



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for III B.Tech I Semester Regular/Supplementary Examination Nov-2017

College: VASIREDDY VENKATADRI INST. OF TECHNOLOGY, NUMBURU, GUNTUR:BQ

| Htno       | Subcode | Subname                                   | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 10BQ1A0260 | R31021  | COMPLEX VARIABLES AND STATISTICAL METHODS | 7        | -1       | 0       |
| 10BQ1A0260 | R31026  | LINEAR & DIGITAL IC APPLICATION           | 9        | -1       | 0       |
| 10BQ1A0450 | R31045  | ANTENNAS AND WAVE PROPAGATION             | 3        | 17       | 0       |
| 10BQ1A0450 | R31046  | DIGITAL COMMUNICATIONS                    | 2        | -1       | 0       |
| 11BQ1A0324 | R31031  | FINITE ELEMENT METHODS                    | 16       | 10       | 0       |
| 11BQ1A0324 | R31033  | DYNAMICS OF MACHINERY                     | 15       | 0        | 0       |
| 11BQ1A0324 | R31034  | THERMAL ENGINEERING-II                    | 12       | 0        | 0       |
| 11BQ1A0357 | R31033  | DYNAMICS OF MACHINERY                     | 14       | -1       | 0       |
| 11BQ1A0443 | R31042  | DIGITAL IC APPLICATIONS                   | 18       | 20       | 0       |
| 11BQ1A0443 | R31045  | ANTENNAS AND WAVE PROPAGATION             | 20       | 8        | 0       |
| 11BQ5A0403 | R31046  | DIGITAL COMMUNICATIONS                    | 17       | -1       | 0       |
| 11BQ5A0414 | R31041  | COMPUTER ARCHITECTURE & ORGANIZATION      | 14       | -1       | 0       |
| 11BQ5A0414 | R31046  | DIGITAL COMMUNICATIONS                    | 4        | -1       | 0       |
| 12BQ1A0123 | R31015  | STRUCTURAL ANALYSIS-II                    | 13       | -1       | 0       |
| 12BQ1A0230 | R31023  | POWER SYSTEMS-II                          | 13       | 28       | 4       |
| 12BQ1A0230 | R31024  | POWER ELECTRONICS                         | 18       | 31       | 4       |
| 12BQ1A0230 | R31025  | ELECTRICAL MACHINES-III                   | 14       | 21       | 0       |
| 12BQ1A0238 | R31022  | ELECTRICAL MEASUREMENT                    | 15       | 17       | 0       |
| 12BQ1A0238 | R31023  | POWER SYSTEMS-II                          | 13       | 20       | 0       |
| 12BQ1A0238 | R31024  | POWER ELECTRONICS                         | 13       | 18       | 0       |
| 12BQ1A0238 | R31025  | ELECTRICAL MACHINES-III                   | 6        | 18       | 0       |
| 12BQ1A0264 | R31021  | COMPLEX VARIABLES AND STATISTICAL METHODS | 16       | 0        | 0       |
| 12BQ1A0264 | R31024  | POWER ELECTRONICS                         | 17       | 39       | 4       |
| 12BQ1A0264 | R31025  | ELECTRICAL MACHINES-III                   | 10       | -1       | 0       |
| 12BQ1A0271 | R31024  | POWER ELECTRONICS                         | 17       | 26       | 4       |
| 12BQ1A02A7 | R31021  | COMPLEX VARIABLES AND STATISTICAL METHODS | 16       | 22       | 0       |
| 12BQ1A0354 | R31031  | FINITE ELEMENT METHODS                    | 17       | 25       | 0       |
| 12BQ1A0354 | R31033  | DYNAMICS OF MACHINERY                     | 18       | 15       | 0       |
| 12BQ1A0386 | R31031  | FINITE ELEMENT METHODS                    | 12       | 9        | 0       |
| 12BQ1A0391 | R31031  | FINITE ELEMENT METHODS                    | 15       | 20       | 0       |
| 12BQ1A0391 | R31032  | OPERATIONS RESEARCH                       | 11       | 19       | 0       |
| 12BQ1A0391 | R31034  | THERMAL ENGINEERING-II                    | 15       | 11       | 0       |
| 12BQ1A0391 | R31035  | DESIGN OF MACHINE MEMBERS-I               | 14       | 10       | 0       |
| 12BQ1A0528 | R31051  | COMPILER DESIGN                           | 12       | -1       | 0       |
| 12BQ1A0528 | R31052  | COMPUTER NETWORKS                         | 20       | -1       | 0       |
| 12BQ1A0528 | R31053  | ADVANCED DATA STRUCTURES                  | 17       | -1       | 0       |
| 12BQ1A0528 | R31054  | COMPUTER GRAPHICS                         | 19       | -1       | 0       |
| 12BQ1A0528 | R31055  | MICRO PROCESSORS AND MULTICORE SYSTEMS    | 14       | -1       | 0       |
| 12BQ1A0528 | R31056  | OPERATIONG SYSTEMS                        | 15       | -1       | 0       |
| 12BQ1A0544 | R31052  | COMPUTER NETWORKS                         | 20       | 25       | 0       |
| 12BQ1A1204 | R31054  | COMPUTER GRAPHICS                         | 14       | 9        | 0       |
| 12BQ1A1204 | R31121  | SOFTWARE ENGINEERING                      | 16       | 32       | 4       |
| 12BQ1A1242 | R31052  | COMPUTER NETWORKS                         | 17       | 29       | 4       |
| 12BQ5A0106 | R31016  | TRANSPORATION ENGINEERING-I               | 15       | -1       | 0       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 13BQ1A0103 | RT31014 | ENGINEERING GEOLOGY              | 9        | -1       | 0       |
| 13BQ1A0103 | RT31015 | TRANSPORTATION ENGINEERING-I     | 10       | -1       | 0       |
| 13BQ1A0146 | RT31011 | GEOTECHNICAL ENGINEERING-I       | 17       | 10       | 0       |
| 13BQ1A0206 | RT31021 | ELECTRICAL MEASUREMENTS          | 19       | 19       | 0       |
| 13BQ1A0206 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 17       | 20       | 0       |
| 13BQ1A0211 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 19       | 45       | 3       |
| 13BQ1A0229 | RT31023 | POWER SYSTEMS-II                 | 16       | 37       | 3       |
| 13BQ1A0230 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 16       | 16       | 0       |
| 13BQ1A0233 | RT31023 | POWER SYSTEMS-II                 | 11       | 2        | 0       |
| 13BQ1A0233 | RT31025 | POWER ELECTRONICS                | 12       | 31       | 3       |
| 13BQ1A0233 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 16       | 45       | 3       |
| 13BQ1A0242 | RT31016 | IPR & PATENTS                    | 18       | 26       | 2       |
| 13BQ1A0242 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 0        | 0       |
| 13BQ1A0242 | RT31022 | MEFA                             | 19       | 24       | 3       |
| 13BQ1A0242 | RT31023 | POWER SYSTEMS-II                 | 17       | 3        | 0       |
| 13BQ1A0242 | RT31024 | ELECTRICAL MACHINES-III          | 18       | 4        | 0       |
| 13BQ1A0242 | RT31025 | POWER ELECTRONICS                | 17       | 27       | 3       |
| 13BQ1A0242 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 18       | 11       | 0       |
| 13BQ1A0242 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 29       | 2       |
| 13BQ1A0242 | RT31028 | CONTROL SYSTEMS LAB              | 14       | 34       | 2       |
| 13BQ1A0247 | RT31023 | POWER SYSTEMS-II                 | 9        | 31       | 3       |
| 13BQ1A0254 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 16       | 38       | 3       |
| 13BQ1A0258 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 11       | 0       |
| 13BQ1A0258 | RT31022 | MEFA                             | 16       | 28       | 3       |
| 13BQ1A0258 | RT31023 | POWER SYSTEMS-II                 | 11       | 43       | 3       |
| 13BQ1A0258 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 10       | 0        | 0       |
| 13BQ1A0263 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 18       | 31       | 3       |
| 13BQ1A0266 | RT31021 | ELECTRICAL MEASUREMENTS          | 10       | -1       | 0       |
| 13BQ1A0266 | RT31022 | MEFA                             | 16       | 28       | 3       |
| 13BQ1A0266 | RT31023 | POWER SYSTEMS-II                 | 16       | -1       | 0       |
| 13BQ1A0266 | RT31024 | ELECTRICAL MACHINES-III          | 21       | -1       | 0       |
| 13BQ1A0266 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 18       | 8        | 0       |
| 13BQ1A0274 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 9        | 13       | 0       |
| 13BQ1A0285 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 9        | 11       | 0       |
| 13BQ1A0298 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 28       | 3       |
| 13BQ1A02A0 | RT31023 | POWER SYSTEMS-II                 | 16       | 6        | 0       |
| 13BQ1A02A0 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 16       | 12       | 0       |
| 13BQ1A02A3 | RT31023 | POWER SYSTEMS-II                 | 16       | 28       | 3       |
| 13BQ1A02A3 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 16       | 35       | 3       |
| 13BQ1A02A9 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 20       | 10       | 0       |
| 13BQ1A02B5 | RT31021 | ELECTRICAL MEASUREMENTS          | 6        | -1       | 0       |
| 13BQ1A02B5 | RT31023 | POWER SYSTEMS-II                 | 8        | 52       | 3       |
| 13BQ1A02B5 | RT31024 | ELECTRICAL MACHINES-III          | 5        | -1       | 0       |
| 13BQ1A02B5 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 7        | 8        | 0       |
| 13BQ1A02C0 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 16       | 32       | 3       |
| 13BQ1A0318 | RT31031 | DYNAMICS OF MACHINERY            | 17       | 13       | 0       |
| 13BQ1A0318 | RT31035 | THERMAL ENGINEERING-II           | 17       | 0        | 0       |
| 13BQ1A0318 | RT31036 | METROLOGY                        | 9        | 13       | 0       |
| 13BQ1A0330 | RT31033 | DESIGN OF MACHINE MEMBERS-I      | 20       | 21       | 0       |
| 13BQ1A0333 | RT31031 | DYNAMICS OF MACHINERY            | 16       | 11       | 0       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 13BQ1A0333 | RT31035 | THERMAL ENGINEERING-II                      | 20       | 24       | 3       |
| 13BQ1A0333 | RT31036 | METROLOGY                                   | 16       | 16       | 0       |
| 13BQ1A0355 | RT31035 | THERMAL ENGINEERING-II                      | 17       | 17       | 0       |
| 13BQ1A0357 | RT31031 | DYNAMICS OF MACHINERY                       | 15       | -1       | 0       |
| 13BQ1A0357 | RT31032 | METAL CUTTING & MACHINE TOOLS               | 16       | 20       | 0       |
| 13BQ1A0357 | RT31033 | DESIGN OF MACHINE MEMBERS-I                 | 11       | 0        | 0       |
| 13BQ1A0357 | RT31035 | THERMAL ENGINEERING-II                      | 17       | -1       | 0       |
| 13BQ1A0357 | RT31036 | METROLOGY                                   | 10       | -1       | 0       |
| 13BQ1A0360 | RT31032 | METAL CUTTING & MACHINE TOOLS               | 16       | 2        | 0       |
| 13BQ1A0360 | RT31033 | DESIGN OF MACHINE MEMBERS-I                 | 9        | 0        | 0       |
| 13BQ1A0360 | RT31035 | THERMAL ENGINEERING-II                      | 17       | 19       | 0       |
| 13BQ1A0373 | RT31035 | THERMAL ENGINEERING-II                      | 18       | 23       | 0       |
| 13BQ1A0373 | RT31036 | METROLOGY                                   | 16       | 14       | 0       |
| 13BQ1A0422 | RT31041 | PULSE & DIGITAL CIRCUITS                    | 20       | 9        | 0       |
| 13BQ1A0422 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 17       | 4        | 0       |
| 13BQ1A0461 | RT31041 | PULSE & DIGITAL CIRCUITS                    | 19       | 2        | 0       |
| 13BQ1A0461 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 19       | 11       | 0       |
| 13BQ1A0466 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 21       | 27       | 3       |
| 13BQ1A0473 | RT31041 | PULSE & DIGITAL CIRCUITS                    | 16       | 6        | 0       |
| 13BQ1A0473 | RT31043 | CONTROL SYSTEMS                             | 17       | 43       | 3       |
| 13BQ1A0473 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 16       | 10       | 0       |
| 13BQ1A0480 | RT31041 | PULSE & DIGITAL CIRCUITS                    | 16       | 0        | 0       |
| 13BQ1A0480 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS      | 16       | 9        | 0       |
| 13BQ1A0480 | RT31043 | CONTROL SYSTEMS                             | 16       | 21       | 0       |
| 13BQ1A0480 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 15       | 0        | 0       |
| 13BQ1A0487 | RT31041 | PULSE & DIGITAL CIRCUITS                    | 18       | 30       | 3       |
| 13BQ1A0488 | RT31041 | PULSE & DIGITAL CIRCUITS                    | 20       | 30       | 3       |
| 13BQ1A04D1 | RT31044 | DIGITAL SYSTEM DESIGN & DICA                | 23       | 17       | 0       |
| 13BQ1A04E6 | RT31041 | PULSE & DIGITAL CIRCUITS                    | 18       | 9        | 0       |
| 13BQ1A04E6 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 19       | 23       | 0       |
| 13BQ1A0527 | RT31051 | COMPILER DESIGN                             | 16       | -1       | 0       |
| 13BQ1A0563 | RT31051 | COMPILER DESIGN                             | 20       | 49       | 3       |
| 13BQ1A0566 | RT31051 | COMPILER DESIGN                             | 16       | 14       | 0       |
| 13BQ1A0571 | RT31052 | DATA COMMUNICATION                          | 9        | 35       | 3       |
| 13BQ1A05C4 | RT31054 | DATABASE MANAGEMENT SYSTEMS                 | 17       | 37       | 3       |
| 13BQ1A05C5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES         | 18       | 27       | 3       |
| 13BQ1A05D7 | RT31051 | COMPILER DESIGN                             | 16       | 38       | 3       |
| 13BQ1A05D7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES         | 17       | 18       | 0       |
| 13BQ1A1207 | RT31054 | DATABASE MANAGEMENT SYSTEMS                 | 16       | 19       | 0       |
| 13BQ1A1209 | RT31123 | ADVANCED JAVA                               | 16       | 27       | 3       |
| 13BQ1A1212 | RT31121 | SOFTWARE ENGINEERING                        | 16       | 39       | 3       |
| 13BQ1A1246 | RT31055 | OPERATING SYSTEMS                           | 18       | 25       | 3       |
| 13BQ5A0218 | R31025  | ELECTRICAL MACHINES-III                     | 14       | 21       | 0       |
| 13BQ5A0316 | R31031  | FINITE ELEMENT METHODS                      | 15       | 32       | 4       |
| 14BQ1A0107 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 20       | 21       | 0       |
| 14BQ1A0108 | RT31014 | ENGINEERING GEOLOGY                         | 21       | 44       | 3       |
| 14BQ1A0114 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 19       | 14       | 0       |
| 14BQ1A0114 | RT31012 | STRUCTURAL ANALYSIS-II                      | 16       | 32       | 3       |
| 14BQ1A0114 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 17       | 35       | 3       |
| 14BQ1A0114 | RT31014 | ENGINEERING GEOLOGY                         | 19       | 33       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 14BQ1A0114 | RT31015 | TRANSPORTATION ENGINEERING-I                | 16       | 30       | 3       |
| 14BQ1A0114 | RT31016 | IPR & PATENTS                               | 12       | 38       | 2       |
| 14BQ1A0114 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 16       | 39       | 2       |
| 14BQ1A0114 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 44       | 2       |
| 14BQ1A0138 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 24       | 11       | 0       |
| 14BQ1A0138 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 6        | 0       |
| 14BQ1A0141 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 18       | 12       | 0       |
| 14BQ1A0141 | RT31012 | STRUCTURAL ANALYSIS-II                      | 17       | 6        | 0       |
| 14BQ1A0141 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 22       | 0       |
| 14BQ1A0142 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 19       | 22       | 0       |
| 14BQ1A0142 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 8        | 0       |
| 14BQ1A0146 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 24       | 3       |
| 14BQ1A0146 | RT31014 | ENGINEERING GEOLOGY                         | 8        | 36       | 3       |
| 14BQ1A0148 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 16       | 0        | 0       |
| 14BQ1A0148 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 13       | 0       |
| 14BQ1A0148 | RT31015 | TRANSPORTATION ENGINEERING-I                | 17       | 42       | 3       |
| 14BQ1A0150 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 20       | 14       | 0       |
| 14BQ1A0150 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 38       | 3       |
| 14BQ1A0151 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 17       | 17       | 0       |
| 14BQ1A0153 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 17       | 30       | 3       |
| 14BQ1A0157 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 17       | 0        | 0       |
| 14BQ1A0157 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 13       | 0       |
| 14BQ1A0157 | RT31015 | TRANSPORTATION ENGINEERING-I                | 21       | 31       | 3       |
| 14BQ1A0159 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 17       | 10       | 0       |
| 14BQ1A0159 | RT31012 | STRUCTURAL ANALYSIS-II                      | 17       | 14       | 0       |
| 14BQ1A0159 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 8        | 0       |
| 14BQ1A0159 | RT31014 | ENGINEERING GEOLOGY                         | 20       | 30       | 3       |
| 14BQ1A0159 | RT31015 | TRANSPORTATION ENGINEERING-I                | 18       | 43       | 3       |
| 14BQ1A0159 | RT31016 | IPR & PATENTS                               | 16       | 29       | 2       |
| 14BQ1A0159 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 16       | 40       | 2       |
| 14BQ1A0159 | RT31018 | ENGINEERING GEOLOGY LAB                     | 18       | 45       | 2       |
| 14BQ1A0161 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 16       | 22       | 0       |
| 14BQ1A0161 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 12       | 0       |
| 14BQ1A0171 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 16       | 20       | 0       |
| 14BQ1A0171 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 20       | 0       |
| 14BQ1A0175 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 16       | 20       | 0       |
| 14BQ1A0178 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 11       | 0       |
| 14BQ1A0184 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 19       | 12       | 0       |
| 14BQ1A0184 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 24       | 3       |
| 14BQ1A0186 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 18       | 23       | 0       |
| 14BQ1A0186 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 19       | 22       | 0       |
| 14BQ1A0188 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 21       | 38       | 3       |
| 14BQ1A0190 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 35       | 3       |
| 14BQ1A0191 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 19       | 14       | 0       |
| 14BQ1A0197 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 16       | 16       | 0       |
| 14BQ1A0197 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 33       | 3       |
| 14BQ1A01A0 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 18       | 31       | 3       |
| 14BQ1A01A4 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 18       | 16       | 0       |
| 14BQ1A01A4 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 31       | 3       |
| 14BQ1A01A4 | RT31014 | ENGINEERING GEOLOGY                         | 22       | 26       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 14BQ1A01A5 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 17       | 0       |
| 14BQ1A01B3 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 18       | 24       | 3       |
| 14BQ1A01B3 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 21       | 0       |
| 14BQ1A0201 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 25       | 34       | 3       |
| 14BQ1A0213 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 20       | 45       | 3       |
| 14BQ1A0214 | RT31023 | POWER SYSTEMS-II                            | 20       | 0        | 0       |
| 14BQ1A0217 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 27       | 26       | 3       |
| 14BQ1A0218 | RT31023 | POWER SYSTEMS-II                            | 19       | 25       | 3       |
| 14BQ1A0218 | RT31025 | POWER ELECTRONICS                           | 19       | 30       | 3       |
| 14BQ1A0227 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 25       | 45       | 3       |
| 14BQ1A0228 | RT31023 | POWER SYSTEMS-II                            | 24       | 34       | 3       |
| 14BQ1A0230 | RT31021 | ELECTRICAL MEASUREMENTS                     | 21       | 8        | 0       |
| 14BQ1A0230 | RT31023 | POWER SYSTEMS-II                            | 18       | 35       | 3       |
| 14BQ1A0230 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 22       | 27       | 3       |
| 14BQ1A0234 | RT31021 | ELECTRICAL MEASUREMENTS                     | 18       | 3        | 0       |
| 14BQ1A0234 | RT31023 | POWER SYSTEMS-II                            | 22       | 0        | 0       |
| 14BQ1A0234 | RT31024 | ELECTRICAL MACHINES-III                     | 19       | 12       | 0       |
| 14BQ1A0234 | RT31025 | POWER ELECTRONICS                           | 19       | 0        | 0       |
| 14BQ1A0234 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 18       | 0        | 0       |
| 14BQ1A0236 | RT31023 | POWER SYSTEMS-II                            | 16       | 28       | 3       |
| 14BQ1A0238 | RT31023 | POWER SYSTEMS-II                            | 25       | 18       | 0       |
| 14BQ1A0238 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 27       | -1       | 0       |
| 14BQ1A0244 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 22       | 28       | 3       |
| 14BQ1A0248 | RT31023 | POWER SYSTEMS-II                            | 21       | 32       | 3       |
| 14BQ1A0250 | RT31016 | IPR & PATENTS                               | 16       | 15       | 0       |
| 14BQ1A0250 | RT31021 | ELECTRICAL MEASUREMENTS                     | 19       | 11       | 0       |
| 14BQ1A0250 | RT31022 | MEFA  | 18       | 36       | 3       |
| 14BQ1A0250 | RT31024 | ELECTRICAL MACHINES-III                     | 16       | 8        | 0       |
| 14BQ1A0250 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 17       | 6        | 0       |
| 14BQ1A0250 | RT31027 | ELECTRICAL MACHINES-II LAB                  | 12       | 12       | 0       |
| 14BQ1A0254 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 21       | 26       | 3       |
| 14BQ1A0260 | RT31021 | ELECTRICAL MEASUREMENTS                     | 17       | 22       | 0       |
| 14BQ1A0260 | RT31027 | ELECTRICAL MACHINES-II LAB                  | 12       | 12       | 0       |
| 14BQ1A0260 | RT31028 | CONTROL SYSTEMS LAB                         | 12       | 25       | 2       |
| 14BQ1A0262 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 30       | 22       | 0       |
| 14BQ1A0274 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 23       | 38       | 3       |
| 14BQ1A0284 | RT31025 | POWER ELECTRONICS                           | 27       | 36       | 3       |
| 14BQ1A0285 | RT31023 | POWER SYSTEMS-II                            | 20       | -1       | 0       |
| 14BQ1A0285 | RT31024 | ELECTRICAL MACHINES-III                     | 16       | -1       | 0       |
| 14BQ1A0285 | RT31025 | POWER ELECTRONICS                           | 21       | 0        | 0       |
| 14BQ1A0285 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 16       | -1       | 0       |
| 14BQ1A0293 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 27       | 28       | 3       |
| 14BQ1A0295 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 27       | 17       | 0       |
| 14BQ1A0298 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 28       | 36       | 3       |
| 14BQ1A02B7 | RT31025 | POWER ELECTRONICS                           | 17       | 26       | 3       |
| 14BQ1A02B7 | RT31027 | ELECTRICAL MACHINES-II LAB                  | 15       | 20       | 2       |
| 14BQ1A02B7 | RT31028 | CONTROL SYSTEMS LAB                         | 12       | 30       | 2       |
| 14BQ1A0307 | RT31033 | DESIGN OF MACHINE MEMBERS-I                 | 20       | 6        | 0       |
| 14BQ1A0307 | RT31035 | THERMAL ENGINEERING-II                      | 29       | 20       | 0       |
| 14BQ1A0313 | RT31031 | DYNAMICS OF MACHINERY                       | 17       | 0        | 0       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 14BQ1A0313 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 16       | 3        | 0       |
| 14BQ1A0313 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 5        | 0       |
| 14BQ1A0313 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 16       | 4        | 0       |
| 14BQ1A0313 | RT31035 | THERMAL ENGINEERING-II            | 18       | 11       | 0       |
| 14BQ1A0313 | RT31036 | METROLOGY                         | 18       | 0        | 0       |
| 14BQ1A0314 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 15       | 24       | 0       |
| 14BQ1A0314 | RT31035 | THERMAL ENGINEERING-II            | 16       | 18       | 0       |
| 14BQ1A0315 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 10       | 0       |
| 14BQ1A0315 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 20       | 32       | 3       |
| 14BQ1A0315 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 21       | 28       | 3       |
| 14BQ1A0315 | RT31035 | THERMAL ENGINEERING-II            | 22       | 5        | 0       |
| 14BQ1A0315 | RT31036 | METROLOGY                         | 17       | 0        | 0       |
| 14BQ1A0317 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 6        | 0       |
| 14BQ1A0317 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 16       | 36       | 3       |
| 14BQ1A0317 | RT31035 | THERMAL ENGINEERING-II            | 18       | 8        | 0       |
| 14BQ1A0317 | RT31036 | METROLOGY                         | 14       | 32       | 3       |
| 14BQ1A0319 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 0        | 0       |
| 14BQ1A0319 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 3        | 0       |
| 14BQ1A0319 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 18       | 28       | 3       |
| 14BQ1A0319 | RT31035 | THERMAL ENGINEERING-II            | 18       | 0        | 0       |
| 14BQ1A0319 | RT31036 | METROLOGY                         | 20       | 0        | 0       |
| 14BQ1A0320 | RT31016 | IPR & PATENTS                     | 19       | 24       | 2       |
| 14BQ1A0320 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 17       | 26       | 3       |
| 14BQ1A0320 | RT31035 | THERMAL ENGINEERING-II            | 16       | 24       | 3       |
| 14BQ1A0323 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 0        | 0       |
| 14BQ1A0323 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 15       | 3        | 0       |
| 14BQ1A0323 | RT31035 | THERMAL ENGINEERING-II            | 21       | 0        | 0       |
| 14BQ1A0324 | RT31016 | IPR & PATENTS                     | 19       | 26       | 2       |
| 14BQ1A0324 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 11       | 0       |
| 14BQ1A0324 | RT31035 | THERMAL ENGINEERING-II            | 18       | 12       | 0       |
| 14BQ1A0326 | RT31035 | THERMAL ENGINEERING-II            | 24       | 38       | 3       |
| 14BQ1A0327 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 0        | 0       |
| 14BQ1A0327 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 16       | 0        | 0       |
| 14BQ1A0327 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 17       | 0        | 0       |
| 14BQ1A0327 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 17       | 0        | 0       |
| 14BQ1A0327 | RT31035 | THERMAL ENGINEERING-II            | 17       | 0        | 0       |
| 14BQ1A0327 | RT31036 | METROLOGY                         | 16       | 0        | 0       |
| 14BQ1A0337 | RT31035 | THERMAL ENGINEERING-II            | 23       | 19       | 0       |
| 14BQ1A0344 | RT31035 | THERMAL ENGINEERING-II            | 16       | 30       | 3       |
| 14BQ1A0347 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 8        | 0       |
| 14BQ1A0347 | RT31035 | THERMAL ENGINEERING-II            | 19       | 13       | 0       |
| 14BQ1A0350 | RT31031 | DYNAMICS OF MACHINERY             | 19       | -1       | 0       |
| 14BQ1A0350 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 17       | 34       | 3       |
| 14BQ1A0351 | RT31035 | THERMAL ENGINEERING-II            | 26       | 37       | 3       |
| 14BQ1A0355 | RT31035 | THERMAL ENGINEERING-II            | 18       | 24       | 3       |
| 14BQ1A0356 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 20       | 31       | 3       |
| 14BQ1A0358 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 0        | 0       |
| 14BQ1A0358 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 5        | 12       | 0       |
| 14BQ1A0358 | RT31036 | METROLOGY                         | 20       | 0        | 0       |
| 14BQ1A0363 | RT31035 | THERMAL ENGINEERING-II            | 26       | 30       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 14BQ1A0370 | RT31032 | METAL CUTTING & MACHINE TOOLS          | 18       | 26       | 3       |
| 14BQ1A0372 | RT31035 | THERMAL ENGINEERING-II                 | 19       | 34       | 3       |
| 14BQ1A0384 | RT31033 | DESIGN OF MACHINE MEMBERS-I            | 20       | 0        | 0       |
| 14BQ1A0385 | RT31035 | THERMAL ENGINEERING-II                 | 20       | 20       | 0       |
| 14BQ1A0387 | RT31032 | METAL CUTTING & MACHINE TOOLS          | 20       | 7        | 0       |
| 14BQ1A0388 | RT31033 | DESIGN OF MACHINE MEMBERS-I            | 16       | 0        | 0       |
| 14BQ1A0388 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS      | 16       | 20       | 0       |
| 14BQ1A0388 | RT31035 | THERMAL ENGINEERING-II                 | 18       | 0        | 0       |
| 14BQ1A0388 | RT31036 | METROLOGY                              | 17       | 26       | 3       |
| 14BQ1A0390 | RT31031 | DYNAMICS OF MACHINERY                  | 17       | 11       | 0       |
| 14BQ1A0392 | RT31035 | THERMAL ENGINEERING-II                 | 22       | 30       | 3       |
| 14BQ1A0395 | RT31031 | DYNAMICS OF MACHINERY                  | 16       | 15       | 0       |
| 14BQ1A0395 | RT31035 | THERMAL ENGINEERING-II                 | 28       | 41       | 3       |
| 14BQ1A0399 | RT31032 | METAL CUTTING & MACHINE TOOLS          | 18       | 15       | 0       |
| 14BQ1A0399 | RT31033 | DESIGN OF MACHINE MEMBERS-I            | 16       | 6        | 0       |
| 14BQ1A0399 | RT31035 | THERMAL ENGINEERING-II                 | 16       | 0        | 0       |
| 14BQ1A03A5 | RT31031 | DYNAMICS OF MACHINERY                  | 16       | 6        | 0       |
| 14BQ1A03A5 | RT31035 | THERMAL ENGINEERING-II                 | 19       | 29       | 3       |
| 14BQ1A03B1 | RT31031 | DYNAMICS OF MACHINERY                  | 18       | 0        | 0       |
| 14BQ1A03B1 | RT31032 | METAL CUTTING & MACHINE TOOLS          | 15       | 12       | 0       |
| 14BQ1A03B1 | RT31033 | DESIGN OF MACHINE MEMBERS-I            | 18       | 6        | 0       |
| 14BQ1A03B1 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS      | 16       | 0        | 0       |
| 14BQ1A03B1 | RT31035 | THERMAL ENGINEERING-II                 | 17       | -1       | 0       |
| 14BQ1A03B1 | RT31036 | METROLOGY                              | 17       | 15       | 0       |
| 14BQ1A03B3 | RT31033 | DESIGN OF MACHINE MEMBERS-I            | 16       | 9        | 0       |
| 14BQ1A03B3 | RT31035 | THERMAL ENGINEERING-II                 | 20       | -1       | 0       |
| 14BQ1A03B5 | RT31035 | THERMAL ENGINEERING-II                 | 26       | 32       | 3       |
| 14BQ1A0408 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 36       | 3       |
| 14BQ1A0409 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 26       | 3       |
| 14BQ1A0410 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 16       | 23       | 0       |
| 14BQ1A0413 | RT31041 | PULSE & DIGITAL CIRCUITS               | 15       | 17       | 0       |
| 14BQ1A0413 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 17       | 33       | 3       |
| 14BQ1A0413 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 18       | 18       | 0       |
| 14BQ1A0416 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 24       | 20       | 0       |
| 14BQ1A0430 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 21       | 28       | 3       |
| 14BQ1A0430 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 18       | 24       | 3       |
| 14BQ1A0434 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 25       | 19       | 0       |
| 14BQ1A0463 | RT31041 | PULSE & DIGITAL CIRCUITS               | 21       | 4        | 0       |
| 14BQ1A0463 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 18       | 2        | 0       |
| 14BQ1A0474 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 19       | 9        | 0       |
| 14BQ1A0474 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 16       | 23       | 0       |
| 14BQ1A0474 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 18       | 12       | 0       |
| 14BQ1A0477 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 31       | 3       |
| 14BQ1A0477 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 27       | 3       |
| 14BQ1A0479 | RT31016 | IPR & PATENTS                          | 21       | 27       | 2       |
| 14BQ1A0479 | RT31041 | PULSE & DIGITAL CIRCUITS               | 12       | 15       | 0       |
| 14BQ1A0479 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 11       | 10       | 0       |
| 14BQ1A0479 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 10       | 8        | 0       |
| 14BQ1A0481 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 7        | 0       |
| 14BQ1A0484 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 21       | 5        | 0       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 14BQ1A0492 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 17       | 25       | 3       |
| 14BQ1A0492 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 16       | 11       | 0       |
| 14BQ1A0494 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 18       | 28       | 3       |
| 14BQ1A0496 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 20       | 20       | 0       |
| 14BQ1A0497 | RT31041 | PULSE & DIGITAL CIRCUITS               | 16       | 14       | 0       |
| 14BQ1A0497 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 21       | 3        | 0       |
| 14BQ1A04A0 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 18       | 11       | 0       |
| 14BQ1A04A0 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 17       | 8        | 0       |
| 14BQ1A04A0 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 21       | 7        | 0       |
| 14BQ1A04A0 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 13       | 25       | 2       |
| 14BQ1A04A0 | RT31048 | LICA LAB                               | 13       | 25       | 2       |
| 14BQ1A04A5 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 19       | 0       |
| 14BQ1A04A5 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 36       | 3       |
| 14BQ1A04A9 | RT31041 | PULSE & DIGITAL CIRCUITS               | 17       | 16       | 0       |
| 14BQ1A04A9 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 22       | 10       | 0       |
| 14BQ1A04B7 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 23       | 12       | 0       |
| 14BQ1A04C0 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 24       | 3       |
| 14BQ1A04C5 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 28       | 3       |
| 14BQ1A04C9 | RT31041 | PULSE & DIGITAL CIRCUITS               | 22       | 13       | 0       |
| 14BQ1A04D2 | RT31041 | PULSE & DIGITAL CIRCUITS               | 19       | -1       | 0       |
| 14BQ1A04D2 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 12       | 0       |
| 14BQ1A04D3 | RT31041 | PULSE & DIGITAL CIRCUITS               | 14       | 16       | 0       |
| 14BQ1A04D3 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 20       | 6        | 0       |
| 14BQ1A04D3 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 21       | 5        | 0       |
| 14BQ1A04E1 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 19       | 11       | 0       |
| 14BQ1A04E5 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 0        | 0       |
| 14BQ1A04G6 | RT31041 | PULSE & DIGITAL CIRCUITS               | 17       | 8        | 0       |
| 14BQ1A04G6 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 18       | 13       | 0       |
| 14BQ1A04G7 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 0        | 0       |
| 14BQ1A04G8 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | -1       | 0       |
| 14BQ1A04G8 | RT31043 | CONTROL SYSTEMS                        | 16       | -1       | 0       |
| 14BQ1A04G8 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 16       | 41       | 3       |
| 14BQ1A04G8 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 20       | 3        | 0       |
| 14BQ1A04H0 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 24       | 24       | 3       |
| 14BQ1A04H1 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 22       | 24       | 3       |
| 14BQ1A04H6 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 19       | 4        | 0       |
| 14BQ1A04I0 | RT31041 | PULSE & DIGITAL CIRCUITS               | 22       | 16       | 0       |
| 14BQ1A04I0 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 16       | 14       | 0       |
| 14BQ1A04I0 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | -1       | 0       |
| 14BQ1A0503 | RT31051 | COMPILER DESIGN                        | 24       | 11       | 0       |
| 14BQ1A0509 | RT31051 | COMPILER DESIGN                        | 16       | 0        | 0       |
| 14BQ1A0509 | RT31052 | DATA COMMUNICATION                     | 18       | 11       | 0       |
| 14BQ1A0509 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES    | 18       | 2        | 0       |
| 14BQ1A0509 | RT31054 | DATABASE MANAGEMENT SYSTEMS            | 16       | 2        | 0       |
| 14BQ1A0509 | RT31055 | OPERATING SYSTEMS                      | 16       | 6        | 0       |
| 14BQ1A0509 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB        | 15       | -1       | 0       |
| 14BQ1A0510 | RT31055 | OPERATING SYSTEMS                      | 23       | 13       | 0       |
| 14BQ1A0513 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES    | 16       | 9        | 0       |
| 14BQ1A0513 | RT31055 | OPERATING SYSTEMS                      | 22       | 6        | 0       |
| 14BQ1A0513 | RT31056 | COMPILER DESIGN LAB                    | 15       | -1       | 0       |



| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 14BQ1A0513 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 15       | -1       | 0       |
| 14BQ1A0514 | RT31051 | COMPILER DESIGN                          | 16       | 15       | 0       |
| 14BQ1A0514 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 16       | 11       | 0       |
| 14BQ1A0518 | RT31051 | COMPILER DESIGN                          | 16       | 24       | 3       |
| 14BQ1A0521 | RT31051 | COMPILER DESIGN                          | 16       | 0        | 0       |
| 14BQ1A0521 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 18       | 13       | 0       |
| 14BQ1A0551 | RT31052 | DATA COMMUNICATION                       | 20       | 35       | 3       |
| 14BQ1A0556 | RT31051 | COMPILER DESIGN                          | 18       | 37       | 3       |
| 14BQ1A0556 | RT31052 | DATA COMMUNICATION                       | 10       | -1       | 0       |
| 14BQ1A0556 | RT31055 | OPERATING SYSTEMS                        | 16       | 7        | 0       |
| 14BQ1A0563 | RT31051 | COMPILER DESIGN                          | 24       | 21       | 0       |
| 14BQ1A0563 | RT31052 | DATA COMMUNICATION                       | 22       | 13       | 0       |
| 14BQ1A0563 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 22       | 26       | 3       |
| 14BQ1A0563 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 24       | 3       |
| 14BQ1A0563 | RT31055 | OPERATING SYSTEMS                        | 19       | -1       | 0       |
| 14BQ1A0571 | RT31052 | DATA COMMUNICATION                       | 28       | 27       | 3       |
| 14BQ1A0577 | RT31051 | COMPILER DESIGN                          | 19       | 22       | 0       |
| 14BQ1A0577 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 19       | 0       |
| 14BQ1A0577 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 17       | 13       | 0       |
| 14BQ1A0577 | RT31055 | OPERATING SYSTEMS                        | 16       | 6        | 0       |
| 14BQ1A0579 | RT31051 | COMPILER DESIGN                          | 19       | 0        | 0       |
| 14BQ1A0579 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 16       | 35       | 3       |
| 14BQ1A0584 | RT31051 | COMPILER DESIGN                          | 18       | 30       | 3       |
| 14BQ1A0587 | RT31051 | COMPILER DESIGN                          | 26       | 25       | 3       |
| 14BQ1A0589 | RT31051 | COMPILER DESIGN                          | 21       | 7        | 0       |
| 14BQ1A0589 | RT31052 | DATA COMMUNICATION                       | 16       | 19       | 0       |
| 14BQ1A0589 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 19       | 0        | 0       |
| 14BQ1A0589 | RT31055 | OPERATING SYSTEMS                        | 17       | -1       | 0       |
| 14BQ1A0590 | RT31051 | COMPILER DESIGN                          | 24       | 18       | 0       |
| 14BQ1A0594 | RT31051 | COMPILER DESIGN                          | 20       | 0        | 0       |
| 14BQ1A0594 | RT31052 | DATA COMMUNICATION                       | 16       | 4        | 0       |
| 14BQ1A0594 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 0        | 0       |
| 14BQ1A0594 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 2        | 0       |
| 14BQ1A0594 | RT31055 | OPERATING SYSTEMS                        | 18       | 0        | 0       |
| 14BQ1A0597 | RT31051 | COMPILER DESIGN                          | 17       | 24       | 3       |
| 14BQ1A0597 | RT31052 | DATA COMMUNICATION                       | 23       | 17       | 0       |
| 14BQ1A0597 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 0        | 0       |
| 14BQ1A05A0 | RT31051 | COMPILER DESIGN                          | 18       | 3        | 0       |
| 14BQ1A05A0 | RT31052 | DATA COMMUNICATION                       | 19       | 2        | 0       |
| 14BQ1A05A0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 1        | 0       |
| 14BQ1A05A0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 21       | 24       | 3       |
| 14BQ1A05A0 | RT31055 | OPERATING SYSTEMS                        | 17       | 11       | 0       |
| 14BQ1A05A8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 31       | 3       |
| 14BQ1A05A8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 19       | 30       | 3       |
| 14BQ1A05A9 | RT31052 | DATA COMMUNICATION                       | 22       | 26       | 3       |
| 14BQ1A05A9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 19       | 18       | 0       |
| 14BQ1A05A9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 38       | 3       |
| 14BQ1A05A9 | RT31055 | OPERATING SYSTEMS                        | 20       | 4        | 0       |
| 14BQ1A05B3 | RT31051 | COMPILER DESIGN                          | 21       | 17       | 0       |
| 14BQ1A05B3 | RT31055 | OPERATING SYSTEMS                        | 21       | 0        | 0       |

| Htno       | Subcode | Subname                             | Internal | External | Credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 14BQ1A05B7 | RT31051 | COMPILER DESIGN                     | 17       | 28       | 3       |
| 14BQ1A05B7 | RT31052 | DATA COMMUNICATION                  | 16       | 9        | 0       |
| 14BQ1A05B7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES | 16       | 0        | 0       |
| 14BQ1A05B7 | RT31054 | DATABASE MANAGEMENT SYSTEMS         | 18       | 2        | 0       |
| 14BQ1A05B7 | RT31055 | OPERATING SYSTEMS                   | 17       | 0        | 0       |
| 14BQ1A05B9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES | 22       | 27       | 3       |
| 14BQ1A05C6 | RT31051 | COMPILER DESIGN                     | 19       | 0        | 0       |
| 14BQ1A05C6 | RT31052 | DATA COMMUNICATION                  | 22       | 2        | 0       |
| 14BQ1A05C6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES | 21       | 0        | 0       |
| 14BQ1A05C6 | RT31054 | DATABASE MANAGEMENT SYSTEMS         | 17       | 0        | 0       |
| 14BQ1A05C6 | RT31055 | OPERATING SYSTEMS                   | 22       | -1       | 0       |
| 14BQ1A05D0 | RT31051 | COMPILER DESIGN                     | 17       | 21       | 0       |
| 14BQ1A05D0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES | 23       | 0        | 0       |
| 14BQ1A05F3 | RT31052 | DATA COMMUNICATION                  | 26       | 24       | 3       |
| 14BQ1A05F3 | RT31055 | OPERATING SYSTEMS                   | 24       | 34       | 3       |
| 14BQ1A05F6 | RT31051 | COMPILER DESIGN                     | 19       | 24       | 3       |
| 14BQ1A05F6 | RT31052 | DATA COMMUNICATION                  | 22       | 29       | 3       |
| 14BQ1A05F7 | RT31052 | DATA COMMUNICATION                  | 21       | 5        | 0       |
| 14BQ1A05F7 | RT31055 | OPERATING SYSTEMS                   | 20       | 4        | 0       |
| 14BQ1A05F8 | RT31051 | COMPILER DESIGN                     | 22       | 8        | 0       |
| 14BQ1A05F8 | RT31052 | DATA COMMUNICATION                  | 24       | 17       | 0       |
| 14BQ1A05F8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES | 25       | 0        | 0       |
| 14BQ1A05F8 | RT31054 | DATABASE MANAGEMENT SYSTEMS         | 22       | 7        | 0       |
| 14BQ1A05F8 | RT31055 | OPERATING SYSTEMS                   | 24       | 14       | 0       |
| 14BQ1A05G2 | RT31051 | COMPILER DESIGN                     | 22       | 2        | 0       |
| 14BQ1A05G2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES | 24       | 11       | 0       |
| 14BQ1A05G2 | RT31054 | DATABASE MANAGEMENT SYSTEMS         | 18       | 32       | 3       |
| 14BQ1A05H0 | RT31051 | COMPILER DESIGN                     | 21       | 10       | 0       |
| 14BQ1A05H0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES | 17       | 17       | 0       |
| 14BQ1A05M7 | RT31051 | COMPILER DESIGN                     | 18       | 17       | 0       |
| 14BQ1A05M7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES | 16       | 4        | 0       |
| 14BQ1A05M7 | RT31055 | OPERATING SYSTEMS                   | 19       | 6        | 0       |
| 14BQ1A05M8 | RT31051 | COMPILER DESIGN                     | 13       | 27       | 3       |
| 14BQ1A05M8 | RT31052 | DATA COMMUNICATION                  | 15       | 25       | 3       |
| 14BQ1A05M8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES | 14       | 0        | 0       |
| 14BQ1A05N1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES | 19       | 24       | 3       |
| 14BQ1A05N1 | RT31055 | OPERATING SYSTEMS                   | 18       | 4        | 0       |
| 14BQ1A05N2 | RT31051 | COMPILER DESIGN                     | 18       | 0        | 0       |
| 14BQ1A05N2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES | 17       | 11       | 0       |
| 14BQ1A05N2 | RT31054 | DATABASE MANAGEMENT SYSTEMS         | 18       | 8        | 0       |
| 14BQ1A05N6 | RT31051 | COMPILER DESIGN                     | 20       | 21       | 0       |
| 14BQ1A05N6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES | 21       | 8        | 0       |
| 14BQ1A1202 | RT31054 | DATABASE MANAGEMENT SYSTEMS         | 24       | 12       | 0       |
| 14BQ1A1202 | RT31121 | SOFTWARE ENGINEERING                | 19       | 35       | 3       |
| 14BQ1A1202 | RT31123 | ADVANCED JAVA                       | 17       | 12       | 0       |
| 14BQ1A1215 | RT31121 | SOFTWARE ENGINEERING                | 24       | 43       | 3       |
| 14BQ1A1221 | RT31054 | DATABASE MANAGEMENT SYSTEMS         | 17       | 15       | 0       |
| 14BQ1A1221 | RT31121 | SOFTWARE ENGINEERING                | 18       | 30       | 3       |
| 14BQ1A1221 | RT31123 | ADVANCED JAVA                       | 16       | 2        | 0       |
| 14BQ1A1224 | RT31121 | SOFTWARE ENGINEERING                | 19       | 47       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 14BQ1A1229 | RT31123 | ADVANCED JAVA                               | 22       | 3        | 0       |
| 14BQ1A1233 | RT31123 | ADVANCED JAVA                               | 17       | 25       | 3       |
| 14BQ1A1241 | RT31055 | OPERATING SYSTEMS                           | 17       | 26       | 3       |
| 14BQ1A1241 | RT31121 | SOFTWARE ENGINEERING                        | 13       | 0        | 0       |
| 14BQ1A1241 | RT31123 | ADVANCED JAVA                               | 21       | 26       | 3       |
| 14BQ1A1249 | RT31054 | DATABASE MANAGEMENT SYSTEMS                 | 16       | 31       | 3       |
| 14BQ1A1249 | RT31123 | ADVANCED JAVA                               | 19       | 18       | 0       |
| 14BQ1A1252 | RT31123 | ADVANCED JAVA                               | 21       | 24       | 3       |
| 14BQ1A1255 | RT31054 | DATABASE MANAGEMENT SYSTEMS                 | 16       | 21       | 0       |
| 14BQ1A1259 | RT31121 | SOFTWARE ENGINEERING                        | 17       | 45       | 3       |
| 14BQ1A1260 | RT31121 | SOFTWARE ENGINEERING                        | 17       | 5        | 0       |
| 14BQ1A1260 | RT31123 | ADVANCED JAVA                               | 21       | 14       | 0       |
| 14BQ5A1201 | RT31052 | DATA COMMUNICATION                          | 12       | 10       | 0       |
| 14BQ5A1201 | RT31054 | DATABASE MANAGEMENT SYSTEMS                 | 5        | 10       | 0       |
| 14BQ5A1201 | RT31055 | OPERATING SYSTEMS                           | 5        | 0        | 0       |
| 14BQ5A1201 | RT31121 | SOFTWARE ENGINEERING                        | 7        | 25       | 0       |
| 14BQ5A1201 | RT31123 | ADVANCED JAVA                               | 9        | 6        | 0       |
| 15BQ1A0101 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 39       | 3       |
| 15BQ1A0101 | RT31012 | STRUCTURAL ANALYSIS-II                      | 22       | 44       | 3       |
| 15BQ1A0101 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 23       | 42       | 3       |
| 15BQ1A0101 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 35       | 3       |
| 15BQ1A0101 | RT31015 | TRANSPORTATION ENGINEERING-I                | 24       | 38       | 3       |
| 15BQ1A0101 | RT31016 | IPR & PATENTS                               | 28       | 34       | 2       |
| 15BQ1A0101 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 45       | 2       |
| 15BQ1A0101 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 46       | 2       |
| 15BQ1A0103 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 29       | 56       | 3       |
| 15BQ1A0103 | RT31012 | STRUCTURAL ANALYSIS-II                      | 30       | 58       | 3       |
| 15BQ1A0103 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 29       | 35       | 3       |
| 15BQ1A0103 | RT31014 | ENGINEERING GEOLOGY                         | 25       | 64       | 3       |
| 15BQ1A0103 | RT31015 | TRANSPORTATION ENGINEERING-I                | 25       | 38       | 3       |
| 15BQ1A0103 | RT31016 | IPR & PATENTS                               | 26       | 36       | 2       |
| 15BQ1A0103 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 46       | 2       |
| 15BQ1A0103 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 48       | 2       |
| 15BQ1A0104 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 17       | 12       | 0       |
| 15BQ1A0104 | RT31012 | STRUCTURAL ANALYSIS-II                      | 16       | 12       | 0       |
| 15BQ1A0104 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 22       | 0       |
| 15BQ1A0104 | RT31014 | ENGINEERING GEOLOGY                         | 21       | 30       | 3       |
| 15BQ1A0104 | RT31015 | TRANSPORTATION ENGINEERING-I                | 17       | 24       | 3       |
| 15BQ1A0104 | RT31016 | IPR & PATENTS                               | 17       | 25       | 2       |
| 15BQ1A0104 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 18       | 45       | 2       |
| 15BQ1A0104 | RT31018 | ENGINEERING GEOLOGY LAB                     | 13       | 37       | 2       |
| 15BQ1A0105 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 42       | 3       |
| 15BQ1A0105 | RT31012 | STRUCTURAL ANALYSIS-II                      | 21       | 41       | 3       |
| 15BQ1A0105 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 20       | 0       |
| 15BQ1A0105 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 43       | 3       |
| 15BQ1A0105 | RT31015 | TRANSPORTATION ENGINEERING-I                | 27       | 46       | 3       |
| 15BQ1A0105 | RT31016 | IPR & PATENTS                               | 24       | 35       | 2       |
| 15BQ1A0105 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 44       | 2       |
| 15BQ1A0105 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 15BQ1A0106 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 17       | 31       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0106 | RT31012 | STRUCTURAL ANALYSIS-II                      | 18       | 40       | 3       |
| 15BQ1A0106 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 15       | 0       |
| 15BQ1A0106 | RT31014 | ENGINEERING GEOLOGY                         | 19       | 24       | 3       |
| 15BQ1A0106 | RT31015 | TRANSPORTATION ENGINEERING-I                | 18       | 28       | 3       |
| 15BQ1A0106 | RT31016 | IPR & PATENTS                               | 17       | 28       | 2       |
| 15BQ1A0106 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 46       | 2       |
| 15BQ1A0106 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 15BQ1A0107 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 29       | 70       | 3       |
| 15BQ1A0107 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 42       | 3       |
| 15BQ1A0107 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 54       | 3       |
| 15BQ1A0107 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 64       | 3       |
| 15BQ1A0107 | RT31015 | TRANSPORTATION ENGINEERING-I                | 27       | 45       | 3       |
| 15BQ1A0107 | RT31016 | IPR & PATENTS                               | 22       | 39       | 2       |
| 15BQ1A0107 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 49       | 2       |
| 15BQ1A0107 | RT31018 | ENGINEERING GEOLOGY LAB                     | 25       | 49       | 2       |
| 15BQ1A0108 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 53       | 3       |
| 15BQ1A0108 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 35       | 3       |
| 15BQ1A0108 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 25       | 47       | 3       |
| 15BQ1A0108 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 40       | 3       |
| 15BQ1A0108 | RT31015 | TRANSPORTATION ENGINEERING-I                | 26       | 51       | 3       |
| 15BQ1A0108 | RT31016 | IPR & PATENTS                               | 22       | 38       | 2       |
| 15BQ1A0108 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 46       | 2       |
| 15BQ1A0108 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 15BQ1A0109 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 29       | 47       | 3       |
| 15BQ1A0109 | RT31012 | STRUCTURAL ANALYSIS-II                      | 28       | 45       | 3       |
| 15BQ1A0109 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 54       | 3       |
| 15BQ1A0109 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 51       | 3       |
| 15BQ1A0109 | RT31015 | TRANSPORTATION ENGINEERING-I                | 24       | 49       | 3       |
| 15BQ1A0109 | RT31016 | IPR & PATENTS                               | 26       | 37       | 2       |
| 15BQ1A0109 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 46       | 2       |
| 15BQ1A0109 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 48       | 2       |
| 15BQ1A0110 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 19       | 0        | 0       |
| 15BQ1A0110 | RT31012 | STRUCTURAL ANALYSIS-II                      | 17       | 33       | 3       |
| 15BQ1A0110 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 16       | 0       |
| 15BQ1A0110 | RT31014 | ENGINEERING GEOLOGY                         | 14       | 12       | 0       |
| 15BQ1A0110 | RT31015 | TRANSPORTATION ENGINEERING-I                | 17       | 14       | 0       |
| 15BQ1A0110 | RT31016 | IPR & PATENTS                               | 17       | 32       | 2       |
| 15BQ1A0110 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 18       | 45       | 2       |
| 15BQ1A0110 | RT31018 | ENGINEERING GEOLOGY LAB                     | 12       | 38       | 2       |
| 15BQ1A0111 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 29       | 53       | 3       |
| 15BQ1A0111 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 64       | 3       |
| 15BQ1A0111 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 36       | 3       |
| 15BQ1A0111 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 46       | 3       |
| 15BQ1A0111 | RT31015 | TRANSPORTATION ENGINEERING-I                | 26       | 33       | 3       |
| 15BQ1A0111 | RT31016 | IPR & PATENTS                               | 28       | 40       | 2       |
| 15BQ1A0111 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 45       | 2       |
| 15BQ1A0111 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 15BQ1A0113 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 29       | 36       | 3       |
| 15BQ1A0113 | RT31012 | STRUCTURAL ANALYSIS-II                      | 28       | 31       | 3       |
| 15BQ1A0113 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 47       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0113 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 42       | 3       |
| 15BQ1A0113 | RT31015 | TRANSPORTATION ENGINEERING-I                | 20       | 46       | 3       |
| 15BQ1A0113 | RT31016 | IPR & PATENTS                               | 27       | 32       | 2       |
| 15BQ1A0113 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 46       | 2       |
| 15BQ1A0113 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 48       | 2       |
| 15BQ1A0114 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 24       | 3       |
| 15BQ1A0114 | RT31012 | STRUCTURAL ANALYSIS-II                      | 22       | 32       | 3       |
| 15BQ1A0114 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 36       | 3       |
| 15BQ1A0114 | RT31014 | ENGINEERING GEOLOGY                         | 25       | 38       | 3       |
| 15BQ1A0114 | RT31015 | TRANSPORTATION ENGINEERING-I                | 21       | 35       | 3       |
| 15BQ1A0114 | RT31016 | IPR & PATENTS                               | 21       | 25       | 2       |
| 15BQ1A0114 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 40       | 2       |
| 15BQ1A0114 | RT31018 | ENGINEERING GEOLOGY LAB                     | 21       | 44       | 2       |
| 15BQ1A0115 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 19       | 14       | 0       |
| 15BQ1A0115 | RT31012 | STRUCTURAL ANALYSIS-II                      | 19       | 15       | 0       |
| 15BQ1A0115 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 31       | 3       |
| 15BQ1A0115 | RT31014 | ENGINEERING GEOLOGY                         | 18       | 32       | 3       |
| 15BQ1A0115 | RT31015 | TRANSPORTATION ENGINEERING-I                | 20       | 26       | 3       |
| 15BQ1A0115 | RT31016 | IPR & PATENTS                               | 16       | 35       | 2       |
| 15BQ1A0115 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 40       | 2       |
| 15BQ1A0115 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 44       | 2       |
| 15BQ1A0116 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 55       | 3       |
| 15BQ1A0116 | RT31012 | STRUCTURAL ANALYSIS-II                      | 29       | 50       | 3       |
| 15BQ1A0116 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 35       | 3       |
| 15BQ1A0116 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 50       | 3       |
| 15BQ1A0116 | RT31015 | TRANSPORTATION ENGINEERING-I                | 26       | 42       | 3       |
| 15BQ1A0116 | RT31016 | IPR & PATENTS                               | 21       | 41       | 2       |
| 15BQ1A0116 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 45       | 2       |
| 15BQ1A0116 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 48       | 2       |
| 15BQ1A0117 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 25       | 8        | 0       |
| 15BQ1A0117 | RT31012 | STRUCTURAL ANALYSIS-II                      | 23       | 24       | 3       |
| 15BQ1A0117 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 20       | 0       |
| 15BQ1A0117 | RT31014 | ENGINEERING GEOLOGY                         | 24       | 27       | 3       |
| 15BQ1A0117 | RT31015 | TRANSPORTATION ENGINEERING-I                | 20       | 19       | 0       |
| 15BQ1A0117 | RT31016 | IPR & PATENTS                               | 16       | 25       | 2       |
| 15BQ1A0117 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 48       | 2       |
| 15BQ1A0117 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 44       | 2       |
| 15BQ1A0118 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 30       | 36       | 3       |
| 15BQ1A0118 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 29       | 3       |
| 15BQ1A0118 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 18       | 15       | 0       |
| 15BQ1A0118 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 32       | 3       |
| 15BQ1A0118 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 40       | 3       |
| 15BQ1A0118 | RT31016 | IPR & PATENTS                               | 25       | 32       | 2       |
| 15BQ1A0118 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 46       | 2       |
| 15BQ1A0118 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 45       | 2       |
| 15BQ1A0119 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 18       | 0        | 0       |
| 15BQ1A0119 | RT31012 | STRUCTURAL ANALYSIS-II                      | 16       | 38       | 3       |
| 15BQ1A0119 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 17       | 24       | 3       |
| 15BQ1A0119 | RT31014 | ENGINEERING GEOLOGY                         | 20       | 24       | 3       |
| 15BQ1A0119 | RT31015 | TRANSPORTATION ENGINEERING-I                | 17       | 13       | 0       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0119 | RT31016 | IPR & PATENTS                               | 17       | 32       | 2       |
| 15BQ1A0119 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 44       | 2       |
| 15BQ1A0119 | RT31018 | ENGINEERING GEOLOGY LAB                     | 21       | 46       | 2       |
| 15BQ1A0120 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 26       | 3       |
| 15BQ1A0120 | RT31012 | STRUCTURAL ANALYSIS-II                      | 23       | 55       | 3       |
| 15BQ1A0120 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 31       | 3       |
| 15BQ1A0120 | RT31014 | ENGINEERING GEOLOGY                         | 25       | 47       | 3       |
| 15BQ1A0120 | RT31015 | TRANSPORTATION ENGINEERING-I                | 19       | 48       | 3       |
| 15BQ1A0120 | RT31016 | IPR & PATENTS                               | 24       | 35       | 2       |
| 15BQ1A0120 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 17       | 43       | 2       |
| 15BQ1A0120 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 46       | 2       |
| 15BQ1A0121 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 25       | 55       | 3       |
| 15BQ1A0121 | RT31012 | STRUCTURAL ANALYSIS-II                      | 23       | 27       | 3       |
| 15BQ1A0121 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 35       | 3       |
| 15BQ1A0121 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 34       | 3       |
| 15BQ1A0121 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 32       | 3       |
| 15BQ1A0121 | RT31016 | IPR & PATENTS                               | 21       | 34       | 2       |
| 15BQ1A0121 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 18       | 45       | 2       |
| 15BQ1A0121 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 48       | 2       |
| 15BQ1A0122 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 35       | 3       |
| 15BQ1A0122 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 29       | 3       |
| 15BQ1A0122 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 36       | 3       |
| 15BQ1A0122 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 44       | 3       |
| 15BQ1A0122 | RT31015 | TRANSPORTATION ENGINEERING-I                | 27       | 60       | 3       |
| 15BQ1A0122 | RT31016 | IPR & PATENTS                               | 26       | 31       | 2       |
| 15BQ1A0122 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 48       | 2       |
| 15BQ1A0122 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 15BQ1A0123 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 30       | 3       |
| 15BQ1A0123 | RT31012 | STRUCTURAL ANALYSIS-II                      | 24       | 40       | 3       |
| 15BQ1A0123 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 23       | 30       | 3       |
| 15BQ1A0123 | RT31014 | ENGINEERING GEOLOGY                         | 30       | 42       | 3       |
| 15BQ1A0123 | RT31015 | TRANSPORTATION ENGINEERING-I                | 24       | 28       | 3       |
| 15BQ1A0123 | RT31016 | IPR & PATENTS                               | 24       | 31       | 2       |
| 15BQ1A0123 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 45       | 2       |
| 15BQ1A0123 | RT31018 | ENGINEERING GEOLOGY LAB                     | 21       | 46       | 2       |
| 15BQ1A0125 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 46       | 3       |
| 15BQ1A0125 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 58       | 3       |
| 15BQ1A0125 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 33       | 3       |
| 15BQ1A0125 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 55       | 3       |
| 15BQ1A0125 | RT31015 | TRANSPORTATION ENGINEERING-I                | 26       | 45       | 3       |
| 15BQ1A0125 | RT31016 | IPR & PATENTS                               | 28       | 40       | 2       |
| 15BQ1A0125 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 25       | 46       | 2       |
| 15BQ1A0125 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 48       | 2       |
| 15BQ1A0126 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 21       | 37       | 3       |
| 15BQ1A0126 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 30       | 3       |
| 15BQ1A0126 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 25       | 40       | 3       |
| 15BQ1A0126 | RT31014 | ENGINEERING GEOLOGY                         | 21       | 28       | 3       |
| 15BQ1A0126 | RT31015 | TRANSPORTATION ENGINEERING-I                | 18       | 34       | 3       |
| 15BQ1A0126 | RT31016 | IPR & PATENTS                               | 24       | 35       | 2       |
| 15BQ1A0126 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 45       | 2       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0126 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 15BQ1A0128 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 31       | 3       |
| 15BQ1A0128 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 47       | 3       |
| 15BQ1A0128 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 23       | 31       | 3       |
| 15BQ1A0128 | RT31014 | ENGINEERING GEOLOGY                         | 25       | 39       | 3       |
| 15BQ1A0128 | RT31015 | TRANSPORTATION ENGINEERING-I                | 21       | 46       | 3       |
| 15BQ1A0128 | RT31016 | IPR & PATENTS                               | 25       | 25       | 2       |
| 15BQ1A0128 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 44       | 2       |
| 15BQ1A0128 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 48       | 2       |
| 15BQ1A0129 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 68       | 3       |
| 15BQ1A0129 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 52       | 3       |
| 15BQ1A0129 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 42       | 3       |
| 15BQ1A0129 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 38       | 3       |
| 15BQ1A0129 | RT31015 | TRANSPORTATION ENGINEERING-I                | 26       | 35       | 3       |
| 15BQ1A0129 | RT31016 | IPR & PATENTS                               | 26       | 34       | 2       |
| 15BQ1A0129 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 46       | 2       |
| 15BQ1A0129 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 49       | 2       |
| 15BQ1A0130 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 25       | 35       | 3       |
| 15BQ1A0130 | RT31012 | STRUCTURAL ANALYSIS-II                      | 23       | 61       | 3       |
| 15BQ1A0130 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 22       | 0       |
| 15BQ1A0130 | RT31014 | ENGINEERING GEOLOGY                         | 30       | 48       | 3       |
| 15BQ1A0130 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 43       | 3       |
| 15BQ1A0130 | RT31016 | IPR & PATENTS                               | 25       | 35       | 2       |
| 15BQ1A0130 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 43       | 2       |
| 15BQ1A0130 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 15BQ1A0131 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 22       | 35       | 3       |
| 15BQ1A0131 | RT31012 | STRUCTURAL ANALYSIS-II                      | 19       | 24       | 3       |
| 15BQ1A0131 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 35       | 3       |
| 15BQ1A0131 | RT31014 | ENGINEERING GEOLOGY                         | 22       | 28       | 3       |
| 15BQ1A0131 | RT31015 | TRANSPORTATION ENGINEERING-I                | 16       | 24       | 3       |
| 15BQ1A0131 | RT31016 | IPR & PATENTS                               | 16       | 25       | 2       |
| 15BQ1A0131 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 41       | 2       |
| 15BQ1A0131 | RT31018 | ENGINEERING GEOLOGY LAB                     | 17       | 40       | 2       |
| 15BQ1A0132 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 21       | 0        | 0       |
| 15BQ1A0132 | RT31012 | STRUCTURAL ANALYSIS-II                      | 20       | 9        | 0       |
| 15BQ1A0132 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 20       | 0        | 0       |
| 15BQ1A0132 | RT31014 | ENGINEERING GEOLOGY                         | 21       | 21       | 0       |
| 15BQ1A0132 | RT31015 | TRANSPORTATION ENGINEERING-I                | 20       | 11       | 0       |
| 15BQ1A0132 | RT31016 | IPR & PATENTS                               | 20       | 19       | 0       |
| 15BQ1A0132 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 45       | 2       |
| 15BQ1A0132 | RT31018 | ENGINEERING GEOLOGY LAB                     | 16       | 42       | 2       |
| 15BQ1A0133 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 17       | 7        | 0       |
| 15BQ1A0133 | RT31012 | STRUCTURAL ANALYSIS-II                      | 17       | 35       | 3       |
| 15BQ1A0133 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 16       | 0       |
| 15BQ1A0133 | RT31014 | ENGINEERING GEOLOGY                         | 16       | 17       | 0       |
| 15BQ1A0133 | RT31015 | TRANSPORTATION ENGINEERING-I                | 17       | 12       | 0       |
| 15BQ1A0133 | RT31016 | IPR & PATENTS                               | 17       | 26       | 2       |
| 15BQ1A0133 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 39       | 2       |
| 15BQ1A0133 | RT31018 | ENGINEERING GEOLOGY LAB                     | 15       | 40       | 2       |
| 15BQ1A0134 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 25       | 41       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0134 | RT31012 | STRUCTURAL ANALYSIS-II                      | 24       | 37       | 3       |
| 15BQ1A0134 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 17       | 0       |
| 15BQ1A0134 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 31       | 3       |
| 15BQ1A0134 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 46       | 3       |
| 15BQ1A0134 | RT31016 | IPR & PATENTS                               | 23       | 36       | 2       |
| 15BQ1A0134 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 45       | 2       |
| 15BQ1A0134 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 48       | 2       |
| 15BQ1A0135 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 59       | 3       |
| 15BQ1A0135 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 36       | 3       |
| 15BQ1A0135 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 31       | 3       |
| 15BQ1A0135 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 38       | 3       |
| 15BQ1A0135 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 42       | 3       |
| 15BQ1A0135 | RT31016 | IPR & PATENTS                               | 20       | 49       | 2       |
| 15BQ1A0135 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 48       | 2       |
| 15BQ1A0135 | RT31018 | ENGINEERING GEOLOGY LAB                     | 25       | 49       | 2       |
| 15BQ1A0136 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 23       | 9        | 0       |
| 15BQ1A0136 | RT31012 | STRUCTURAL ANALYSIS-II                      | 18       | 11       | 0       |
| 15BQ1A0136 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 12       | 0       |
| 15BQ1A0136 | RT31014 | ENGINEERING GEOLOGY                         | 20       | 26       | 3       |
| 15BQ1A0136 | RT31015 | TRANSPORTATION ENGINEERING-I                | 19       | 32       | 3       |
| 15BQ1A0136 | RT31016 | IPR & PATENTS                               | 18       | 24       | 2       |
| 15BQ1A0136 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 41       | 2       |
| 15BQ1A0136 | RT31018 | ENGINEERING GEOLOGY LAB                     | 19       | 43       | 2       |
| 15BQ1A0138 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 40       | 3       |
| 15BQ1A0138 | RT31012 | STRUCTURAL ANALYSIS-II                      | 22       | 46       | 3       |
| 15BQ1A0138 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 17       | 25       | 3       |
| 15BQ1A0138 | RT31014 | ENGINEERING GEOLOGY                         | 23       | 27       | 3       |
| 15BQ1A0138 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 35       | 3       |
| 15BQ1A0138 | RT31016 | IPR & PATENTS                               | 22       | 29       | 2       |
| 15BQ1A0138 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 42       | 2       |
| 15BQ1A0138 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 46       | 2       |
| 15BQ1A0139 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 44       | 3       |
| 15BQ1A0139 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 58       | 3       |
| 15BQ1A0139 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 31       | 3       |
| 15BQ1A0139 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 48       | 3       |
| 15BQ1A0139 | RT31015 | TRANSPORTATION ENGINEERING-I                | 25       | 36       | 3       |
| 15BQ1A0139 | RT31016 | IPR & PATENTS                               | 27       | 38       | 2       |
| 15BQ1A0139 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 45       | 2       |
| 15BQ1A0139 | RT31018 | ENGINEERING GEOLOGY LAB                     | 21       | 48       | 2       |
| 15BQ1A0140 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 22       | 35       | 3       |
| 15BQ1A0140 | RT31012 | STRUCTURAL ANALYSIS-II                      | 23       | 33       | 3       |
| 15BQ1A0140 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 33       | 3       |
| 15BQ1A0140 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 28       | 3       |
| 15BQ1A0140 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 33       | 3       |
| 15BQ1A0140 | RT31016 | IPR & PATENTS                               | 23       | 35       | 2       |
| 15BQ1A0140 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 46       | 2       |
| 15BQ1A0140 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 15BQ1A0141 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 28       | 3       |
| 15BQ1A0141 | RT31012 | STRUCTURAL ANALYSIS-II                      | 30       | 33       | 3       |
| 15BQ1A0141 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 39       | 3       |



| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0141 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 43       | 3       |
| 15BQ1A0141 | RT31015 | TRANSPORTATION ENGINEERING-I                | 27       | 57       | 3       |
| 15BQ1A0141 | RT31016 | IPR & PATENTS                               | 29       | 33       | 2       |
| 15BQ1A0141 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 45       | 2       |
| 15BQ1A0141 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 15BQ1A0142 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 29       | 57       | 3       |
| 15BQ1A0142 | RT31012 | STRUCTURAL ANALYSIS-II                      | 29       | 48       | 3       |
| 15BQ1A0142 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 44       | 3       |
| 15BQ1A0142 | RT31014 | ENGINEERING GEOLOGY                         | 30       | 41       | 3       |
| 15BQ1A0142 | RT31015 | TRANSPORTATION ENGINEERING-I                | 25       | 37       | 3       |
| 15BQ1A0142 | RT31016 | IPR & PATENTS                               | 29       | 46       | 2       |
| 15BQ1A0142 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 44       | 2       |
| 15BQ1A0142 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 15BQ1A0143 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 62       | 3       |
| 15BQ1A0143 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 53       | 3       |
| 15BQ1A0143 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 52       | 3       |
| 15BQ1A0143 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 70       | 3       |
| 15BQ1A0143 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 48       | 3       |
| 15BQ1A0143 | RT31016 | IPR & PATENTS                               | 19       | 34       | 2       |
| 15BQ1A0143 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 48       | 2       |
| 15BQ1A0143 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 15BQ1A0144 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 22       | 12       | 0       |
| 15BQ1A0144 | RT31012 | STRUCTURAL ANALYSIS-II                      | 16       | 25       | 3       |
| 15BQ1A0144 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 17       | 33       | 3       |
| 15BQ1A0144 | RT31014 | ENGINEERING GEOLOGY                         | 24       | 29       | 3       |
| 15BQ1A0144 | RT31015 | TRANSPORTATION ENGINEERING-I                | 19       | 31       | 3       |
| 15BQ1A0144 | RT31016 | IPR & PATENTS                               | 20       | 37       | 2       |
| 15BQ1A0144 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 18       | 40       | 2       |
| 15BQ1A0144 | RT31018 | ENGINEERING GEOLOGY LAB                     | 16       | 40       | 2       |
| 15BQ1A0145 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 21       | 24       | 3       |
| 15BQ1A0145 | RT31012 | STRUCTURAL ANALYSIS-II                      | 17       | 20       | 0       |
| 15BQ1A0145 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 26       | 3       |
| 15BQ1A0145 | RT31014 | ENGINEERING GEOLOGY                         | 17       | 25       | 3       |
| 15BQ1A0145 | RT31015 | TRANSPORTATION ENGINEERING-I                | 16       | 15       | 0       |
| 15BQ1A0145 | RT31016 | IPR & PATENTS                               | 17       | 26       | 2       |
| 15BQ1A0145 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 15       | 48       | 2       |
| 15BQ1A0145 | RT31018 | ENGINEERING GEOLOGY LAB                     | 17       | 41       | 2       |
| 15BQ1A0146 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 31       | 3       |
| 15BQ1A0146 | RT31012 | STRUCTURAL ANALYSIS-II                      | 19       | 30       | 3       |
| 15BQ1A0146 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 20       | 29       | 3       |
| 15BQ1A0146 | RT31014 | ENGINEERING GEOLOGY                         | 25       | 27       | 3       |
| 15BQ1A0146 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 42       | 3       |
| 15BQ1A0146 | RT31016 | IPR & PATENTS                               | 22       | 32       | 2       |
| 15BQ1A0146 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 16       | 45       | 2       |
| 15BQ1A0146 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 43       | 2       |
| 15BQ1A0147 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 16       | 0        | 0       |
| 15BQ1A0147 | RT31012 | STRUCTURAL ANALYSIS-II                      | 16       | 11       | 0       |
| 15BQ1A0147 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 4        | 0       |
| 15BQ1A0147 | RT31014 | ENGINEERING GEOLOGY                         | 18       | 31       | 3       |
| 15BQ1A0147 | RT31015 | TRANSPORTATION ENGINEERING-I                | 17       | 37       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0147 | RT31016 | IPR & PATENTS                               | 16       | 26       | 2       |
| 15BQ1A0147 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 15       | 41       | 2       |
| 15BQ1A0147 | RT31018 | ENGINEERING GEOLOGY LAB                     | 16       | 38       | 2       |
| 15BQ1A0148 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 18       | 37       | 3       |
| 15BQ1A0148 | RT31012 | STRUCTURAL ANALYSIS-II                      | 17       | 13       | 0       |
| 15BQ1A0148 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 24       | 3       |
| 15BQ1A0148 | RT31014 | ENGINEERING GEOLOGY                         | 22       | 26       | 3       |
| 15BQ1A0148 | RT31015 | TRANSPORTATION ENGINEERING-I                | 16       | 24       | 3       |
| 15BQ1A0148 | RT31016 | IPR & PATENTS                               | 17       | 27       | 2       |
| 15BQ1A0148 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 15       | 40       | 2       |
| 15BQ1A0148 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 44       | 2       |
| 15BQ1A0149 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 33       | 3       |
| 15BQ1A0149 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 33       | 3       |
| 15BQ1A0149 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 39       | 3       |
| 15BQ1A0149 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 33       | 3       |
| 15BQ1A0149 | RT31015 | TRANSPORTATION ENGINEERING-I                | 21       | 51       | 3       |
| 15BQ1A0149 | RT31016 | IPR & PATENTS                               | 25       | 32       | 2       |
| 15BQ1A0149 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 47       | 2       |
| 15BQ1A0149 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 48       | 2       |
| 15BQ1A0150 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 16       | 0        | 0       |
| 15BQ1A0150 | RT31012 | STRUCTURAL ANALYSIS-II                      | 17       | 24       | 3       |
| 15BQ1A0150 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 30       | 3       |
| 15BQ1A0150 | RT31014 | ENGINEERING GEOLOGY                         | 18       | 24       | 3       |
| 15BQ1A0150 | RT31015 | TRANSPORTATION ENGINEERING-I                | 17       | 24       | 3       |
| 15BQ1A0150 | RT31016 | IPR & PATENTS                               | 18       | 34       | 2       |
| 15BQ1A0150 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 42       | 2       |
| 15BQ1A0150 | RT31018 | ENGINEERING GEOLOGY LAB                     | 17       | 44       | 2       |
| 15BQ1A0151 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 17       | 14       | 0       |
| 15BQ1A0151 | RT31012 | STRUCTURAL ANALYSIS-II                      | 17       | 37       | 3       |
| 15BQ1A0151 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 20       | 0       |
| 15BQ1A0151 | RT31014 | ENGINEERING GEOLOGY                         | 18       | 47       | 3       |
| 15BQ1A0151 | RT31015 | TRANSPORTATION ENGINEERING-I                | 16       | 45       | 3       |
| 15BQ1A0151 | RT31016 | IPR & PATENTS                               | 17       | 35       | 2       |
| 15BQ1A0151 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 48       | 2       |
| 15BQ1A0151 | RT31018 | ENGINEERING GEOLOGY LAB                     | 16       | 43       | 2       |
| 15BQ1A0152 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 37       | 3       |
| 15BQ1A0152 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 31       | 3       |
| 15BQ1A0152 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 33       | 3       |
| 15BQ1A0152 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 40       | 3       |
| 15BQ1A0152 | RT31015 | TRANSPORTATION ENGINEERING-I                | 19       | 34       | 3       |
| 15BQ1A0152 | RT31016 | IPR & PATENTS                               | 26       | 36       | 2       |
| 15BQ1A0152 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 48       | 2       |
| 15BQ1A0152 | RT31018 | ENGINEERING GEOLOGY LAB                     | 19       | 41       | 2       |
| 15BQ1A0153 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 24       | 32       | 3       |
| 15BQ1A0153 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 29       | 3       |
| 15BQ1A0153 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 36       | 3       |
| 15BQ1A0153 | RT31014 | ENGINEERING GEOLOGY                         | 23       | 34       | 3       |
| 15BQ1A0153 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 45       | 3       |
| 15BQ1A0153 | RT31016 | IPR & PATENTS                               | 26       | 28       | 2       |
| 15BQ1A0153 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 45       | 2       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0153 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 48       | 2       |
| 15BQ1A0154 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 54       | 3       |
| 15BQ1A0154 | RT31012 | STRUCTURAL ANALYSIS-II                      | 28       | 38       | 3       |
| 15BQ1A0154 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 42       | 3       |
| 15BQ1A0154 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 41       | 3       |
| 15BQ1A0154 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 56       | 3       |
| 15BQ1A0154 | RT31016 | IPR & PATENTS                               | 23       | 38       | 2       |
| 15BQ1A0154 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 47       | 2       |
| 15BQ1A0154 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 15BQ1A0155 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 59       | 3       |
| 15BQ1A0155 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 63       | 3       |
| 15BQ1A0155 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 18       | 42       | 3       |
| 15BQ1A0155 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 60       | 3       |
| 15BQ1A0155 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 44       | 3       |
| 15BQ1A0155 | RT31016 | IPR & PATENTS                               | 19       | 35       | 2       |
| 15BQ1A0155 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 47       | 2       |
| 15BQ1A0155 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 48       | 2       |
| 15BQ1A0156 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 51       | 3       |
| 15BQ1A0156 | RT31012 | STRUCTURAL ANALYSIS-II                      | 24       | 32       | 3       |
| 15BQ1A0156 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 23       | 43       | 3       |
| 15BQ1A0156 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 39       | 3       |
| 15BQ1A0156 | RT31015 | TRANSPORTATION ENGINEERING-I                | 21       | 35       | 3       |
| 15BQ1A0156 | RT31016 | IPR & PATENTS                               | 22       | 45       | 2       |
| 15BQ1A0156 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 48       | 2       |
| 15BQ1A0156 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 48       | 2       |
| 15BQ1A0157 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 40       | 3       |
| 15BQ1A0157 | RT31012 | STRUCTURAL ANALYSIS-II                      | 29       | 29       | 3       |
| 15BQ1A0157 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 34       | 3       |
| 15BQ1A0157 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 39       | 3       |
| 15BQ1A0157 | RT31015 | TRANSPORTATION ENGINEERING-I                | 24       | 44       | 3       |
| 15BQ1A0157 | RT31016 | IPR & PATENTS                               | 27       | 35       | 2       |
| 15BQ1A0157 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 47       | 2       |
| 15BQ1A0157 | RT31018 | ENGINEERING GEOLOGY LAB                     | 25       | 49       | 2       |
| 15BQ1A0158 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 25       | 39       | 3       |
| 15BQ1A0158 | RT31012 | STRUCTURAL ANALYSIS-II                      | 22       | 37       | 3       |
| 15BQ1A0158 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 55       | 3       |
| 15BQ1A0158 | RT31014 | ENGINEERING GEOLOGY                         | 21       | 37       | 3       |
| 15BQ1A0158 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 33       | 3       |
| 15BQ1A0158 | RT31016 | IPR & PATENTS                               | 22       | 31       | 2       |
| 15BQ1A0158 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 45       | 2       |
| 15BQ1A0158 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 45       | 2       |
| 15BQ1A0159 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 29       | 47       | 3       |
| 15BQ1A0159 | RT31012 | STRUCTURAL ANALYSIS-II                      | 27       | 67       | 3       |
| 15BQ1A0159 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 47       | 3       |
| 15BQ1A0159 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 42       | 3       |
| 15BQ1A0159 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 40       | 3       |
| 15BQ1A0159 | RT31016 | IPR & PATENTS                               | 27       | 40       | 2       |
| 15BQ1A0159 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 48       | 2       |
| 15BQ1A0159 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 46       | 2       |
| 15BQ1A0160 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 25       | 53       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
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| 15BQ1A0160 | RT31012 | STRUCTURAL ANALYSIS-II                      | 23       | 36       | 3       |
| 15BQ1A0160 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 46       | 3       |
| 15BQ1A0160 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 41       | 3       |
| 15BQ1A0160 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 43       | 3       |
| 15BQ1A0160 | RT31016 | IPR & PATENTS                               | 21       | 44       | 2       |
| 15BQ1A0160 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 48       | 2       |
| 15BQ1A0160 | RT31018 | ENGINEERING GEOLOGY LAB                     | 25       | 49       | 2       |
| 15BQ1A0161 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 25       | 24       | 3       |
| 15BQ1A0161 | RT31012 | STRUCTURAL ANALYSIS-II                      | 20       | 28       | 3       |
| 15BQ1A0161 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 23       | 23       | 0       |
| 15BQ1A0161 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 33       | 3       |
| 15BQ1A0161 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 30       | 3       |
| 15BQ1A0161 | RT31016 | IPR & PATENTS                               | 20       | 34       | 2       |
| 15BQ1A0161 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 45       | 2       |
| 15BQ1A0161 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 46       | 2       |
| 15BQ1A0162 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 50       | 3       |
| 15BQ1A0162 | RT31012 | STRUCTURAL ANALYSIS-II                      | 21       | 38       | 3       |
| 15BQ1A0162 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 17       | 24       | 3       |
| 15BQ1A0162 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 31       | 3       |
| 15BQ1A0162 | RT31015 | TRANSPORTATION ENGINEERING-I                | 28       | 49       | 3       |
| 15BQ1A0162 | RT31016 | IPR & PATENTS                               | 23       | 35       | 2       |
| 15BQ1A0162 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 40       | 2       |
| 15BQ1A0162 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 48       | 2       |
| 15BQ1A0163 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 25       | 44       | 3       |
| 15BQ1A0163 | RT31012 | STRUCTURAL ANALYSIS-II                      | 19       | 39       | 3       |
| 15BQ1A0163 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 20       | 35       | 3       |
| 15BQ1A0163 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 66       | 3       |
| 15BQ1A0163 | RT31015 | TRANSPORTATION ENGINEERING-I                | 20       | 48       | 3       |
| 15BQ1A0163 | RT31016 | IPR & PATENTS                               | 22       | 40       | 2       |
| 15BQ1A0163 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 40       | 2       |
| 15BQ1A0163 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 15BQ1A0164 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 53       | 3       |
| 15BQ1A0164 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 24       | 3       |
| 15BQ1A0164 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 42       | 3       |
| 15BQ1A0164 | RT31014 | ENGINEERING GEOLOGY                         | 24       | 26       | 3       |
| 15BQ1A0164 | RT31015 | TRANSPORTATION ENGINEERING-I                | 28       | 28       | 3       |
| 15BQ1A0164 | RT31016 | IPR & PATENTS                               | 24       | 42       | 2       |
| 15BQ1A0164 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 42       | 2       |
| 15BQ1A0164 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 48       | 2       |
| 15BQ1A0165 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 24       | 29       | 3       |
| 15BQ1A0165 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 53       | 3       |
| 15BQ1A0165 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 20       | 26       | 3       |
| 15BQ1A0165 | RT31014 | ENGINEERING GEOLOGY                         | 24       | 63       | 3       |
| 15BQ1A0165 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 43       | 3       |
| 15BQ1A0165 | RT31016 | IPR & PATENTS                               | 22       | 31       | 2       |
| 15BQ1A0165 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 43       | 2       |
| 15BQ1A0165 | RT31018 | ENGINEERING GEOLOGY LAB                     | 25       | 49       | 2       |
| 15BQ1A0166 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 24       | 14       | 0       |
| 15BQ1A0166 | RT31012 | STRUCTURAL ANALYSIS-II                      | 17       | 30       | 3       |
| 15BQ1A0166 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 20       | 13       | 0       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0166 | RT31014 | ENGINEERING GEOLOGY                         | 23       | 25       | 3       |
| 15BQ1A0166 | RT31015 | TRANSPORTATION ENGINEERING-I                | 18       | 26       | 3       |
| 15BQ1A0166 | RT31016 | IPR & PATENTS                               | 17       | 32       | 2       |
| 15BQ1A0166 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 40       | 2       |
| 15BQ1A0166 | RT31018 | ENGINEERING GEOLOGY LAB                     | 19       | 43       | 2       |
| 15BQ1A0167 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 22       | 24       | 3       |
| 15BQ1A0167 | RT31012 | STRUCTURAL ANALYSIS-II                      | 22       | 35       | 3       |
| 15BQ1A0167 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 43       | 3       |
| 15BQ1A0167 | RT31014 | ENGINEERING GEOLOGY                         | 20       | 62       | 3       |
| 15BQ1A0167 | RT31015 | TRANSPORTATION ENGINEERING-I                | 20       | 51       | 3       |
| 15BQ1A0167 | RT31016 | IPR & PATENTS                               | 21       | 46       | 2       |
| 15BQ1A0167 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 42       | 2       |
| 15BQ1A0167 | RT31018 | ENGINEERING GEOLOGY LAB                     | 21       | 42       | 2       |
| 15BQ1A0168 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 37       | 3       |
| 15BQ1A0168 | RT31012 | STRUCTURAL ANALYSIS-II                      | 20       | 30       | 3       |
| 15BQ1A0168 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 23       | 43       | 3       |
| 15BQ1A0168 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 36       | 3       |
| 15BQ1A0168 | RT31015 | TRANSPORTATION ENGINEERING-I                | 27       | 39       | 3       |
| 15BQ1A0168 | RT31016 | IPR & PATENTS                               | 23       | 36       | 2       |
| 15BQ1A0168 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 47       | 2       |
| 15BQ1A0168 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 15BQ1A0169 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 25       | 14       | 0       |
| 15BQ1A0169 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 30       | 3       |
| 15BQ1A0169 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 25       | 57       | 3       |
| 15BQ1A0169 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 38       | 3       |
| 15BQ1A0169 | RT31015 | TRANSPORTATION ENGINEERING-I                | 26       | 55       | 3       |
| 15BQ1A0169 | RT31016 | IPR & PATENTS                               | 19       | 31       | 2       |
| 15BQ1A0169 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 48       | 2       |
| 15BQ1A0169 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 46       | 2       |
| 15BQ1A0170 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 39       | 3       |
| 15BQ1A0170 | RT31012 | STRUCTURAL ANALYSIS-II                      | 23       | 41       | 3       |
| 15BQ1A0170 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 48       | 3       |
| 15BQ1A0170 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 42       | 3       |
| 15BQ1A0170 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 45       | 3       |
| 15BQ1A0170 | RT31016 | IPR & PATENTS                               | 25       | 38       | 2       |
| 15BQ1A0170 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 46       | 2       |
| 15BQ1A0170 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 15BQ1A0171 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 52       | 3       |
| 15BQ1A0171 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 40       | 3       |
| 15BQ1A0171 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 33       | 3       |
| 15BQ1A0171 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 60       | 3       |
| 15BQ1A0171 | RT31015 | TRANSPORTATION ENGINEERING-I                | 26       | 46       | 3       |
| 15BQ1A0171 | RT31016 | IPR & PATENTS                               | 27       | 43       | 2       |
| 15BQ1A0171 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 48       | 2       |
| 15BQ1A0171 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 44       | 2       |
| 15BQ1A0172 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 70       | 3       |
| 15BQ1A0172 | RT31012 | STRUCTURAL ANALYSIS-II                      | 28       | 45       | 3       |
| 15BQ1A0172 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 60       | 3       |
| 15BQ1A0172 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 49       | 3       |
| 15BQ1A0172 | RT31015 | TRANSPORTATION ENGINEERING-I                | 26       | 48       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0172 | RT31016 | IPR & PATENTS                               | 26       | 45       | 2       |
| 15BQ1A0172 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 47       | 2       |
| 15BQ1A0172 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 46       | 2       |
| 15BQ1A0173 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 53       | 3       |
| 15BQ1A0173 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 35       | 3       |
| 15BQ1A0173 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 23       | 35       | 3       |
| 15BQ1A0173 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 39       | 3       |
| 15BQ1A0173 | RT31015 | TRANSPORTATION ENGINEERING-I                | 25       | 43       | 3       |
| 15BQ1A0173 | RT31016 | IPR & PATENTS                               | 23       | 27       | 2       |
| 15BQ1A0173 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 42       | 2       |
| 15BQ1A0173 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 43       | 2       |
| 15BQ1A0174 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 39       | 3       |
| 15BQ1A0174 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 42       | 3       |
| 15BQ1A0174 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 33       | 3       |
| 15BQ1A0174 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 37       | 3       |
| 15BQ1A0174 | RT31015 | TRANSPORTATION ENGINEERING-I                | 24       | 47       | 3       |
| 15BQ1A0174 | RT31016 | IPR & PATENTS                               | 22       | 31       | 2       |
| 15BQ1A0174 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 48       | 2       |
| 15BQ1A0174 | RT31018 | ENGINEERING GEOLOGY LAB                     | 21       | 46       | 2       |
| 15BQ1A0175 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 22       | 26       | 3       |
| 15BQ1A0175 | RT31012 | STRUCTURAL ANALYSIS-II                      | 20       | 32       | 3       |
| 15BQ1A0175 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 18       | 12       | 0       |
| 15BQ1A0175 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 52       | 3       |
| 15BQ1A0175 | RT31015 | TRANSPORTATION ENGINEERING-I                | 21       | 45       | 3       |
| 15BQ1A0175 | RT31016 | IPR & PATENTS                               | 21       | 42       | 2       |
| 15BQ1A0175 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 39       | 2       |
| 15BQ1A0175 | RT31018 | ENGINEERING GEOLOGY LAB                     | 21       | 44       | 2       |
| 15BQ1A0176 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 16       | 27       | 3       |
| 15BQ1A0176 | RT31012 | STRUCTURAL ANALYSIS-II                      | 14       | 10       | 0       |
| 15BQ1A0176 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 18       | 20       | 0       |
| 15BQ1A0176 | RT31014 | ENGINEERING GEOLOGY                         | 24       | 31       | 3       |
| 15BQ1A0176 | RT31015 | TRANSPORTATION ENGINEERING-I                | 19       | 35       | 3       |
| 15BQ1A0176 | RT31016 | IPR & PATENTS                               | 18       | 27       | 2       |
| 15BQ1A0176 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 43       | 2       |
| 15BQ1A0176 | RT31018 | ENGINEERING GEOLOGY LAB                     | 21       | 44       | 2       |
| 15BQ1A0177 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 28       | 3       |
| 15BQ1A0177 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 36       | 3       |
| 15BQ1A0177 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 57       | 3       |
| 15BQ1A0177 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 36       | 3       |
| 15BQ1A0177 | RT31015 | TRANSPORTATION ENGINEERING-I                | 24       | 45       | 3       |
| 15BQ1A0177 | RT31016 | IPR & PATENTS                               | 25       | 34       | 2       |
| 15BQ1A0177 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 45       | 2       |
| 15BQ1A0177 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 42       | 2       |
| 15BQ1A0178 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 43       | 3       |
| 15BQ1A0178 | RT31012 | STRUCTURAL ANALYSIS-II                      | 21       | 52       | 3       |
| 15BQ1A0178 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 31       | 3       |
| 15BQ1A0178 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 37       | 3       |
| 15BQ1A0178 | RT31015 | TRANSPORTATION ENGINEERING-I                | 26       | 43       | 3       |
| 15BQ1A0178 | RT31016 | IPR & PATENTS                               | 21       | 35       | 2       |
| 15BQ1A0178 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 47       | 2       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0178 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 44       | 2       |
| 15BQ1A0179 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 23       | 35       | 3       |
| 15BQ1A0179 | RT31012 | STRUCTURAL ANALYSIS-II                      | 21       | 32       | 3       |
| 15BQ1A0179 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 13       | 0       |
| 15BQ1A0179 | RT31014 | ENGINEERING GEOLOGY                         | 20       | 41       | 3       |
| 15BQ1A0179 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 44       | 3       |
| 15BQ1A0179 | RT31016 | IPR & PATENTS                               | 19       | 26       | 2       |
| 15BQ1A0179 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 42       | 2       |
| 15BQ1A0179 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 15BQ1A0180 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 24       | 38       | 3       |
| 15BQ1A0180 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 24       | 3       |
| 15BQ1A0180 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 42       | 3       |
| 15BQ1A0180 | RT31014 | ENGINEERING GEOLOGY                         | 25       | 30       | 3       |
| 15BQ1A0180 | RT31015 | TRANSPORTATION ENGINEERING-I                | 25       | 39       | 3       |
| 15BQ1A0180 | RT31016 | IPR & PATENTS                               | 20       | 39       | 2       |
| 15BQ1A0180 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 41       | 2       |
| 15BQ1A0180 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 45       | 2       |
| 15BQ1A0181 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 16       | 17       | 0       |
| 15BQ1A0181 | RT31012 | STRUCTURAL ANALYSIS-II                      | 16       | 8        | 0       |
| 15BQ1A0181 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 17       | 31       | 3       |
| 15BQ1A0181 | RT31014 | ENGINEERING GEOLOGY                         | 20       | 29       | 3       |
| 15BQ1A0181 | RT31015 | TRANSPORTATION ENGINEERING-I                | 16       | 25       | 3       |
| 15BQ1A0181 | RT31016 | IPR & PATENTS                               | 16       | 15       | 0       |
| 15BQ1A0181 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 18       | 40       | 2       |
| 15BQ1A0181 | RT31018 | ENGINEERING GEOLOGY LAB                     | 14       | 36       | 2       |
| 15BQ1A0182 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 39       | 3       |
| 15BQ1A0182 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 52       | 3       |
| 15BQ1A0182 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 38       | 3       |
| 15BQ1A0182 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 48       | 3       |
| 15BQ1A0182 | RT31015 | TRANSPORTATION ENGINEERING-I                | 25       | 40       | 3       |
| 15BQ1A0182 | RT31016 | IPR & PATENTS                               | 27       | 37       | 2       |
| 15BQ1A0182 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 43       | 2       |
| 15BQ1A0182 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 15BQ1A0183 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 24       | 35       | 3       |
| 15BQ1A0183 | RT31012 | STRUCTURAL ANALYSIS-II                      | 24       | 42       | 3       |
| 15BQ1A0183 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 21       | 0       |
| 15BQ1A0183 | RT31014 | ENGINEERING GEOLOGY                         | 21       | 31       | 3       |
| 15BQ1A0183 | RT31015 | TRANSPORTATION ENGINEERING-I                | 20       | 33       | 3       |
| 15BQ1A0183 | RT31016 | IPR & PATENTS                               | 18       | 26       | 2       |
| 15BQ1A0183 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 44       | 2       |
| 15BQ1A0183 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 15BQ1A0184 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 25       | 35       | 3       |
| 15BQ1A0184 | RT31012 | STRUCTURAL ANALYSIS-II                      | 19       | 8        | 0       |
| 15BQ1A0184 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 25       | 35       | 3       |
| 15BQ1A0184 | RT31014 | ENGINEERING GEOLOGY                         | 23       | 27       | 3       |
| 15BQ1A0184 | RT31015 | TRANSPORTATION ENGINEERING-I                | 18       | 26       | 3       |
| 15BQ1A0184 | RT31016 | IPR & PATENTS                               | 17       | 31       | 2       |
| 15BQ1A0184 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 42       | 2       |
| 15BQ1A0184 | RT31018 | ENGINEERING GEOLOGY LAB                     | 13       | 37       | 2       |
| 15BQ1A0185 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 60       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0185 | RT31012 | STRUCTURAL ANALYSIS-II                      | 28       | 48       | 3       |
| 15BQ1A0185 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 70       | 3       |
| 15BQ1A0185 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 56       | 3       |
| 15BQ1A0185 | RT31015 | TRANSPORTATION ENGINEERING-I                | 26       | 67       | 3       |
| 15BQ1A0185 | RT31016 | IPR & PATENTS                               | 25       | 37       | 2       |
| 15BQ1A0185 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 46       | 2       |
| 15BQ1A0185 | RT31018 | ENGINEERING GEOLOGY LAB                     | 25       | 49       | 2       |
| 15BQ1A0186 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 51       | 3       |
| 15BQ1A0186 | RT31012 | STRUCTURAL ANALYSIS-II                      | 28       | 57       | 3       |
| 15BQ1A0186 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 40       | 3       |
| 15BQ1A0186 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 59       | 3       |
| 15BQ1A0186 | RT31015 | TRANSPORTATION ENGINEERING-I                | 29       | 50       | 3       |
| 15BQ1A0186 | RT31016 | IPR & PATENTS                               | 22       | 36       | 2       |
| 15BQ1A0186 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 40       | 2       |
| 15BQ1A0186 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 45       | 2       |
| 15BQ1A0187 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 24       | 3       |
| 15BQ1A0187 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 58       | 3       |
| 15BQ1A0187 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 35       | 3       |
| 15BQ1A0187 | RT31014 | ENGINEERING GEOLOGY                         | 22       | 62       | 3       |
| 15BQ1A0187 | RT31015 | TRANSPORTATION ENGINEERING-I                | 21       | 51       | 3       |
| 15BQ1A0187 | RT31016 | IPR & PATENTS                               | 22       | 43       | 2       |
| 15BQ1A0187 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 43       | 2       |
| 15BQ1A0187 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 45       | 2       |
| 15BQ1A0188 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 18       | 39       | 3       |
| 15BQ1A0188 | RT31012 | STRUCTURAL ANALYSIS-II                      | 16       | 17       | 0       |
| 15BQ1A0188 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 17       | 35       | 3       |
| 15BQ1A0188 | RT31014 | ENGINEERING GEOLOGY                         | 24       | 29       | 3       |
| 15BQ1A0188 | RT31015 | TRANSPORTATION ENGINEERING-I                | 17       | 24       | 3       |
| 15BQ1A0188 | RT31016 | IPR & PATENTS                               | 16       | 28       | 2       |
| 15BQ1A0188 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 18       | 44       | 2       |
| 15BQ1A0188 | RT31018 | ENGINEERING GEOLOGY LAB                     | 17       | 33       | 2       |
| 15BQ1A0189 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 43       | 3       |
| 15BQ1A0189 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 29       | 3       |
| 15BQ1A0189 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 62       | 3       |
| 15BQ1A0189 | RT31014 | ENGINEERING GEOLOGY                         | 30       | 48       | 3       |
| 15BQ1A0189 | RT31015 | TRANSPORTATION ENGINEERING-I                | 28       | 57       | 3       |
| 15BQ1A0189 | RT31016 | IPR & PATENTS                               | 29       | 38       | 2       |
| 15BQ1A0189 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 45       | 2       |
| 15BQ1A0189 | RT31018 | ENGINEERING GEOLOGY LAB                     | 25       | 49       | 2       |
| 15BQ1A0190 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 22       | 24       | 3       |
| 15BQ1A0190 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 32       | 3       |
| 15BQ1A0190 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 34       | 3       |
| 15BQ1A0190 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 39       | 3       |
| 15BQ1A0190 | RT31015 | TRANSPORTATION ENGINEERING-I                | 28       | 39       | 3       |
| 15BQ1A0190 | RT31016 | IPR & PATENTS                               | 28       | 25       | 2       |
| 15BQ1A0190 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 47       | 2       |
| 15BQ1A0190 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 40       | 2       |
| 15BQ1A0191 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 17       | 12       | 0       |
| 15BQ1A0191 | RT31012 | STRUCTURAL ANALYSIS-II                      | 16       | 25       | 3       |
| 15BQ1A0191 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 18       | 13       | 0       |



| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0191 | RT31014 | ENGINEERING GEOLOGY                         | 18       | 21       | 0       |
| 15BQ1A0191 | RT31015 | TRANSPORTATION ENGINEERING-I                | 17       | 20       | 0       |
| 15BQ1A0191 | RT31016 | IPR & PATENTS                               | 16       | 22       | 0       |
| 15BQ1A0191 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 40       | 2       |
| 15BQ1A0191 | RT31018 | ENGINEERING GEOLOGY LAB                     | 15       | 35       | 2       |
| 15BQ1A0192 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 68       | 3       |
| 15BQ1A0192 | RT31012 | STRUCTURAL ANALYSIS-II                      | 29       | 36       | 3       |
| 15BQ1A0192 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 67       | 3       |
| 15BQ1A0192 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 50       | 3       |
| 15BQ1A0192 | RT31015 | TRANSPORTATION ENGINEERING-I                | 27       | 44       | 3       |
| 15BQ1A0192 | RT31016 | IPR & PATENTS                               | 26       | 49       | 2       |
| 15BQ1A0192 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 46       | 2       |
| 15BQ1A0192 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 15BQ1A0193 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 25       | 24       | 3       |
| 15BQ1A0193 | RT31012 | STRUCTURAL ANALYSIS-II                      | 24       | 28       | 3       |
| 15BQ1A0193 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 31       | 3       |
| 15BQ1A0193 | RT31014 | ENGINEERING GEOLOGY                         | 21       | 33       | 3       |
| 15BQ1A0193 | RT31015 | TRANSPORTATION ENGINEERING-I                | 20       | 31       | 3       |
| 15BQ1A0193 | RT31016 | IPR & PATENTS                               | 26       | 28       | 2       |
| 15BQ1A0193 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 46       | 2       |
| 15BQ1A0193 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 48       | 2       |
| 15BQ1A0194 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 43       | 3       |
| 15BQ1A0194 | RT31012 | STRUCTURAL ANALYSIS-II                      | 29       | 35       | 3       |
| 15BQ1A0194 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 44       | 3       |
| 15BQ1A0194 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 45       | 3       |
| 15BQ1A0194 | RT31015 | TRANSPORTATION ENGINEERING-I                | 27       | 64       | 3       |
| 15BQ1A0194 | RT31016 | IPR & PATENTS                               | 25       | 27       | 2       |
| 15BQ1A0194 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 45       | 2       |
| 15BQ1A0194 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 15BQ1A0195 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 24       | 35       | 3       |
| 15BQ1A0195 | RT31012 | STRUCTURAL ANALYSIS-II                      | 18       | 50       | 3       |
| 15BQ1A0195 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 13       | 0       |
| 15BQ1A0195 | RT31014 | ENGINEERING GEOLOGY                         | 21       | 35       | 3       |
| 15BQ1A0195 | RT31015 | TRANSPORTATION ENGINEERING-I                | 18       | 42       | 3       |
| 15BQ1A0195 | RT31016 | IPR & PATENTS                               | 17       | 36       | 2       |
| 15BQ1A0195 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 47       | 2       |
| 15BQ1A0195 | RT31018 | ENGINEERING GEOLOGY LAB                     | 21       | 45       | 2       |
| 15BQ1A0196 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 23       | 50       | 3       |
| 15BQ1A0196 | RT31012 | STRUCTURAL ANALYSIS-II                      | 22       | 37       | 3       |
| 15BQ1A0196 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 65       | 3       |
| 15BQ1A0196 | RT31014 | ENGINEERING GEOLOGY                         | 25       | 30       | 3       |
| 15BQ1A0196 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 39       | 3       |
| 15BQ1A0196 | RT31016 | IPR & PATENTS                               | 25       | 32       | 2       |
| 15BQ1A0196 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 43       | 2       |
| 15BQ1A0196 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 46       | 2       |
| 15BQ1A0197 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 29       | 3       |
| 15BQ1A0197 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 29       | 3       |
| 15BQ1A0197 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 20       | 0       |
| 15BQ1A0197 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 41       | 3       |
| 15BQ1A0197 | RT31015 | TRANSPORTATION ENGINEERING-I                | 27       | 38       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A0197 | RT31016 | IPR & PATENTS                               | 21       | 28       | 2       |
| 15BQ1A0197 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 47       | 2       |
| 15BQ1A0197 | RT31018 | ENGINEERING GEOLOGY LAB                     | 25       | 48       | 2       |
| 15BQ1A0198 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 22       | 24       | 3       |
| 15BQ1A0198 | RT31012 | STRUCTURAL ANALYSIS-II                      | 21       | 36       | 3       |
| 15BQ1A0198 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 25       | 36       | 3       |
| 15BQ1A0198 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 43       | 3       |
| 15BQ1A0198 | RT31015 | TRANSPORTATION ENGINEERING-I                | 28       | 44       | 3       |
| 15BQ1A0198 | RT31016 | IPR & PATENTS                               | 26       | 34       | 2       |
| 15BQ1A0198 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 46       | 2       |
| 15BQ1A0198 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 48       | 2       |
| 15BQ1A0199 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 28       | 3       |
| 15BQ1A0199 | RT31012 | STRUCTURAL ANALYSIS-II                      | 19       | 45       | 3       |
| 15BQ1A0199 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 33       | 3       |
| 15BQ1A0199 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 65       | 3       |
| 15BQ1A0199 | RT31015 | TRANSPORTATION ENGINEERING-I                | 25       | 45       | 3       |
| 15BQ1A0199 | RT31016 | IPR & PATENTS                               | 26       | 43       | 2       |
| 15BQ1A0199 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 18       | 43       | 2       |
| 15BQ1A0199 | RT31018 | ENGINEERING GEOLOGY LAB                     | 25       | 49       | 2       |
| 15BQ1A01A0 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 26       | 3       |
| 15BQ1A01A0 | RT31012 | STRUCTURAL ANALYSIS-II                      | 17       | 14       | 0       |
| 15BQ1A01A0 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 33       | 3       |
| 15BQ1A01A0 | RT31014 | ENGINEERING GEOLOGY                         | 21       | 32       | 3       |
| 15BQ1A01A0 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 17       | 0       |
| 15BQ1A01A0 | RT31016 | IPR & PATENTS                               | 20       | 25       | 2       |
| 15BQ1A01A0 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 42       | 2       |
| 15BQ1A01A0 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 40       | 2       |
| 15BQ1A01A1 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 16       | -1       | 0       |
| 15BQ1A01A1 | RT31012 | STRUCTURAL ANALYSIS-II                      | 17       | -1       | 0       |
| 15BQ1A01A1 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 17       | -1       | 0       |
| 15BQ1A01A1 | RT31014 | ENGINEERING GEOLOGY                         | 17       | -1       | 0       |
| 15BQ1A01A1 | RT31015 | TRANSPORTATION ENGINEERING-I                | 17       | -1       | 0       |
| 15BQ1A01A1 | RT31016 | IPR & PATENTS                               | 16       | -1       | 0       |
| 15BQ1A01A1 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 18       | -1       | 0       |
| 15BQ1A01A1 | RT31018 | ENGINEERING GEOLOGY LAB                     | 12       | -1       | 0       |
| 15BQ1A01A2 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 17       | 0       |
| 15BQ1A01A2 | RT31012 | STRUCTURAL ANALYSIS-II                      | 23       | 40       | 3       |
| 15BQ1A01A2 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 27       | 3       |
| 15BQ1A01A2 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 38       | 3       |
| 15BQ1A01A2 | RT31015 | TRANSPORTATION ENGINEERING-I                | 27       | 30       | 3       |
| 15BQ1A01A2 | RT31016 | IPR & PATENTS                               | 22       | 37       | 2       |
| 15BQ1A01A2 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 40       | 2       |
| 15BQ1A01A2 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 48       | 2       |
| 15BQ1A01A3 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 50       | 3       |
| 15BQ1A01A3 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 53       | 3       |
| 15BQ1A01A3 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 31       | 3       |
| 15BQ1A01A3 | RT31014 | ENGINEERING GEOLOGY                         | 25       | 59       | 3       |
| 15BQ1A01A3 | RT31015 | TRANSPORTATION ENGINEERING-I                | 25       | 50       | 3       |
| 15BQ1A01A3 | RT31016 | IPR & PATENTS                               | 22       | 43       | 2       |
| 15BQ1A01A3 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 18       | 44       | 2       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A01A3 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 45       | 2       |
| 15BQ1A01A4 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 45       | 3       |
| 15BQ1A01A4 | RT31012 | STRUCTURAL ANALYSIS-II                      | 28       | 29       | 3       |
| 15BQ1A01A4 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 40       | 3       |
| 15BQ1A01A4 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 35       | 3       |
| 15BQ1A01A4 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 50       | 3       |
| 15BQ1A01A4 | RT31016 | IPR & PATENTS                               | 26       | 38       | 2       |
| 15BQ1A01A4 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 46       | 2       |
| 15BQ1A01A4 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 48       | 2       |
| 15BQ1A01A5 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 34       | 3       |
| 15BQ1A01A5 | RT31012 | STRUCTURAL ANALYSIS-II                      | 27       | 32       | 3       |
| 15BQ1A01A5 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 34       | 3       |
| 15BQ1A01A5 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 47       | 3       |
| 15BQ1A01A5 | RT31015 | TRANSPORTATION ENGINEERING-I                | 25       | 37       | 3       |
| 15BQ1A01A5 | RT31016 | IPR & PATENTS                               | 26       | 33       | 2       |
| 15BQ1A01A5 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 45       | 2       |
| 15BQ1A01A5 | RT31018 | ENGINEERING GEOLOGY LAB                     | 21       | 47       | 2       |
| 15BQ1A01A6 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 43       | 3       |
| 15BQ1A01A6 | RT31012 | STRUCTURAL ANALYSIS-II                      | 29       | 46       | 3       |
| 15BQ1A01A6 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 45       | 3       |
| 15BQ1A01A6 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 34       | 3       |
| 15BQ1A01A6 | RT31015 | TRANSPORTATION ENGINEERING-I                | 24       | 43       | 3       |
| 15BQ1A01A6 | RT31016 | IPR & PATENTS                               | 27       | 38       | 2       |
| 15BQ1A01A6 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 45       | 2       |
| 15BQ1A01A6 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 46       | 2       |
| 15BQ1A01A7 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 60       | 3       |
| 15BQ1A01A7 | RT31012 | STRUCTURAL ANALYSIS-II                      | 24       | 47       | 3       |
| 15BQ1A01A7 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 44       | 3       |
| 15BQ1A01A7 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 70       | 3       |
| 15BQ1A01A7 | RT31015 | TRANSPORTATION ENGINEERING-I                | 29       | 52       | 3       |
| 15BQ1A01A7 | RT31016 | IPR & PATENTS                               | 28       | 43       | 2       |
| 15BQ1A01A7 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 42       | 2       |
| 15BQ1A01A7 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 46       | 2       |
| 15BQ1A01A8 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 24       | 3       |
| 15BQ1A01A8 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 32       | 3       |
| 15BQ1A01A8 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 33       | 3       |
| 15BQ1A01A8 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 30       | 3       |
| 15BQ1A01A8 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 9        | 0       |
| 15BQ1A01A8 | RT31016 | IPR & PATENTS                               | 18       | 26       | 2       |
| 15BQ1A01A8 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 40       | 2       |
| 15BQ1A01A8 | RT31018 | ENGINEERING GEOLOGY LAB                     | 21       | 42       | 2       |
| 15BQ1A01B0 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 17       | 9        | 0       |
| 15BQ1A01B0 | RT31012 | STRUCTURAL ANALYSIS-II                      | 16       | 24       | 3       |
| 15BQ1A01B0 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 18       | 8        | 0       |
| 15BQ1A01B0 | RT31014 | ENGINEERING GEOLOGY                         | 16       | 25       | 3       |
| 15BQ1A01B0 | RT31015 | TRANSPORTATION ENGINEERING-I                | 17       | 27       | 3       |
| 15BQ1A01B0 | RT31016 | IPR & PATENTS                               | 20       | 14       | 0       |
| 15BQ1A01B0 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 43       | 2       |
| 15BQ1A01B0 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 42       | 2       |
| 15BQ1A01B1 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 16       | 10       | 0       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A01B1 | RT31012 | STRUCTURAL ANALYSIS-II                      | 18       | 27       | 3       |
| 15BQ1A01B1 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 20       | 39       | 3       |
| 15BQ1A01B1 | RT31014 | ENGINEERING GEOLOGY                         | 21       | 24       | 3       |
| 15BQ1A01B1 | RT31015 | TRANSPORTATION ENGINEERING-I                | 11       | 22       | 0       |
| 15BQ1A01B1 | RT31016 | IPR & PATENTS                               | 16       | 24       | 2       |
| 15BQ1A01B1 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 45       | 2       |
| 15BQ1A01B1 | RT31018 | ENGINEERING GEOLOGY LAB                     | 21       | 43       | 2       |
| 15BQ1A01B2 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 16       | 11       | 0       |
| 15BQ1A01B2 | RT31012 | STRUCTURAL ANALYSIS-II                      | 19       | 16       | 0       |
| 15BQ1A01B2 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 7        | 0       |
| 15BQ1A01B2 | RT31014 | ENGINEERING GEOLOGY                         | 22       | 17       | 0       |
| 15BQ1A01B2 | RT31015 | TRANSPORTATION ENGINEERING-I                | 17       | 36       | 3       |
| 15BQ1A01B2 | RT31016 | IPR & PATENTS                               | 19       | 24       | 2       |
| 15BQ1A01B2 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 46       | 2       |
| 15BQ1A01B2 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 43       | 2       |
| 15BQ1A01B3 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 39       | 3       |
| 15BQ1A01B3 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 26       | 3       |
| 15BQ1A01B3 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 23       | 31       | 3       |
| 15BQ1A01B3 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 32       | 3       |
| 15BQ1A01B3 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 33       | 3       |
| 15BQ1A01B3 | RT31016 | IPR & PATENTS                               | 24       | 35       | 2       |
| 15BQ1A01B3 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 44       | 2       |
| 15BQ1A01B3 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 42       | 2       |
| 15BQ1A01B5 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 49       | 3       |
| 15BQ1A01B5 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 29       | 3       |
| 15BQ1A01B5 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 39       | 3       |
| 15BQ1A01B5 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 38       | 3       |
| 15BQ1A01B5 | RT31015 | TRANSPORTATION ENGINEERING-I                | 24       | 47       | 3       |
| 15BQ1A01B5 | RT31016 | IPR & PATENTS                               | 24       | 27       | 2       |
| 15BQ1A01B5 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 42       | 2       |
| 15BQ1A01B5 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 48       | 2       |
| 15BQ1A01B6 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 24       | 29       | 3       |
| 15BQ1A01B6 | RT31012 | STRUCTURAL ANALYSIS-II                      | 27       | 32       | 3       |
| 15BQ1A01B6 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 23       | 32       | 3       |
| 15BQ1A01B6 | RT31014 | ENGINEERING GEOLOGY                         | 25       | 31       | 3       |
| 15BQ1A01B6 | RT31015 | TRANSPORTATION ENGINEERING-I                | 24       | 28       | 3       |
| 15BQ1A01B6 | RT31016 | IPR & PATENTS                               | 27       | 31       | 2       |
| 15BQ1A01B6 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 45       | 2       |
| 15BQ1A01B6 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 46       | 2       |
| 15BQ1A01B7 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 24       | 36       | 3       |
| 15BQ1A01B7 | RT31012 | STRUCTURAL ANALYSIS-II                      | 28       | 49       | 3       |
| 15BQ1A01B7 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 20       | 0       |
| 15BQ1A01B7 | RT31014 | ENGINEERING GEOLOGY                         | 24       | 36       | 3       |
| 15BQ1A01B7 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 42       | 3       |
| 15BQ1A01B7 | RT31016 | IPR & PATENTS                               | 17       | 24       | 2       |
| 15BQ1A01B7 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 19       | 45       | 2       |
| 15BQ1A01B7 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 15BQ1A01B8 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 25       | 41       | 3       |
| 15BQ1A01B8 | RT31012 | STRUCTURAL ANALYSIS-II                      | 24       | 25       | 3       |
| 15BQ1A01B8 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 25       | 35       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A01B8 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 31       | 3       |
| 15BQ1A01B8 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 32       | 3       |
| 15BQ1A01B8 | RT31016 | IPR & PATENTS                               | 25       | 34       | 2       |
| 15BQ1A01B8 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 44       | 2       |
| 15BQ1A01B8 | RT31018 | ENGINEERING GEOLOGY LAB                     | 21       | 45       | 2       |
| 15BQ1A01B9 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 30       | 3       |
| 15BQ1A01B9 | RT31012 | STRUCTURAL ANALYSIS-II                      | 23       | 29       | 3       |
| 15BQ1A01B9 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 17       | 0       |
| 15BQ1A01B9 | RT31014 | ENGINEERING GEOLOGY                         | 22       | 39       | 3       |
| 15BQ1A01B9 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 32       | 3       |
| 15BQ1A01B9 | RT31016 | IPR & PATENTS                               | 26       | 28       | 2       |
| 15BQ1A01B9 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 46       | 2       |
| 15BQ1A01B9 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 15BQ1A0201 | RT31016 | IPR & PATENTS                               | 28       | 38       | 2       |
| 15BQ1A0201 | RT31021 | ELECTRICAL MEASUREMENTS                     | 21       | 30       | 3       |
| 15BQ1A0201 | RT31022 | MEFA  | 23       | 42       | 3       |
| 15BQ1A0201 | RT31023 | POWER SYSTEMS-II                            | 18       | 28       | 3       |
| 15BQ1A0201 | RT31024 | ELECTRICAL MACHINES-III                     | 21       | 41       | 3       |
| 15BQ1A0201 | RT31025 | POWER ELECTRONICS                           | 26       | 12       | 0       |
| 15BQ1A0201 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 26       | 40       | 3       |
| 15BQ1A0201 | RT31027 | ELECTRICAL MACHINES-II LAB                  | 18       | 40       | 2       |
| 15BQ1A0201 | RT31028 | CONTROL SYSTEMS LAB                         | 22       | 35       | 2       |
| 15BQ1A0202 | RT31016 | IPR & PATENTS                               | 29       | 38       | 2       |
| 15BQ1A0202 | RT31021 | ELECTRICAL MEASUREMENTS                     | 25       | 33       | 3       |
| 15BQ1A0202 | RT31022 | MEFA  | 28       | 44       | 3       |
| 15BQ1A0202 | RT31023 | POWER SYSTEMS-II                            | 27       | 53       | 3       |
| 15BQ1A0202 | RT31024 | ELECTRICAL MACHINES-III                     | 27       | 59       | 3       |
| 15BQ1A0202 | RT31025 | POWER ELECTRONICS                           | 25       | 46       | 3       |
| 15BQ1A0202 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 29       | 58       | 3       |
| 15BQ1A0202 | RT31027 | ELECTRICAL MACHINES-II LAB                  | 22       | 41       | 2       |
| 15BQ1A0202 | RT31028 | CONTROL SYSTEMS LAB                         | 23       | 41       | 2       |
| 15BQ1A0203 | RT31016 | IPR & PATENTS                               | 29       | 38       | 2       |
| 15BQ1A0203 | RT31021 | ELECTRICAL MEASUREMENTS                     | 25       | 32       | 3       |
| 15BQ1A0203 | RT31022 | MEFA  | 29       | 48       | 3       |
| 15BQ1A0203 | RT31023 | POWER SYSTEMS-II                            | 28       | 51       | 3       |
| 15BQ1A0203 | RT31024 | ELECTRICAL MACHINES-III                     | 28       | 49       | 3       |
| 15BQ1A0203 | RT31025 | POWER ELECTRONICS                           | 26       | 44       | 3       |
| 15BQ1A0203 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 28       | 17       | 0       |
| 15BQ1A0203 | RT31027 | ELECTRICAL MACHINES-II LAB                  | 24       | 41       | 2       |
| 15BQ1A0203 | RT31028 | CONTROL SYSTEMS LAB                         | 24       | 49       | 2       |
| 15BQ1A0204 | RT31016 | IPR & PATENTS                               | 25       | 28       | 2       |
| 15BQ1A0204 | RT31021 | ELECTRICAL MEASUREMENTS                     | 17       | 32       | 3       |
| 15BQ1A0204 | RT31022 | MEFA  | 23       | 34       | 3       |
| 15BQ1A0204 | RT31023 | POWER SYSTEMS-II                            | 17       | 14       | 0       |
| 15BQ1A0204 | RT31024 | ELECTRICAL MACHINES-III                     | 25       | 24       | 3       |
| 15BQ1A0204 | RT31025 | POWER ELECTRONICS                           | 19       | 28       | 3       |
| 15BQ1A0204 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 25       | 0        | 0       |
| 15BQ1A0204 | RT31027 | ELECTRICAL MACHINES-II LAB                  | 20       | 18       | 2       |
| 15BQ1A0204 | RT31028 | CONTROL SYSTEMS LAB                         | 20       | 34       | 2       |
| 15BQ1A0205 | RT31016 | IPR & PATENTS                               | 20       | 43       | 2       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0205 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 27       | 3       |
| 15BQ1A0205 | RT31022 | MEFA                             | 20       | 43       | 3       |
| 15BQ1A0205 | RT31023 | POWER SYSTEMS-II                 | 18       | 25       | 3       |
| 15BQ1A0205 | RT31024 | ELECTRICAL MACHINES-III          | 20       | 34       | 3       |
| 15BQ1A0205 | RT31025 | POWER ELECTRONICS                | 16       | 9        | 0       |
| 15BQ1A0205 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 26       | 39       | 3       |
| 15BQ1A0205 | RT31027 | ELECTRICAL MACHINES-II LAB       | 15       | 12       | 0       |
| 15BQ1A0205 | RT31028 | CONTROL SYSTEMS LAB              | 15       | 18       | 2       |
| 15BQ1A0206 | RT31016 | IPR & PATENTS                    | 17       | 37       | 2       |
| 15BQ1A0206 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 25       | 3       |
| 15BQ1A0206 | RT31022 | MEFA                             | 18       | 27       | 3       |
| 15BQ1A0206 | RT31023 | POWER SYSTEMS-II                 | 17       | 34       | 3       |
| 15BQ1A0206 | RT31024 | ELECTRICAL MACHINES-III          | 18       | 29       | 3       |
| 15BQ1A0206 | RT31025 | POWER ELECTRONICS                | 16       | 24       | 3       |
| 15BQ1A0206 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 23       | 0        | 0       |
| 15BQ1A0206 | RT31027 | ELECTRICAL MACHINES-II LAB       | 18       | 26       | 2       |
| 15BQ1A0206 | RT31028 | CONTROL SYSTEMS LAB              | 13       | 20       | 2       |
| 15BQ1A0207 | RT31016 | IPR & PATENTS                    | 19       | 36       | 2       |
| 15BQ1A0207 | RT31021 | ELECTRICAL MEASUREMENTS          | 27       | 42       | 3       |
| 15BQ1A0207 | RT31022 | MEFA                             | 24       | 38       | 3       |
| 15BQ1A0207 | RT31023 | POWER SYSTEMS-II                 | 18       | 63       | 3       |
| 15BQ1A0207 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 57       | 3       |
| 15BQ1A0207 | RT31025 | POWER ELECTRONICS                | 22       | 43       | 3       |
| 15BQ1A0207 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 11       | 0       |
| 15BQ1A0207 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 42       | 2       |
| 15BQ1A0207 | RT31028 | CONTROL SYSTEMS LAB              | 18       | 37       | 2       |
| 15BQ1A0208 | RT31016 | IPR & PATENTS                    | 17       | 32       | 2       |
| 15BQ1A0208 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 24       | 3       |
| 15BQ1A0208 | RT31022 | MEFA                             | 19       | 38       | 3       |
| 15BQ1A0208 | RT31023 | POWER SYSTEMS-II                 | 12       | 0        | 0       |
| 15BQ1A0208 | RT31024 | ELECTRICAL MACHINES-III          | 19       | 2        | 0       |
| 15BQ1A0208 | RT31025 | POWER ELECTRONICS                | 16       | 29       | 3       |
| 15BQ1A0208 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 21       | 27       | 3       |
| 15BQ1A0208 | RT31027 | ELECTRICAL MACHINES-II LAB       | 15       | 25       | 2       |
| 15BQ1A0208 | RT31028 | CONTROL SYSTEMS LAB              | 12       | 30       | 2       |
| 15BQ1A0209 | RT31016 | IPR & PATENTS                    | 20       | 35       | 2       |
| 15BQ1A0209 | RT31021 | ELECTRICAL MEASUREMENTS          | 20       | 26       | 3       |
| 15BQ1A0209 | RT31022 | MEFA                             | 20       | 50       | 3       |
| 15BQ1A0209 | RT31023 | POWER SYSTEMS-II                 | 19       | 15       | 0       |
| 15BQ1A0209 | RT31024 | ELECTRICAL MACHINES-III          | 25       | 38       | 3       |
| 15BQ1A0209 | RT31025 | POWER ELECTRONICS                | 19       | 15       | 0       |
| 15BQ1A0209 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 24       | 3       |
| 15BQ1A0209 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 37       | 2       |
| 15BQ1A0209 | RT31028 | CONTROL SYSTEMS LAB              | 19       | 38       | 2       |
| 15BQ1A0210 | RT31016 | IPR & PATENTS                    | 19       | 34       | 2       |
| 15BQ1A0210 | RT31021 | ELECTRICAL MEASUREMENTS          | 17       | 26       | 3       |
| 15BQ1A0210 | RT31022 | MEFA                             | 23       | 26       | 3       |
| 15BQ1A0210 | RT31023 | POWER SYSTEMS-II                 | 17       | 33       | 3       |
| 15BQ1A0210 | RT31024 | ELECTRICAL MACHINES-III          | 25       | 27       | 3       |
| 15BQ1A0210 | RT31025 | POWER ELECTRONICS                | 17       | 30       | 3       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0210 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 32       | 3       |
| 15BQ1A0210 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 18       | 2       |
| 15BQ1A0210 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 41       | 2       |
| 15BQ1A0211 | RT31016 | IPR & PATENTS                    | 27       | 47       | 2       |
| 15BQ1A0211 | RT31021 | ELECTRICAL MEASUREMENTS          | 21       | 39       | 3       |
| 15BQ1A0211 | RT31022 | MEFA                             | 28       | 44       | 3       |
| 15BQ1A0211 | RT31023 | POWER SYSTEMS-II                 | 24       | 54       | 3       |
| 15BQ1A0211 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 60       | 3       |
| 15BQ1A0211 | RT31025 | POWER ELECTRONICS                | 24       | 36       | 3       |
| 15BQ1A0211 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 11       | 0       |
| 15BQ1A0211 | RT31027 | ELECTRICAL MACHINES-II LAB       | 16       | 24       | 2       |
| 15BQ1A0211 | RT31028 | CONTROL SYSTEMS LAB              | 19       | 38       | 2       |
| 15BQ1A0212 | RT31016 | IPR & PATENTS                    | 29       | 31       | 2       |
| 15BQ1A0212 | RT31021 | ELECTRICAL MEASUREMENTS          | 23       | 40       | 3       |
| 15BQ1A0212 | RT31022 | MEFA                             | 19       | 41       | 3       |
| 15BQ1A0212 | RT31023 | POWER SYSTEMS-II                 | 22       | 39       | 3       |
| 15BQ1A0212 | RT31024 | ELECTRICAL MACHINES-III          | 22       | 24       | 3       |
| 15BQ1A0212 | RT31025 | POWER ELECTRONICS                | 21       | 26       | 3       |
| 15BQ1A0212 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 26       | 28       | 3       |
| 15BQ1A0212 | RT31027 | ELECTRICAL MACHINES-II LAB       | 18       | 36       | 2       |
| 15BQ1A0212 | RT31028 | CONTROL SYSTEMS LAB              | 21       | 40       | 2       |
| 15BQ1A0213 | RT31016 | IPR & PATENTS                    | 29       | 44       | 2       |
| 15BQ1A0213 | RT31021 | ELECTRICAL MEASUREMENTS          | 25       | 35       | 3       |
| 15BQ1A0213 | RT31022 | MEFA                             | 22       | 48       | 3       |
| 15BQ1A0213 | RT31023 | POWER SYSTEMS-II                 | 21       | 39       | 3       |
| 15BQ1A0213 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 47       | 3       |
| 15BQ1A0213 | RT31025 | POWER ELECTRONICS                | 23       | 24       | 3       |
| 15BQ1A0213 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 40       | 3       |
| 15BQ1A0213 | RT31027 | ELECTRICAL MACHINES-II LAB       | 18       | 40       | 2       |
| 15BQ1A0213 | RT31028 | CONTROL SYSTEMS LAB              | 19       | 36       | 2       |
| 15BQ1A0214 | RT31016 | IPR & PATENTS                    | 27       | 38       | 2       |
| 15BQ1A0214 | RT31021 | ELECTRICAL MEASUREMENTS          | 27       | 30       | 3       |
| 15BQ1A0214 | RT31022 | MEFA                             | 26       | 34       | 3       |
| 15BQ1A0214 | RT31023 | POWER SYSTEMS-II                 | 24       | 53       | 3       |
| 15BQ1A0214 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 50       | 3       |
| 15BQ1A0214 | RT31025 | POWER ELECTRONICS                | 24       | 39       | 3       |
| 15BQ1A0214 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 25       | 42       | 3       |
| 15BQ1A0214 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 36       | 2       |
| 15BQ1A0214 | RT31028 | CONTROL SYSTEMS LAB              | 22       | 46       | 2       |
| 15BQ1A0216 | RT31016 | IPR & PATENTS                    | 19       | 48       | 2       |
| 15BQ1A0216 | RT31021 | ELECTRICAL MEASUREMENTS          | 27       | 55       | 3       |
| 15BQ1A0216 | RT31022 | MEFA                             | 29       | 52       | 3       |
| 15BQ1A0216 | RT31023 | POWER SYSTEMS-II                 | 27       | 63       | 3       |
| 15BQ1A0216 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 63       | 3       |
| 15BQ1A0216 | RT31025 | POWER ELECTRONICS                | 28       | 45       | 3       |
| 15BQ1A0216 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 46       | 3       |
| 15BQ1A0216 | RT31027 | ELECTRICAL MACHINES-II LAB       | 24       | 47       | 2       |
| 15BQ1A0216 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 46       | 2       |
| 15BQ1A0217 | RT31016 | IPR & PATENTS                    | 21       | 36       | 2       |
| 15BQ1A0217 | RT31021 | ELECTRICAL MEASUREMENTS          | 25       | 46       | 3       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0217 | RT31022 | MEFA                             | 22       | 40       | 3       |
| 15BQ1A0217 | RT31023 | POWER SYSTEMS-II                 | 19       | 34       | 3       |
| 15BQ1A0217 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 36       | 3       |
| 15BQ1A0217 | RT31025 | POWER ELECTRONICS                | 22       | 30       | 3       |
| 15BQ1A0217 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 52       | 3       |
| 15BQ1A0217 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 43       | 2       |
| 15BQ1A0217 | RT31028 | CONTROL SYSTEMS LAB              | 18       | 41       | 2       |
| 15BQ1A0218 | RT31016 | IPR & PATENTS                    | 20       | 40       | 2       |
| 15BQ1A0218 | RT31021 | ELECTRICAL MEASUREMENTS          | 24       | 24       | 3       |
| 15BQ1A0218 | RT31022 | MEFA                             | 20       | 36       | 3       |
| 15BQ1A0218 | RT31023 | POWER SYSTEMS-II                 | 18       | 26       | 3       |
| 15BQ1A0218 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 43       | 3       |
| 15BQ1A0218 | RT31025 | POWER ELECTRONICS                | 17       | 12       | 0       |
| 15BQ1A0218 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 22       | 36       | 3       |
| 15BQ1A0218 | RT31027 | ELECTRICAL MACHINES-II LAB       | 18       | 30       | 2       |
| 15BQ1A0218 | RT31028 | CONTROL SYSTEMS LAB              | 19       | 35       | 2       |
| 15BQ1A0219 | RT31016 | IPR & PATENTS                    | 30       | 35       | 2       |
| 15BQ1A0219 | RT31021 | ELECTRICAL MEASUREMENTS          | 27       | 28       | 3       |
| 15BQ1A0219 | RT31022 | MEFA                             | 26       | 30       | 3       |
| 15BQ1A0219 | RT31023 | POWER SYSTEMS-II                 | 28       | 58       | 3       |
| 15BQ1A0219 | RT31024 | ELECTRICAL MACHINES-III          | 29       | 36       | 3       |
| 15BQ1A0219 | RT31025 | POWER ELECTRONICS                | 29       | 37       | 3       |
| 15BQ1A0219 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 46       | 3       |
| 15BQ1A0219 | RT31027 | ELECTRICAL MACHINES-II LAB       | 24       | 47       | 2       |
| 15BQ1A0219 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 48       | 2       |
| 15BQ1A0220 | RT31016 | IPR & PATENTS                    | 25       | 42       | 2       |
| 15BQ1A0220 | RT31021 | ELECTRICAL MEASUREMENTS          | 26       | 59       | 3       |
| 15BQ1A0220 | RT31022 | MEFA                             | 27       | 50       | 3       |
| 15BQ1A0220 | RT31023 | POWER SYSTEMS-II                 | 26       | 61       | 3       |
| 15BQ1A0220 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 54       | 3       |
| 15BQ1A0220 | RT31025 | POWER ELECTRONICS                | 26       | 38       | 3       |
| 15BQ1A0220 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 29       | 3       |
| 15BQ1A0220 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 45       | 2       |
| 15BQ1A0220 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 45       | 2       |
| 15BQ1A0221 | RT31016 | IPR & PATENTS                    | 24       | 24       | 2       |
| 15BQ1A0221 | RT31021 | ELECTRICAL MEASUREMENTS          | 21       | 31       | 3       |
| 15BQ1A0221 | RT31022 | MEFA                             | 23       | 40       | 3       |
| 15BQ1A0221 | RT31023 | POWER SYSTEMS-II                 | 26       | 35       | 3       |
| 15BQ1A0221 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 39       | 3       |
| 15BQ1A0221 | RT31025 | POWER ELECTRONICS                | 24       | 34       | 3       |
| 15BQ1A0221 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 26       | 50       | 3       |
| 15BQ1A0221 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 30       | 2       |
| 15BQ1A0221 | RT31028 | CONTROL SYSTEMS LAB              | 18       | 37       | 2       |
| 15BQ1A0222 | RT31016 | IPR & PATENTS                    | 29       | 52       | 2       |
| 15BQ1A0222 | RT31021 | ELECTRICAL MEASUREMENTS          | 26       | 42       | 3       |
| 15BQ1A0222 | RT31022 | MEFA                             | 28       | 58       | 3       |
| 15BQ1A0222 | RT31023 | POWER SYSTEMS-II                 | 27       | 62       | 3       |
| 15BQ1A0222 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 40       | 3       |
| 15BQ1A0222 | RT31025 | POWER ELECTRONICS                | 26       | 36       | 3       |
| 15BQ1A0222 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 60       | 3       |



| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0222 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 42       | 2       |
| 15BQ1A0222 | RT31028 | CONTROL SYSTEMS LAB              | 22       | 45       | 2       |
| 15BQ1A0223 | RT31016 | IPR & PATENTS                    | 18       | 20       | 0       |
| 15BQ1A0223 | RT31021 | ELECTRICAL MEASUREMENTS          | 20       | 24       | 3       |
| 15BQ1A0223 | RT31022 | MEFA                             | 16       | 33       | 3       |
| 15BQ1A0223 | RT31023 | POWER SYSTEMS-II                 | 18       | 20       | 0       |
| 15BQ1A0223 | RT31024 | ELECTRICAL MACHINES-III          | 19       | 24       | 3       |
| 15BQ1A0223 | RT31025 | POWER ELECTRONICS                | 19       | 24       | 3       |
| 15BQ1A0223 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 22       | 9        | 0       |
| 15BQ1A0223 | RT31027 | ELECTRICAL MACHINES-II LAB       | 14       | 27       | 2       |
| 15BQ1A0223 | RT31028 | CONTROL SYSTEMS LAB              | 13       | 36       | 2       |
| 15BQ1A0224 | RT31016 | IPR & PATENTS                    | 28       | 46       | 2       |
| 15BQ1A0224 | RT31021 | ELECTRICAL MEASUREMENTS          | 30       | 56       | 3       |
| 15BQ1A0224 | RT31022 | MEFA                             | 28       | 59       | 3       |
| 15BQ1A0224 | RT31023 | POWER SYSTEMS-II                 | 28       | 59       | 3       |
| 15BQ1A0224 | RT31024 | ELECTRICAL MACHINES-III          | 29       | 68       | 3       |
| 15BQ1A0224 | RT31025 | POWER ELECTRONICS                | 29       | 57       | 3       |
| 15BQ1A0224 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 48       | 3       |
| 15BQ1A0224 | RT31027 | ELECTRICAL MACHINES-II LAB       | 25       | 48       | 2       |
| 15BQ1A0224 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 46       | 2       |
| 15BQ1A0225 | RT31016 | IPR & PATENTS                    | 21       | 37       | 2       |
| 15BQ1A0225 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 13       | 0       |
| 15BQ1A0225 | RT31022 | MEFA                             | 18       | 43       | 3       |
| 15BQ1A0225 | RT31023 | POWER SYSTEMS-II                 | 19       | 16       | 0       |
| 15BQ1A0225 | RT31024 | ELECTRICAL MACHINES-III          | 18       | 51       | 3       |
| 15BQ1A0225 | RT31025 | POWER ELECTRONICS                | 19       | 32       | 3       |
| 15BQ1A0225 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 24       | 38       | 3       |
| 15BQ1A0225 | RT31027 | ELECTRICAL MACHINES-II LAB       | 13       | 24       | 2       |
| 15BQ1A0225 | RT31028 | CONTROL SYSTEMS LAB              | 12       | 30       | 2       |
| 15BQ1A0226 | RT31016 | IPR & PATENTS                    | 30       | 48       | 2       |
| 15BQ1A0226 | RT31021 | ELECTRICAL MEASUREMENTS          | 27       | 40       | 3       |
| 15BQ1A0226 | RT31022 | MEFA                             | 26       | 64       | 3       |
| 15BQ1A0226 | RT31023 | POWER SYSTEMS-II                 | 27       | 60       | 3       |
| 15BQ1A0226 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 53       | 3       |
| 15BQ1A0226 | RT31025 | POWER ELECTRONICS                | 28       | 24       | 3       |
| 15BQ1A0226 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 48       | 3       |
| 15BQ1A0226 | RT31027 | ELECTRICAL MACHINES-II LAB       | 24       | 47       | 2       |
| 15BQ1A0226 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 46       | 2       |
| 15BQ1A0227 | RT31016 | IPR & PATENTS                    | 26       | 32       | 2       |
| 15BQ1A0227 | RT31021 | ELECTRICAL MEASUREMENTS          | 26       | 34       | 3       |
| 15BQ1A0227 | RT31022 | MEFA                             | 19       | 24       | 3       |
| 15BQ1A0227 | RT31023 | POWER SYSTEMS-II                 | 22       | 27       | 3       |
| 15BQ1A0227 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 36       | 3       |
| 15BQ1A0227 | RT31025 | POWER ELECTRONICS                | 18       | 30       | 3       |
| 15BQ1A0227 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 16       | 35       | 3       |
| 15BQ1A0227 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 33       | 2       |
| 15BQ1A0227 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 40       | 2       |
| 15BQ1A0228 | RT31016 | IPR & PATENTS                    | 25       | 33       | 2       |
| 15BQ1A0228 | RT31021 | ELECTRICAL MEASUREMENTS          | 26       | 50       | 3       |
| 15BQ1A0228 | RT31022 | MEFA                             | 22       | 37       | 3       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0228 | RT31023 | POWER SYSTEMS-II                 | 25       | 62       | 3       |
| 15BQ1A0228 | RT31024 | ELECTRICAL MACHINES-III          | 28       | 54       | 3       |
| 15BQ1A0228 | RT31025 | POWER ELECTRONICS                | 25       | 38       | 3       |
| 15BQ1A0228 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 24       | 3       |
| 15BQ1A0228 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 28       | 2       |
| 15BQ1A0228 | RT31028 | CONTROL SYSTEMS LAB              | 14       | 27       | 2       |
| 15BQ1A0229 | RT31016 | IPR & PATENTS                    | 29       | 52       | 2       |
| 15BQ1A0229 | RT31021 | ELECTRICAL MEASUREMENTS          | 29       | 55       | 3       |
| 15BQ1A0229 | RT31022 | MEFA                             | 29       | 51       | 3       |
| 15BQ1A0229 | RT31023 | POWER SYSTEMS-II                 | 29       | 40       | 3       |
| 15BQ1A0229 | RT31024 | ELECTRICAL MACHINES-III          | 28       | 62       | 3       |
| 15BQ1A0229 | RT31025 | POWER ELECTRONICS                | 28       | 39       | 3       |
| 15BQ1A0229 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 58       | 3       |
| 15BQ1A0229 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 47       | 2       |
| 15BQ1A0229 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 48       | 2       |
| 15BQ1A0231 | RT31016 | IPR & PATENTS                    | 24       | 42       | 2       |
| 15BQ1A0231 | RT31021 | ELECTRICAL MEASUREMENTS          | 25       | 31       | 3       |
| 15BQ1A0231 | RT31022 | MEFA                             | 24       | 34       | 3       |
| 15BQ1A0231 | RT31023 | POWER SYSTEMS-II                 | 23       | 30       | 3       |
| 15BQ1A0231 | RT31024 | ELECTRICAL MACHINES-III          | 22       | 37       | 3       |
| 15BQ1A0231 | RT31025 | POWER ELECTRONICS                | 23       | 17       | 0       |
| 15BQ1A0231 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 25       | 50       | 3       |
| 15BQ1A0231 | RT31027 | ELECTRICAL MACHINES-II LAB       | 16       | 30       | 2       |
| 15BQ1A0231 | RT31028 | CONTROL SYSTEMS LAB              | 18       | 38       | 2       |
| 15BQ1A0232 | RT31016 | IPR & PATENTS                    | 20       | 25       | 2       |
| 15BQ1A0232 | RT31021 | ELECTRICAL MEASUREMENTS          | 17       | 25       | 3       |
| 15BQ1A0232 | RT31022 | MEFA                             | 19       | 15       | 0       |
| 15BQ1A0232 | RT31023 | POWER SYSTEMS-II                 | 18       | 31       | 3       |
| 15BQ1A0232 | RT31024 | ELECTRICAL MACHINES-III          | 20       | 35       | 3       |
| 15BQ1A0232 | RT31025 | POWER ELECTRONICS                | 20       | 24       | 3       |
| 15BQ1A0232 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 22       | 19       | 0       |
| 15BQ1A0232 | RT31027 | ELECTRICAL MACHINES-II LAB       | 17       | 35       | 2       |
| 15BQ1A0232 | RT31028 | CONTROL SYSTEMS LAB              | 13       | 38       | 2       |
| 15BQ1A0233 | RT31016 | IPR & PATENTS                    | 23       | 35       | 2       |
| 15BQ1A0233 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 28       | 3       |
| 15BQ1A0233 | RT31022 | MEFA                             | 19       | 34       | 3       |
| 15BQ1A0233 | RT31023 | POWER SYSTEMS-II                 | 18       | 41       | 3       |
| 15BQ1A0233 | RT31024 | ELECTRICAL MACHINES-III          | 18       | 46       | 3       |
| 15BQ1A0233 | RT31025 | POWER ELECTRONICS                | 17       | 39       | 3       |
| 15BQ1A0233 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 20       | 24       | 3       |
| 15BQ1A0233 | RT31027 | ELECTRICAL MACHINES-II LAB       | 12       | 13       | 0       |
| 15BQ1A0233 | RT31028 | CONTROL SYSTEMS LAB              | 15       | 29       | 2       |
| 15BQ1A0234 | RT31016 | IPR & PATENTS                    | 27       | 49       | 2       |
| 15BQ1A0234 | RT31021 | ELECTRICAL MEASUREMENTS          | 27       | 51       | 3       |
| 15BQ1A0234 | RT31022 | MEFA                             | 27       | 42       | 3       |
| 15BQ1A0234 | RT31023 | POWER SYSTEMS-II                 | 28       | 6        | 0       |
| 15BQ1A0234 | RT31024 | ELECTRICAL MACHINES-III          | 29       | 65       | 3       |
| 15BQ1A0234 | RT31025 | POWER ELECTRONICS                | 28       | 36       | 3       |
| 15BQ1A0234 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 55       | 3       |
| 15BQ1A0234 | RT31027 | ELECTRICAL MACHINES-II LAB       | 24       | 47       | 2       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0234 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 48       | 2       |
| 15BQ1A0235 | RT31016 | IPR & PATENTS                    | 26       | 36       | 2       |
| 15BQ1A0235 | RT31021 | ELECTRICAL MEASUREMENTS          | 22       | 28       | 3       |
| 15BQ1A0235 | RT31022 | MEFA                             | 25       | 42       | 3       |
| 15BQ1A0235 | RT31023 | POWER SYSTEMS-II                 | 22       | 38       | 3       |
| 15BQ1A0235 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 43       | 3       |
| 15BQ1A0235 | RT31025 | POWER ELECTRONICS                | 24       | 15       | 0       |
| 15BQ1A0235 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 26       | 34       | 3       |
| 15BQ1A0235 | RT31027 | ELECTRICAL MACHINES-II LAB       | 17       | 34       | 2       |
| 15BQ1A0235 | RT31028 | CONTROL SYSTEMS LAB              | 19       | 41       | 2       |
| 15BQ1A0236 | RT31016 | IPR & PATENTS                    | 24       | 43       | 2       |
| 15BQ1A0236 | RT31021 | ELECTRICAL MEASUREMENTS          | 21       | 26       | 3       |
| 15BQ1A0236 | RT31022 | MEFA                             | 24       | 38       | 3       |
| 15BQ1A0236 | RT31023 | POWER SYSTEMS-II                 | 25       | 55       | 3       |
| 15BQ1A0236 | RT31024 | ELECTRICAL MACHINES-III          | 25       | 38       | 3       |
| 15BQ1A0236 | RT31025 | POWER ELECTRONICS                | 25       | 33       | 3       |
| 15BQ1A0236 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 26       | 47       | 3       |
| 15BQ1A0236 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 44       | 2       |
| 15BQ1A0236 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 46       | 2       |
| 15BQ1A0237 | RT31016 | IPR & PATENTS                    | 21       | 42       | 2       |
| 15BQ1A0237 | RT31021 | ELECTRICAL MEASUREMENTS          | 24       | 36       | 3       |
| 15BQ1A0237 | RT31022 | MEFA                             | 26       | 38       | 3       |
| 15BQ1A0237 | RT31023 | POWER SYSTEMS-II                 | 27       | 58       | 3       |
| 15BQ1A0237 | RT31024 | ELECTRICAL MACHINES-III          | 25       | 54       | 3       |
| 15BQ1A0237 | RT31025 | POWER ELECTRONICS                | 25       | 30       | 3       |
| 15BQ1A0237 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 28       | 3       |
| 15BQ1A0237 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 29       | 2       |
| 15BQ1A0237 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 40       | 2       |
| 15BQ1A0238 | RT31016 | IPR & PATENTS                    | 20       | 43       | 2       |
| 15BQ1A0238 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 13       | 0       |
| 15BQ1A0238 | RT31022 | MEFA                             | 25       | 50       | 3       |
| 15BQ1A0238 | RT31023 | POWER SYSTEMS-II                 | 17       | 16       | 0       |
| 15BQ1A0238 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 6        | 0       |
| 15BQ1A0238 | RT31025 | POWER ELECTRONICS                | 24       | 31       | 3       |
| 15BQ1A0238 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 39       | 3       |
| 15BQ1A0238 | RT31027 | ELECTRICAL MACHINES-II LAB       | 16       | 36       | 2       |
| 15BQ1A0238 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 42       | 2       |
| 15BQ1A0239 | RT31016 | IPR & PATENTS                    | 17       | 44       | 2       |
| 15BQ1A0239 | RT31021 | ELECTRICAL MEASUREMENTS          | 22       | 31       | 3       |
| 15BQ1A0239 | RT31022 | MEFA                             | 22       | 31       | 3       |
| 15BQ1A0239 | RT31023 | POWER SYSTEMS-II                 | 21       | 27       | 3       |
| 15BQ1A0239 | RT31024 | ELECTRICAL MACHINES-III          | 23       | 36       | 3       |
| 15BQ1A0239 | RT31025 | POWER ELECTRONICS                | 22       | 9        | 0       |
| 15BQ1A0239 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 34       | 3       |
| 15BQ1A0239 | RT31027 | ELECTRICAL MACHINES-II LAB       | 18       | 35       | 2       |
| 15BQ1A0239 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 42       | 2       |
| 15BQ1A0240 | RT31016 | IPR & PATENTS                    | 23       | 35       | 2       |
| 15BQ1A0240 | RT31021 | ELECTRICAL MEASUREMENTS          | 19       | 31       | 3       |
| 15BQ1A0240 | RT31022 | MEFA                             | 26       | 26       | 3       |
| 15BQ1A0240 | RT31023 | POWER SYSTEMS-II                 | 21       | 40       | 3       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0240 | RT31024 | ELECTRICAL MACHINES-III          | 22       | 44       | 3       |
| 15BQ1A0240 | RT31025 | POWER ELECTRONICS                | 22       | 33       | 3       |
| 15BQ1A0240 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 24       | 27       | 3       |
| 15BQ1A0240 | RT31027 | ELECTRICAL MACHINES-II LAB       | 17       | 32       | 2       |
| 15BQ1A0240 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 36       | 2       |
| 15BQ1A0241 | RT31016 | IPR & PATENTS                    | 18       | 35       | 2       |
| 15BQ1A0241 | RT31021 | ELECTRICAL MEASUREMENTS          | 17       | 29       | 3       |
| 15BQ1A0241 | RT31022 | MEFA                             | 17       | 28       | 3       |
| 15BQ1A0241 | RT31023 | POWER SYSTEMS-II                 | 17       | 27       | 3       |
| 15BQ1A0241 | RT31024 | ELECTRICAL MACHINES-III          | 16       | 8        | 0       |
| 15BQ1A0241 | RT31025 | POWER ELECTRONICS                | 18       | 5        | 0       |
| 15BQ1A0241 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 23       | 11       | 0       |
| 15BQ1A0241 | RT31027 | ELECTRICAL MACHINES-II LAB       | 17       | 18       | 2       |
| 15BQ1A0241 | RT31028 | CONTROL SYSTEMS LAB              | 17       | 38       | 2       |
| 15BQ1A0242 | RT31016 | IPR & PATENTS                    | 21       | 41       | 2       |
| 15BQ1A0242 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 32       | 3       |
| 15BQ1A0242 | RT31022 | MEFA                             | 19       | 45       | 3       |
| 15BQ1A0242 | RT31023 | POWER SYSTEMS-II                 | 20       | 8        | 0       |
| 15BQ1A0242 | RT31024 | ELECTRICAL MACHINES-III          | 22       | 29       | 3       |
| 15BQ1A0242 | RT31025 | POWER ELECTRONICS                | 23       | 31       | 3       |
| 15BQ1A0242 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 48       | 3       |
| 15BQ1A0242 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 34       | 2       |
| 15BQ1A0242 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 43       | 2       |
| 15BQ1A0243 | RT31016 | IPR & PATENTS                    | 26       | 44       | 2       |
| 15BQ1A0243 | RT31021 | ELECTRICAL MEASUREMENTS          | 21       | 28       | 3       |
| 15BQ1A0243 | RT31022 | MEFA                             | 25       | 60       | 3       |
| 15BQ1A0243 | RT31023 | POWER SYSTEMS-II                 | 25       | 51       | 3       |
| 15BQ1A0243 | RT31024 | ELECTRICAL MACHINES-III          | 22       | 44       | 3       |
| 15BQ1A0243 | RT31025 | POWER ELECTRONICS                | 27       | 24       | 3       |
| 15BQ1A0243 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 41       | 3       |
| 15BQ1A0243 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 37       | 2       |
| 15BQ1A0243 | RT31028 | CONTROL SYSTEMS LAB              | 19       | 45       | 2       |
| 15BQ1A0244 | RT31016 | IPR & PATENTS                    | 22       | 48       | 2       |
| 15BQ1A0244 | RT31021 | ELECTRICAL MEASUREMENTS          | 24       | 30       | 3       |
| 15BQ1A0244 | RT31022 | MEFA                             | 26       | 33       | 3       |
| 15BQ1A0244 | RT31023 | POWER SYSTEMS-II                 | 26       | 52       | 3       |
| 15BQ1A0244 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 50       | 3       |
| 15BQ1A0244 | RT31025 | POWER ELECTRONICS                | 24       | 38       | 3       |
| 15BQ1A0244 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 26       | 31       | 3       |
| 15BQ1A0244 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 35       | 2       |
| 15BQ1A0244 | RT31028 | CONTROL SYSTEMS LAB              | 22       | 40       | 2       |
| 15BQ1A0245 | RT31016 | IPR & PATENTS                    | 28       | 37       | 2       |
| 15BQ1A0245 | RT31021 | ELECTRICAL MEASUREMENTS          | 27       | 53       | 3       |
| 15BQ1A0245 | RT31022 | MEFA                             | 26       | 60       | 3       |
| 15BQ1A0245 | RT31023 | POWER SYSTEMS-II                 | 22       | 57       | 3       |
| 15BQ1A0245 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 52       | 3       |
| 15BQ1A0245 | RT31025 | POWER ELECTRONICS                | 25       | 51       | 3       |
| 15BQ1A0245 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 37       | 3       |
| 15BQ1A0245 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 46       | 2       |
| 15BQ1A0245 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 47       | 2       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0246 | RT31016 | IPR & PATENTS                    | 17       | 39       | 2       |
| 15BQ1A0246 | RT31021 | ELECTRICAL MEASUREMENTS          | 18       | 12       | 0       |
| 15BQ1A0246 | RT31022 | MEFA                             | 21       | 43       | 3       |
| 15BQ1A0246 | RT31023 | POWER SYSTEMS-II                 | 16       | 0        | 0       |
| 15BQ1A0246 | RT31024 | ELECTRICAL MACHINES-III          | 16       | 15       | 0       |
| 15BQ1A0246 | RT31025 | POWER ELECTRONICS                | 18       | 26       | 3       |
| 15BQ1A0246 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 19       | 31       | 3       |
| 15BQ1A0246 | RT31027 | ELECTRICAL MACHINES-II LAB       | 14       | 9        | 0       |
| 15BQ1A0246 | RT31028 | CONTROL SYSTEMS LAB              | 12       | 9        | 0       |
| 15BQ1A0247 | RT31016 | IPR & PATENTS                    | 22       | 43       | 2       |
| 15BQ1A0247 | RT31021 | ELECTRICAL MEASUREMENTS          | 27       | 31       | 3       |
| 15BQ1A0247 | RT31022 | MEFA                             | 24       | 49       | 3       |
| 15BQ1A0247 | RT31023 | POWER SYSTEMS-II                 | 23       | 33       | 3       |
| 15BQ1A0247 | RT31024 | ELECTRICAL MACHINES-III          | 25       | 47       | 3       |
| 15BQ1A0247 | RT31025 | POWER ELECTRONICS                | 24       | 26       | 3       |
| 15BQ1A0247 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 34       | 3       |
| 15BQ1A0247 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 40       | 2       |
| 15BQ1A0247 | RT31028 | CONTROL SYSTEMS LAB              | 22       | 45       | 2       |
| 15BQ1A0248 | RT31016 | IPR & PATENTS                    | 28       | 49       | 2       |
| 15BQ1A0248 | RT31021 | ELECTRICAL MEASUREMENTS          | 27       | 37       | 3       |
| 15BQ1A0248 | RT31022 | MEFA                             | 26       | 41       | 3       |
| 15BQ1A0248 | RT31023 | POWER SYSTEMS-II                 | 29       | 58       | 3       |
| 15BQ1A0248 | RT31024 | ELECTRICAL MACHINES-III          | 29       | 56       | 3       |
| 15BQ1A0248 | RT31025 | POWER ELECTRONICS                | 28       | 37       | 3       |
| 15BQ1A0248 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 44       | 3       |
| 15BQ1A0248 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 47       | 2       |
| 15BQ1A0248 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 47       | 2       |
| 15BQ1A0249 | RT31016 | IPR & PATENTS                    | 25       | 28       | 2       |
| 15BQ1A0249 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 37       | 3       |
| 15BQ1A0249 | RT31022 | MEFA                             | 19       | 34       | 3       |
| 15BQ1A0249 | RT31023 | POWER SYSTEMS-II                 | 19       | 47       | 3       |
| 15BQ1A0249 | RT31024 | ELECTRICAL MACHINES-III          | 21       | 47       | 3       |
| 15BQ1A0249 | RT31025 | POWER ELECTRONICS                | 16       | 25       | 3       |
| 15BQ1A0249 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 22       | 9        | 0       |
| 15BQ1A0249 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 18       | 2       |
| 15BQ1A0249 | RT31028 | CONTROL SYSTEMS LAB              | 18       | 38       | 2       |
| 15BQ1A0250 | RT31016 | IPR & PATENTS                    | 26       | 43       | 2       |
| 15BQ1A0250 | RT31021 | ELECTRICAL MEASUREMENTS          | 25       | 49       | 3       |
| 15BQ1A0250 | RT31022 | MEFA                             | 28       | 43       | 3       |
| 15BQ1A0250 | RT31023 | POWER SYSTEMS-II                 | 24       | 35       | 3       |
| 15BQ1A0250 | RT31024 | ELECTRICAL MACHINES-III          | 25       | 59       | 3       |
| 15BQ1A0250 | RT31025 | POWER ELECTRONICS                | 25       | 28       | 3       |
| 15BQ1A0250 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 55       | 3       |
| 15BQ1A0250 | RT31027 | ELECTRICAL MACHINES-II LAB       | 22       | 40       | 2       |
| 15BQ1A0250 | RT31028 | CONTROL SYSTEMS LAB              | 21       | 43       | 2       |
| 15BQ1A0251 | RT31016 | IPR & PATENTS                    | 25       | 38       | 2       |
| 15BQ1A0251 | RT31021 | ELECTRICAL MEASUREMENTS          | 17       | 34       | 3       |
| 15BQ1A0251 | RT31022 | MEFA                             | 25       | 41       | 3       |
| 15BQ1A0251 | RT31023 | POWER SYSTEMS-II                 | 22       | 24       | 3       |
| 15BQ1A0251 | RT31024 | ELECTRICAL MACHINES-III          | 21       | 46       | 3       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0251 | RT31025 | POWER ELECTRONICS                | 27       | 38       | 3       |
| 15BQ1A0251 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 24       | 34       | 3       |
| 15BQ1A0251 | RT31027 | ELECTRICAL MACHINES-II LAB       | 17       | 40       | 2       |
| 15BQ1A0251 | RT31028 | CONTROL SYSTEMS LAB              | 21       | 40       | 2       |
| 15BQ1A0252 | RT31016 | IPR & PATENTS                    | 21       | 29       | 2       |
| 15BQ1A0252 | RT31021 | ELECTRICAL MEASUREMENTS          | 17       | 32       | 3       |
| 15BQ1A0252 | RT31022 | MEFA                             | 21       | 30       | 3       |
| 15BQ1A0252 | RT31023 | POWER SYSTEMS-II                 | 19       | 33       | 3       |
| 15BQ1A0252 | RT31024 | ELECTRICAL MACHINES-III          | 23       | 38       | 3       |
| 15BQ1A0252 | RT31025 | POWER ELECTRONICS                | 21       | 32       | 3       |
| 15BQ1A0252 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 30       | 3       |
| 15BQ1A0252 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 32       | 2       |
| 15BQ1A0252 | RT31028 | CONTROL SYSTEMS LAB              | 18       | 33       | 2       |
| 15BQ1A0253 | RT31016 | IPR & PATENTS                    | 17       | 30       | 2       |
| 15BQ1A0253 | RT31021 | ELECTRICAL MEASUREMENTS          | 20       | 31       | 3       |
| 15BQ1A0253 | RT31022 | MEFA                             | 24       | 35       | 3       |
| 15BQ1A0253 | RT31023 | POWER SYSTEMS-II                 | 21       | 32       | 3       |
| 15BQ1A0253 | RT31024 | ELECTRICAL MACHINES-III          | 23       | 27       | 3       |
| 15BQ1A0253 | RT31025 | POWER ELECTRONICS                | 22       | 25       | 3       |
| 15BQ1A0253 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 24       | 0        | 0       |
| 15BQ1A0253 | RT31027 | ELECTRICAL MACHINES-II LAB       | 14       | 36       | 2       |
| 15BQ1A0253 | RT31028 | CONTROL SYSTEMS LAB              | 15       | 38       | 2       |
| 15BQ1A0254 | RT31016 | IPR & PATENTS                    | 27       | -1       | 0       |
| 15BQ1A0254 | RT31021 | ELECTRICAL MEASUREMENTS          | 19       | -1       | 0       |
| 15BQ1A0254 | RT31022 | MEFA                             | 22       | 44       | 3       |
| 15BQ1A0254 | RT31023 | POWER SYSTEMS-II                 | 20       | 8        | 0       |
| 15BQ1A0254 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 38       | 3       |
| 15BQ1A0254 | RT31025 | POWER ELECTRONICS                | 25       | -1       | 0       |
| 15BQ1A0254 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 42       | 3       |
| 15BQ1A0254 | RT31027 | ELECTRICAL MACHINES-II LAB       | 17       | 33       | 2       |
| 15BQ1A0254 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 44       | 2       |
| 15BQ1A0255 | RT31016 | IPR & PATENTS                    | 24       | 38       | 2       |
| 15BQ1A0255 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 13       | 0       |
| 15BQ1A0255 | RT31022 | MEFA                             | 20       | 41       | 3       |
| 15BQ1A0255 | RT31023 | POWER SYSTEMS-II                 | 18       | 25       | 3       |
| 15BQ1A0255 | RT31024 | ELECTRICAL MACHINES-III          | 23       | 29       | 3       |
| 15BQ1A0255 | RT31025 | POWER ELECTRONICS                | 25       | 15       | 0       |
| 15BQ1A0255 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 19       | 17       | 0       |
| 15BQ1A0255 | RT31027 | ELECTRICAL MACHINES-II LAB       | 15       | 30       | 2       |
| 15BQ1A0255 | RT31028 | CONTROL SYSTEMS LAB              | 16       | 36       | 2       |
| 15BQ1A0256 | RT31016 | IPR & PATENTS                    | 21       | 36       | 2       |
| 15BQ1A0256 | RT31021 | ELECTRICAL MEASUREMENTS          | 23       | 34       | 3       |
| 15BQ1A0256 | RT31022 | MEFA                             | 24       | 46       | 3       |
| 15BQ1A0256 | RT31023 | POWER SYSTEMS-II                 | 19       | 57       | 3       |
| 15BQ1A0256 | RT31024 | ELECTRICAL MACHINES-III          | 23       | 53       | 3       |
| 15BQ1A0256 | RT31025 | POWER ELECTRONICS                | 24       | 36       | 3       |
| 15BQ1A0256 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 25       | 50       | 3       |
| 15BQ1A0256 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 43       | 2       |
| 15BQ1A0256 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 46       | 2       |
| 15BQ1A0257 | RT31016 | IPR & PATENTS                    | 29       | 40       | 2       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0257 | RT31021 | ELECTRICAL MEASUREMENTS          | 26       | 53       | 3       |
| 15BQ1A0257 | RT31022 | MEFA                             | 28       | 49       | 3       |
| 15BQ1A0257 | RT31023 | POWER SYSTEMS-II                 | 26       | 52       | 3       |
| 15BQ1A0257 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 58       | 3       |
| 15BQ1A0257 | RT31025 | POWER ELECTRONICS                | 27       | 28       | 3       |
| 15BQ1A0257 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 28       | 3       |
| 15BQ1A0257 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 40       | 2       |
| 15BQ1A0257 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 47       | 2       |
| 15BQ1A0258 | RT31016 | IPR & PATENTS                    | 30       | 52       | 2       |
| 15BQ1A0258 | RT31021 | ELECTRICAL MEASUREMENTS          | 24       | 70       | 3       |
| 15BQ1A0258 | RT31022 | MEFA                             | 29       | 46       | 3       |
| 15BQ1A0258 | RT31023 | POWER SYSTEMS-II                 | 28       | 24       | 3       |
| 15BQ1A0258 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 42       | 3       |
| 15BQ1A0258 | RT31025 | POWER ELECTRONICS                | 29       | 26       | 3       |
| 15BQ1A0258 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 58       | 3       |
| 15BQ1A0258 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 42       | 2       |
| 15BQ1A0258 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 47       | 2       |
| 15BQ1A0259 | RT31016 | IPR & PATENTS                    | 30       | 46       | 2       |
| 15BQ1A0259 | RT31021 | ELECTRICAL MEASUREMENTS          | 24       | 38       | 3       |
| 15BQ1A0259 | RT31022 | MEFA                             | 25       | 36       | 3       |
| 15BQ1A0259 | RT31023 | POWER SYSTEMS-II                 | 25       | 31       | 3       |
| 15BQ1A0259 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 42       | 3       |
| 15BQ1A0259 | RT31025 | POWER ELECTRONICS                | 23       | 24       | 3       |
| 15BQ1A0259 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 26       | 49       | 3       |
| 15BQ1A0259 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 39       | 2       |
| 15BQ1A0259 | RT31028 | CONTROL SYSTEMS LAB              | 21       | 43       | 2       |
| 15BQ1A0260 | RT31016 | IPR & PATENTS                    | 28       | 39       | 2       |
| 15BQ1A0260 | RT31021 | ELECTRICAL MEASUREMENTS          | 27       | 45       | 3       |
| 15BQ1A0260 | RT31022 | MEFA                             | 28       | 45       | 3       |
| 15BQ1A0260 | RT31023 | POWER SYSTEMS-II                 | 29       | 70       | 3       |
| 15BQ1A0260 | RT31024 | ELECTRICAL MACHINES-III          | 29       | 68       | 3       |
| 15BQ1A0260 | RT31025 | POWER ELECTRONICS                | 30       | 45       | 3       |
| 15BQ1A0260 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 60       | 3       |
| 15BQ1A0260 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 40       | 2       |
| 15BQ1A0260 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 47       | 2       |
| 15BQ1A0261 | RT31016 | IPR & PATENTS                    | 27       | 27       | 2       |
| 15BQ1A0261 | RT31021 | ELECTRICAL MEASUREMENTS          | 20       | 16       | 0       |
| 15BQ1A0261 | RT31022 | MEFA                             | 24       | 34       | 3       |
| 15BQ1A0261 | RT31023 | POWER SYSTEMS-II                 | 20       | 49       | 3       |
| 15BQ1A0261 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 26       | 3       |
| 15BQ1A0261 | RT31025 | POWER ELECTRONICS                | 24       | 25       | 3       |
| 15BQ1A0261 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 25       | 24       | 3       |
| 15BQ1A0261 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 34       | 2       |
| 15BQ1A0261 | RT31028 | CONTROL SYSTEMS LAB              | 21       | 41       | 2       |
| 15BQ1A0262 | RT31016 | IPR & PATENTS                    | 22       | 33       | 2       |
| 15BQ1A0262 | RT31021 | ELECTRICAL MEASUREMENTS          | 18       | 32       | 3       |
| 15BQ1A0262 | RT31022 | MEFA                             | 16       | 35       | 3       |
| 15BQ1A0262 | RT31023 | POWER SYSTEMS-II                 | 16       | 0        | 0       |
| 15BQ1A0262 | RT31024 | ELECTRICAL MACHINES-III          | 18       | 24       | 3       |
| 15BQ1A0262 | RT31025 | POWER ELECTRONICS                | 18       | 27       | 3       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0262 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 18       | 34       | 3       |
| 15BQ1A0262 | RT31027 | ELECTRICAL MACHINES-II LAB       | 16       | 31       | 2       |
| 15BQ1A0262 | RT31028 | CONTROL SYSTEMS LAB              | 15       | 36       | 2       |
| 15BQ1A0264 | RT31016 | IPR & PATENTS                    | 25       | 45       | 2       |
| 15BQ1A0264 | RT31021 | ELECTRICAL MEASUREMENTS          | 20       | 32       | 3       |
| 15BQ1A0264 | RT31022 | MEFA                             | 24       | 47       | 3       |
| 15BQ1A0264 | RT31023 | POWER SYSTEMS-II                 | 17       | 36       | 3       |
| 15BQ1A0264 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 32       | 3       |
| 15BQ1A0264 | RT31025 | POWER ELECTRONICS                | 22       | 24       | 3       |
| 15BQ1A0264 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 27       | 3       |
| 15BQ1A0264 | RT31027 | ELECTRICAL MACHINES-II LAB       | 18       | 39       | 2       |
| 15BQ1A0264 | RT31028 | CONTROL SYSTEMS LAB              | 15       | 42       | 2       |
| 15BQ1A0265 | RT31016 | IPR & PATENTS                    | 28       | 42       | 2       |
| 15BQ1A0265 | RT31021 | ELECTRICAL MEASUREMENTS          | 26       | 34       | 3       |
| 15BQ1A0265 | RT31022 | MEFA                             | 24       | 41       | 3       |
| 15BQ1A0265 | RT31023 | POWER SYSTEMS-II                 | 22       | 52       | 3       |
| 15BQ1A0265 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 45       | 3       |
| 15BQ1A0265 | RT31025 | POWER ELECTRONICS                | 25       | 38       | 3       |
| 15BQ1A0265 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 55       | 3       |
| 15BQ1A0265 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 42       | 2       |
| 15BQ1A0265 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 47       | 2       |
| 15BQ1A0266 | RT31016 | IPR & PATENTS                    | 21       | 28       | 2       |
| 15BQ1A0266 | RT31021 | ELECTRICAL MEASUREMENTS          | 19       | 33       | 3       |
| 15BQ1A0266 | RT31022 | MEFA                             | 18       | 33       | 3       |
| 15BQ1A0266 | RT31023 | POWER SYSTEMS-II                 | 20       | 29       | 3       |
| 15BQ1A0266 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 44       | 3       |
| 15BQ1A0266 | RT31025 | POWER ELECTRONICS                | 21       | 29       | 3       |
| 15BQ1A0266 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 23       | 24       | 3       |
| 15BQ1A0266 | RT31027 | ELECTRICAL MACHINES-II LAB       | 18       | 40       | 2       |
| 15BQ1A0266 | RT31028 | CONTROL SYSTEMS LAB              | 18       | 42       | 2       |
| 15BQ1A0267 | RT31016 | IPR & PATENTS                    | 29       | 41       | 2       |
| 15BQ1A0267 | RT31021 | ELECTRICAL MEASUREMENTS          | 28       | 53       | 3       |
| 15BQ1A0267 | RT31022 | MEFA                             | 29       | 44       | 3       |
| 15BQ1A0267 | RT31023 | POWER SYSTEMS-II                 | 27       | 27       | 3       |
| 15BQ1A0267 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 66       | 3       |
| 15BQ1A0267 | RT31025 | POWER ELECTRONICS                | 25       | 36       | 3       |
| 15BQ1A0267 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 52       | 3       |
| 15BQ1A0267 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 45       | 2       |
| 15BQ1A0267 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 45       | 2       |
| 15BQ1A0268 | RT31016 | IPR & PATENTS                    | 22       | 36       | 2       |
| 15BQ1A0268 | RT31021 | ELECTRICAL MEASUREMENTS          | 20       | 26       | 3       |
| 15BQ1A0268 | RT31022 | MEFA                             | 22       | 33       | 3       |
| 15BQ1A0268 | RT31023 | POWER SYSTEMS-II                 | 18       | 17       | 0       |
| 15BQ1A0268 | RT31024 | ELECTRICAL MACHINES-III          | 22       | 29       | 3       |
| 15BQ1A0268 | RT31025 | POWER ELECTRONICS                | 20       | 9        | 0       |
| 15BQ1A0268 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 24       | 8        | 0       |
| 15BQ1A0268 | RT31027 | ELECTRICAL MACHINES-II LAB       | 17       | 39       | 2       |
| 15BQ1A0268 | RT31028 | CONTROL SYSTEMS LAB              | 17       | 38       | 2       |
| 15BQ1A0270 | RT31016 | IPR & PATENTS                    | 28       | 30       | 2       |
| 15BQ1A0270 | RT31021 | ELECTRICAL MEASUREMENTS          | 18       | 25       | 3       |



| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0270 | RT31022 | MEFA                             | 23       | 30       | 3       |
| 15BQ1A0270 | RT31023 | POWER SYSTEMS-II                 | 18       | 29       | 3       |
| 15BQ1A0270 | RT31024 | ELECTRICAL MACHINES-III          | 20       | 36       | 3       |
| 15BQ1A0270 | RT31025 | POWER ELECTRONICS                | 24       | 24       | 3       |
| 15BQ1A0270 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 22       | 16       | 0       |
| 15BQ1A0270 | RT31027 | ELECTRICAL MACHINES-II LAB       | 22       | 28       | 2       |
| 15BQ1A0270 | RT31028 | CONTROL SYSTEMS LAB              | 15       | 38       | 2       |
| 15BQ1A0271 | RT31016 | IPR & PATENTS                    | 21       | 24       | 2       |
| 15BQ1A0271 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 20       | 0       |
| 15BQ1A0271 | RT31022 | MEFA                             | 18       | 24       | 3       |
| 15BQ1A0271 | RT31023 | POWER SYSTEMS-II                 | 13       | 27       | 3       |
| 15BQ1A0271 | RT31024 | ELECTRICAL MACHINES-III          | 19       | 0        | 0       |
| 15BQ1A0271 | RT31025 | POWER ELECTRONICS                | 16       | 11       | 0       |
| 15BQ1A0271 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 17       | 6        | 0       |
| 15BQ1A0271 | RT31027 | ELECTRICAL MACHINES-II LAB       | 14       | 22       | 2       |
| 15BQ1A0271 | RT31028 | CONTROL SYSTEMS LAB              | 12       | 21       | 2       |
| 15BQ1A0272 | RT31016 | IPR & PATENTS                    | 25       | 38       | 2       |
| 15BQ1A0272 | RT31021 | ELECTRICAL MEASUREMENTS          | 25       | 47       | 3       |
| 15BQ1A0272 | RT31022 | MEFA                             | 29       | 45       | 3       |
| 15BQ1A0272 | RT31023 | POWER SYSTEMS-II                 | 25       | 16       | 0       |
| 15BQ1A0272 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 44       | 3       |
| 15BQ1A0272 | RT31025 | POWER ELECTRONICS                | 26       | 31       | 3       |
| 15BQ1A0272 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 46       | 3       |
| 15BQ1A0272 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 46       | 2       |
| 15BQ1A0272 | RT31028 | CONTROL SYSTEMS LAB              | 22       | 41       | 2       |
| 15BQ1A0273 | RT31016 | IPR & PATENTS                    | 24       | 45       | 2       |
| 15BQ1A0273 | RT31021 | ELECTRICAL MEASUREMENTS          | 26       | 29       | 3       |
| 15BQ1A0273 | RT31022 | MEFA                             | 28       | 52       | 3       |
| 15BQ1A0273 | RT31023 | POWER SYSTEMS-II                 | 22       | 38       | 3       |
| 15BQ1A0273 | RT31024 | ELECTRICAL MACHINES-III          | 23       | 48       | 3       |
| 15BQ1A0273 | RT31025 | POWER ELECTRONICS                | 28       | 14       | 0       |
| 15BQ1A0273 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 24       | 48       | 3       |
| 15BQ1A0273 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 45       | 2       |
| 15BQ1A0273 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 40       | 2       |
| 15BQ1A0274 | RT31016 | IPR & PATENTS                    | 21       | 37       | 2       |
| 15BQ1A0274 | RT31021 | ELECTRICAL MEASUREMENTS          | 17       | 28       | 3       |
| 15BQ1A0274 | RT31022 | MEFA                             | 20       | 29       | 3       |
| 15BQ1A0274 | RT31023 | POWER SYSTEMS-II                 | 17       | 35       | 3       |
| 15BQ1A0274 | RT31024 | ELECTRICAL MACHINES-III          | 25       | 36       | 3       |
| 15BQ1A0274 | RT31025 | POWER ELECTRONICS                | 20       | 38       | 3       |
| 15BQ1A0274 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 18       | 40       | 3       |
| 15BQ1A0274 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 35       | 2       |
| 15BQ1A0274 | RT31028 | CONTROL SYSTEMS LAB              | 15       | 36       | 2       |
| 15BQ1A0275 | RT31016 | IPR & PATENTS                    | 28       | 42       | 2       |
| 15BQ1A0275 | RT31021 | ELECTRICAL MEASUREMENTS          | 28       | 45       | 3       |
| 15BQ1A0275 | RT31022 | MEFA                             | 28       | 46       | 3       |
| 15BQ1A0275 | RT31023 | POWER SYSTEMS-II                 | 26       | 58       | 3       |
| 15BQ1A0275 | RT31024 | ELECTRICAL MACHINES-III          | 29       | 47       | 3       |
| 15BQ1A0275 | RT31025 | POWER ELECTRONICS                | 27       | 49       | 3       |
| 15BQ1A0275 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 34       | 3       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0275 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 45       | 2       |
| 15BQ1A0275 | RT31028 | CONTROL SYSTEMS LAB              | 22       | 44       | 2       |
| 15BQ1A0276 | RT31016 | IPR & PATENTS                    | 27       | 40       | 2       |
| 15BQ1A0276 | RT31021 | ELECTRICAL MEASUREMENTS          | 22       | 55       | 3       |
| 15BQ1A0276 | RT31022 | MEFA                             | 24       | 43       | 3       |
| 15BQ1A0276 | RT31023 | POWER SYSTEMS-II                 | 26       | 0        | 0       |
| 15BQ1A0276 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 41       | 3       |
| 15BQ1A0276 | RT31025 | POWER ELECTRONICS                | 28       | 36       | 3       |
| 15BQ1A0276 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 26       | 50       | 3       |
| 15BQ1A0276 | RT31027 | ELECTRICAL MACHINES-II LAB       | 17       | 42       | 2       |
| 15BQ1A0276 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 39       | 2       |
| 15BQ1A0277 | RT31016 | IPR & PATENTS                    | 26       | 50       | 2       |
| 15BQ1A0277 | RT31021 | ELECTRICAL MEASUREMENTS          | 19       | 32       | 3       |
| 15BQ1A0277 | RT31022 | MEFA                             | 25       | 50       | 3       |
| 15BQ1A0277 | RT31023 | POWER SYSTEMS-II                 | 18       | 28       | 3       |
| 15BQ1A0277 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 49       | 3       |
| 15BQ1A0277 | RT31025 | POWER ELECTRONICS                | 18       | 6        | 0       |
| 15BQ1A0277 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 21       | 34       | 3       |
| 15BQ1A0277 | RT31027 | ELECTRICAL MACHINES-II LAB       | 17       | 36       | 2       |
| 15BQ1A0277 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 42       | 2       |
| 15BQ1A0279 | RT31016 | IPR & PATENTS                    | 27       | 50       | 2       |
| 15BQ1A0279 | RT31021 | ELECTRICAL MEASUREMENTS          | 25       | 33       | 3       |
| 15BQ1A0279 | RT31022 | MEFA                             | 24       | 30       | 3       |
| 15BQ1A0279 | RT31023 | POWER SYSTEMS-II                 | 30       | 40       | 3       |
| 15BQ1A0279 | RT31024 | ELECTRICAL MACHINES-III          | 28       | 60       | 3       |
| 15BQ1A0279 | RT31025 | POWER ELECTRONICS                | 24       | 40       | 3       |
| 15BQ1A0279 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 62       | 3       |
| 15BQ1A0279 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 37       | 2       |
| 15BQ1A0279 | RT31028 | CONTROL SYSTEMS LAB              | 18       | 32       | 2       |
| 15BQ1A0280 | RT31016 | IPR & PATENTS                    | 25       | 31       | 2       |
| 15BQ1A0280 | RT31021 | ELECTRICAL MEASUREMENTS          | 24       | 41       | 3       |
| 15BQ1A0280 | RT31022 | MEFA                             | 26       | 35       | 3       |
| 15BQ1A0280 | RT31023 | POWER SYSTEMS-II                 | 24       | 49       | 3       |
| 15BQ1A0280 | RT31024 | ELECTRICAL MACHINES-III          | 28       | 37       | 3       |
| 15BQ1A0280 | RT31025 | POWER ELECTRONICS                | 27       | 47       | 3       |
| 15BQ1A0280 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 26       | 27       | 3       |
| 15BQ1A0280 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 41       | 2       |
| 15BQ1A0280 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 41       | 2       |
| 15BQ1A0281 | RT31016 | IPR & PATENTS                    | 29       | 40       | 2       |
| 15BQ1A0281 | RT31021 | ELECTRICAL MEASUREMENTS          | 21       | 35       | 3       |
| 15BQ1A0281 | RT31022 | MEFA                             | 23       | 43       | 3       |
| 15BQ1A0281 | RT31023 | POWER SYSTEMS-II                 | 26       | 24       | 3       |
| 15BQ1A0281 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 60       | 3       |
| 15BQ1A0281 | RT31025 | POWER ELECTRONICS                | 25       | 36       | 3       |
| 15BQ1A0281 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 47       | 3       |
| 15BQ1A0281 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 26       | 2       |
| 15BQ1A0281 | RT31028 | CONTROL SYSTEMS LAB              | 22       | 42       | 2       |
| 15BQ1A0282 | RT31016 | IPR & PATENTS                    | 28       | 37       | 2       |
| 15BQ1A0282 | RT31021 | ELECTRICAL MEASUREMENTS          | 21       | 26       | 3       |
| 15BQ1A0282 | RT31022 | MEFA                             | 27       | 44       | 3       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0282 | RT31023 | POWER SYSTEMS-II                 | 19       | 26       | 3       |
| 15BQ1A0282 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 40       | 3       |
| 15BQ1A0282 | RT31025 | POWER ELECTRONICS                | 26       | 15       | 0       |
| 15BQ1A0282 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 43       | 3       |
| 15BQ1A0282 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 32       | 2       |
| 15BQ1A0282 | RT31028 | CONTROL SYSTEMS LAB              | 21       | 40       | 2       |
| 15BQ1A0283 | RT31016 | IPR & PATENTS                    | 24       | 34       | 2       |
| 15BQ1A0283 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 15       | 0       |
| 15BQ1A0283 | RT31022 | MEFA                             | 17       | 33       | 3       |
| 15BQ1A0283 | RT31023 | POWER SYSTEMS-II                 | 17       | 28       | 3       |
| 15BQ1A0283 | RT31024 | ELECTRICAL MACHINES-III          | 19       | 14       | 0       |
| 15BQ1A0283 | RT31025 | POWER ELECTRONICS                | 21       | 31       | 3       |
| 15BQ1A0283 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 17       | 24       | 3       |
| 15BQ1A0283 | RT31027 | ELECTRICAL MACHINES-II LAB       | 18       | 10       | 0       |
| 15BQ1A0283 | RT31028 | CONTROL SYSTEMS LAB              | 18       | 36       | 2       |
| 15BQ1A0284 | RT31016 | IPR & PATENTS                    | 26       | 35       | 2       |
| 15BQ1A0284 | RT31021 | ELECTRICAL MEASUREMENTS          | 22       | 31       | 3       |
| 15BQ1A0284 | RT31022 | MEFA                             | 26       | 26       | 3       |
| 15BQ1A0284 | RT31023 | POWER SYSTEMS-II                 | 20       | 36       | 3       |
| 15BQ1A0284 | RT31024 | ELECTRICAL MACHINES-III          | 25       | 48       | 3       |
| 15BQ1A0284 | RT31025 | POWER ELECTRONICS                | 27       | 27       | 3       |
| 15BQ1A0284 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 24       | 3       |
| 15BQ1A0284 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 30       | 2       |
| 15BQ1A0284 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 39       | 2       |
| 15BQ1A0285 | RT31016 | IPR & PATENTS                    | 29       | 37       | 2       |
| 15BQ1A0285 | RT31021 | ELECTRICAL MEASUREMENTS          | 27       | 40       | 3       |
| 15BQ1A0285 | RT31022 | MEFA                             | 27       | 42       | 3       |
| 15BQ1A0285 | RT31023 | POWER SYSTEMS-II                 | 27       | 24       | 3       |
| 15BQ1A0285 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 35       | 3       |
| 15BQ1A0285 | RT31025 | POWER ELECTRONICS                | 28       | 34       | 3       |
| 15BQ1A0285 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 50       | 3       |
| 15BQ1A0285 | RT31027 | ELECTRICAL MACHINES-II LAB       | 22       | 47       | 2       |
| 15BQ1A0285 | RT31028 | CONTROL SYSTEMS LAB              | 22       | 46       | 2       |
| 15BQ1A0286 | RT31016 | IPR & PATENTS                    | 21       | 37       | 2       |
| 15BQ1A0286 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 24       | 3       |
| 15BQ1A0286 | RT31022 | MEFA                             | 22       | 29       | 3       |
| 15BQ1A0286 | RT31023 | POWER SYSTEMS-II                 | 16       | 24       | 3       |
| 15BQ1A0286 | RT31024 | ELECTRICAL MACHINES-III          | 18       | 24       | 3       |
| 15BQ1A0286 | RT31025 | POWER ELECTRONICS                | 20       | 8        | 0       |
| 15BQ1A0286 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 23       | 24       | 3       |
| 15BQ1A0286 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 18       | 2       |
| 15BQ1A0286 | RT31028 | CONTROL SYSTEMS LAB              | 19       | 36       | 2       |
| 15BQ1A0287 | RT31016 | IPR & PATENTS                    | 29       | 36       | 2       |
| 15BQ1A0287 | RT31021 | ELECTRICAL MEASUREMENTS          | 30       | 44       | 3       |
| 15BQ1A0287 | RT31022 | MEFA                             | 29       | 46       | 3       |
| 15BQ1A0287 | RT31023 | POWER SYSTEMS-II                 | 28       | 42       | 3       |
| 15BQ1A0287 | RT31024 | ELECTRICAL MACHINES-III          | 29       | 70       | 3       |
| 15BQ1A0287 | RT31025 | POWER ELECTRONICS                | 28       | 37       | 3       |
| 15BQ1A0287 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 48       | 3       |
| 15BQ1A0287 | RT31027 | ELECTRICAL MACHINES-II LAB       | 24       | 46       | 2       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0287 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 46       | 2       |
| 15BQ1A0288 | RT31016 | IPR & PATENTS                    | 18       | 28       | 2       |
| 15BQ1A0288 | RT31021 | ELECTRICAL MEASUREMENTS          | 24       | 30       | 3       |
| 15BQ1A0288 | RT31022 | MEFA                             | 27       | 37       | 3       |
| 15BQ1A0288 | RT31023 | POWER SYSTEMS-II                 | 18       | 36       | 3       |
| 15BQ1A0288 | RT31024 | ELECTRICAL MACHINES-III          | 28       | 42       | 3       |
| 15BQ1A0288 | RT31025 | POWER ELECTRONICS                | 25       | 45       | 3       |
| 15BQ1A0288 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 23       | 24       | 3       |
| 15BQ1A0288 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 45       | 2       |
| 15BQ1A0288 | RT31028 | CONTROL SYSTEMS LAB              | 19       | 42       | 2       |
| 15BQ1A0289 | RT31016 | IPR & PATENTS                    | 29       | 48       | 2       |
| 15BQ1A0289 | RT31021 | ELECTRICAL MEASUREMENTS          | 28       | 38       | 3       |
| 15BQ1A0289 | RT31022 | MEFA                             | 30       | 46       | 3       |
| 15BQ1A0289 | RT31023 | POWER SYSTEMS-II                 | 27       | 32       | 3       |
| 15BQ1A0289 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 69       | 3       |
| 15BQ1A0289 | RT31025 | POWER ELECTRONICS                | 30       | 36       | 3       |
| 15BQ1A0289 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 53       | 3       |
| 15BQ1A0289 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 45       | 2       |
| 15BQ1A0289 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 47       | 2       |
| 15BQ1A0290 | RT31016 | IPR & PATENTS                    | 24       | 44       | 2       |
| 15BQ1A0290 | RT31021 | ELECTRICAL MEASUREMENTS          | 22       | 32       | 3       |
| 15BQ1A0290 | RT31022 | MEFA                             | 30       | 50       | 3       |
| 15BQ1A0290 | RT31023 | POWER SYSTEMS-II                 | 22       | 27       | 3       |
| 15BQ1A0290 | RT31024 | ELECTRICAL MACHINES-III          | 29       | 47       | 3       |
| 15BQ1A0290 | RT31025 | POWER ELECTRONICS                | 26       | 17       | 0       |
| 15BQ1A0290 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 40       | 3       |
| 15BQ1A0290 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 41       | 2       |
| 15BQ1A0290 | RT31028 | CONTROL SYSTEMS LAB              | 22       | 48       | 2       |
| 15BQ1A0291 | RT31016 | IPR & PATENTS                    | 28       | 42       | 2       |
| 15BQ1A0291 | RT31021 | ELECTRICAL MEASUREMENTS          | 26       | 34       | 3       |
| 15BQ1A0291 | RT31022 | MEFA                             | 23       | 33       | 3       |
| 15BQ1A0291 | RT31023 | POWER SYSTEMS-II                 | 24       | 58       | 3       |
| 15BQ1A0291 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 50       | 3       |
| 15BQ1A0291 | RT31025 | POWER ELECTRONICS                | 24       | 42       | 3       |
| 15BQ1A0291 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 52       | 3       |
| 15BQ1A0291 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 34       | 2       |
| 15BQ1A0291 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 40       | 2       |
| 15BQ1A0292 | RT31016 | IPR & PATENTS                    | 25       | 33       | 2       |
| 15BQ1A0292 | RT31021 | ELECTRICAL MEASUREMENTS          | 22       | 37       | 3       |
| 15BQ1A0292 | RT31022 | MEFA                             | 20       | 36       | 3       |
| 15BQ1A0292 | RT31023 | POWER SYSTEMS-II                 | 17       | 33       | 3       |
| 15BQ1A0292 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 53       | 3       |
| 15BQ1A0292 | RT31025 | POWER ELECTRONICS                | 21       | 28       | 3       |
| 15BQ1A0292 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 19       | 24       | 3       |
| 15BQ1A0292 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 30       | 2       |
| 15BQ1A0292 | RT31028 | CONTROL SYSTEMS LAB              | 14       | 32       | 2       |
| 15BQ1A0293 | RT31016 | IPR & PATENTS                    | 22       | 39       | 2       |
| 15BQ1A0293 | RT31021 | ELECTRICAL MEASUREMENTS          | 28       | 60       | 3       |
| 15BQ1A0293 | RT31022 | MEFA                             | 24       | 44       | 3       |
| 15BQ1A0293 | RT31023 | POWER SYSTEMS-II                 | 24       | 32       | 3       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0293 | RT31024 | ELECTRICAL MACHINES-III          | 23       | 50       | 3       |
| 15BQ1A0293 | RT31025 | POWER ELECTRONICS                | 24       | 31       | 3       |
| 15BQ1A0293 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 26       | 47       | 3       |
| 15BQ1A0293 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 37       | 2       |
| 15BQ1A0293 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 46       | 2       |
| 15BQ1A0294 | RT31016 | IPR & PATENTS                    | 20       | 38       | 2       |
| 15BQ1A0294 | RT31021 | ELECTRICAL MEASUREMENTS          | 22       | 11       | 0       |
| 15BQ1A0294 | RT31022 | MEFA                             | 22       | 30       | 3       |
| 15BQ1A0294 | RT31023 | POWER SYSTEMS-II                 | 20       | 24       | 3       |
| 15BQ1A0294 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 32       | 3       |
| 15BQ1A0294 | RT31025 | POWER ELECTRONICS                | 21       | 11       | 0       |
| 15BQ1A0294 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 25       | 14       | 0       |
| 15BQ1A0294 | RT31027 | ELECTRICAL MACHINES-II LAB       | 17       | 43       | 2       |
| 15BQ1A0294 | RT31028 | CONTROL SYSTEMS LAB              | 17       | 38       | 2       |
| 15BQ1A0295 | RT31016 | IPR & PATENTS                    | 23       | 38       | 2       |
| 15BQ1A0295 | RT31021 | ELECTRICAL MEASUREMENTS          | 17       | 25       | 3       |
| 15BQ1A0295 | RT31022 | MEFA                             | 24       | 28       | 3       |
| 15BQ1A0295 | RT31023 | POWER SYSTEMS-II                 | 18       | 28       | 3       |
| 15BQ1A0295 | RT31024 | ELECTRICAL MACHINES-III          | 20       | 44       | 3       |
| 15BQ1A0295 | RT31025 | POWER ELECTRONICS                | 24       | 24       | 3       |
| 15BQ1A0295 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 22       | 24       | 3       |
| 15BQ1A0295 | RT31027 | ELECTRICAL MACHINES-II LAB       | 14       | 18       | 2       |
| 15BQ1A0295 | RT31028 | CONTROL SYSTEMS LAB              | 15       | 37       | 2       |
| 15BQ1A0296 | RT31016 | IPR & PATENTS                    | 29       | 45       | 2       |
| 15BQ1A0296 | RT31021 | ELECTRICAL MEASUREMENTS          | 25       | 42       | 3       |
| 15BQ1A0296 | RT31022 | MEFA                             | 27       | 42       | 3       |
| 15BQ1A0296 | RT31023 | POWER SYSTEMS-II                 | 24       | 38       | 3       |
| 15BQ1A0296 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 51       | 3       |
| 15BQ1A0296 | RT31025 | POWER ELECTRONICS                | 24       | 47       | 3       |
| 15BQ1A0296 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 28       | 3       |
| 15BQ1A0296 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 46       | 2       |
| 15BQ1A0296 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 43       | 2       |
| 15BQ1A0297 | RT31016 | IPR & PATENTS                    | 28       | 49       | 2       |
| 15BQ1A0297 | RT31021 | ELECTRICAL MEASUREMENTS          | 24       | 57       | 3       |
| 15BQ1A0297 | RT31022 | MEFA                             | 27       | 45       | 3       |
| 15BQ1A0297 | RT31023 | POWER SYSTEMS-II                 | 24       | 24       | 3       |
| 15BQ1A0297 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 29       | 3       |
| 15BQ1A0297 | RT31025 | POWER ELECTRONICS                | 23       | 26       | 3       |
| 15BQ1A0297 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 22       | 51       | 3       |
| 15BQ1A0297 | RT31027 | ELECTRICAL MACHINES-II LAB       | 22       | 40       | 2       |
| 15BQ1A0297 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 48       | 2       |
| 15BQ1A0298 | RT31016 | IPR & PATENTS                    | 18       | 37       | 2       |
| 15BQ1A0298 | RT31021 | ELECTRICAL MEASUREMENTS          | 18       | 10       | 0       |
| 15BQ1A0298 | RT31022 | MEFA                             | 20       | 35       | 3       |
| 15BQ1A0298 | RT31023 | POWER SYSTEMS-II                 | 19       | 13       | 0       |
| 15BQ1A0298 | RT31024 | ELECTRICAL MACHINES-III          | 16       | 31       | 3       |
| 15BQ1A0298 | RT31025 | POWER ELECTRONICS                | 16       | 12       | 0       |
| 15BQ1A0298 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 19       | 24       | 3       |
| 15BQ1A0298 | RT31027 | ELECTRICAL MACHINES-II LAB       | 18       | 8        | 0       |
| 15BQ1A0298 | RT31028 | CONTROL SYSTEMS LAB              | 16       | 32       | 2       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A0299 | RT31016 | IPR & PATENTS                    | 24       | 40       | 2       |
| 15BQ1A0299 | RT31021 | ELECTRICAL MEASUREMENTS          | 22       | 26       | 3       |
| 15BQ1A0299 | RT31022 | MEFA                             | 26       | 31       | 3       |
| 15BQ1A0299 | RT31023 | POWER SYSTEMS-II                 | 18       | 15       | 0       |
| 15BQ1A0299 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 36       | 3       |
| 15BQ1A0299 | RT31025 | POWER ELECTRONICS                | 19       | 30       | 3       |
| 15BQ1A0299 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 30       | 3       |
| 15BQ1A0299 | RT31027 | ELECTRICAL MACHINES-II LAB       | 14       | 9        | 0       |
| 15BQ1A0299 | RT31028 | CONTROL SYSTEMS LAB              | 19       | 35       | 2       |
| 15BQ1A02A0 | RT31016 | IPR & PATENTS                    | 27       | 28       | 2       |
| 15BQ1A02A0 | RT31021 | ELECTRICAL MEASUREMENTS          | 24       | 32       | 3       |
| 15BQ1A02A0 | RT31022 | MEFA                             | 27       | 24       | 3       |
| 15BQ1A02A0 | RT31023 | POWER SYSTEMS-II                 | 18       | 25       | 3       |
| 15BQ1A02A0 | RT31024 | ELECTRICAL MACHINES-III          | 25       | 12       | 0       |
| 15BQ1A02A0 | RT31025 | POWER ELECTRONICS                | 20       | 25       | 3       |
| 15BQ1A02A0 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 19       | 11       | 0       |
| 15BQ1A02A0 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 9        | 0       |
| 15BQ1A02A0 | RT31028 | CONTROL SYSTEMS LAB              | 17       | 39       | 2       |
| 15BQ1A02A1 | RT31016 | IPR & PATENTS                    | 29       | 37       | 2       |
| 15BQ1A02A1 | RT31021 | ELECTRICAL MEASUREMENTS          | 23       | 67       | 3       |
| 15BQ1A02A1 | RT31022 | MEFA                             | 28       | 44       | 3       |
| 15BQ1A02A1 | RT31023 | POWER SYSTEMS-II                 | 26       | 40       | 3       |
| 15BQ1A02A1 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 39       | 3       |
| 15BQ1A02A1 | RT31025 | POWER ELECTRONICS                | 25       | 40       | 3       |
| 15BQ1A02A1 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 47       | 3       |
| 15BQ1A02A1 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 38       | 2       |
| 15BQ1A02A1 | RT31028 | CONTROL SYSTEMS LAB              | 21       | 47       | 2       |
| 15BQ1A02A2 | RT31016 | IPR & PATENTS                    | 16       | 29       | 2       |
| 15BQ1A02A2 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 12       | 0       |
| 15BQ1A02A2 | RT31022 | MEFA                             | 15       | 30       | 3       |
| 15BQ1A02A2 | RT31023 | POWER SYSTEMS-II                 | 19       | 16       | 0       |
| 15BQ1A02A2 | RT31024 | ELECTRICAL MACHINES-III          | 19       | 33       | 3       |
| 15BQ1A02A2 | RT31025 | POWER ELECTRONICS                | 16       | 6        | 0       |
| 15BQ1A02A2 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 20       | 24       | 3       |
| 15BQ1A02A2 | RT31027 | ELECTRICAL MACHINES-II LAB       | 16       | 34       | 2       |
| 15BQ1A02A2 | RT31028 | CONTROL SYSTEMS LAB              | 17       | 38       | 2       |
| 15BQ1A02A3 | RT31016 | IPR & PATENTS                    | 22       | 34       | 2       |
| 15BQ1A02A3 | RT31021 | ELECTRICAL MEASUREMENTS          | 21       | 32       | 3       |
| 15BQ1A02A3 | RT31022 | MEFA                             | 22       | 24       | 3       |
| 15BQ1A02A3 | RT31023 | POWER SYSTEMS-II                 | 18       | 36       | 3       |
| 15BQ1A02A3 | RT31024 | ELECTRICAL MACHINES-III          | 20       | 36       | 3       |
| 15BQ1A02A3 | RT31025 | POWER ELECTRONICS                | 19       | 24       | 3       |
| 15BQ1A02A3 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 22       | 40       | 3       |
| 15BQ1A02A3 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 36       | 2       |
| 15BQ1A02A3 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 46       | 2       |
| 15BQ1A02A4 | RT31016 | IPR & PATENTS                    | 30       | 43       | 2       |
| 15BQ1A02A4 | RT31021 | ELECTRICAL MEASUREMENTS          | 28       | 48       | 3       |
| 15BQ1A02A4 | RT31022 | MEFA                             | 24       | 46       | 3       |
| 15BQ1A02A4 | RT31023 | POWER SYSTEMS-II                 | 24       | 54       | 3       |
| 15BQ1A02A4 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 67       | 3       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A02A4 | RT31025 | POWER ELECTRONICS                | 28       | 40       | 3       |
| 15BQ1A02A4 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 43       | 3       |
| 15BQ1A02A4 | RT31027 | ELECTRICAL MACHINES-II LAB       | 22       | 47       | 2       |
| 15BQ1A02A4 | RT31028 | CONTROL SYSTEMS LAB              | 21       | 38       | 2       |
| 15BQ1A02A5 | RT31016 | IPR & PATENTS                    | 24       | 47       | 2       |
| 15BQ1A02A5 | RT31021 | ELECTRICAL MEASUREMENTS          | 27       | 58       | 3       |
| 15BQ1A02A5 | RT31022 | MEFA                             | 25       | 44       | 3       |
| 15BQ1A02A5 | RT31023 | POWER SYSTEMS-II                 | 25       | 7        | 0       |
| 15BQ1A02A5 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 70       | 3       |
| 15BQ1A02A5 | RT31025 | POWER ELECTRONICS                | 27       | 39       | 3       |
| 15BQ1A02A5 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 55       | 3       |
| 15BQ1A02A5 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 46       | 2       |
| 15BQ1A02A5 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 46       | 2       |
| 15BQ1A02A6 | RT31016 | IPR & PATENTS                    | 28       | 47       | 2       |
| 15BQ1A02A6 | RT31021 | ELECTRICAL MEASUREMENTS          | 19       | 38       | 3       |
| 15BQ1A02A6 | RT31022 | MEFA                             | 28       | 59       | 3       |
| 15BQ1A02A6 | RT31023 | POWER SYSTEMS-II                 | 24       | 31       | 3       |
| 15BQ1A02A6 | RT31024 | ELECTRICAL MACHINES-III          | 28       | 44       | 3       |
| 15BQ1A02A6 | RT31025 | POWER ELECTRONICS                | 25       | 15       | 0       |
| 15BQ1A02A6 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 54       | 3       |
| 15BQ1A02A6 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 37       | 2       |
| 15BQ1A02A6 | RT31028 | CONTROL SYSTEMS LAB              | 22       | 45       | 2       |
| 15BQ1A02A7 | RT31016 | IPR & PATENTS                    | 27       | 39       | 2       |
| 15BQ1A02A7 | RT31021 | ELECTRICAL MEASUREMENTS          | 27       | 33       | 3       |
| 15BQ1A02A7 | RT31022 | MEFA                             | 27       | 41       | 3       |
| 15BQ1A02A7 | RT31023 | POWER SYSTEMS-II                 | 25       | 42       | 3       |
| 15BQ1A02A7 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 36       | 3       |
| 15BQ1A02A7 | RT31025 | POWER ELECTRONICS                | 27       | 34       | 3       |
| 15BQ1A02A7 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 26       | 39       | 3       |
| 15BQ1A02A7 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 44       | 2       |
| 15BQ1A02A7 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 46       | 2       |
| 15BQ1A02A8 | RT31016 | IPR & PATENTS                    | 25       | 34       | 2       |
| 15BQ1A02A8 | RT31021 | ELECTRICAL MEASUREMENTS          | 23       | 40       | 3       |
| 15BQ1A02A8 | RT31022 | MEFA                             | 25       | 45       | 3       |
| 15BQ1A02A8 | RT31023 | POWER SYSTEMS-II                 | 19       | 42       | 3       |
| 15BQ1A02A8 | RT31024 | ELECTRICAL MACHINES-III          | 19       | 49       | 3       |
| 15BQ1A02A8 | RT31025 | POWER ELECTRONICS                | 25       | 39       | 3       |
| 15BQ1A02A8 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 21       | 24       | 3       |
| 15BQ1A02A8 | RT31027 | ELECTRICAL MACHINES-II LAB       | 17       | 27       | 2       |
| 15BQ1A02A8 | RT31028 | CONTROL SYSTEMS LAB              | 19       | 45       | 2       |
| 15BQ1A02A9 | RT31016 | IPR & PATENTS                    | 30       | 48       | 2       |
| 15BQ1A02A9 | RT31021 | ELECTRICAL MEASUREMENTS          | 28       | 52       | 3       |
| 15BQ1A02A9 | RT31022 | MEFA                             | 28       | 46       | 3       |
| 15BQ1A02A9 | RT31023 | POWER SYSTEMS-II                 | 25       | 32       | 3       |
| 15BQ1A02A9 | RT31024 | ELECTRICAL MACHINES-III          | 29       | 70       | 3       |
| 15BQ1A02A9 | RT31025 | POWER ELECTRONICS                | 29       | 37       | 3       |
| 15BQ1A02A9 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 53       | 3       |
| 15BQ1A02A9 | RT31027 | ELECTRICAL MACHINES-II LAB       | 24       | 47       | 2       |
| 15BQ1A02A9 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 45       | 2       |
| 15BQ1A02B0 | RT31016 | IPR & PATENTS                    | 21       | 44       | 2       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 15BQ1A02B0 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 24       | 3       |
| 15BQ1A02B0 | RT31022 | MEFA                             | 16       | 33       | 3       |
| 15BQ1A02B0 | RT31023 | POWER SYSTEMS-II                 | 16       | 36       | 3       |
| 15BQ1A02B0 | RT31024 | ELECTRICAL MACHINES-III          | 22       | 41       | 3       |
| 15BQ1A02B0 | RT31025 | POWER ELECTRONICS                | 24       | 6        | 0       |
| 15BQ1A02B0 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 16       | 34       | 3       |
| 15BQ1A02B0 | RT31027 | ELECTRICAL MACHINES-II LAB       | 17       | 25       | 2       |
| 15BQ1A02B0 | RT31028 | CONTROL SYSTEMS LAB              | 17       | 32       | 2       |
| 15BQ1A02B1 | RT31016 | IPR & PATENTS                    | 21       | 39       | 2       |
| 15BQ1A02B1 | RT31021 | ELECTRICAL MEASUREMENTS          | 19       | 26       | 3       |
| 15BQ1A02B1 | RT31022 | MEFA                             | 23       | 30       | 3       |
| 15BQ1A02B1 | RT31023 | POWER SYSTEMS-II                 | 23       | 45       | 3       |
| 15BQ1A02B1 | RT31024 | ELECTRICAL MACHINES-III          | 25       | 50       | 3       |
| 15BQ1A02B1 | RT31025 | POWER ELECTRONICS                | 20       | 31       | 3       |
| 15BQ1A02B1 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 24       | 48       | 3       |
| 15BQ1A02B1 | RT31027 | ELECTRICAL MACHINES-II LAB       | 18       | 44       | 2       |
| 15BQ1A02B1 | RT31028 | CONTROL SYSTEMS LAB              | 19       | 42       | 2       |
| 15BQ1A02B2 | RT31016 | IPR & PATENTS                    | 17       | 34       | 2       |
| 15BQ1A02B2 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 6        | 0       |
| 15BQ1A02B2 | RT31022 | MEFA                             | 18       | 37       | 3       |
| 15BQ1A02B2 | RT31023 | POWER SYSTEMS-II                 | 16       | 25       | 3       |
| 15BQ1A02B2 | RT31024 | ELECTRICAL MACHINES-III          | 22       | 48       | 3       |
| 15BQ1A02B2 | RT31025 | POWER ELECTRONICS                | 16       | 2        | 0       |
| 15BQ1A02B2 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 16       | 0        | 0       |
| 15BQ1A02B2 | RT31027 | ELECTRICAL MACHINES-II LAB       | 16       | 20       | 2       |
| 15BQ1A02B2 | RT31028 | CONTROL SYSTEMS LAB              | 17       | 40       | 2       |
| 15BQ1A02B3 | RT31016 | IPR & PATENTS                    | 18       | 30       | 2       |
| 15BQ1A02B3 | RT31021 | ELECTRICAL MEASUREMENTS          | 18       | 30       | 3       |
| 15BQ1A02B3 | RT31022 | MEFA                             | 22       | 48       | 3       |
| 15BQ1A02B3 | RT31023 | POWER SYSTEMS-II                 | 17       | 7        | 0       |
| 15BQ1A02B3 | RT31024 | ELECTRICAL MACHINES-III          | 21       | 24       | 3       |
| 15BQ1A02B3 | RT31025 | POWER ELECTRONICS                | 16       | 26       | 3       |
| 15BQ1A02B3 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 19       | 36       | 3       |
| 15BQ1A02B3 | RT31027 | ELECTRICAL MACHINES-II LAB       | 18       | 24       | 2       |
| 15BQ1A02B3 | RT31028 | CONTROL SYSTEMS LAB              | 16       | 37       | 2       |
| 15BQ1A02B4 | RT31016 | IPR & PATENTS                    | 26       | 41       | 2       |
| 15BQ1A02B4 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 25       | 3       |
| 15BQ1A02B4 | RT31022 | MEFA                             | 27       | 42       | 3       |
| 15BQ1A02B4 | RT31023 | POWER SYSTEMS-II                 | 18       | 31       | 3       |
| 15BQ1A02B4 | RT31024 | ELECTRICAL MACHINES-III          | 20       | 43       | 3       |
| 15BQ1A02B4 | RT31025 | POWER ELECTRONICS                | 19       | 24       | 3       |
| 15BQ1A02B4 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 24       | 47       | 3       |
| 15BQ1A02B4 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 20       | 2       |
| 15BQ1A02B4 | RT31028 | CONTROL SYSTEMS LAB              | 21       | 44       | 2       |
| 15BQ1A02B6 | RT31016 | IPR & PATENTS                    | 20       | 32       | 2       |
| 15BQ1A02B6 | RT31021 | ELECTRICAL MEASUREMENTS          | 24       | 12       | 0       |
| 15BQ1A02B6 | RT31022 | MEFA                             | 21       | 26       | 3       |
| 15BQ1A02B6 | RT31023 | POWER SYSTEMS-II                 | 24       | 17       | 0       |
| 15BQ1A02B6 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 37       | 3       |
| 15BQ1A02B6 | RT31025 | POWER ELECTRONICS                | 23       | 24       | 3       |



| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A02B6 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS  | 23       | 24       | 3       |
| 15BQ1A02B6 | RT31027 | ELECTRICAL MACHINES-II LAB        | 21       | 43       | 2       |
| 15BQ1A02B6 | RT31028 | CONTROL SYSTEMS LAB               | 20       | 45       | 2       |
| 15BQ1A0301 | RT31016 | IPR & PATENTS                     | 29       | 34       | 2       |
| 15BQ1A0301 | RT31031 | DYNAMICS OF MACHINERY             | 22       | 31       | 3       |
| 15BQ1A0301 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 27       | 43       | 3       |
| 15BQ1A0301 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 28       | 38       | 3       |
| 15BQ1A0301 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 30       | 51       | 3       |
| 15BQ1A0301 | RT31035 | THERMAL ENGINEERING-II            | 27       | 52       | 3       |
| 15BQ1A0301 | RT31036 | METROLOGY                         | 30       | 47       | 3       |
| 15BQ1A0301 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 48       | 2       |
| 15BQ1A0301 | RT31038 | MACHINE TOOLS LAB                 | 24       | 46       | 2       |
| 15BQ1A0302 | RT31016 | IPR & PATENTS                     | 20       | 28       | 2       |
| 15BQ1A0302 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 10       | 0       |
| 15BQ1A0302 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 20       | 26       | 3       |
| 15BQ1A0302 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 20       | 16       | 0       |
| 15BQ1A0302 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 20       | 35       | 3       |
| 15BQ1A0302 | RT31035 | THERMAL ENGINEERING-II            | 16       | 17       | 0       |
| 15BQ1A0302 | RT31036 | METROLOGY                         | 17       | 32       | 3       |
| 15BQ1A0302 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 19       | 35       | 2       |
| 15BQ1A0302 | RT31038 | MACHINE TOOLS LAB                 | 14       | 40       | 2       |
| 15BQ1A0303 | RT31016 | IPR & PATENTS                     | 28       | 34       | 2       |
| 15BQ1A0303 | RT31031 | DYNAMICS OF MACHINERY             | 26       | 34       | 3       |
| 15BQ1A0303 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 48       | 3       |
| 15BQ1A0303 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 22       | 33       | 3       |
| 15BQ1A0303 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 43       | 3       |
| 15BQ1A0303 | RT31035 | THERMAL ENGINEERING-II            | 23       | 53       | 3       |
| 15BQ1A0303 | RT31036 | METROLOGY                         | 24       | 51       | 3       |
| 15BQ1A0303 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 45       | 2       |
| 15BQ1A0303 | RT31038 | MACHINE TOOLS LAB                 | 24       | 50       | 2       |
| 15BQ1A0304 | RT31016 | IPR & PATENTS                     | 27       | 30       | 2       |
| 15BQ1A0304 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 34       | 3       |
| 15BQ1A0304 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 24       | 31       | 3       |
| 15BQ1A0304 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 20       | 46       | 3       |
| 15BQ1A0304 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 24       | 31       | 3       |
| 15BQ1A0304 | RT31035 | THERMAL ENGINEERING-II            | 20       | 24       | 3       |
| 15BQ1A0304 | RT31036 | METROLOGY                         | 18       | 32       | 3       |
| 15BQ1A0304 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 47       | 2       |
| 15BQ1A0304 | RT31038 | MACHINE TOOLS LAB                 | 23       | 44       | 2       |
| 15BQ1A0305 | RT31016 | IPR & PATENTS                     | 30       | 41       | 2       |
| 15BQ1A0305 | RT31031 | DYNAMICS OF MACHINERY             | 26       | 31       | 3       |
| 15BQ1A0305 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 27       | 51       | 3       |
| 15BQ1A0305 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 29       | 55       | 3       |
| 15BQ1A0305 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 30       | 50       | 3       |
| 15BQ1A0305 | RT31035 | THERMAL ENGINEERING-II            | 26       | 56       | 3       |
| 15BQ1A0305 | RT31036 | METROLOGY                         | 27       | 69       | 3       |
| 15BQ1A0305 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 25       | 50       | 2       |
| 15BQ1A0305 | RT31038 | MACHINE TOOLS LAB                 | 25       | 50       | 2       |
| 15BQ1A0306 | RT31016 | IPR & PATENTS                     | 19       | 31       | 2       |
| 15BQ1A0306 | RT31031 | DYNAMICS OF MACHINERY             | 10       | 5        | 0       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0306 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 28       | 9        | 0       |
| 15BQ1A0306 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 24       | 3       |
| 15BQ1A0306 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 21       | 19       | 0       |
| 15BQ1A0306 | RT31035 | THERMAL ENGINEERING-II            | 11       | 15       | 0       |
| 15BQ1A0306 | RT31036 | METROLOGY                         | 16       | 8        | 0       |
| 15BQ1A0306 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 13       | 26       | 2       |
| 15BQ1A0306 | RT31038 | MACHINE TOOLS LAB                 | 14       | 27       | 2       |
| 15BQ1A0307 | RT31016 | IPR & PATENTS                     | 22       | 27       | 2       |
| 15BQ1A0307 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 24       | 3       |
| 15BQ1A0307 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 20       | 33       | 3       |
| 15BQ1A0307 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 17       | 35       | 3       |
| 15BQ1A0307 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 18       | 28       | 3       |
| 15BQ1A0307 | RT31035 | THERMAL ENGINEERING-II            | 19       | 37       | 3       |
| 15BQ1A0307 | RT31036 | METROLOGY                         | 17       | 33       | 3       |
| 15BQ1A0307 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 35       | 2       |
| 15BQ1A0307 | RT31038 | MACHINE TOOLS LAB                 | 21       | 42       | 2       |
| 15BQ1A0308 | RT31016 | IPR & PATENTS                     | 29       | 48       | 2       |
| 15BQ1A0308 | RT31031 | DYNAMICS OF MACHINERY             | 25       | 45       | 3       |
| 15BQ1A0308 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 46       | 3       |
| 15BQ1A0308 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 30       | 46       | 3       |
| 15BQ1A0308 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 58       | 3       |
| 15BQ1A0308 | RT31035 | THERMAL ENGINEERING-II            | 26       | 56       | 3       |
| 15BQ1A0308 | RT31036 | METROLOGY                         | 30       | 43       | 3       |
| 15BQ1A0308 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 25       | 50       | 2       |
| 15BQ1A0308 | RT31038 | MACHINE TOOLS LAB                 | 24       | 50       | 2       |
| 15BQ1A0309 | RT31016 | IPR & PATENTS                     | 26       | 34       | 2       |
| 15BQ1A0309 | RT31031 | DYNAMICS OF MACHINERY             | 22       | 24       | 3       |
| 15BQ1A0309 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 36       | 3       |
| 15BQ1A0309 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 23       | 26       | 3       |
| 15BQ1A0309 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 25       | 41       | 3       |
| 15BQ1A0309 | RT31035 | THERMAL ENGINEERING-II            | 22       | 29       | 3       |
| 15BQ1A0309 | RT31036 | METROLOGY                         | 27       | 33       | 3       |
| 15BQ1A0309 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 42       | 2       |
| 15BQ1A0309 | RT31038 | MACHINE TOOLS LAB                 | 23       | 42       | 2       |
| 15BQ1A0310 | RT31016 | IPR & PATENTS                     | 23       | 39       | 2       |
| 15BQ1A0310 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 29       | 3       |
| 15BQ1A0310 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 45       | 3       |
| 15BQ1A0310 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 22       | 33       | 3       |
| 15BQ1A0310 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 23       | 46       | 3       |
| 15BQ1A0310 | RT31035 | THERMAL ENGINEERING-II            | 24       | 42       | 3       |
| 15BQ1A0310 | RT31036 | METROLOGY                         | 24       | 28       | 3       |
| 15BQ1A0310 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 24       | 40       | 2       |
| 15BQ1A0310 | RT31038 | MACHINE TOOLS LAB                 | 23       | 42       | 2       |
| 15BQ1A0311 | RT31016 | IPR & PATENTS                     | 28       | 27       | 2       |
| 15BQ1A0311 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 13       | 0       |
| 15BQ1A0311 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 30       | 3       |
| 15BQ1A0311 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 17       | 34       | 3       |
| 15BQ1A0311 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 25       | 28       | 3       |
| 15BQ1A0311 | RT31035 | THERMAL ENGINEERING-II            | 19       | 33       | 3       |
| 15BQ1A0311 | RT31036 | METROLOGY                         | 21       | 27       | 3       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0311 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 19       | 38       | 2       |
| 15BQ1A0311 | RT31038 | MACHINE TOOLS LAB                 | 14       | 42       | 2       |
| 15BQ1A0312 | RT31016 | IPR & PATENTS                     | 27       | 26       | 2       |
| 15BQ1A0312 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 8        | 0       |
| 15BQ1A0312 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 24       | 25       | 3       |
| 15BQ1A0312 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 19       | 12       | 0       |
| 15BQ1A0312 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 19       | 25       | 3       |
| 15BQ1A0312 | RT31035 | THERMAL ENGINEERING-II            | 21       | 24       | 3       |
| 15BQ1A0312 | RT31036 | METROLOGY                         | 18       | 15       | 0       |
| 15BQ1A0312 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 40       | 2       |
| 15BQ1A0312 | RT31038 | MACHINE TOOLS LAB                 | 17       | 45       | 2       |
| 15BQ1A0313 | RT31016 | IPR & PATENTS                     | 30       | 34       | 2       |
| 15BQ1A0313 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 15       | 0       |
| 15BQ1A0313 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 30       | 32       | 3       |
| 15BQ1A0313 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 35       | 3       |
| 15BQ1A0313 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 42       | 3       |
| 15BQ1A0313 | RT31035 | THERMAL ENGINEERING-II            | 21       | 29       | 3       |
| 15BQ1A0313 | RT31036 | METROLOGY                         | 26       | 33       | 3       |
| 15BQ1A0313 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 45       | 2       |
| 15BQ1A0313 | RT31038 | MACHINE TOOLS LAB                 | 24       | 50       | 2       |
| 15BQ1A0314 | RT31016 | IPR & PATENTS                     | 30       | 52       | 2       |
| 15BQ1A0314 | RT31031 | DYNAMICS OF MACHINERY             | 24       | 31       | 3       |
| 15BQ1A0314 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 40       | 3       |
| 15BQ1A0314 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 29       | 35       | 3       |
| 15BQ1A0314 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 49       | 3       |
| 15BQ1A0314 | RT31035 | THERMAL ENGINEERING-II            | 24       | 38       | 3       |
| 15BQ1A0314 | RT31036 | METROLOGY                         | 30       | 41       | 3       |
| 15BQ1A0314 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 46       | 2       |
| 15BQ1A0314 | RT31038 | MACHINE TOOLS LAB                 | 23       | 46       | 2       |
| 15BQ1A0315 | RT31016 | IPR & PATENTS                     | 26       | 26       | 2       |
| 15BQ1A0315 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 30       | 3       |
| 15BQ1A0315 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 24       | 34       | 3       |
| 15BQ1A0315 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 21       | 43       | 3       |
| 15BQ1A0315 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 26       | 39       | 3       |
| 15BQ1A0315 | RT31035 | THERMAL ENGINEERING-II            | 22       | 54       | 3       |
| 15BQ1A0315 | RT31036 | METROLOGY                         | 25       | 38       | 3       |
| 15BQ1A0315 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 19       | 40       | 2       |
| 15BQ1A0315 | RT31038 | MACHINE TOOLS LAB                 | 19       | 35       | 2       |
| 15BQ1A0316 | RT31016 | IPR & PATENTS                     | 24       | 16       | 0       |
| 15BQ1A0316 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 8        | 0       |
| 15BQ1A0316 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 24       | 13       | 0       |
| 15BQ1A0316 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 6        | 0       |
| 15BQ1A0316 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 24       | 39       | 3       |
| 15BQ1A0316 | RT31035 | THERMAL ENGINEERING-II            | 18       | 24       | 3       |
| 15BQ1A0316 | RT31036 | METROLOGY                         | 18       | 17       | 0       |
| 15BQ1A0316 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 18       | 35       | 2       |
| 15BQ1A0316 | RT31038 | MACHINE TOOLS LAB                 | 15       | 42       | 2       |
| 15BQ1A0317 | RT31016 | IPR & PATENTS                     | 22       | 31       | 2       |
| 15BQ1A0317 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 7        | 0       |
| 15BQ1A0317 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 26       | 3       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0317 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 17       | 0       |
| 15BQ1A0317 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 20       | 37       | 3       |
| 15BQ1A0317 | RT31035 | THERMAL ENGINEERING-II            | 17       | 13       | 0       |
| 15BQ1A0317 | RT31036 | METROLOGY                         | 16       | 17       | 0       |
| 15BQ1A0317 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 40       | 2       |
| 15BQ1A0317 | RT31038 | MACHINE TOOLS LAB                 | 15       | 27       | 2       |
| 15BQ1A0318 | RT31016 | IPR & PATENTS                     | 23       | 28       | 2       |
| 15BQ1A0318 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 8        | 0       |
| 15BQ1A0318 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 15       | 0       |
| 15BQ1A0318 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 21       | 15       | 0       |
| 15BQ1A0318 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 19       | 25       | 3       |
| 15BQ1A0318 | RT31035 | THERMAL ENGINEERING-II            | 18       | 10       | 0       |
| 15BQ1A0318 | RT31036 | METROLOGY                         | 16       | 24       | 3       |
| 15BQ1A0318 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 40       | 2       |
| 15BQ1A0318 | RT31038 | MACHINE TOOLS LAB                 | 15       | 48       | 2       |
| 15BQ1A0319 | RT31016 | IPR & PATENTS                     | 25       | 27       | 2       |
| 15BQ1A0319 | RT31031 | DYNAMICS OF MACHINERY             | 21       | 24       | 3       |
| 15BQ1A0319 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 42       | 3       |
| 15BQ1A0319 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 23       | 29       | 3       |
| 15BQ1A0319 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 26       | 37       | 3       |
| 15BQ1A0319 | RT31035 | THERMAL ENGINEERING-II            | 22       | 49       | 3       |
| 15BQ1A0319 | RT31036 | METROLOGY                         | 25       | 41       | 3       |
| 15BQ1A0319 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 44       | 2       |
| 15BQ1A0319 | RT31038 | MACHINE TOOLS LAB                 | 23       | 42       | 2       |
| 15BQ1A0320 | RT31016 | IPR & PATENTS                     | 22       | 24       | 2       |
| 15BQ1A0320 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 7        | 0       |
| 15BQ1A0320 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 22       | 16       | 0       |
| 15BQ1A0320 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 9        | 0       |
| 15BQ1A0320 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 20       | 30       | 3       |
| 15BQ1A0320 | RT31035 | THERMAL ENGINEERING-II            | 19       | 12       | 0       |
| 15BQ1A0320 | RT31036 | METROLOGY                         | 14       | 11       | 0       |
| 15BQ1A0320 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 40       | 2       |
| 15BQ1A0320 | RT31038 | MACHINE TOOLS LAB                 | 15       | 40       | 2       |
| 15BQ1A0321 | RT31016 | IPR & PATENTS                     | 30       | 43       | 2       |
| 15BQ1A0321 | RT31031 | DYNAMICS OF MACHINERY             | 22       | 32       | 3       |
| 15BQ1A0321 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 38       | 3       |
| 15BQ1A0321 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 29       | 46       | 3       |
| 15BQ1A0321 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 52       | 3       |
| 15BQ1A0321 | RT31035 | THERMAL ENGINEERING-II            | 25       | 48       | 3       |
| 15BQ1A0321 | RT31036 | METROLOGY                         | 29       | 46       | 3       |
| 15BQ1A0321 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 24       | 46       | 2       |
| 15BQ1A0321 | RT31038 | MACHINE TOOLS LAB                 | 23       | 48       | 2       |
| 15BQ1A0322 | RT31016 | IPR & PATENTS                     | 27       | 47       | 2       |
| 15BQ1A0322 | RT31031 | DYNAMICS OF MACHINERY             | 21       | 35       | 3       |
| 15BQ1A0322 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 33       | 3       |
| 15BQ1A0322 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 35       | 3       |
| 15BQ1A0322 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 26       | 48       | 3       |
| 15BQ1A0322 | RT31035 | THERMAL ENGINEERING-II            | 23       | 47       | 3       |
| 15BQ1A0322 | RT31036 | METROLOGY                         | 28       | 39       | 3       |
| 15BQ1A0322 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 46       | 2       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0322 | RT31038 | MACHINE TOOLS LAB                 | 23       | 48       | 2       |
| 15BQ1A0323 | RT31016 | IPR & PATENTS                     | 16       | 26       | 2       |
| 15BQ1A0323 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 8        | 0       |
| 15BQ1A0323 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 22       | 24       | 3       |
| 15BQ1A0323 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 17       | 13       | 0       |
| 15BQ1A0323 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 21       | 17       | 0       |
| 15BQ1A0323 | RT31035 | THERMAL ENGINEERING-II            | 16       | 24       | 3       |
| 15BQ1A0323 | RT31036 | METROLOGY                         | 16       | 31       | 3       |
| 15BQ1A0323 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 42       | 2       |
| 15BQ1A0323 | RT31038 | MACHINE TOOLS LAB                 | 19       | 35       | 2       |
| 15BQ1A0324 | RT31016 | IPR & PATENTS                     | 26       | 24       | 2       |
| 15BQ1A0324 | RT31031 | DYNAMICS OF MACHINERY             | 22       | 27       | 3       |
| 15BQ1A0324 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 24       | 26       | 3       |
| 15BQ1A0324 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 23       | 37       | 3       |
| 15BQ1A0324 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 23       | 31       | 3       |
| 15BQ1A0324 | RT31035 | THERMAL ENGINEERING-II            | 23       | 45       | 3       |
| 15BQ1A0324 | RT31036 | METROLOGY                         | 22       | 29       | 3       |
| 15BQ1A0324 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 44       | 2       |
| 15BQ1A0324 | RT31038 | MACHINE TOOLS LAB                 | 21       | 45       | 2       |
| 15BQ1A0325 | RT31016 | IPR & PATENTS                     | 25       | 40       | 2       |
| 15BQ1A0325 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 12       | 0       |
| 15BQ1A0325 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 29       | 3       |
| 15BQ1A0325 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 19       | 9        | 0       |
| 15BQ1A0325 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 18       | 30       | 3       |
| 15BQ1A0325 | RT31035 | THERMAL ENGINEERING-II            | 17       | 24       | 3       |
| 15BQ1A0325 | RT31036 | METROLOGY                         | 16       | 29       | 3       |
| 15BQ1A0325 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 40       | 2       |
| 15BQ1A0325 | RT31038 | MACHINE TOOLS LAB                 | 20       | 41       | 2       |
| 15BQ1A0326 | RT31016 | IPR & PATENTS                     | 23       | 38       | 2       |
| 15BQ1A0326 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 13       | 0       |
| 15BQ1A0326 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 32       | 3       |
| 15BQ1A0326 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 19       | 24       | 3       |
| 15BQ1A0326 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 20       | 32       | 3       |
| 15BQ1A0326 | RT31035 | THERMAL ENGINEERING-II            | 18       | 10       | 0       |
| 15BQ1A0326 | RT31036 | METROLOGY                         | 21       | 37       | 3       |
| 15BQ1A0326 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 45       | 2       |
| 15BQ1A0326 | RT31038 | MACHINE TOOLS LAB                 | 23       | 41       | 2       |
| 15BQ1A0327 | RT31016 | IPR & PATENTS                     | 27       | 28       | 2       |
| 15BQ1A0327 | RT31031 | DYNAMICS OF MACHINERY             | 19       | 13       | 0       |
| 15BQ1A0327 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 44       | 3       |
| 15BQ1A0327 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 22       | 31       | 3       |
| 15BQ1A0327 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 45       | 3       |
| 15BQ1A0327 | RT31035 | THERMAL ENGINEERING-II            | 23       | 55       | 3       |
| 15BQ1A0327 | RT31036 | METROLOGY                         | 24       | 40       | 3       |
| 15BQ1A0327 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 42       | 2       |
| 15BQ1A0327 | RT31038 | MACHINE TOOLS LAB                 | 22       | 44       | 2       |
| 15BQ1A0328 | RT31016 | IPR & PATENTS                     | 25       | 31       | 2       |
| 15BQ1A0328 | RT31031 | DYNAMICS OF MACHINERY             | 19       | 24       | 3       |
| 15BQ1A0328 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 24       | 30       | 3       |
| 15BQ1A0328 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 39       | 3       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0328 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 26       | 49       | 3       |
| 15BQ1A0328 | RT31035 | THERMAL ENGINEERING-II            | 23       | 41       | 3       |
| 15BQ1A0328 | RT31036 | METROLOGY                         | 22       | 39       | 3       |
| 15BQ1A0328 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 44       | 2       |
| 15BQ1A0328 | RT31038 | MACHINE TOOLS LAB                 | 23       | 49       | 2       |
| 15BQ1A0329 | RT31016 | IPR & PATENTS                     | 25       | 27       | 2       |
| 15BQ1A0329 | RT31031 | DYNAMICS OF MACHINERY             | 19       | 11       | 0       |
| 15BQ1A0329 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 22       | 25       | 3       |
| 15BQ1A0329 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 20       | 24       | 3       |
| 15BQ1A0329 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 23       | 26       | 3       |
| 15BQ1A0329 | RT31035 | THERMAL ENGINEERING-II            | 16       | 32       | 3       |
| 15BQ1A0329 | RT31036 | METROLOGY                         | 25       | 31       | 3       |
| 15BQ1A0329 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 45       | 2       |
| 15BQ1A0329 | RT31038 | MACHINE TOOLS LAB                 | 19       | 40       | 2       |
| 15BQ1A0330 | RT31016 | IPR & PATENTS                     | 30       | 39       | 2       |
| 15BQ1A0330 | RT31031 | DYNAMICS OF MACHINERY             | 27       | 54       | 3       |
| 15BQ1A0330 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 27       | 47       | 3       |
| 15BQ1A0330 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 30       | 49       | 3       |
| 15BQ1A0330 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 63       | 3       |
| 15BQ1A0330 | RT31035 | THERMAL ENGINEERING-II            | 28       | 53       | 3       |
| 15BQ1A0330 | RT31036 | METROLOGY                         | 30       | 60       | 3       |
| 15BQ1A0330 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 46       | 2       |
| 15BQ1A0330 | RT31038 | MACHINE TOOLS LAB                 | 25       | 50       | 2       |
| 15BQ1A0331 | RT31016 | IPR & PATENTS                     | 27       | 29       | 2       |
| 15BQ1A0331 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 17       | 0       |
| 15BQ1A0331 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 22       | 39       | 3       |
| 15BQ1A0331 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 23       | 34       | 3       |
| 15BQ1A0331 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 22       | 39       | 3       |
| 15BQ1A0331 | RT31035 | THERMAL ENGINEERING-II            | 16       | 44       | 3       |
| 15BQ1A0331 | RT31036 | METROLOGY                         | 24       | 37       | 3       |
| 15BQ1A0331 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 19       | 32       | 2       |
| 15BQ1A0331 | RT31038 | MACHINE TOOLS LAB                 | 15       | 30       | 2       |
| 15BQ1A0332 | RT31016 | IPR & PATENTS                     | 19       | 33       | 2       |
| 15BQ1A0332 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 24       | 3       |
| 15BQ1A0332 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 17       | 25       | 3       |
| 15BQ1A0332 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 22       | 12       | 0       |
| 15BQ1A0332 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 22       | 38       | 3       |
| 15BQ1A0332 | RT31035 | THERMAL ENGINEERING-II            | 20       | 33       | 3       |
| 15BQ1A0332 | RT31036 | METROLOGY                         | 23       | 29       | 3       |
| 15BQ1A0332 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 40       | 2       |
| 15BQ1A0332 | RT31038 | MACHINE TOOLS LAB                 | 17       | 38       | 2       |
| 15BQ1A0333 | RT31016 | IPR & PATENTS                     | 23       | 24       | 2       |
| 15BQ1A0333 | RT31031 | DYNAMICS OF MACHINERY             | 20       | 12       | 0       |
| 15BQ1A0333 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 32       | 3       |
| 15BQ1A0333 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 24       | 15       | 0       |
| 15BQ1A0333 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 31       | 3       |
| 15BQ1A0333 | RT31035 | THERMAL ENGINEERING-II            | 20       | 28       | 3       |
| 15BQ1A0333 | RT31036 | METROLOGY                         | 27       | 24       | 3       |
| 15BQ1A0333 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 40       | 2       |
| 15BQ1A0333 | RT31038 | MACHINE TOOLS LAB                 | 15       | 37       | 2       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0334 | RT31016 | IPR & PATENTS                     | 30       | 38       | 2       |
| 15BQ1A0334 | RT31031 | DYNAMICS OF MACHINERY             | 27       | 37       | 3       |
| 15BQ1A0334 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 28       | 43       | 3       |
| 15BQ1A0334 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 29       | 46       | 3       |
| 15BQ1A0334 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 44       | 3       |
| 15BQ1A0334 | RT31035 | THERMAL ENGINEERING-II            | 25       | 51       | 3       |
| 15BQ1A0334 | RT31036 | METROLOGY                         | 24       | 43       | 3       |
| 15BQ1A0334 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 24       | 48       | 2       |
| 15BQ1A0334 | RT31038 | MACHINE TOOLS LAB                 | 24       | 50       | 2       |
| 15BQ1A0335 | RT31016 | IPR & PATENTS                     | 30       | 36       | 2       |
| 15BQ1A0335 | RT31031 | DYNAMICS OF MACHINERY             | 23       | 49       | 3       |
| 15BQ1A0335 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 27       | 64       | 3       |
| 15BQ1A0335 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 22       | 50       | 3       |
| 15BQ1A0335 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 30       | 43       | 3       |
| 15BQ1A0335 | RT31035 | THERMAL ENGINEERING-II            | 24       | 58       | 3       |
| 15BQ1A0335 | RT31036 | METROLOGY                         | 29       | 42       | 3       |
| 15BQ1A0335 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 25       | 48       | 2       |
| 15BQ1A0335 | RT31038 | MACHINE TOOLS LAB                 | 23       | 48       | 2       |
| 15BQ1A0336 | RT31016 | IPR & PATENTS                     | 24       | 35       | 2       |
| 15BQ1A0336 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 24       | 3       |
| 15BQ1A0336 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 21       | 33       | 3       |
| 15BQ1A0336 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 23       | 16       | 0       |
| 15BQ1A0336 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 26       | 43       | 3       |
| 15BQ1A0336 | RT31035 | THERMAL ENGINEERING-II            | 21       | 29       | 3       |
| 15BQ1A0336 | RT31036 | METROLOGY                         | 22       | 33       | 3       |
| 15BQ1A0336 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 43       | 2       |
| 15BQ1A0336 | RT31038 | MACHINE TOOLS LAB                 | 17       | 38       | 2       |
| 15BQ1A0337 | RT31016 | IPR & PATENTS                     | 29       | 44       | 2       |
| 15BQ1A0337 | RT31031 | DYNAMICS OF MACHINERY             | 26       | 34       | 3       |
| 15BQ1A0337 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 29       | 51       | 3       |
| 15BQ1A0337 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 27       | 53       | 3       |
| 15BQ1A0337 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 50       | 3       |
| 15BQ1A0337 | RT31035 | THERMAL ENGINEERING-II            | 28       | 56       | 3       |
| 15BQ1A0337 | RT31036 | METROLOGY                         | 30       | 58       | 3       |
| 15BQ1A0337 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 47       | 2       |
| 15BQ1A0337 | RT31038 | MACHINE TOOLS LAB                 | 24       | 48       | 2       |
| 15BQ1A0338 | RT31016 | IPR & PATENTS                     | 27       | 26       | 2       |
| 15BQ1A0338 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 8        | 0       |
| 15BQ1A0338 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 15       | 0       |
| 15BQ1A0338 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 21       | 9        | 0       |
| 15BQ1A0338 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 19       | 19       | 0       |
| 15BQ1A0338 | RT31035 | THERMAL ENGINEERING-II            | 18       | 6        | 0       |
| 15BQ1A0338 | RT31036 | METROLOGY                         | 16       | 12       | 0       |
| 15BQ1A0338 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 43       | 2       |
| 15BQ1A0338 | RT31038 | MACHINE TOOLS LAB                 | 20       | 38       | 2       |
| 15BQ1A0339 | RT31016 | IPR & PATENTS                     | 18       | 25       | 2       |
| 15BQ1A0339 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 24       | 3       |
| 15BQ1A0339 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 19       | 28       | 3       |
| 15BQ1A0339 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 41       | 3       |
| 15BQ1A0339 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 19       | 30       | 3       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0339 | RT31035 | THERMAL ENGINEERING-II            | 19       | 45       | 3       |
| 15BQ1A0339 | RT31036 | METROLOGY                         | 16       | 27       | 3       |
| 15BQ1A0339 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 19       | 32       | 2       |
| 15BQ1A0339 | RT31038 | MACHINE TOOLS LAB                 | 15       | 37       | 2       |
| 15BQ1A0340 | RT31016 | IPR & PATENTS                     | 23       | 40       | 2       |
| 15BQ1A0340 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 29       | 3       |
| 15BQ1A0340 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 22       | 28       | 3       |
| 15BQ1A0340 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 20       | 36       | 3       |
| 15BQ1A0340 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 23       | 39       | 3       |
| 15BQ1A0340 | RT31035 | THERMAL ENGINEERING-II            | 18       | 40       | 3       |
| 15BQ1A0340 | RT31036 | METROLOGY                         | 24       | 29       | 3       |
| 15BQ1A0340 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 43       | 2       |
| 15BQ1A0340 | RT31038 | MACHINE TOOLS LAB                 | 23       | 42       | 2       |
| 15BQ1A0341 | RT31016 | IPR & PATENTS                     | 22       | 30       | 2       |
| 15BQ1A0341 | RT31031 | DYNAMICS OF MACHINERY             | 11       | 13       | 0       |
| 15BQ1A0341 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 17       | 27       | 3       |
| 15BQ1A0341 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 24       | 3       |
| 15BQ1A0341 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 17       | 26       | 3       |
| 15BQ1A0341 | RT31035 | THERMAL ENGINEERING-II            | 20       | 28       | 3       |
| 15BQ1A0341 | RT31036 | METROLOGY                         | 16       | 24       | 3       |
| 15BQ1A0341 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 19       | 35       | 2       |
| 15BQ1A0341 | RT31038 | MACHINE TOOLS LAB                 | 15       | 35       | 2       |
| 15BQ1A0342 | RT31016 | IPR & PATENTS                     | 26       | 33       | 2       |
| 15BQ1A0342 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 24       | 3       |
| 15BQ1A0342 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 22       | 25       | 3       |
| 15BQ1A0342 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 27       | 3       |
| 15BQ1A0342 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 25       | 43       | 3       |
| 15BQ1A0342 | RT31035 | THERMAL ENGINEERING-II            | 17       | 40       | 3       |
| 15BQ1A0342 | RT31036 | METROLOGY                         | 26       | 39       | 3       |
| 15BQ1A0342 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 42       | 2       |
| 15BQ1A0342 | RT31038 | MACHINE TOOLS LAB                 | 17       | 43       | 2       |
| 15BQ1A0343 | RT31016 | IPR & PATENTS                     | 25       | 29       | 2       |
| 15BQ1A0343 | RT31031 | DYNAMICS OF MACHINERY             | 26       | 39       | 3       |
| 15BQ1A0343 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 55       | 3       |
| 15BQ1A0343 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 50       | 3       |
| 15BQ1A0343 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 26       | 56       | 3       |
| 15BQ1A0343 | RT31035 | THERMAL ENGINEERING-II            | 23       | 58       | 3       |
| 15BQ1A0343 | RT31036 | METROLOGY                         | 26       | 44       | 3       |
| 15BQ1A0343 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 47       | 2       |
| 15BQ1A0343 | RT31038 | MACHINE TOOLS LAB                 | 23       | 45       | 2       |
| 15BQ1A0344 | RT31016 | IPR & PATENTS                     | 30       | 34       | 2       |
| 15BQ1A0344 | RT31031 | DYNAMICS OF MACHINERY             | 24       | 41       | 3       |
| 15BQ1A0344 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 30       | 31       | 3       |
| 15BQ1A0344 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 37       | 3       |
| 15BQ1A0344 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 46       | 3       |
| 15BQ1A0344 | RT31035 | THERMAL ENGINEERING-II            | 24       | 40       | 3       |
| 15BQ1A0344 | RT31036 | METROLOGY                         | 29       | 42       | 3       |
| 15BQ1A0344 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 46       | 2       |
| 15BQ1A0344 | RT31038 | MACHINE TOOLS LAB                 | 25       | 46       | 2       |
| 15BQ1A0345 | RT31016 | IPR & PATENTS                     | 23       | 37       | 2       |



| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0345 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 16       | 0       |
| 15BQ1A0345 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 33       | 3       |
| 15BQ1A0345 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 21       | 13       | 0       |
| 15BQ1A0345 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 24       | 31       | 3       |
| 15BQ1A0345 | RT31035 | THERMAL ENGINEERING-II            | 18       | 37       | 3       |
| 15BQ1A0345 | RT31036 | METROLOGY                         | 19       | 43       | 3       |
| 15BQ1A0345 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 19       | 38       | 2       |
| 15BQ1A0345 | RT31038 | MACHINE TOOLS LAB                 | 15       | 38       | 2       |
| 15BQ1A0346 | RT31016 | IPR & PATENTS                     | 16       | 43       | 2       |
| 15BQ1A0346 | RT31031 | DYNAMICS OF MACHINERY             | 15       | 29       | 3       |
| 15BQ1A0346 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 33       | 3       |
| 15BQ1A0346 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 16       | 0       |
| 15BQ1A0346 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 24       | 37       | 3       |
| 15BQ1A0346 | RT31035 | THERMAL ENGINEERING-II            | 20       | 30       | 3       |
| 15BQ1A0346 | RT31036 | METROLOGY                         | 13       | 27       | 3       |
| 15BQ1A0346 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 19       | 40       | 2       |
| 15BQ1A0346 | RT31038 | MACHINE TOOLS LAB                 | 20       | 43       | 2       |
| 15BQ1A0347 | RT31016 | IPR & PATENTS                     | 26       | 31       | 2       |
| 15BQ1A0347 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 17       | 0       |
| 15BQ1A0347 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 57       | 3       |
| 15BQ1A0347 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 28       | 3       |
| 15BQ1A0347 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 24       | 45       | 3       |
| 15BQ1A0347 | RT31035 | THERMAL ENGINEERING-II            | 24       | 45       | 3       |
| 15BQ1A0347 | RT31036 | METROLOGY                         | 19       | 36       | 3       |
| 15BQ1A0347 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 46       | 2       |
| 15BQ1A0347 | RT31038 | MACHINE TOOLS LAB                 | 19       | 43       | 2       |
| 15BQ1A0348 | RT31016 | IPR & PATENTS                     | 29       | 36       | 2       |
| 15BQ1A0348 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 32       | 3       |
| 15BQ1A0348 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 34       | 3       |
| 15BQ1A0348 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 26       | 3       |
| 15BQ1A0348 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 25       | 48       | 3       |
| 15BQ1A0348 | RT31035 | THERMAL ENGINEERING-II            | 23       | 25       | 3       |
| 15BQ1A0348 | RT31036 | METROLOGY                         | 28       | 37       | 3       |
| 15BQ1A0348 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 46       | 2       |
| 15BQ1A0348 | RT31038 | MACHINE TOOLS LAB                 | 22       | 43       | 2       |
| 15BQ1A0349 | RT31016 | IPR & PATENTS                     | 26       | 38       | 2       |
| 15BQ1A0349 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 31       | 3       |
| 15BQ1A0349 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 27       | 3       |
| 15BQ1A0349 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 21       | 17       | 0       |
| 15BQ1A0349 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 22       | 42       | 3       |
| 15BQ1A0349 | RT31035 | THERMAL ENGINEERING-II            | 22       | 33       | 3       |
| 15BQ1A0349 | RT31036 | METROLOGY                         | 22       | 24       | 3       |
| 15BQ1A0349 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 45       | 2       |
| 15BQ1A0349 | RT31038 | MACHINE TOOLS LAB                 | 22       | 35       | 2       |
| 15BQ1A0350 | RT31016 | IPR & PATENTS                     | 20       | 27       | 2       |
| 15BQ1A0350 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 14       | 0       |
| 15BQ1A0350 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 20       | 11       | 0       |
| 15BQ1A0350 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 21       | 14       | 0       |
| 15BQ1A0350 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 21       | 30       | 3       |
| 15BQ1A0350 | RT31035 | THERMAL ENGINEERING-II            | 17       | 16       | 0       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0350 | RT31036 | METROLOGY                         | 18       | 28       | 3       |
| 15BQ1A0350 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 44       | 2       |
| 15BQ1A0350 | RT31038 | MACHINE TOOLS LAB                 | 18       | 40       | 2       |
| 15BQ1A0351 | RT31016 | IPR & PATENTS                     | 29       | 33       | 2       |
| 15BQ1A0351 | RT31031 | DYNAMICS OF MACHINERY             | 22       | 42       | 3       |
| 15BQ1A0351 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 28       | 58       | 3       |
| 15BQ1A0351 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 28       | 51       | 3       |
| 15BQ1A0351 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 46       | 3       |
| 15BQ1A0351 | RT31035 | THERMAL ENGINEERING-II            | 26       | 59       | 3       |
| 15BQ1A0351 | RT31036 | METROLOGY                         | 30       | 52       | 3       |
| 15BQ1A0351 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 45       | 2       |
| 15BQ1A0351 | RT31038 | MACHINE TOOLS LAB                 | 23       | 47       | 2       |
| 15BQ1A0352 | RT31016 | IPR & PATENTS                     | 16       | 31       | 2       |
| 15BQ1A0352 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 24       | 3       |
| 15BQ1A0352 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 28       | 39       | 3       |
| 15BQ1A0352 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 34       | 3       |
| 15BQ1A0352 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 24       | 36       | 3       |
| 15BQ1A0352 | RT31035 | THERMAL ENGINEERING-II            | 21       | 29       | 3       |
| 15BQ1A0352 | RT31036 | METROLOGY                         | 18       | 29       | 3       |
| 15BQ1A0352 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 18       | 30       | 2       |
| 15BQ1A0352 | RT31038 | MACHINE TOOLS LAB                 | 19       | 38       | 2       |
| 15BQ1A0353 | RT31016 | IPR & PATENTS                     | 21       | 38       | 2       |
| 15BQ1A0353 | RT31031 | DYNAMICS OF MACHINERY             | 20       | 0        | 0       |
| 15BQ1A0353 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 20       | 29       | 3       |
| 15BQ1A0353 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 13       | 0       |
| 15BQ1A0353 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 25       | 35       | 3       |
| 15BQ1A0353 | RT31035 | THERMAL ENGINEERING-II            | 17       | 28       | 3       |
| 15BQ1A0353 | RT31036 | METROLOGY                         | 17       | 29       | 3       |
| 15BQ1A0353 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 18       | 35       | 2       |
| 15BQ1A0353 | RT31038 | MACHINE TOOLS LAB                 | 14       | 35       | 2       |
| 15BQ1A0355 | RT31016 | IPR & PATENTS                     | 17       | 34       | 2       |
| 15BQ1A0355 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 10       | 0       |
| 15BQ1A0355 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 16       | 5        | 0       |
| 15BQ1A0355 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 6        | 0       |
| 15BQ1A0355 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 23       | 12       | 0       |
| 15BQ1A0355 | RT31035 | THERMAL ENGINEERING-II            | 18       | 11       | 0       |
| 15BQ1A0355 | RT31036 | METROLOGY                         | 16       | 6        | 0       |
| 15BQ1A0355 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 15       | 28       | 2       |
| 15BQ1A0355 | RT31038 | MACHINE TOOLS LAB                 | 14       | 35       | 2       |
| 15BQ1A0356 | RT31016 | IPR & PATENTS                     | 18       | 25       | 2       |
| 15BQ1A0356 | RT31031 | DYNAMICS OF MACHINERY             | 12       | 0        | 0       |
| 15BQ1A0356 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 16       | 0        | 0       |
| 15BQ1A0356 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 7        | 0       |
| 15BQ1A0356 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 18       | 11       | 0       |
| 15BQ1A0356 | RT31035 | THERMAL ENGINEERING-II            | 16       | 22       | 0       |
| 15BQ1A0356 | RT31036 | METROLOGY                         | 16       | 17       | 0       |
| 15BQ1A0356 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 28       | 2       |
| 15BQ1A0356 | RT31038 | MACHINE TOOLS LAB                 | 14       | 38       | 2       |
| 15BQ1A0357 | RT31016 | IPR & PATENTS                     | 26       | 30       | 2       |
| 15BQ1A0357 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 29       | 3       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0357 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 24       | 28       | 3       |
| 15BQ1A0357 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 20       | 26       | 3       |
| 15BQ1A0357 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 20       | 24       | 3       |
| 15BQ1A0357 | RT31035 | THERMAL ENGINEERING-II            | 16       | 36       | 3       |
| 15BQ1A0357 | RT31036 | METROLOGY                         | 19       | 29       | 3       |
| 15BQ1A0357 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 15       | 34       | 2       |
| 15BQ1A0357 | RT31038 | MACHINE TOOLS LAB                 | 17       | 38       | 2       |
| 15BQ1A0358 | RT31016 | IPR & PATENTS                     | 16       | 32       | 2       |
| 15BQ1A0358 | RT31031 | DYNAMICS OF MACHINERY             | 12       | 7        | 0       |
| 15BQ1A0358 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 16       | 24       | 3       |
| 15BQ1A0358 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 17       | 1        | 0       |
| 15BQ1A0358 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 22       | 32       | 3       |
| 15BQ1A0358 | RT31035 | THERMAL ENGINEERING-II            | 16       | 24       | 3       |
| 15BQ1A0358 | RT31036 | METROLOGY                         | 8        | 14       | 0       |
| 15BQ1A0358 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 40       | 2       |
| 15BQ1A0358 | RT31038 | MACHINE TOOLS LAB                 | 14       | 38       | 2       |
| 15BQ1A0359 | RT31016 | IPR & PATENTS                     | 24       | 39       | 2       |
| 15BQ1A0359 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 5        | 0       |
| 15BQ1A0359 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 26       | 3       |
| 15BQ1A0359 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 16       | 0       |
| 15BQ1A0359 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 21       | 37       | 3       |
| 15BQ1A0359 | RT31035 | THERMAL ENGINEERING-II            | 18       | 17       | 0       |
| 15BQ1A0359 | RT31036 | METROLOGY                         | 16       | 8        | 0       |
| 15BQ1A0359 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 18       | 33       | 2       |
| 15BQ1A0359 | RT31038 | MACHINE TOOLS LAB                 | 15       | 37       | 2       |
| 15BQ1A0360 | RT31016 | IPR & PATENTS                     | 25       | 31       | 2       |
| 15BQ1A0360 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 17       | 0       |
| 15BQ1A0360 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 22       | 34       | 3       |
| 15BQ1A0360 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 19       | 26       | 3       |
| 15BQ1A0360 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 26       | 33       | 3       |
| 15BQ1A0360 | RT31035 | THERMAL ENGINEERING-II            | 23       | 34       | 3       |
| 15BQ1A0360 | RT31036 | METROLOGY                         | 21       | 32       | 3       |
| 15BQ1A0360 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 38       | 2       |
| 15BQ1A0360 | RT31038 | MACHINE TOOLS LAB                 | 21       | 38       | 2       |
| 15BQ1A0361 | RT31016 | IPR & PATENTS                     | 28       | 28       | 2       |
| 15BQ1A0361 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 29       | 3       |
| 15BQ1A0361 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 27       | 36       | 3       |
| 15BQ1A0361 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 36       | 3       |
| 15BQ1A0361 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 43       | 3       |
| 15BQ1A0361 | RT31035 | THERMAL ENGINEERING-II            | 25       | 29       | 3       |
| 15BQ1A0361 | RT31036 | METROLOGY                         | 27       | 31       | 3       |
| 15BQ1A0361 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 46       | 2       |
| 15BQ1A0361 | RT31038 | MACHINE TOOLS LAB                 | 23       | 46       | 2       |
| 15BQ1A0362 | RT31016 | IPR & PATENTS                     | 24       | 20       | 0       |
| 15BQ1A0362 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 15       | 0       |
| 15BQ1A0362 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 22       | 24       | 3       |
| 15BQ1A0362 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 19       | 11       | 0       |
| 15BQ1A0362 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 22       | 22       | 0       |
| 15BQ1A0362 | RT31035 | THERMAL ENGINEERING-II            | 17       | 24       | 3       |
| 15BQ1A0362 | RT31036 | METROLOGY                         | 17       | 24       | 3       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0362 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 18       | 42       | 2       |
| 15BQ1A0362 | RT31038 | MACHINE TOOLS LAB                 | 18       | 40       | 2       |
| 15BQ1A0363 | RT31016 | IPR & PATENTS                     | 24       | 43       | 2       |
| 15BQ1A0363 | RT31031 | DYNAMICS OF MACHINERY             | 19       | 29       | 3       |
| 15BQ1A0363 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 26       | 3       |
| 15BQ1A0363 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 28       | 30       | 3       |
| 15BQ1A0363 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 30       | 43       | 3       |
| 15BQ1A0363 | RT31035 | THERMAL ENGINEERING-II            | 19       | 43       | 3       |
| 15BQ1A0363 | RT31036 | METROLOGY                         | 24       | 35       | 3       |
| 15BQ1A0363 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 44       | 2       |
| 15BQ1A0363 | RT31038 | MACHINE TOOLS LAB                 | 23       | 38       | 2       |
| 15BQ1A0364 | RT31016 | IPR & PATENTS                     | 26       | 24       | 2       |
| 15BQ1A0364 | RT31031 | DYNAMICS OF MACHINERY             | 19       | 24       | 3       |
| 15BQ1A0364 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 17       | 24       | 3       |
| 15BQ1A0364 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 26       | 3       |
| 15BQ1A0364 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 20       | 46       | 3       |
| 15BQ1A0364 | RT31035 | THERMAL ENGINEERING-II            | 24       | 35       | 3       |
| 15BQ1A0364 | RT31036 | METROLOGY                         | 20       | 30       | 3       |
| 15BQ1A0364 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 17       | 34       | 2       |
| 15BQ1A0364 | RT31038 | MACHINE TOOLS LAB                 | 19       | 35       | 2       |
| 15BQ1A0365 | RT31016 | IPR & PATENTS                     | 29       | 36       | 2       |
| 15BQ1A0365 | RT31031 | DYNAMICS OF MACHINERY             | 19       | 29       | 3       |
| 15BQ1A0365 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 29       | 29       | 3       |
| 15BQ1A0365 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 26       | 36       | 3       |
| 15BQ1A0365 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 47       | 3       |
| 15BQ1A0365 | RT31035 | THERMAL ENGINEERING-II            | 22       | 47       | 3       |
| 15BQ1A0365 | RT31036 | METROLOGY                         | 24       | 36       | 3       |
| 15BQ1A0365 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 24       | 48       | 2       |
| 15BQ1A0365 | RT31038 | MACHINE TOOLS LAB                 | 24       | 50       | 2       |
| 15BQ1A0366 | RT31016 | IPR & PATENTS                     | 23       | 30       | 2       |
| 15BQ1A0366 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 10       | 0       |
| 15BQ1A0366 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 17       | 29       | 3       |
| 15BQ1A0366 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 24       | 3       |
| 15BQ1A0366 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 17       | 31       | 3       |
| 15BQ1A0366 | RT31035 | THERMAL ENGINEERING-II            | 16       | 42       | 3       |
| 15BQ1A0366 | RT31036 | METROLOGY                         | 21       | 24       | 3       |
| 15BQ1A0366 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 18       | 38       | 2       |
| 15BQ1A0366 | RT31038 | MACHINE TOOLS LAB                 | 20       | 40       | 2       |
| 15BQ1A0367 | RT31016 | IPR & PATENTS                     | 24       | 36       | 2       |
| 15BQ1A0367 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 11       | 0       |
| 15BQ1A0367 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 16       | 29       | 3       |
| 15BQ1A0367 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 24       | 6        | 0       |
| 15BQ1A0367 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 17       | 24       | 3       |
| 15BQ1A0367 | RT31035 | THERMAL ENGINEERING-II            | 16       | 0        | 0       |
| 15BQ1A0367 | RT31036 | METROLOGY                         | 16       | 11       | 0       |
| 15BQ1A0367 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 13       | 20       | 2       |
| 15BQ1A0367 | RT31038 | MACHINE TOOLS LAB                 | 13       | 10       | 0       |
| 15BQ1A0369 | RT31016 | IPR & PATENTS                     | 27       | 19       | 0       |
| 15BQ1A0369 | RT31031 | DYNAMICS OF MACHINERY             | 20       | 12       | 0       |
| 15BQ1A0369 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 20       | 24       | 3       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0369 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 21       | 26       | 3       |
| 15BQ1A0369 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 26       | 24       | 3       |
| 15BQ1A0369 | RT31035 | THERMAL ENGINEERING-II            | 24       | 38       | 3       |
| 15BQ1A0369 | RT31036 | METROLOGY                         | 26       | 25       | 3       |
| 15BQ1A0369 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 19       | 38       | 2       |
| 15BQ1A0369 | RT31038 | MACHINE TOOLS LAB                 | 21       | 40       | 2       |
| 15BQ1A0370 | RT31016 | IPR & PATENTS                     | 28       | 29       | 2       |
| 15BQ1A0370 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 24       | 3       |
| 15BQ1A0370 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 26       | 3       |
| 15BQ1A0370 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 17       | 24       | 3       |
| 15BQ1A0370 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 42       | 3       |
| 15BQ1A0370 | RT31035 | THERMAL ENGINEERING-II            | 23       | 41       | 3       |
| 15BQ1A0370 | RT31036 | METROLOGY                         | 25       | 42       | 3       |
| 15BQ1A0370 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 46       | 2       |
| 15BQ1A0370 | RT31038 | MACHINE TOOLS LAB                 | 23       | 46       | 2       |
| 15BQ1A0371 | RT31016 | IPR & PATENTS                     | 30       | 33       | 2       |
| 15BQ1A0371 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 24       | 3       |
| 15BQ1A0371 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 18       | 25       | 3       |
| 15BQ1A0371 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 21       | 30       | 3       |
| 15BQ1A0371 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 26       | 38       | 3       |
| 15BQ1A0371 | RT31035 | THERMAL ENGINEERING-II            | 23       | 38       | 3       |
| 15BQ1A0371 | RT31036 | METROLOGY                         | 24       | 27       | 3       |
| 15BQ1A0371 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 40       | 2       |
| 15BQ1A0371 | RT31038 | MACHINE TOOLS LAB                 | 18       | 37       | 2       |
| 15BQ1A0372 | RT31016 | IPR & PATENTS                     | 24       | 33       | 2       |
| 15BQ1A0372 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 15       | 0       |
| 15BQ1A0372 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 20       | 13       | 0       |
| 15BQ1A0372 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 25       | 3       |
| 15BQ1A0372 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 16       | 34       | 3       |
| 15BQ1A0372 | RT31035 | THERMAL ENGINEERING-II            | 20       | 17       | 0       |
| 15BQ1A0372 | RT31036 | METROLOGY                         | 17       | 24       | 3       |
| 15BQ1A0372 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 17       | 34       | 2       |
| 15BQ1A0372 | RT31038 | MACHINE TOOLS LAB                 | 15       | 38       | 2       |
| 15BQ1A0373 | RT31016 | IPR & PATENTS                     | 22       | 24       | 2       |
| 15BQ1A0373 | RT31031 | DYNAMICS OF MACHINERY             | 19       | 14       | 0       |
| 15BQ1A0373 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 20       | 24       | 3       |
| 15BQ1A0373 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 17       | 32       | 3       |
| 15BQ1A0373 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 33       | 3       |
| 15BQ1A0373 | RT31035 | THERMAL ENGINEERING-II            | 18       | 24       | 3       |
| 15BQ1A0373 | RT31036 | METROLOGY                         | 16       | 28       | 3       |
| 15BQ1A0373 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 15       | 30       | 2       |
| 15BQ1A0373 | RT31038 | MACHINE TOOLS LAB                 | 15       | 30       | 2       |
| 15BQ1A0374 | RT31016 | IPR & PATENTS                     | 28       | 34       | 2       |
| 15BQ1A0374 | RT31031 | DYNAMICS OF MACHINERY             | 25       | 30       | 3       |
| 15BQ1A0374 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 28       | 35       | 3       |
| 15BQ1A0374 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 27       | 51       | 3       |
| 15BQ1A0374 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 45       | 3       |
| 15BQ1A0374 | RT31035 | THERMAL ENGINEERING-II            | 27       | 40       | 3       |
| 15BQ1A0374 | RT31036 | METROLOGY                         | 27       | 34       | 3       |
| 15BQ1A0374 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 46       | 2       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0374 | RT31038 | MACHINE TOOLS LAB                 | 23       | 46       | 2       |
| 15BQ1A0375 | RT31016 | IPR & PATENTS                     | 23       | 24       | 2       |
| 15BQ1A0375 | RT31031 | DYNAMICS OF MACHINERY             | 23       | 24       | 3       |
| 15BQ1A0375 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 21       | 31       | 3       |
| 15BQ1A0375 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 26       | 25       | 3       |
| 15BQ1A0375 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 31       | 3       |
| 15BQ1A0375 | RT31035 | THERMAL ENGINEERING-II            | 27       | 38       | 3       |
| 15BQ1A0375 | RT31036 | METROLOGY                         | 25       | 35       | 3       |
| 15BQ1A0375 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 44       | 2       |
| 15BQ1A0375 | RT31038 | MACHINE TOOLS LAB                 | 22       | 38       | 2       |
| 15BQ1A0376 | RT31016 | IPR & PATENTS                     | 25       | 42       | 2       |
| 15BQ1A0376 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 9        | 0       |
| 15BQ1A0376 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 19       | 24       | 3       |
| 15BQ1A0376 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 8        | 0       |
| 15BQ1A0376 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 24       | 38       | 3       |
| 15BQ1A0376 | RT31035 | THERMAL ENGINEERING-II            | 22       | 24       | 3       |
| 15BQ1A0376 | RT31036 | METROLOGY                         | 19       | 31       | 3       |
| 15BQ1A0376 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 16       | 32       | 2       |
| 15BQ1A0376 | RT31038 | MACHINE TOOLS LAB                 | 18       | 40       | 2       |
| 15BQ1A0377 | RT31016 | IPR & PATENTS                     | 27       | 32       | 2       |
| 15BQ1A0377 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 30       | 3       |
| 15BQ1A0377 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 39       | 3       |
| 15BQ1A0377 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 28       | 39       | 3       |
| 15BQ1A0377 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 24       | 46       | 3       |
| 15BQ1A0377 | RT31035 | THERMAL ENGINEERING-II            | 23       | 46       | 3       |
| 15BQ1A0377 | RT31036 | METROLOGY                         | 24       | 38       | 3       |
| 15BQ1A0377 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 42       | 2       |
| 15BQ1A0377 | RT31038 | MACHINE TOOLS LAB                 | 18       | 44       | 2       |
| 15BQ1A0378 | RT31016 | IPR & PATENTS                     | 16       | 29       | 2       |
| 15BQ1A0378 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 8        | 0       |
| 15BQ1A0378 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 13       | 20       | 0       |
| 15BQ1A0378 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 13       | 5        | 0       |
| 15BQ1A0378 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 16       | 29       | 3       |
| 15BQ1A0378 | RT31035 | THERMAL ENGINEERING-II            | 5        | 15       | 0       |
| 15BQ1A0378 | RT31036 | METROLOGY                         | 16       | 24       | 3       |
| 15BQ1A0378 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 13       | 28       | 2       |
| 15BQ1A0378 | RT31038 | MACHINE TOOLS LAB                 | 13       | 10       | 0       |
| 15BQ1A0380 | RT31016 | IPR & PATENTS                     | 19       | 35       | 2       |
| 15BQ1A0380 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 8        | 0       |
| 15BQ1A0380 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 17       | 30       | 3       |
| 15BQ1A0380 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 0        | 0       |
| 15BQ1A0380 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 19       | 24       | 3       |
| 15BQ1A0380 | RT31035 | THERMAL ENGINEERING-II            | 16       | 31       | 3       |
| 15BQ1A0380 | RT31036 | METROLOGY                         | 20       | 35       | 3       |
| 15BQ1A0380 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 19       | 38       | 2       |
| 15BQ1A0380 | RT31038 | MACHINE TOOLS LAB                 | 17       | 40       | 2       |
| 15BQ1A0381 | RT31016 | IPR & PATENTS                     | 22       | 36       | 2       |
| 15BQ1A0381 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 10       | 0       |
| 15BQ1A0381 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 16       | 25       | 3       |
| 15BQ1A0381 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 24       | 3       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0381 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 21       | 37       | 3       |
| 15BQ1A0381 | RT31035 | THERMAL ENGINEERING-II            | 16       | 20       | 0       |
| 15BQ1A0381 | RT31036 | METROLOGY                         | 16       | 14       | 0       |
| 15BQ1A0381 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 16       | 32       | 2       |
| 15BQ1A0381 | RT31038 | MACHINE TOOLS LAB                 | 17       | 40       | 2       |
| 15BQ1A0382 | RT31016 | IPR & PATENTS                     | 30       | 38       | 2       |
| 15BQ1A0382 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 34       | 3       |
| 15BQ1A0382 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 55       | 3       |
| 15BQ1A0382 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 15       | 45       | 3       |
| 15BQ1A0382 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 24       | 64       | 3       |
| 15BQ1A0382 | RT31035 | THERMAL ENGINEERING-II            | 19       | 50       | 3       |
| 15BQ1A0382 | RT31036 | METROLOGY                         | 30       | 40       | 3       |
| 15BQ1A0382 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 44       | 2       |
| 15BQ1A0382 | RT31038 | MACHINE TOOLS LAB                 | 23       | 40       | 2       |
| 15BQ1A0383 | RT31016 | IPR & PATENTS                     | 28       | 38       | 2       |
| 15BQ1A0383 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 38       | 3       |
| 15BQ1A0383 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 20       | 42       | 3       |
| 15BQ1A0383 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 47       | 3       |
| 15BQ1A0383 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 26       | 50       | 3       |
| 15BQ1A0383 | RT31035 | THERMAL ENGINEERING-II            | 25       | 41       | 3       |
| 15BQ1A0383 | RT31036 | METROLOGY                         | 24       | 46       | 3       |
| 15BQ1A0383 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 46       | 2       |
| 15BQ1A0383 | RT31038 | MACHINE TOOLS LAB                 | 23       | 44       | 2       |
| 15BQ1A0385 | RT31016 | IPR & PATENTS                     | 28       | 39       | 2       |
| 15BQ1A0385 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 16       | 0       |
| 15BQ1A0385 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 40       | 3       |
| 15BQ1A0385 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 29       | 33       | 3       |
| 15BQ1A0385 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 44       | 3       |
| 15BQ1A0385 | RT31035 | THERMAL ENGINEERING-II            | 24       | 36       | 3       |
| 15BQ1A0385 | RT31036 | METROLOGY                         | 25       | 45       | 3       |
| 15BQ1A0385 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 44       | 2       |
| 15BQ1A0385 | RT31038 | MACHINE TOOLS LAB                 | 23       | 46       | 2       |
| 15BQ1A0387 | RT31016 | IPR & PATENTS                     | 29       | 40       | 2       |
| 15BQ1A0387 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 29       | 3       |
| 15BQ1A0387 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 20       | 26       | 3       |
| 15BQ1A0387 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 27       | 3       |
| 15BQ1A0387 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 25       | 41       | 3       |
| 15BQ1A0387 | RT31035 | THERMAL ENGINEERING-II            | 20       | 24       | 3       |
| 15BQ1A0387 | RT31036 | METROLOGY                         | 29       | 32       | 3       |
| 15BQ1A0387 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 44       | 2       |
| 15BQ1A0387 | RT31038 | MACHINE TOOLS LAB                 | 20       | 43       | 2       |
| 15BQ1A0388 | RT31016 | IPR & PATENTS                     | 22       | 26       | 2       |
| 15BQ1A0388 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 26       | 3       |
| 15BQ1A0388 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 20       | 36       | 3       |
| 15BQ1A0388 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 16       | 0       |
| 15BQ1A0388 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 22       | 29       | 3       |
| 15BQ1A0388 | RT31035 | THERMAL ENGINEERING-II            | 19       | 37       | 3       |
| 15BQ1A0388 | RT31036 | METROLOGY                         | 22       | 37       | 3       |
| 15BQ1A0388 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 17       | 36       | 2       |
| 15BQ1A0388 | RT31038 | MACHINE TOOLS LAB                 | 16       | 40       | 2       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0389 | RT31016 | IPR & PATENTS                     | 20       | 34       | 2       |
| 15BQ1A0389 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 36       | 3       |
| 15BQ1A0389 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 44       | 3       |
| 15BQ1A0389 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 22       | 37       | 3       |
| 15BQ1A0389 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 60       | 3       |
| 15BQ1A0389 | RT31035 | THERMAL ENGINEERING-II            | 18       | 45       | 3       |
| 15BQ1A0389 | RT31036 | METROLOGY                         | 23       | 42       | 3       |
| 15BQ1A0389 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 44       | 2       |
| 15BQ1A0389 | RT31038 | MACHINE TOOLS LAB                 | 23       | 46       | 2       |
| 15BQ1A0390 | RT31016 | IPR & PATENTS                     | 26       | 27       | 2       |
| 15BQ1A0390 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 6        | 0       |
| 15BQ1A0390 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 16       | 24       | 3       |
| 15BQ1A0390 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 18       | 5        | 0       |
| 15BQ1A0390 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 17       | 29       | 3       |
| 15BQ1A0390 | RT31035 | THERMAL ENGINEERING-II            | 16       | 12       | 0       |
| 15BQ1A0390 | RT31036 | METROLOGY                         | 16       | 13       | 0       |
| 15BQ1A0390 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 13       | 27       | 2       |
| 15BQ1A0390 | RT31038 | MACHINE TOOLS LAB                 | 13       | 35       | 2       |
| 15BQ1A0391 | RT31016 | IPR & PATENTS                     | 28       | 43       | 2       |
| 15BQ1A0391 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 33       | 3       |
| 15BQ1A0391 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 35       | 3       |
| 15BQ1A0391 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 22       | 41       | 3       |
| 15BQ1A0391 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 43       | 3       |
| 15BQ1A0391 | RT31035 | THERMAL ENGINEERING-II            | 23       | 30       | 3       |
| 15BQ1A0391 | RT31036 | METROLOGY                         | 25       | 32       | 3       |
| 15BQ1A0391 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 46       | 2       |
| 15BQ1A0391 | RT31038 | MACHINE TOOLS LAB                 | 23       | 46       | 2       |
| 15BQ1A0392 | RT31016 | IPR & PATENTS                     | 28       | 29       | 2       |
| 15BQ1A0392 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 0        | 0       |
| 15BQ1A0392 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 21       | 0        | 0       |
| 15BQ1A0392 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 9        | 0       |
| 15BQ1A0392 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 19       | 24       | 3       |
| 15BQ1A0392 | RT31035 | THERMAL ENGINEERING-II            | 17       | 19       | 0       |
| 15BQ1A0392 | RT31036 | METROLOGY                         | 17       | 30       | 3       |
| 15BQ1A0392 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 15       | 30       | 2       |
| 15BQ1A0392 | RT31038 | MACHINE TOOLS LAB                 | 15       | 35       | 2       |
| 15BQ1A0393 | RT31016 | IPR & PATENTS                     | 29       | 35       | 2       |
| 15BQ1A0393 | RT31031 | DYNAMICS OF MACHINERY             | 26       | 36       | 3       |
| 15BQ1A0393 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 43       | 3       |
| 15BQ1A0393 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 26       | 37       | 3       |
| 15BQ1A0393 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 46       | 3       |
| 15BQ1A0393 | RT31035 | THERMAL ENGINEERING-II            | 24       | 24       | 3       |
| 15BQ1A0393 | RT31036 | METROLOGY                         | 30       | 38       | 3       |
| 15BQ1A0393 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 44       | 2       |
| 15BQ1A0393 | RT31038 | MACHINE TOOLS LAB                 | 22       | 40       | 2       |
| 15BQ1A0394 | RT31016 | IPR & PATENTS                     | 27       | 43       | 2       |
| 15BQ1A0394 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 10       | 0       |
| 15BQ1A0394 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 20       | 41       | 3       |
| 15BQ1A0394 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 26       | 28       | 3       |
| 15BQ1A0394 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 37       | 3       |



| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A0394 | RT31035 | THERMAL ENGINEERING-II            | 24       | 24       | 3       |
| 15BQ1A0394 | RT31036 | METROLOGY                         | 25       | 48       | 3       |
| 15BQ1A0394 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 44       | 2       |
| 15BQ1A0394 | RT31038 | MACHINE TOOLS LAB                 | 22       | 48       | 2       |
| 15BQ1A0395 | RT31016 | IPR & PATENTS                     | 30       | 43       | 2       |
| 15BQ1A0395 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 30       | 3       |
| 15BQ1A0395 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 40       | 3       |
| 15BQ1A0395 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 27       | 33       | 3       |
| 15BQ1A0395 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 40       | 3       |
| 15BQ1A0395 | RT31035 | THERMAL ENGINEERING-II            | 21       | 37       | 3       |
| 15BQ1A0395 | RT31036 | METROLOGY                         | 28       | 35       | 3       |
| 15BQ1A0395 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 46       | 2       |
| 15BQ1A0395 | RT31038 | MACHINE TOOLS LAB                 | 23       | 46       | 2       |
| 15BQ1A0396 | RT31016 | IPR & PATENTS                     | 30       | 27       | 2       |
| 15BQ1A0396 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 25       | 3       |
| 15BQ1A0396 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 24       | 3       |
| 15BQ1A0396 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 22       | 30       | 3       |
| 15BQ1A0396 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 40       | 3       |
| 15BQ1A0396 | RT31035 | THERMAL ENGINEERING-II            | 21       | 36       | 3       |
| 15BQ1A0396 | RT31036 | METROLOGY                         | 23       | 38       | 3       |
| 15BQ1A0396 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 40       | 2       |
| 15BQ1A0396 | RT31038 | MACHINE TOOLS LAB                 | 20       | 40       | 2       |
| 15BQ1A0397 | RT31016 | IPR & PATENTS                     | 26       | 16       | 0       |
| 15BQ1A0397 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 0        | 0       |
| 15BQ1A0397 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 22       | 26       | 3       |
| 15BQ1A0397 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 17       | 10       | 0       |
| 15BQ1A0397 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 22       | 24       | 3       |
| 15BQ1A0397 | RT31035 | THERMAL ENGINEERING-II            | 18       | 18       | 0       |
| 15BQ1A0397 | RT31036 | METROLOGY                         | 19       | 16       | 0       |
| 15BQ1A0397 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 15       | 38       | 2       |
| 15BQ1A0397 | RT31038 | MACHINE TOOLS LAB                 | 16       | 35       | 2       |
| 15BQ1A0398 | RT31016 | IPR & PATENTS                     | 29       | 38       | 2       |
| 15BQ1A0398 | RT31031 | DYNAMICS OF MACHINERY             | 25       | 33       | 3       |
| 15BQ1A0398 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 36       | 3       |
| 15BQ1A0398 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 30       | 52       | 3       |
| 15BQ1A0398 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 30       | 41       | 3       |
| 15BQ1A0398 | RT31035 | THERMAL ENGINEERING-II            | 28       | 40       | 3       |
| 15BQ1A0398 | RT31036 | METROLOGY                         | 29       | 62       | 3       |
| 15BQ1A0398 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 24       | 48       | 2       |
| 15BQ1A0398 | RT31038 | MACHINE TOOLS LAB                 | 25       | 48       | 2       |
| 15BQ1A0399 | RT31016 | IPR & PATENTS                     | 30       | 43       | 2       |
| 15BQ1A0399 | RT31031 | DYNAMICS OF MACHINERY             | 26       | 28       | 3       |
| 15BQ1A0399 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 38       | 3       |
| 15BQ1A0399 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 23       | 33       | 3       |
| 15BQ1A0399 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 26       | 49       | 3       |
| 15BQ1A0399 | RT31035 | THERMAL ENGINEERING-II            | 24       | 60       | 3       |
| 15BQ1A0399 | RT31036 | METROLOGY                         | 24       | 35       | 3       |
| 15BQ1A0399 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 44       | 2       |
| 15BQ1A0399 | RT31038 | MACHINE TOOLS LAB                 | 23       | 45       | 2       |
| 15BQ1A03A1 | RT31016 | IPR & PATENTS                     | 26       | 24       | 2       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A03A1 | RT31031 | DYNAMICS OF MACHINERY             | 19       | 24       | 3       |
| 15BQ1A03A1 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 18       | 35       | 3       |
| 15BQ1A03A1 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 27       | 3       |
| 15BQ1A03A1 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 21       | 42       | 3       |
| 15BQ1A03A1 | RT31035 | THERMAL ENGINEERING-II            | 22       | 36       | 3       |
| 15BQ1A03A1 | RT31036 | METROLOGY                         | 20       | 29       | 3       |
| 15BQ1A03A1 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 40       | 2       |
| 15BQ1A03A1 | RT31038 | MACHINE TOOLS LAB                 | 20       | 38       | 2       |
| 15BQ1A03A2 | RT31016 | IPR & PATENTS                     | 24       | 25       | 2       |
| 15BQ1A03A2 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 24       | 3       |
| 15BQ1A03A2 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 24       | 36       | 3       |
| 15BQ1A03A2 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 26       | 3       |
| 15BQ1A03A2 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 43       | 3       |
| 15BQ1A03A2 | RT31035 | THERMAL ENGINEERING-II            | 24       | 36       | 3       |
| 15BQ1A03A2 | RT31036 | METROLOGY                         | 23       | 39       | 3       |
| 15BQ1A03A2 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 42       | 2       |
| 15BQ1A03A2 | RT31038 | MACHINE TOOLS LAB                 | 22       | 44       | 2       |
| 15BQ1A03A3 | RT31016 | IPR & PATENTS                     | 30       | 39       | 2       |
| 15BQ1A03A3 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 36       | 3       |
| 15BQ1A03A3 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 34       | 3       |
| 15BQ1A03A3 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 43       | 3       |
| 15BQ1A03A3 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 42       | 3       |
| 15BQ1A03A3 | RT31035 | THERMAL ENGINEERING-II            | 20       | 36       | 3       |
| 15BQ1A03A3 | RT31036 | METROLOGY                         | 23       | 41       | 3       |
| 15BQ1A03A3 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 46       | 2       |
| 15BQ1A03A3 | RT31038 | MACHINE TOOLS LAB                 | 24       | 45       | 2       |
| 15BQ1A03A4 | RT31016 | IPR & PATENTS                     | 27       | 41       | 2       |
| 15BQ1A03A4 | RT31031 | DYNAMICS OF MACHINERY             | 20       | 32       | 3       |
| 15BQ1A03A4 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 24       | 31       | 3       |
| 15BQ1A03A4 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 41       | 3       |
| 15BQ1A03A4 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 51       | 3       |
| 15BQ1A03A4 | RT31035 | THERMAL ENGINEERING-II            | 20       | 38       | 3       |
| 15BQ1A03A4 | RT31036 | METROLOGY                         | 17       | 45       | 3       |
| 15BQ1A03A4 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 42       | 2       |
| 15BQ1A03A4 | RT31038 | MACHINE TOOLS LAB                 | 24       | 44       | 2       |
| 15BQ1A03A5 | RT31016 | IPR & PATENTS                     | 18       | 25       | 2       |
| 15BQ1A03A5 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 17       | 0       |
| 15BQ1A03A5 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 21       | 34       | 3       |
| 15BQ1A03A5 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 17       | 27       | 3       |
| 15BQ1A03A5 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 24       | 34       | 3       |
| 15BQ1A03A5 | RT31035 | THERMAL ENGINEERING-II            | 17       | 31       | 3       |
| 15BQ1A03A5 | RT31036 | METROLOGY                         | 18       | 26       | 3       |
| 15BQ1A03A5 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 40       | 2       |
| 15BQ1A03A5 | RT31038 | MACHINE TOOLS LAB                 | 23       | 42       | 2       |
| 15BQ1A03A6 | RT31016 | IPR & PATENTS                     | 0        | 24       | 0       |
| 15BQ1A03A6 | RT31031 | DYNAMICS OF MACHINERY             | 7        | 0        | 0       |
| 15BQ1A03A6 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 16       | 2        | 0       |
| 15BQ1A03A6 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 14       | 0        | 0       |
| 15BQ1A03A6 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 19       | 7        | 0       |
| 15BQ1A03A6 | RT31035 | THERMAL ENGINEERING-II            | 16       | 0        | 0       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 15BQ1A03A6 | RT31036 | METROLOGY                         | 16       | 4        | 0       |
| 15BQ1A03A6 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 12       | 27       | 2       |
| 15BQ1A03A6 | RT31038 | MACHINE TOOLS LAB                 | 13       | 27       | 2       |
| 15BQ1A03A7 | RT31016 | IPR & PATENTS                     | 18       | 28       | 2       |
| 15BQ1A03A7 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 14       | 0       |
| 15BQ1A03A7 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 33       | 3       |
| 15BQ1A03A7 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 17       | 30       | 3       |
| 15BQ1A03A7 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 26       | 24       | 3       |
| 15BQ1A03A7 | RT31035 | THERMAL ENGINEERING-II            | 21       | 9        | 0       |
| 15BQ1A03A7 | RT31036 | METROLOGY                         | 21       | 16       | 0       |
| 15BQ1A03A7 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 44       | 2       |
| 15BQ1A03A7 | RT31038 | MACHINE TOOLS LAB                 | 22       | 35       | 2       |
| 15BQ1A03A8 | RT31016 | IPR & PATENTS                     | 20       | 31       | 2       |
| 15BQ1A03A8 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 9        | 0       |
| 15BQ1A03A8 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 16       | 26       | 3       |
| 15BQ1A03A8 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 14       | 9        | 0       |
| 15BQ1A03A8 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 20       | 28       | 3       |
| 15BQ1A03A8 | RT31035 | THERMAL ENGINEERING-II            | 16       | 16       | 0       |
| 15BQ1A03A8 | RT31036 | METROLOGY                         | 17       | 2        | 0       |
| 15BQ1A03A8 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 13       | 26       | 2       |
| 15BQ1A03A8 | RT31038 | MACHINE TOOLS LAB                 | 13       | 35       | 2       |
| 15BQ1A03A9 | RT31016 | IPR & PATENTS                     | 30       | 34       | 2       |
| 15BQ1A03A9 | RT31031 | DYNAMICS OF MACHINERY             | 27       | 38       | 3       |
| 15BQ1A03A9 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 24       | 70       | 3       |
| 15BQ1A03A9 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 26       | 45       | 3       |
| 15BQ1A03A9 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 30       | 64       | 3       |
| 15BQ1A03A9 | RT31035 | THERMAL ENGINEERING-II            | 23       | 63       | 3       |
| 15BQ1A03A9 | RT31036 | METROLOGY                         | 26       | 51       | 3       |
| 15BQ1A03A9 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 24       | 48       | 2       |
| 15BQ1A03A9 | RT31038 | MACHINE TOOLS LAB                 | 25       | 50       | 2       |
| 15BQ1A03B0 | RT31016 | IPR & PATENTS                     | 28       | 46       | 2       |
| 15BQ1A03B0 | RT31031 | DYNAMICS OF MACHINERY             | 25       | 36       | 3       |
| 15BQ1A03B0 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 16       | 0       |
| 15BQ1A03B0 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 28       | 26       | 3       |
| 15BQ1A03B0 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 43       | 3       |
| 15BQ1A03B0 | RT31035 | THERMAL ENGINEERING-II            | 24       | 40       | 3       |
| 15BQ1A03B0 | RT31036 | METROLOGY                         | 27       | 32       | 3       |
| 15BQ1A03B0 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 24       | 48       | 2       |
| 15BQ1A03B0 | RT31038 | MACHINE TOOLS LAB                 | 25       | 50       | 2       |
| 15BQ1A03B1 | RT31016 | IPR & PATENTS                     | 25       | 30       | 2       |
| 15BQ1A03B1 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 44       | 3       |
| 15BQ1A03B1 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 33       | 3       |
| 15BQ1A03B1 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 23       | 30       | 3       |
| 15BQ1A03B1 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 46       | 3       |
| 15BQ1A03B1 | RT31035 | THERMAL ENGINEERING-II            | 25       | 51       | 3       |
| 15BQ1A03B1 | RT31036 | METROLOGY                         | 27       | 38       | 3       |
| 15BQ1A03B1 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 42       | 2       |
| 15BQ1A03B1 | RT31038 | MACHINE TOOLS LAB                 | 24       | 48       | 2       |
| 15BQ1A03B2 | RT31016 | IPR & PATENTS                     | 23       | 42       | 2       |
| 15BQ1A03B2 | RT31031 | DYNAMICS OF MACHINERY             | 17       | 24       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A03B2 | RT31032 | METAL CUTTING & MACHINE TOOLS          | 19       | 38       | 3       |
| 15BQ1A03B2 | RT31033 | DESIGN OF MACHINE MEMBERS-I            | 22       | 15       | 0       |
| 15BQ1A03B2 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS      | 20       | 34       | 3       |
| 15BQ1A03B2 | RT31035 | THERMAL ENGINEERING-II                 | 22       | 32       | 3       |
| 15BQ1A03B2 | RT31036 | METROLOGY                              | 20       | 26       | 3       |
| 15BQ1A03B2 | RT31037 | METROLOGY & INSTRUMENTATION LAB        | 13       | 26       | 2       |
| 15BQ1A03B2 | RT31038 | MACHINE TOOLS LAB                      | 14       | 35       | 2       |
| 15BQ1A03B3 | RT31016 | IPR & PATENTS                          | 24       | 28       | 2       |
| 15BQ1A03B3 | RT31031 | DYNAMICS OF MACHINERY                  | 11       | 18       | 0       |
| 15BQ1A03B3 | RT31032 | METAL CUTTING & MACHINE TOOLS          | 22       | 41       | 3       |
| 15BQ1A03B3 | RT31033 | DESIGN OF MACHINE MEMBERS-I            | 18       | 12       | 0       |
| 15BQ1A03B3 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS      | 22       | 38       | 3       |
| 15BQ1A03B3 | RT31035 | THERMAL ENGINEERING-II                 | 17       | 34       | 3       |
| 15BQ1A03B3 | RT31036 | METROLOGY                              | 21       | 35       | 3       |
| 15BQ1A03B3 | RT31037 | METROLOGY & INSTRUMENTATION LAB        | 20       | 42       | 2       |
| 15BQ1A03B3 | RT31038 | MACHINE TOOLS LAB                      | 22       | 38       | 2       |
| 15BQ1A0401 | RT31016 | IPR & PATENTS                          | 27       | 45       | 2       |
| 15BQ1A0401 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 32       | 3       |
| 15BQ1A0401 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 50       | 3       |
| 15BQ1A0401 | RT31043 | CONTROL SYSTEMS                        | 25       | 26       | 3       |
| 15BQ1A0401 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 32       | 3       |
| 15BQ1A0401 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 38       | 3       |
| 15BQ1A0401 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 42       | 2       |
| 15BQ1A0401 | RT31048 | LICA LAB                               | 22       | 46       | 2       |
| 15BQ1A0401 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 41       | 2       |
| 15BQ1A0402 | RT31016 | IPR & PATENTS                          | 27       | 36       | 2       |
| 15BQ1A0402 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 31       | 3       |
| 15BQ1A0402 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 25       | 3       |
| 15BQ1A0402 | RT31043 | CONTROL SYSTEMS                        | 27       | 51       | 3       |
| 15BQ1A0402 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 21       | 30       | 3       |
| 15BQ1A0402 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 33       | 3       |
| 15BQ1A0402 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 44       | 2       |
| 15BQ1A0402 | RT31048 | LICA LAB                               | 18       | 35       | 2       |
| 15BQ1A0402 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 40       | 2       |
| 15BQ1A0403 | RT31016 | IPR & PATENTS                          | 29       | 30       | 2       |
| 15BQ1A0403 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 30       | 3       |
| 15BQ1A0403 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 29       | 3       |
| 15BQ1A0403 | RT31043 | CONTROL SYSTEMS                        | 25       | 39       | 3       |
| 15BQ1A0403 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 31       | 3       |
| 15BQ1A0403 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 22       | 24       | 3       |
| 15BQ1A0403 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A0403 | RT31048 | LICA LAB                               | 22       | 44       | 2       |
| 15BQ1A0403 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 43       | 2       |
| 15BQ1A0404 | RT31016 | IPR & PATENTS                          | 26       | 30       | 2       |
| 15BQ1A0404 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 13       | 0       |
| 15BQ1A0404 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 35       | 3       |
| 15BQ1A0404 | RT31043 | CONTROL SYSTEMS                        | 21       | 24       | 3       |
| 15BQ1A0404 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 22       | 15       | 0       |
| 15BQ1A0404 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 22       | 16       | 0       |
| 15BQ1A0404 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 19       | 42       | 2       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0404 | RT31048 | LICA LAB                               | 20       | 43       | 2       |
| 15BQ1A0404 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 20       | 40       | 2       |
| 15BQ1A0405 | RT31016 | IPR & PATENTS                          | 23       | 42       | 2       |
| 15BQ1A0405 | RT31041 | PULSE & DIGITAL CIRCUITS               | 22       | 24       | 3       |
| 15BQ1A0405 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 41       | 3       |
| 15BQ1A0405 | RT31043 | CONTROL SYSTEMS                        | 23       | 25       | 3       |
| 15BQ1A0405 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 24       | 3       |
| 15BQ1A0405 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 37       | 3       |
| 15BQ1A0405 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 38       | 2       |
| 15BQ1A0405 | RT31048 | LICA LAB                               | 22       | 40       | 2       |
| 15BQ1A0405 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 30       | 2       |
| 15BQ1A0406 | RT31016 | IPR & PATENTS                          | 17       | 38       | 2       |
| 15BQ1A0406 | RT31041 | PULSE & DIGITAL CIRCUITS               | 18       | 2        | 0       |
| 15BQ1A0406 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 28       | 3       |
| 15BQ1A0406 | RT31043 | CONTROL SYSTEMS                        | 21       | 47       | 3       |
| 15BQ1A0406 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 12       | 0       |
| 15BQ1A0406 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 18       | 28       | 3       |
| 15BQ1A0406 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 19       | 38       | 2       |
| 15BQ1A0406 | RT31048 | LICA LAB                               | 18       | 40       | 2       |
| 15BQ1A0406 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 38       | 2       |
| 15BQ1A0407 | RT31016 | IPR & PATENTS                          | 24       | 31       | 2       |
| 15BQ1A0407 | RT31041 | PULSE & DIGITAL CIRCUITS               | 25       | 24       | 3       |
| 15BQ1A0407 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 39       | 3       |
| 15BQ1A0407 | RT31043 | CONTROL SYSTEMS                        | 25       | 41       | 3       |
| 15BQ1A0407 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 26       | 3       |
| 15BQ1A0407 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 17       | 0       |
| 15BQ1A0407 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 42       | 2       |
| 15BQ1A0407 | RT31048 | LICA LAB                               | 19       | 45       | 2       |
| 15BQ1A0407 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 18       | 41       | 2       |
| 15BQ1A0408 | RT31016 | IPR & PATENTS                          | 30       | 26       | 2       |
| 15BQ1A0408 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 39       | 3       |
| 15BQ1A0408 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 58       | 3       |
| 15BQ1A0408 | RT31043 | CONTROL SYSTEMS                        | 24       | 50       | 3       |
| 15BQ1A0408 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 34       | 3       |
| 15BQ1A0408 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 33       | 3       |
| 15BQ1A0408 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A0408 | RT31048 | LICA LAB                               | 24       | 47       | 2       |
| 15BQ1A0408 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 48       | 2       |
| 15BQ1A0409 | RT31016 | IPR & PATENTS                          | 26       | 44       | 2       |
| 15BQ1A0409 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 47       | 3       |
| 15BQ1A0409 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 46       | 3       |
| 15BQ1A0409 | RT31043 | CONTROL SYSTEMS                        | 26       | 24       | 3       |
| 15BQ1A0409 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 29       | 3       |
| 15BQ1A0409 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 31       | 3       |
| 15BQ1A0409 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A0409 | RT31048 | LICA LAB                               | 24       | 49       | 2       |
| 15BQ1A0409 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 45       | 2       |
| 15BQ1A0410 | RT31016 | IPR & PATENTS                          | 27       | 36       | 2       |
| 15BQ1A0410 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 42       | 3       |
| 15BQ1A0410 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 53       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0410 | RT31043 | CONTROL SYSTEMS                        | 27       | 55       | 3       |
| 15BQ1A0410 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 15       | 0       |
| 15BQ1A0410 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 47       | 3       |
| 15BQ1A0410 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 45       | 2       |
| 15BQ1A0410 | RT31048 | LICA LAB                               | 21       | 48       | 2       |
| 15BQ1A0410 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 44       | 2       |
| 15BQ1A0411 | RT31016 | IPR & PATENTS                          | 23       | 32       | 2       |
| 15BQ1A0411 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 28       | 3       |
| 15BQ1A0411 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 29       | 3       |
| 15BQ1A0411 | RT31043 | CONTROL SYSTEMS                        | 27       | 34       | 3       |
| 15BQ1A0411 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 29       | 3       |
| 15BQ1A0411 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 24       | 3       |
| 15BQ1A0411 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 40       | 2       |
| 15BQ1A0411 | RT31048 | LICA LAB                               | 23       | 40       | 2       |
| 15BQ1A0411 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 46       | 2       |
| 15BQ1A0412 | RT31016 | IPR & PATENTS                          | 17       | 15       | 0       |
| 15BQ1A0412 | RT31041 | PULSE & DIGITAL CIRCUITS               | 19       | 28       | 3       |
| 15BQ1A0412 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 38       | 3       |
| 15BQ1A0412 | RT31043 | CONTROL SYSTEMS                        | 23       | 30       | 3       |
| 15BQ1A0412 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 24       | 3       |
| 15BQ1A0412 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 22       | 30       | 3       |
| 15BQ1A0412 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 19       | 38       | 2       |
| 15BQ1A0412 | RT31048 | LICA LAB                               | 19       | 40       | 2       |
| 15BQ1A0412 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 41       | 2       |
| 15BQ1A0413 | RT31016 | IPR & PATENTS                          | 18       | 29       | 2       |
| 15BQ1A0413 | RT31041 | PULSE & DIGITAL CIRCUITS               | 25       | 24       | 3       |
| 15BQ1A0413 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 34       | 3       |
| 15BQ1A0413 | RT31043 | CONTROL SYSTEMS                        | 26       | 27       | 3       |
| 15BQ1A0413 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 21       | 26       | 3       |
| 15BQ1A0413 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 24       | 30       | 3       |
| 15BQ1A0413 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 19       | 40       | 2       |
| 15BQ1A0413 | RT31048 | LICA LAB                               | 21       | 43       | 2       |
| 15BQ1A0413 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 34       | 2       |
| 15BQ1A0414 | RT31016 | IPR & PATENTS                          | 23       | 34       | 2       |
| 15BQ1A0414 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 24       | 3       |
| 15BQ1A0414 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 32       | 3       |
| 15BQ1A0414 | RT31043 | CONTROL SYSTEMS                        | 23       | 45       | 3       |
| 15BQ1A0414 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 11       | 0       |
| 15BQ1A0414 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 25       | 45       | 3       |
| 15BQ1A0414 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 19       | 36       | 2       |
| 15BQ1A0414 | RT31048 | LICA LAB                               | 21       | 36       | 2       |
| 15BQ1A0414 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 43       | 2       |
| 15BQ1A0415 | RT31016 | IPR & PATENTS                          | 30       | 39       | 2       |
| 15BQ1A0415 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 34       | 3       |
| 15BQ1A0415 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 48       | 3       |
| 15BQ1A0415 | RT31043 | CONTROL SYSTEMS                        | 29       | 45       | 3       |
| 15BQ1A0415 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 45       | 3       |
| 15BQ1A0415 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 34       | 3       |
| 15BQ1A0415 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 50       | 2       |
| 15BQ1A0415 | RT31048 | LICA LAB                               | 25       | 49       | 2       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0415 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 49       | 2       |
| 15BQ1A0416 | RT31016 | IPR & PATENTS                          | 26       | 36       | 2       |
| 15BQ1A0416 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 29       | 3       |
| 15BQ1A0416 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 24       | 3       |
| 15BQ1A0416 | RT31043 | CONTROL SYSTEMS                        | 20       | 14       | 0       |
| 15BQ1A0416 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 29       | 3       |
| 15BQ1A0416 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 23       | 24       | 3       |
| 15BQ1A0416 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 41       | 2       |
| 15BQ1A0416 | RT31048 | LICA LAB                               | 21       | 38       | 2       |
| 15BQ1A0416 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 41       | 2       |
| 15BQ1A0417 | RT31016 | IPR & PATENTS                          | 22       | 47       | 2       |
| 15BQ1A0417 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 32       | 3       |
| 15BQ1A0417 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 43       | 3       |
| 15BQ1A0417 | RT31043 | CONTROL SYSTEMS                        | 23       | 50       | 3       |
| 15BQ1A0417 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 37       | 3       |
| 15BQ1A0417 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 38       | 3       |
| 15BQ1A0417 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 42       | 2       |
| 15BQ1A0417 | RT31048 | LICA LAB                               | 22       | 43       | 2       |
| 15BQ1A0417 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 47       | 2       |
| 15BQ1A0418 | RT31016 | IPR & PATENTS                          | 19       | 35       | 2       |
| 15BQ1A0418 | RT31041 | PULSE & DIGITAL CIRCUITS               | 23       | 25       | 3       |
| 15BQ1A0418 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 19       | 46       | 3       |
| 15BQ1A0418 | RT31043 | CONTROL SYSTEMS                        | 22       | 40       | 3       |
| 15BQ1A0418 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 20       | 24       | 3       |
| 15BQ1A0418 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 17       | 37       | 3       |
| 15BQ1A0418 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 40       | 2       |
| 15BQ1A0418 | RT31048 | LICA LAB                               | 18       | 42       | 2       |
| 15BQ1A0418 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 20       | 43       | 2       |
| 15BQ1A0419 | RT31016 | IPR & PATENTS                          | 16       | 26       | 2       |
| 15BQ1A0419 | RT31041 | PULSE & DIGITAL CIRCUITS               | 18       | 3        | 0       |
| 15BQ1A0419 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 18       | 7        | 0       |
| 15BQ1A0419 | RT31043 | CONTROL SYSTEMS                        | 18       | 19       | 0       |
| 15BQ1A0419 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 23       | 8        | 0       |
| 15BQ1A0419 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 16       | 10       | 0       |
| 15BQ1A0419 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 17       | 28       | 2       |
| 15BQ1A0419 | RT31048 | LICA LAB                               | 13       | 10       | 0       |
| 15BQ1A0419 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 36       | 2       |
| 15BQ1A0420 | RT31016 | IPR & PATENTS                          | 27       | 35       | 2       |
| 15BQ1A0420 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 35       | 3       |
| 15BQ1A0420 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 27       | 3       |
| 15BQ1A0420 | RT31043 | CONTROL SYSTEMS                        | 23       | 30       | 3       |
| 15BQ1A0420 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 12       | 0       |
| 15BQ1A0420 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 25       | 34       | 3       |
| 15BQ1A0420 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 44       | 2       |
| 15BQ1A0420 | RT31048 | LICA LAB                               | 21       | 40       | 2       |
| 15BQ1A0420 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 46       | 2       |
| 15BQ1A0421 | RT31016 | IPR & PATENTS                          | 25       | 42       | 2       |
| 15BQ1A0421 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 35       | 3       |
| 15BQ1A0421 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 53       | 3       |
| 15BQ1A0421 | RT31043 | CONTROL SYSTEMS                        | 25       | 49       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0421 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 40       | 3       |
| 15BQ1A0421 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 43       | 3       |
| 15BQ1A0421 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 44       | 2       |
| 15BQ1A0421 | RT31048 | LICA LAB                               | 22       | 46       | 2       |
| 15BQ1A0421 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 47       | 2       |
| 15BQ1A0422 | RT31016 | IPR & PATENTS                          | 29       | 38       | 2       |
| 15BQ1A0422 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 29       | 3       |
| 15BQ1A0422 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 41       | 3       |
| 15BQ1A0422 | RT31043 | CONTROL SYSTEMS                        | 27       | 59       | 3       |
| 15BQ1A0422 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 33       | 3       |
| 15BQ1A0422 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 49       | 3       |
| 15BQ1A0422 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 47       | 2       |
| 15BQ1A0422 | RT31048 | LICA LAB                               | 24       | 45       | 2       |
| 15BQ1A0422 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 45       | 2       |
| 15BQ1A0423 | RT31016 | IPR & PATENTS                          | 30       | 36       | 2       |
| 15BQ1A0423 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 30       | 3       |
| 15BQ1A0423 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 41       | 3       |
| 15BQ1A0423 | RT31043 | CONTROL SYSTEMS                        | 26       | 36       | 3       |
| 15BQ1A0423 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 34       | 3       |
| 15BQ1A0423 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 24       | 3       |
| 15BQ1A0423 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 43       | 2       |
| 15BQ1A0423 | RT31048 | LICA LAB                               | 24       | 48       | 2       |
| 15BQ1A0423 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 46       | 2       |
| 15BQ1A0424 | RT31016 | IPR & PATENTS                          | 26       | 40       | 2       |
| 15BQ1A0424 | RT31041 | PULSE & DIGITAL CIRCUITS               | 23       | 41       | 3       |
| 15BQ1A0424 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 24       | 3       |
| 15BQ1A0424 | RT31043 | CONTROL SYSTEMS                        | 28       | 29       | 3       |
| 15BQ1A0424 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 30       | 3       |
| 15BQ1A0424 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 22       | 30       | 3       |
| 15BQ1A0424 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 42       | 2       |
| 15BQ1A0424 | RT31048 | LICA LAB                               | 19       | 40       | 2       |
| 15BQ1A0424 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 44       | 2       |
| 15BQ1A0425 | RT31016 | IPR & PATENTS                          | 23       | 39       | 2       |
| 15BQ1A0425 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 30       | 3       |
| 15BQ1A0425 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 51       | 3       |
| 15BQ1A0425 | RT31043 | CONTROL SYSTEMS                        | 29       | 49       | 3       |
| 15BQ1A0425 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 40       | 3       |
| 15BQ1A0425 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 29       | 3       |
| 15BQ1A0425 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A0425 | RT31048 | LICA LAB                               | 23       | 47       | 2       |
| 15BQ1A0425 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 44       | 2       |
| 15BQ1A0426 | RT31016 | IPR & PATENTS                          | 30       | 39       | 2       |
| 15BQ1A0426 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 38       | 3       |
| 15BQ1A0426 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 39       | 3       |
| 15BQ1A0426 | RT31043 | CONTROL SYSTEMS                        | 28       | 58       | 3       |
| 15BQ1A0426 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 16       | 0       |
| 15BQ1A0426 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 29       | 3       |
| 15BQ1A0426 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 48       | 2       |
| 15BQ1A0426 | RT31048 | LICA LAB                               | 25       | 49       | 2       |
| 15BQ1A0426 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 47       | 2       |



| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0427 | RT31016 | IPR & PATENTS                          | 30       | 42       | 2       |
| 15BQ1A0427 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 52       | 3       |
| 15BQ1A0427 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 56       | 3       |
| 15BQ1A0427 | RT31043 | CONTROL SYSTEMS                        | 30       | 45       | 3       |
| 15BQ1A0427 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 52       | 3       |
| 15BQ1A0427 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 46       | 3       |
| 15BQ1A0427 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 50       | 2       |
| 15BQ1A0427 | RT31048 | LICA LAB                               | 25       | 50       | 2       |
| 15BQ1A0427 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 46       | 2       |
| 15BQ1A0428 | RT31016 | IPR & PATENTS                          | 23       | 25       | 2       |
| 15BQ1A0428 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 49       | 3       |
| 15BQ1A0428 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 31       | 3       |
| 15BQ1A0428 | RT31043 | CONTROL SYSTEMS                        | 22       | 24       | 3       |
| 15BQ1A0428 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 34       | 3       |
| 15BQ1A0428 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 32       | 3       |
| 15BQ1A0428 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 48       | 2       |
| 15BQ1A0428 | RT31048 | LICA LAB                               | 21       | 34       | 2       |
| 15BQ1A0428 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 15BQ1A0429 | RT31016 | IPR & PATENTS                          | 5        | 36       | 2       |
| 15BQ1A0429 | RT31041 | PULSE & DIGITAL CIRCUITS               | 18       | 7        | 0       |
| 15BQ1A0429 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 17       | 2        | 0       |
| 15BQ1A0429 | RT31043 | CONTROL SYSTEMS                        | 5        | 2        | 0       |
| 15BQ1A0429 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 5        | 0        | 0       |
| 15BQ1A0429 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 4        | 0        | 0       |
| 15BQ1A0429 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 14       | 29       | 2       |
| 15BQ1A0429 | RT31048 | LICA LAB                               | 13       | 10       | 0       |
| 15BQ1A0429 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 17       | 26       | 2       |
| 15BQ1A0430 | RT31016 | IPR & PATENTS                          | 26       | 37       | 2       |
| 15BQ1A0430 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 42       | 3       |
| 15BQ1A0430 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 43       | 3       |
| 15BQ1A0430 | RT31043 | CONTROL SYSTEMS                        | 26       | 56       | 3       |
| 15BQ1A0430 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 29       | 3       |
| 15BQ1A0430 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 26       | 3       |
| 15BQ1A0430 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 46       | 2       |
| 15BQ1A0430 | RT31048 | LICA LAB                               | 21       | 45       | 2       |
| 15BQ1A0430 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 46       | 2       |
| 15BQ1A0431 | RT31016 | IPR & PATENTS                          | 27       | 32       | 2       |
| 15BQ1A0431 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 45       | 3       |
| 15BQ1A0431 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 42       | 3       |
| 15BQ1A0431 | RT31043 | CONTROL SYSTEMS                        | 25       | 42       | 3       |
| 15BQ1A0431 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 42       | 3       |
| 15BQ1A0431 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 28       | 3       |
| 15BQ1A0431 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 46       | 2       |
| 15BQ1A0431 | RT31048 | LICA LAB                               | 21       | 40       | 2       |
| 15BQ1A0431 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 28       | 2       |
| 15BQ1A0432 | RT31016 | IPR & PATENTS                          | 15       | 14       | 0       |
| 15BQ1A0432 | RT31041 | PULSE & DIGITAL CIRCUITS               | 20       | 25       | 3       |
| 15BQ1A0432 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 22       | 24       | 3       |
| 15BQ1A0432 | RT31043 | CONTROL SYSTEMS                        | 20       | 12       | 0       |
| 15BQ1A0432 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 25       | 6        | 0       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0432 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 20       | 8        | 0       |
| 15BQ1A0432 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 30       | 2       |
| 15BQ1A0432 | RT31048 | LICA LAB                               | 17       | 30       | 2       |
| 15BQ1A0432 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 18       | 45       | 2       |
| 15BQ1A0433 | RT31016 | IPR & PATENTS                          | 26       | 46       | 2       |
| 15BQ1A0433 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 55       | 3       |
| 15BQ1A0433 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 54       | 3       |
| 15BQ1A0433 | RT31043 | CONTROL SYSTEMS                        | 23       | 49       | 3       |
| 15BQ1A0433 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 37       | 3       |
| 15BQ1A0433 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 25       | 49       | 3       |
| 15BQ1A0433 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A0433 | RT31048 | LICA LAB                               | 20       | 42       | 2       |
| 15BQ1A0433 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 45       | 2       |
| 15BQ1A0434 | RT31016 | IPR & PATENTS                          | 19       | 25       | 2       |
| 15BQ1A0434 | RT31041 | PULSE & DIGITAL CIRCUITS               | 17       | 3        | 0       |
| 15BQ1A0434 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 13       | 27       | 3       |
| 15BQ1A0434 | RT31043 | CONTROL SYSTEMS                        | 20       | 44       | 3       |
| 15BQ1A0434 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 16       | 4        | 0       |
| 15BQ1A0434 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 16       | 9        | 0       |
| 15BQ1A0434 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 15       | 30       | 2       |
| 15BQ1A0434 | RT31048 | LICA LAB                               | 14       | 25       | 2       |
| 15BQ1A0434 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 16       | 24       | 2       |
| 15BQ1A0435 | RT31016 | IPR & PATENTS                          | 30       | 28       | 2       |
| 15BQ1A0435 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 39       | 3       |
| 15BQ1A0435 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 39       | 3       |
| 15BQ1A0435 | RT31043 | CONTROL SYSTEMS                        | 30       | 54       | 3       |
| 15BQ1A0435 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 49       | 3       |
| 15BQ1A0435 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 37       | 3       |
| 15BQ1A0435 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 50       | 2       |
| 15BQ1A0435 | RT31048 | LICA LAB                               | 25       | 50       | 2       |
| 15BQ1A0435 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 43       | 2       |
| 15BQ1A0436 | RT31016 | IPR & PATENTS                          | 28       | 30       | 2       |
| 15BQ1A0436 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 52       | 3       |
| 15BQ1A0436 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 39       | 3       |
| 15BQ1A0436 | RT31043 | CONTROL SYSTEMS                        | 28       | 46       | 3       |
| 15BQ1A0436 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 37       | 3       |
| 15BQ1A0436 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 42       | 3       |
| 15BQ1A0436 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A0436 | RT31048 | LICA LAB                               | 22       | 49       | 2       |
| 15BQ1A0436 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 43       | 2       |
| 15BQ1A0437 | RT31016 | IPR & PATENTS                          | 25       | 32       | 2       |
| 15BQ1A0437 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 15       | 0       |
| 15BQ1A0437 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 33       | 3       |
| 15BQ1A0437 | RT31043 | CONTROL SYSTEMS                        | 23       | 25       | 3       |
| 15BQ1A0437 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 30       | 3       |
| 15BQ1A0437 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 23       | 24       | 3       |
| 15BQ1A0437 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 42       | 2       |
| 15BQ1A0437 | RT31048 | LICA LAB                               | 19       | 39       | 2       |
| 15BQ1A0437 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 47       | 2       |
| 15BQ1A0438 | RT31016 | IPR & PATENTS                          | 23       | 36       | 2       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0438 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 34       | 3       |
| 15BQ1A0438 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 32       | 3       |
| 15BQ1A0438 | RT31043 | CONTROL SYSTEMS                        | 21       | 26       | 3       |
| 15BQ1A0438 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 25       | 29       | 3       |
| 15BQ1A0438 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 25       | 3       |
| 15BQ1A0438 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 40       | 2       |
| 15BQ1A0438 | RT31048 | LICA LAB                               | 19       | 38       | 2       |
| 15BQ1A0438 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 44       | 2       |
| 15BQ1A0439 | RT31016 | IPR & PATENTS                          | 27       | 26       | 2       |
| 15BQ1A0439 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 34       | 3       |
| 15BQ1A0439 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 40       | 3       |
| 15BQ1A0439 | RT31043 | CONTROL SYSTEMS                        | 24       | 33       | 3       |
| 15BQ1A0439 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 24       | 3       |
| 15BQ1A0439 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 29       | 3       |
| 15BQ1A0439 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 44       | 2       |
| 15BQ1A0439 | RT31048 | LICA LAB                               | 21       | 45       | 2       |
| 15BQ1A0439 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 44       | 2       |
| 15BQ1A0440 | RT31016 | IPR & PATENTS                          | 25       | 38       | 2       |
| 15BQ1A0440 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 32       | 3       |
| 15BQ1A0440 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 32       | 3       |
| 15BQ1A0440 | RT31043 | CONTROL SYSTEMS                        | 24       | 29       | 3       |
| 15BQ1A0440 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 33       | 3       |
| 15BQ1A0440 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 37       | 3       |
| 15BQ1A0440 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 43       | 2       |
| 15BQ1A0440 | RT31048 | LICA LAB                               | 22       | 46       | 2       |
| 15BQ1A0440 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 45       | 2       |
| 15BQ1A0441 | RT31016 | IPR & PATENTS                          | 28       | 34       | 2       |
| 15BQ1A0441 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 32       | 3       |
| 15BQ1A0441 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 21       | 39       | 3       |
| 15BQ1A0441 | RT31043 | CONTROL SYSTEMS                        | 22       | 38       | 3       |
| 15BQ1A0441 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 33       | 3       |
| 15BQ1A0441 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 25       | 32       | 3       |
| 15BQ1A0441 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 42       | 2       |
| 15BQ1A0441 | RT31048 | LICA LAB                               | 21       | 43       | 2       |
| 15BQ1A0441 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 43       | 2       |
| 15BQ1A0442 | RT31016 | IPR & PATENTS                          | 27       | 42       | 2       |
| 15BQ1A0442 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 43       | 3       |
| 15BQ1A0442 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 47       | 3       |
| 15BQ1A0442 | RT31043 | CONTROL SYSTEMS                        | 27       | 60       | 3       |
| 15BQ1A0442 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 11       | 0       |
| 15BQ1A0442 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 49       | 3       |
| 15BQ1A0442 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 48       | 2       |
| 15BQ1A0442 | RT31048 | LICA LAB                               | 24       | 45       | 2       |
| 15BQ1A0442 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 43       | 2       |
| 15BQ1A0443 | RT31016 | IPR & PATENTS                          | 25       | 33       | 2       |
| 15BQ1A0443 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 33       | 3       |
| 15BQ1A0443 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 37       | 3       |
| 15BQ1A0443 | RT31043 | CONTROL SYSTEMS                        | 24       | 28       | 3       |
| 15BQ1A0443 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 31       | 3       |
| 15BQ1A0443 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 29       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0443 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 44       | 2       |
| 15BQ1A0443 | RT31048 | LICA LAB                               | 21       | 48       | 2       |
| 15BQ1A0443 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 38       | 2       |
| 15BQ1A0444 | RT31016 | IPR & PATENTS                          | 25       | 24       | 2       |
| 15BQ1A0444 | RT31041 | PULSE & DIGITAL CIRCUITS               | 18       | 19       | 0       |
| 15BQ1A0444 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 21       | 24       | 3       |
| 15BQ1A0444 | RT31043 | CONTROL SYSTEMS                        | 20       | 15       | 0       |
| 15BQ1A0444 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 18       | 0       |
| 15BQ1A0444 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 25       | 25       | 3       |
| 15BQ1A0444 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 35       | 2       |
| 15BQ1A0444 | RT31048 | LICA LAB                               | 15       | 30       | 2       |
| 15BQ1A0444 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 25       | 2       |
| 15BQ1A0445 | RT31016 | IPR & PATENTS                          | 28       | 39       | 2       |
| 15BQ1A0445 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 30       | 3       |
| 15BQ1A0445 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 48       | 3       |
| 15BQ1A0445 | RT31043 | CONTROL SYSTEMS                        | 28       | 50       | 3       |
| 15BQ1A0445 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 47       | 3       |
| 15BQ1A0445 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 32       | 3       |
| 15BQ1A0445 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 41       | 2       |
| 15BQ1A0445 | RT31048 | LICA LAB                               | 24       | 48       | 2       |
| 15BQ1A0445 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 47       | 2       |
| 15BQ1A0446 | RT31016 | IPR & PATENTS                          | 28       | 37       | 2       |
| 15BQ1A0446 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 40       | 3       |
| 15BQ1A0446 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 46       | 3       |
| 15BQ1A0446 | RT31043 | CONTROL SYSTEMS                        | 27       | 57       | 3       |
| 15BQ1A0446 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 16       | 0       |
| 15BQ1A0446 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 41       | 3       |
| 15BQ1A0446 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 45       | 2       |
| 15BQ1A0446 | RT31048 | LICA LAB                               | 23       | 48       | 2       |
| 15BQ1A0446 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 49       | 2       |
| 15BQ1A0447 | RT31016 | IPR & PATENTS                          | 26       | 25       | 2       |
| 15BQ1A0447 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 33       | 3       |
| 15BQ1A0447 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 44       | 3       |
| 15BQ1A0447 | RT31043 | CONTROL SYSTEMS                        | 27       | 51       | 3       |
| 15BQ1A0447 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 40       | 3       |
| 15BQ1A0447 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 24       | 3       |
| 15BQ1A0447 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A0447 | RT31048 | LICA LAB                               | 20       | 42       | 2       |
| 15BQ1A0447 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 47       | 2       |
| 15BQ1A0448 | RT31016 | IPR & PATENTS                          | 28       | 35       | 2       |
| 15BQ1A0448 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 45       | 3       |
| 15BQ1A0448 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 47       | 3       |
| 15BQ1A0448 | RT31043 | CONTROL SYSTEMS                        | 24       | 30       | 3       |
| 15BQ1A0448 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 27       | 3       |
| 15BQ1A0448 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 38       | 3       |
| 15BQ1A0448 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A0448 | RT31048 | LICA LAB                               | 23       | 47       | 2       |
| 15BQ1A0448 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 49       | 2       |
| 15BQ1A0449 | RT31016 | IPR & PATENTS                          | 16       | 26       | 2       |
| 15BQ1A0449 | RT31041 | PULSE & DIGITAL CIRCUITS               | 21       | 14       | 0       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0449 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 18       | 6        | 0       |
| 15BQ1A0449 | RT31043 | CONTROL SYSTEMS                        | 21       | 12       | 0       |
| 15BQ1A0449 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 17       | 27       | 3       |
| 15BQ1A0449 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 19       | 35       | 3       |
| 15BQ1A0449 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 35       | 2       |
| 15BQ1A0449 | RT31048 | LICA LAB                               | 17       | 28       | 2       |
| 15BQ1A0449 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 29       | 2       |
| 15BQ1A0450 | RT31016 | IPR & PATENTS                          | 29       | 40       | 2       |
| 15BQ1A0450 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 34       | 3       |
| 15BQ1A0450 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 40       | 3       |
| 15BQ1A0450 | RT31043 | CONTROL SYSTEMS                        | 26       | 60       | 3       |
| 15BQ1A0450 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 11       | 0       |
| 15BQ1A0450 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 33       | 3       |
| 15BQ1A0450 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 44       | 2       |
| 15BQ1A0450 | RT31048 | LICA LAB                               | 24       | 49       | 2       |
| 15BQ1A0450 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 49       | 2       |
| 15BQ1A0451 | RT31016 | IPR & PATENTS                          | 28       | 39       | 2       |
| 15BQ1A0451 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 40       | 3       |
| 15BQ1A0451 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 44       | 3       |
| 15BQ1A0451 | RT31043 | CONTROL SYSTEMS                        | 29       | 46       | 3       |
| 15BQ1A0451 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 38       | 3       |
| 15BQ1A0451 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 43       | 3       |
| 15BQ1A0451 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 42       | 2       |
| 15BQ1A0451 | RT31048 | LICA LAB                               | 23       | 45       | 2       |
| 15BQ1A0451 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 47       | 2       |
| 15BQ1A0452 | RT31016 | IPR & PATENTS                          | 28       | 40       | 2       |
| 15BQ1A0452 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 37       | 3       |
| 15BQ1A0452 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 51       | 3       |
| 15BQ1A0452 | RT31043 | CONTROL SYSTEMS                        | 27       | 39       | 3       |
| 15BQ1A0452 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 28       | 3       |
| 15BQ1A0452 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 32       | 3       |
| 15BQ1A0452 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 43       | 2       |
| 15BQ1A0452 | RT31048 | LICA LAB                               | 22       | 46       | 2       |
| 15BQ1A0452 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 15BQ1A0453 | RT31016 | IPR & PATENTS                          | 29       | 36       | 2       |
| 15BQ1A0453 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 32       | 3       |
| 15BQ1A0453 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 49       | 3       |
| 15BQ1A0453 | RT31043 | CONTROL SYSTEMS                        | 29       | 32       | 3       |
| 15BQ1A0453 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 34       | 3       |
| 15BQ1A0453 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 29       | 3       |
| 15BQ1A0453 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 49       | 2       |
| 15BQ1A0453 | RT31048 | LICA LAB                               | 23       | 46       | 2       |
| 15BQ1A0453 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 46       | 2       |
| 15BQ1A0454 | RT31016 | IPR & PATENTS                          | 30       | 40       | 2       |
| 15BQ1A0454 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 36       | 3       |
| 15BQ1A0454 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 50       | 3       |
| 15BQ1A0454 | RT31043 | CONTROL SYSTEMS                        | 28       | 59       | 3       |
| 15BQ1A0454 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 29       | 3       |
| 15BQ1A0454 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 41       | 3       |
| 15BQ1A0454 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 50       | 2       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0454 | RT31048 | LICA LAB                               | 25       | 49       | 2       |
| 15BQ1A0454 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 15BQ1A0455 | RT31016 | IPR & PATENTS                          | 29       | 42       | 2       |
| 15BQ1A0455 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 42       | 3       |
| 15BQ1A0455 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | -1       | 0       |
| 15BQ1A0455 | RT31043 | CONTROL SYSTEMS                        | 29       | -1       | 0       |
| 15BQ1A0455 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | -1       | 0       |
| 15BQ1A0455 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 28       | 3       |
| 15BQ1A0455 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A0455 | RT31048 | LICA LAB                               | 23       | 47       | 2       |
| 15BQ1A0455 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 46       | 2       |
| 15BQ1A0456 | RT31016 | IPR & PATENTS                          | 27       | 29       | 2       |
| 15BQ1A0456 | RT31041 | PULSE & DIGITAL CIRCUITS               | 25       | 28       | 3       |
| 15BQ1A0456 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 46       | 3       |
| 15BQ1A0456 | RT31043 | CONTROL SYSTEMS                        | 25       | 33       | 3       |
| 15BQ1A0456 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 30       | 3       |
| 15BQ1A0456 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 34       | 3       |
| 15BQ1A0456 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 40       | 2       |
| 15BQ1A0456 | RT31048 | LICA LAB                               | 19       | 36       | 2       |
| 15BQ1A0456 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 37       | 2       |
| 15BQ1A0457 | RT31016 | IPR & PATENTS                          | 26       | 34       | 2       |
| 15BQ1A0457 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 36       | 3       |
| 15BQ1A0457 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 46       | 3       |
| 15BQ1A0457 | RT31043 | CONTROL SYSTEMS                        | 25       | 27       | 3       |
| 15BQ1A0457 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 30       | 3       |
| 15BQ1A0457 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 32       | 3       |
| 15BQ1A0457 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 42       | 2       |
| 15BQ1A0457 | RT31048 | LICA LAB                               | 21       | 43       | 2       |
| 15BQ1A0457 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 15BQ1A0458 | RT31016 | IPR & PATENTS                          | 28       | 33       | 2       |
| 15BQ1A0458 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 30       | 3       |
| 15BQ1A0458 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 46       | 3       |
| 15BQ1A0458 | RT31043 | CONTROL SYSTEMS                        | 26       | 49       | 3       |
| 15BQ1A0458 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 24       | 3       |
| 15BQ1A0458 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 24       | 3       |
| 15BQ1A0458 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A0458 | RT31048 | LICA LAB                               | 22       | 42       | 2       |
| 15BQ1A0458 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 47       | 2       |
| 15BQ1A0459 | RT31016 | IPR & PATENTS                          | 30       | 31       | 2       |
| 15BQ1A0459 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 24       | 3       |
| 15BQ1A0459 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 57       | 3       |
| 15BQ1A0459 | RT31043 | CONTROL SYSTEMS                        | 25       | 54       | 3       |
| 15BQ1A0459 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 42       | 3       |
| 15BQ1A0459 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 29       | 3       |
| 15BQ1A0459 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 46       | 2       |
| 15BQ1A0459 | RT31048 | LICA LAB                               | 21       | 44       | 2       |
| 15BQ1A0459 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 33       | 2       |
| 15BQ1A0460 | RT31016 | IPR & PATENTS                          | 28       | 29       | 2       |
| 15BQ1A0460 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 50       | 3       |
| 15BQ1A0460 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 39       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0460 | RT31043 | CONTROL SYSTEMS                        | 25       | 40       | 3       |
| 15BQ1A0460 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 37       | 3       |
| 15BQ1A0460 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 27       | 3       |
| 15BQ1A0460 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A0460 | RT31048 | LICA LAB                               | 21       | 46       | 2       |
| 15BQ1A0460 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 45       | 2       |
| 15BQ1A0461 | RT31016 | IPR & PATENTS                          | 20       | 26       | 2       |
| 15BQ1A0461 | RT31041 | PULSE & DIGITAL CIRCUITS               | 19       | 24       | 3       |
| 15BQ1A0461 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 17       | 38       | 3       |
| 15BQ1A0461 | RT31043 | CONTROL SYSTEMS                        | 21       | 30       | 3       |
| 15BQ1A0461 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 24       | 30       | 3       |
| 15BQ1A0461 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 19       | 26       | 3       |
| 15BQ1A0461 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 43       | 2       |
| 15BQ1A0461 | RT31048 | LICA LAB                               | 18       | 35       | 2       |
| 15BQ1A0461 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 45       | 2       |
| 15BQ1A0462 | RT31016 | IPR & PATENTS                          | 26       | 38       | 2       |
| 15BQ1A0462 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 32       | 3       |
| 15BQ1A0462 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 22       | 40       | 3       |
| 15BQ1A0462 | RT31043 | CONTROL SYSTEMS                        | 27       | 45       | 3       |
| 15BQ1A0462 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 32       | 3       |
| 15BQ1A0462 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 25       | 26       | 3       |
| 15BQ1A0462 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 42       | 2       |
| 15BQ1A0462 | RT31048 | LICA LAB                               | 22       | 45       | 2       |
| 15BQ1A0462 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 20       | 44       | 2       |
| 15BQ1A0463 | RT31016 | IPR & PATENTS                          | 27       | 27       | 2       |
| 15BQ1A0463 | RT31041 | PULSE & DIGITAL CIRCUITS               | 22       | 24       | 3       |
| 15BQ1A0463 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 18       | 49       | 3       |
| 15BQ1A0463 | RT31043 | CONTROL SYSTEMS                        | 21       | 18       | 0       |
| 15BQ1A0463 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 24       | 24       | 3       |
| 15BQ1A0463 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 22       | 7        | 0       |
| 15BQ1A0463 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 19       | 40       | 2       |
| 15BQ1A0463 | RT31048 | LICA LAB                               | 21       | 42       | 2       |
| 15BQ1A0463 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 30       | 2       |
| 15BQ1A0464 | RT31016 | IPR & PATENTS                          | 30       | 40       | 2       |
| 15BQ1A0464 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 53       | 3       |
| 15BQ1A0464 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 61       | 3       |
| 15BQ1A0464 | RT31043 | CONTROL SYSTEMS                        | 28       | 41       | 3       |
| 15BQ1A0464 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 44       | 3       |
| 15BQ1A0464 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 61       | 3       |
| 15BQ1A0464 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 50       | 2       |
| 15BQ1A0464 | RT31048 | LICA LAB                               | 23       | 47       | 2       |
| 15BQ1A0464 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 48       | 2       |
| 15BQ1A0465 | RT31016 | IPR & PATENTS                          | 18       | 34       | 2       |
| 15BQ1A0465 | RT31041 | PULSE & DIGITAL CIRCUITS               | 18       | 13       | 0       |
| 15BQ1A0465 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 18       | 28       | 3       |
| 15BQ1A0465 | RT31043 | CONTROL SYSTEMS                        | 18       | 8        | 0       |
| 15BQ1A0465 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 20       | 9        | 0       |
| 15BQ1A0465 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 18       | 0        | 0       |
| 15BQ1A0465 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 17       | 30       | 2       |
| 15BQ1A0465 | RT31048 | LICA LAB                               | 17       | 30       | 2       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
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| 15BQ1A0465 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 20       | 27       | 2       |
| 15BQ1A0466 | RT31016 | IPR & PATENTS                          | 29       | 40       | 2       |
| 15BQ1A0466 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 37       | 3       |
| 15BQ1A0466 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 38       | 3       |
| 15BQ1A0466 | RT31043 | CONTROL SYSTEMS                        | 26       | 58       | 3       |
| 15BQ1A0466 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 64       | 3       |
| 15BQ1A0466 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 25       | 3       |
| 15BQ1A0466 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 48       | 2       |
| 15BQ1A0466 | RT31048 | LICA LAB                               | 24       | 48       | 2       |
| 15BQ1A0466 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 48       | 2       |
| 15BQ1A0467 | RT31016 | IPR & PATENTS                          | 21       | 26       | 2       |
| 15BQ1A0467 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 16       | 0       |
| 15BQ1A0467 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 20       | 45       | 3       |
| 15BQ1A0467 | RT31043 | CONTROL SYSTEMS                        | 20       | 33       | 3       |
| 15BQ1A0467 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 18       | 0       |
| 15BQ1A0467 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 24       | 3       |
| 15BQ1A0467 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 38       | 2       |
| 15BQ1A0467 | RT31048 | LICA LAB                               | 20       | 41       | 2       |
| 15BQ1A0467 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 45       | 2       |
| 15BQ1A0468 | RT31016 | IPR & PATENTS                          | 30       | 35       | 2       |
| 15BQ1A0468 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 53       | 3       |
| 15BQ1A0468 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 56       | 3       |
| 15BQ1A0468 | RT31043 | CONTROL SYSTEMS                        | 28       | 40       | 3       |
| 15BQ1A0468 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 43       | 3       |
| 15BQ1A0468 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 23       | 38       | 3       |
| 15BQ1A0468 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A0468 | RT31048 | LICA LAB                               | 24       | 47       | 2       |
| 15BQ1A0468 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 47       | 2       |
| 15BQ1A0469 | RT31016 | IPR & PATENTS                          | 29       | 34       | 2       |
| 15BQ1A0469 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 57       | 3       |
| 15BQ1A0469 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 51       | 3       |
| 15BQ1A0469 | RT31043 | CONTROL SYSTEMS                        | 29       | 63       | 3       |
| 15BQ1A0469 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 69       | 3       |
| 15BQ1A0469 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 39       | 3       |
| 15BQ1A0469 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 50       | 2       |
| 15BQ1A0469 | RT31048 | LICA LAB                               | 23       | 46       | 2       |
| 15BQ1A0469 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 47       | 2       |
| 15BQ1A0470 | RT31016 | IPR & PATENTS                          | 17       | 36       | 2       |
| 15BQ1A0470 | RT31041 | PULSE & DIGITAL CIRCUITS               | 18       | 7        | 0       |
| 15BQ1A0470 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 16       | 29       | 3       |
| 15BQ1A0470 | RT31043 | CONTROL SYSTEMS                        | 19       | 0        | 0       |
| 15BQ1A0470 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 20       | 16       | 0       |
| 15BQ1A0470 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 17       | 10       | 0       |
| 15BQ1A0470 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 17       | 26       | 2       |
| 15BQ1A0470 | RT31048 | LICA LAB                               | 17       | 20       | 2       |
| 15BQ1A0470 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 20       | 27       | 2       |
| 15BQ1A0471 | RT31016 | IPR & PATENTS                          | 30       | 42       | 2       |
| 15BQ1A0471 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 43       | 3       |
| 15BQ1A0471 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 65       | 3       |
| 15BQ1A0471 | RT31043 | CONTROL SYSTEMS                        | 30       | 52       | 3       |



| Htno       | Subcode | Subname                                | Internal | External | Credits |
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| 15BQ1A0471 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 38       | 3       |
| 15BQ1A0471 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 35       | 3       |
| 15BQ1A0471 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 48       | 2       |
| 15BQ1A0471 | RT31048 | LICA LAB                               | 25       | 47       | 2       |
| 15BQ1A0471 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 48       | 2       |
| 15BQ1A0472 | RT31016 | IPR & PATENTS                          | 27       | 34       | 2       |
| 15BQ1A0472 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 56       | 3       |
| 15BQ1A0472 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 58       | 3       |
| 15BQ1A0472 | RT31043 | CONTROL SYSTEMS                        | 25       | 38       | 3       |
| 15BQ1A0472 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 25       | 38       | 3       |
| 15BQ1A0472 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 41       | 3       |
| 15BQ1A0472 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 48       | 2       |
| 15BQ1A0472 | RT31048 | LICA LAB                               | 21       | 43       | 2       |
| 15BQ1A0472 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 46       | 2       |
| 15BQ1A0473 | RT31016 | IPR & PATENTS                          | 23       | 30       | 2       |
| 15BQ1A0473 | RT31041 | PULSE & DIGITAL CIRCUITS               | 19       | 14       | 0       |
| 15BQ1A0473 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 18       | 41       | 3       |
| 15BQ1A0473 | RT31043 | CONTROL SYSTEMS                        | 23       | 11       | 0       |
| 15BQ1A0473 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 20       | 31       | 3       |
| 15BQ1A0473 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 20       | 16       | 0       |
| 15BQ1A0473 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 36       | 2       |
| 15BQ1A0473 | RT31048 | LICA LAB                               | 15       | 31       | 2       |
| 15BQ1A0473 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 25       | 2       |
| 15BQ1A0474 | RT31016 | IPR & PATENTS                          | 25       | 42       | 2       |
| 15BQ1A0474 | RT31041 | PULSE & DIGITAL CIRCUITS               | 23       | 35       | 3       |
| 15BQ1A0474 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 40       | 3       |
| 15BQ1A0474 | RT31043 | CONTROL SYSTEMS                        | 25       | 42       | 3       |
| 15BQ1A0474 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 43       | 3       |
| 15BQ1A0474 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 29       | 3       |
| 15BQ1A0474 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 44       | 2       |
| 15BQ1A0474 | RT31048 | LICA LAB                               | 21       | 40       | 2       |
| 15BQ1A0474 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 40       | 2       |
| 15BQ1A0475 | RT31016 | IPR & PATENTS                          | 24       | 26       | 2       |
| 15BQ1A0475 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 29       | 3       |
| 15BQ1A0475 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 49       | 3       |
| 15BQ1A0475 | RT31043 | CONTROL SYSTEMS                        | 24       | 38       | 3       |
| 15BQ1A0475 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 24       | 3       |
| 15BQ1A0475 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 28       | 3       |
| 15BQ1A0475 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 45       | 2       |
| 15BQ1A0475 | RT31048 | LICA LAB                               | 23       | 48       | 2       |
| 15BQ1A0475 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 45       | 2       |
| 15BQ1A0476 | RT31016 | IPR & PATENTS                          | 30       | 28       | 2       |
| 15BQ1A0476 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 51       | 3       |
| 15BQ1A0476 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 61       | 3       |
| 15BQ1A0476 | RT31043 | CONTROL SYSTEMS                        | 30       | 45       | 3       |
| 15BQ1A0476 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 50       | 3       |
| 15BQ1A0476 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 38       | 3       |
| 15BQ1A0476 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 49       | 2       |
| 15BQ1A0476 | RT31048 | LICA LAB                               | 24       | 46       | 2       |
| 15BQ1A0476 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 45       | 2       |

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| 15BQ1A0477 | RT31016 | IPR & PATENTS                          | 29       | 30       | 2       |
| 15BQ1A0477 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 52       | 3       |
| 15BQ1A0477 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 49       | 3       |
| 15BQ1A0477 | RT31043 | CONTROL SYSTEMS                        | 28       | 37       | 3       |
| 15BQ1A0477 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 41       | 3       |
| 15BQ1A0477 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 27       | 3       |
| 15BQ1A0477 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A0477 | RT31048 | LICA LAB                               | 22       | 49       | 2       |
| 15BQ1A0477 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 46       | 2       |
| 15BQ1A0478 | RT31016 | IPR & PATENTS                          | 27       | 55       | 2       |
| 15BQ1A0478 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 28       | 3       |
| 15BQ1A0478 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 36       | 3       |
| 15BQ1A0478 | RT31043 | CONTROL SYSTEMS                        | 22       | 47       | 3       |
| 15BQ1A0478 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 15       | 0       |
| 15BQ1A0478 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 40       | 3       |
| 15BQ1A0478 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 44       | 2       |
| 15BQ1A0478 | RT31048 | LICA LAB                               | 24       | 47       | 2       |
| 15BQ1A0478 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 35       | 2       |
| 15BQ1A0479 | RT31016 | IPR & PATENTS                          | 30       | 42       | 2       |
| 15BQ1A0479 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 41       | 3       |
| 15BQ1A0479 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 44       | 3       |
| 15BQ1A0479 | RT31043 | CONTROL SYSTEMS                        | 28       | 45       | 3       |
| 15BQ1A0479 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 46       | 3       |
| 15BQ1A0479 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 35       | 3       |
| 15BQ1A0479 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A0479 | RT31048 | LICA LAB                               | 24       | 48       | 2       |
| 15BQ1A0479 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 48       | 2       |
| 15BQ1A0480 | RT31016 | IPR & PATENTS                          | 30       | 46       | 2       |
| 15BQ1A0480 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 39       | 3       |
| 15BQ1A0480 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 67       | 3       |
| 15BQ1A0480 | RT31043 | CONTROL SYSTEMS                        | 28       | 42       | 3       |
| 15BQ1A0480 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 36       | 3       |
| 15BQ1A0480 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 37       | 3       |
| 15BQ1A0480 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 48       | 2       |
| 15BQ1A0480 | RT31048 | LICA LAB                               | 24       | 49       | 2       |
| 15BQ1A0480 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 45       | 2       |
| 15BQ1A0481 | RT31016 | IPR & PATENTS                          | 30       | 36       | 2       |
| 15BQ1A0481 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 70       | 3       |
| 15BQ1A0481 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 50       | 3       |
| 15BQ1A0481 | RT31043 | CONTROL SYSTEMS                        | 30       | 63       | 3       |
| 15BQ1A0481 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 47       | 3       |
| 15BQ1A0481 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 33       | 3       |
| 15BQ1A0481 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 46       | 2       |
| 15BQ1A0481 | RT31048 | LICA LAB                               | 23       | 47       | 2       |
| 15BQ1A0481 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 45       | 2       |
| 15BQ1A0482 | RT31016 | IPR & PATENTS                          | 23       | 51       | 2       |
| 15BQ1A0482 | RT31041 | PULSE & DIGITAL CIRCUITS               | 20       | 15       | 0       |
| 15BQ1A0482 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 20       | 30       | 3       |
| 15BQ1A0482 | RT31043 | CONTROL SYSTEMS                        | 26       | 44       | 3       |
| 15BQ1A0482 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 22       | 11       | 0       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
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| 15BQ1A0482 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 24       | 24       | 3       |
| 15BQ1A0482 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 19       | 30       | 2       |
| 15BQ1A0482 | RT31048 | LICA LAB                               | 15       | 31       | 2       |
| 15BQ1A0482 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 20       | 44       | 2       |
| 15BQ1A0483 | RT31016 | IPR & PATENTS                          | 24       | 26       | 2       |
| 15BQ1A0483 | RT31041 | PULSE & DIGITAL CIRCUITS               | 21       | 34       | 3       |
| 15BQ1A0483 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 20       | 44       | 3       |
| 15BQ1A0483 | RT31043 | CONTROL SYSTEMS                        | 22       | 38       | 3       |
| 15BQ1A0483 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 23       | 38       | 3       |
| 15BQ1A0483 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 32       | 3       |
| 15BQ1A0483 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 40       | 2       |
| 15BQ1A0483 | RT31048 | LICA LAB                               | 19       | 38       | 2       |
| 15BQ1A0483 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 20       | 29       | 2       |
| 15BQ1A0484 | RT31016 | IPR & PATENTS                          | 24       | 43       | 2       |
| 15BQ1A0484 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 50       | 3       |
| 15BQ1A0484 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 58       | 3       |
| 15BQ1A0484 | RT31043 | CONTROL SYSTEMS                        | 27       | 37       | 3       |
| 15BQ1A0484 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 38       | 3       |
| 15BQ1A0484 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 22       | 38       | 3       |
| 15BQ1A0484 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A0484 | RT31048 | LICA LAB                               | 23       | 45       | 2       |
| 15BQ1A0484 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 43       | 2       |
| 15BQ1A0485 | RT31016 | IPR & PATENTS                          | 23       | 30       | 2       |
| 15BQ1A0485 | RT31041 | PULSE & DIGITAL CIRCUITS               | 25       | 24       | 3       |
| 15BQ1A0485 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 20       | 29       | 3       |
| 15BQ1A0485 | RT31043 | CONTROL SYSTEMS                        | 22       | 27       | 3       |
| 15BQ1A0485 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 12       | 0       |
| 15BQ1A0485 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 22       | 26       | 3       |
| 15BQ1A0485 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 40       | 2       |
| 15BQ1A0485 | RT31048 | LICA LAB                               | 20       | 40       | 2       |
| 15BQ1A0485 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 49       | 2       |
| 15BQ1A0486 | RT31016 | IPR & PATENTS                          | 29       | 56       | 2       |
| 15BQ1A0486 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 45       | 3       |
| 15BQ1A0486 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 48       | 3       |
| 15BQ1A0486 | RT31043 | CONTROL SYSTEMS                        | 25       | 38       | 3       |
| 15BQ1A0486 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 29       | 3       |
| 15BQ1A0486 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 44       | 3       |
| 15BQ1A0486 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 44       | 2       |
| 15BQ1A0486 | RT31048 | LICA LAB                               | 21       | 44       | 2       |
| 15BQ1A0486 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 45       | 2       |
| 15BQ1A0487 | RT31016 | IPR & PATENTS                          | 27       | 43       | 2       |
| 15BQ1A0487 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 41       | 3       |
| 15BQ1A0487 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 34       | 3       |
| 15BQ1A0487 | RT31043 | CONTROL SYSTEMS                        | 24       | 54       | 3       |
| 15BQ1A0487 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 36       | 3       |
| 15BQ1A0487 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 35       | 3       |
| 15BQ1A0487 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 40       | 2       |
| 15BQ1A0487 | RT31048 | LICA LAB                               | 22       | 43       | 2       |
| 15BQ1A0487 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 48       | 2       |
| 15BQ1A0488 | RT31016 | IPR & PATENTS                          | 22       | 35       | 2       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0488 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 43       | 3       |
| 15BQ1A0488 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 49       | 3       |
| 15BQ1A0488 | RT31043 | CONTROL SYSTEMS                        | 19       | 34       | 3       |
| 15BQ1A0488 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 27       | 3       |
| 15BQ1A0488 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 23       | 42       | 3       |
| 15BQ1A0488 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 40       | 2       |
| 15BQ1A0488 | RT31048 | LICA LAB                               | 23       | 42       | 2       |
| 15BQ1A0488 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 15BQ1A0489 | RT31016 | IPR & PATENTS                          | 27       | 26       | 2       |
| 15BQ1A0489 | RT31041 | PULSE & DIGITAL CIRCUITS               | 25       | 48       | 3       |
| 15BQ1A0489 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 50       | 3       |
| 15BQ1A0489 | RT31043 | CONTROL SYSTEMS                        | 25       | 56       | 3       |
| 15BQ1A0489 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 44       | 3       |
| 15BQ1A0489 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 44       | 3       |
| 15BQ1A0489 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 46       | 2       |
| 15BQ1A0489 | RT31048 | LICA LAB                               | 23       | 45       | 2       |
| 15BQ1A0489 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 49       | 2       |
| 15BQ1A0490 | RT31016 | IPR & PATENTS                          | 29       | 38       | 2       |
| 15BQ1A0490 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 45       | 3       |
| 15BQ1A0490 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 46       | 3       |
| 15BQ1A0490 | RT31043 | CONTROL SYSTEMS                        | 29       | 48       | 3       |
| 15BQ1A0490 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 56       | 3       |
| 15BQ1A0490 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 44       | 3       |
| 15BQ1A0490 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A0490 | RT31048 | LICA LAB                               | 23       | 48       | 2       |
| 15BQ1A0490 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 48       | 2       |
| 15BQ1A0491 | RT31016 | IPR & PATENTS                          | 29       | 38       | 2       |
| 15BQ1A0491 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 46       | 3       |
| 15BQ1A0491 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 51       | 3       |
| 15BQ1A0491 | RT31043 | CONTROL SYSTEMS                        | 27       | 46       | 3       |
| 15BQ1A0491 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 35       | 3       |
| 15BQ1A0491 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 24       | 3       |
| 15BQ1A0491 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 42       | 2       |
| 15BQ1A0491 | RT31048 | LICA LAB                               | 20       | 47       | 2       |
| 15BQ1A0491 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 47       | 2       |
| 15BQ1A0492 | RT31016 | IPR & PATENTS                          | 22       | 27       | 2       |
| 15BQ1A0492 | RT31041 | PULSE & DIGITAL CIRCUITS               | 20       | 28       | 3       |
| 15BQ1A0492 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 19       | 31       | 3       |
| 15BQ1A0492 | RT31043 | CONTROL SYSTEMS                        | 20       | 33       | 3       |
| 15BQ1A0492 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 25       | 16       | 0       |
| 15BQ1A0492 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 20       | 12       | 0       |
| 15BQ1A0492 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 19       | 38       | 2       |
| 15BQ1A0492 | RT31048 | LICA LAB                               | 14       | 34       | 2       |
| 15BQ1A0492 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 42       | 2       |
| 15BQ1A0493 | RT31016 | IPR & PATENTS                          | 26       | 28       | 2       |
| 15BQ1A0493 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 30       | 3       |
| 15BQ1A0493 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 22       | 47       | 3       |
| 15BQ1A0493 | RT31043 | CONTROL SYSTEMS                        | 26       | 38       | 3       |
| 15BQ1A0493 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 30       | 3       |
| 15BQ1A0493 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 25       | 34       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0493 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 43       | 2       |
| 15BQ1A0493 | RT31048 | LICA LAB                               | 19       | 40       | 2       |
| 15BQ1A0493 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 41       | 2       |
| 15BQ1A0494 | RT31016 | IPR & PATENTS                          | 26       | 52       | 2       |
| 15BQ1A0494 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 35       | 3       |
| 15BQ1A0494 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 40       | 3       |
| 15BQ1A0494 | RT31043 | CONTROL SYSTEMS                        | 23       | 25       | 3       |
| 15BQ1A0494 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 37       | 3       |
| 15BQ1A0494 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 23       | 30       | 3       |
| 15BQ1A0494 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 42       | 2       |
| 15BQ1A0494 | RT31048 | LICA LAB                               | 21       | 43       | 2       |
| 15BQ1A0494 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 19       | 47       | 2       |
| 15BQ1A0495 | RT31016 | IPR & PATENTS                          | 30       | 47       | 2       |
| 15BQ1A0495 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 48       | 3       |
| 15BQ1A0495 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 56       | 3       |
| 15BQ1A0495 | RT31043 | CONTROL SYSTEMS                        | 29       | 64       | 3       |
| 15BQ1A0495 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 49       | 3       |
| 15BQ1A0495 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 44       | 3       |
| 15BQ1A0495 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 50       | 2       |
| 15BQ1A0495 | RT31048 | LICA LAB                               | 25       | 50       | 2       |
| 15BQ1A0495 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 49       | 2       |
| 15BQ1A0496 | RT31016 | IPR & PATENTS                          | 30       | 41       | 2       |
| 15BQ1A0496 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 37       | 3       |
| 15BQ1A0496 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 62       | 3       |
| 15BQ1A0496 | RT31043 | CONTROL SYSTEMS                        | 27       | 35       | 3       |
| 15BQ1A0496 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 37       | 3       |
| 15BQ1A0496 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 34       | 3       |
| 15BQ1A0496 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 46       | 2       |
| 15BQ1A0496 | RT31048 | LICA LAB                               | 23       | 46       | 2       |
| 15BQ1A0496 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 48       | 2       |
| 15BQ1A0497 | RT31016 | IPR & PATENTS                          | 9        | 33       | 2       |
| 15BQ1A0497 | RT31041 | PULSE & DIGITAL CIRCUITS               | 13       | 7        | 0       |
| 15BQ1A0497 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 16       | 9        | 0       |
| 15BQ1A0497 | RT31043 | CONTROL SYSTEMS                        | 18       | 4        | 0       |
| 15BQ1A0497 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 19       | 15       | 0       |
| 15BQ1A0497 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 17       | 0        | 0       |
| 15BQ1A0497 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 12       | -1       | 0       |
| 15BQ1A0497 | RT31048 | LICA LAB                               | 12       | 5        | 0       |
| 15BQ1A0497 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 17       | 26       | 2       |
| 15BQ1A0498 | RT31016 | IPR & PATENTS                          | 26       | 40       | 2       |
| 15BQ1A0498 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 43       | 3       |
| 15BQ1A0498 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 39       | 3       |
| 15BQ1A0498 | RT31043 | CONTROL SYSTEMS                        | 27       | 45       | 3       |
| 15BQ1A0498 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 46       | 3       |
| 15BQ1A0498 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 29       | 3       |
| 15BQ1A0498 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 47       | 2       |
| 15BQ1A0498 | RT31048 | LICA LAB                               | 23       | 46       | 2       |
| 15BQ1A0498 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 48       | 2       |
| 15BQ1A0499 | RT31016 | IPR & PATENTS                          | 27       | 36       | 2       |
| 15BQ1A0499 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 28       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0499 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 44       | 3       |
| 15BQ1A0499 | RT31043 | CONTROL SYSTEMS                        | 27       | 42       | 3       |
| 15BQ1A0499 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 37       | 3       |
| 15BQ1A0499 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 25       | 3       |
| 15BQ1A0499 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 48       | 2       |
| 15BQ1A0499 | RT31048 | LICA LAB                               | 22       | 42       | 2       |
| 15BQ1A0499 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 43       | 2       |
| 15BQ1A04A0 | RT31016 | IPR & PATENTS                          | 28       | 36       | 2       |
| 15BQ1A04A0 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 38       | 3       |
| 15BQ1A04A0 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 54       | 3       |
| 15BQ1A04A0 | RT31043 | CONTROL SYSTEMS                        | 27       | 34       | 3       |
| 15BQ1A04A0 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 24       | 3       |
| 15BQ1A04A0 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 30       | 3       |
| 15BQ1A04A0 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 44       | 2       |
| 15BQ1A04A0 | RT31048 | LICA LAB                               | 21       | 41       | 2       |
| 15BQ1A04A0 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 45       | 2       |
| 15BQ1A04A1 | RT31016 | IPR & PATENTS                          | 27       | 46       | 2       |
| 15BQ1A04A1 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 24       | 3       |
| 15BQ1A04A1 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 21       | 47       | 3       |
| 15BQ1A04A1 | RT31043 | CONTROL SYSTEMS                        | 22       | 43       | 3       |
| 15BQ1A04A1 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 25       | 40       | 3       |
| 15BQ1A04A1 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 29       | 3       |
| 15BQ1A04A1 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 19       | 38       | 2       |
| 15BQ1A04A1 | RT31048 | LICA LAB                               | 23       | 40       | 2       |
| 15BQ1A04A1 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 43       | 2       |
| 15BQ1A04A2 | RT31016 | IPR & PATENTS                          | 23       | 37       | 2       |
| 15BQ1A04A2 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 18       | 0       |
| 15BQ1A04A2 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 17       | 25       | 3       |
| 15BQ1A04A2 | RT31043 | CONTROL SYSTEMS                        | 21       | 25       | 3       |
| 15BQ1A04A2 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 21       | 28       | 3       |
| 15BQ1A04A2 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 24       | 3       |
| 15BQ1A04A2 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 40       | 2       |
| 15BQ1A04A2 | RT31048 | LICA LAB                               | 20       | 39       | 2       |
| 15BQ1A04A2 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 43       | 2       |
| 15BQ1A04A3 | RT31016 | IPR & PATENTS                          | 29       | 35       | 2       |
| 15BQ1A04A3 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 38       | 3       |
| 15BQ1A04A3 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 27       | 3       |
| 15BQ1A04A3 | RT31043 | CONTROL SYSTEMS                        | 26       | 17       | 0       |
| 15BQ1A04A3 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 27       | 3       |
| 15BQ1A04A3 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 24       | 10       | 0       |
| 15BQ1A04A3 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 45       | 2       |
| 15BQ1A04A3 | RT31048 | LICA LAB                               | 20       | 42       | 2       |
| 15BQ1A04A3 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 48       | 2       |
| 15BQ1A04A4 | RT31016 | IPR & PATENTS                          | 24       | 40       | 2       |
| 15BQ1A04A4 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 27       | 3       |
| 15BQ1A04A4 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 24       | 3       |
| 15BQ1A04A4 | RT31043 | CONTROL SYSTEMS                        | 27       | 25       | 3       |
| 15BQ1A04A4 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 29       | 3       |
| 15BQ1A04A4 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 25       | 32       | 3       |
| 15BQ1A04A4 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 44       | 2       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A04A4 | RT31048 | LICA LAB                               | 21       | 39       | 2       |
| 15BQ1A04A4 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 44       | 2       |
| 15BQ1A04A5 | RT31016 | IPR & PATENTS                          | 29       | 46       | 2       |
| 15BQ1A04A5 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 36       | 3       |
| 15BQ1A04A5 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 50       | 3       |
| 15BQ1A04A5 | RT31043 | CONTROL SYSTEMS                        | 28       | 50       | 3       |
| 15BQ1A04A5 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 42       | 3       |
| 15BQ1A04A5 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 28       | 3       |
| 15BQ1A04A5 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A04A5 | RT31048 | LICA LAB                               | 21       | 40       | 2       |
| 15BQ1A04A5 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 41       | 2       |
| 15BQ1A04A6 | RT31016 | IPR & PATENTS                          | 27       | 38       | 2       |
| 15BQ1A04A6 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 43       | 3       |
| 15BQ1A04A6 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 47       | 3       |
| 15BQ1A04A6 | RT31043 | CONTROL SYSTEMS                        | 26       | 40       | 3       |
| 15BQ1A04A6 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 33       | 3       |
| 15BQ1A04A6 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 24       | 34       | 3       |
| 15BQ1A04A6 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 43       | 2       |
| 15BQ1A04A6 | RT31048 | LICA LAB                               | 21       | 43       | 2       |
| 15BQ1A04A6 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 46       | 2       |
| 15BQ1A04A7 | RT31016 | IPR & PATENTS                          | 27       | 35       | 2       |
| 15BQ1A04A7 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 24       | 3       |
| 15BQ1A04A7 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 34       | 3       |
| 15BQ1A04A7 | RT31043 | CONTROL SYSTEMS                        | 24       | 35       | 3       |
| 15BQ1A04A7 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 35       | 3       |
| 15BQ1A04A7 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 24       | 3       |
| 15BQ1A04A7 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 44       | 2       |
| 15BQ1A04A7 | RT31048 | LICA LAB                               | 23       | 45       | 2       |
| 15BQ1A04A7 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 42       | 2       |
| 15BQ1A04A8 | RT31016 | IPR & PATENTS                          | 28       | 33       | 2       |
| 15BQ1A04A8 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 32       | 3       |
| 15BQ1A04A8 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 49       | 3       |
| 15BQ1A04A8 | RT31043 | CONTROL SYSTEMS                        | 26       | 24       | 3       |
| 15BQ1A04A8 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 25       | 3       |
| 15BQ1A04A8 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 24       | 34       | 3       |
| 15BQ1A04A8 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 41       | 2       |
| 15BQ1A04A8 | RT31048 | LICA LAB                               | 21       | 42       | 2       |
| 15BQ1A04A8 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 45       | 2       |
| 15BQ1A04A9 | RT31016 | IPR & PATENTS                          | 27       | 51       | 2       |
| 15BQ1A04A9 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 33       | 3       |
| 15BQ1A04A9 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 45       | 3       |
| 15BQ1A04A9 | RT31043 | CONTROL SYSTEMS                        | 26       | 46       | 3       |
| 15BQ1A04A9 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 28       | 3       |
| 15BQ1A04A9 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 27       | 3       |
| 15BQ1A04A9 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A04A9 | RT31048 | LICA LAB                               | 22       | 45       | 2       |
| 15BQ1A04A9 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 44       | 2       |
| 15BQ1A04B0 | RT31016 | IPR & PATENTS                          | 30       | 38       | 2       |
| 15BQ1A04B0 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 26       | 3       |
| 15BQ1A04B0 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 51       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A04B0 | RT31043 | CONTROL SYSTEMS                        | 28       | 33       | 3       |
| 15BQ1A04B0 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 8        | 0       |
| 15BQ1A04B0 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 24       | 24       | 3       |
| 15BQ1A04B0 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A04B0 | RT31048 | LICA LAB                               | 22       | 45       | 2       |
| 15BQ1A04B0 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 43       | 2       |
| 15BQ1A04B1 | RT31016 | IPR & PATENTS                          | 27       | 36       | 2       |
| 15BQ1A04B1 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 29       | 3       |
| 15BQ1A04B1 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 22       | 32       | 3       |
| 15BQ1A04B1 | RT31043 | CONTROL SYSTEMS                        | 27       | 37       | 3       |
| 15BQ1A04B1 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 41       | 3       |
| 15BQ1A04B1 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 24       | 3       |
| 15BQ1A04B1 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 40       | 2       |
| 15BQ1A04B1 | RT31048 | LICA LAB                               | 22       | 43       | 2       |
| 15BQ1A04B1 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 42       | 2       |
| 15BQ1A04B2 | RT31016 | IPR & PATENTS                          | 27       | 38       | 2       |
| 15BQ1A04B2 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 49       | 3       |
| 15BQ1A04B2 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 24       | 3       |
| 15BQ1A04B2 | RT31043 | CONTROL SYSTEMS                        | 26       | 34       | 3       |
| 15BQ1A04B2 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 25       | 37       | 3       |
| 15BQ1A04B2 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 37       | 3       |
| 15BQ1A04B2 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 42       | 2       |
| 15BQ1A04B2 | RT31048 | LICA LAB                               | 23       | 45       | 2       |
| 15BQ1A04B2 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 15BQ1A04B3 | RT31016 | IPR & PATENTS                          | 23       | 40       | 2       |
| 15BQ1A04B3 | RT31041 | PULSE & DIGITAL CIRCUITS               | 23       | 29       | 3       |
| 15BQ1A04B3 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 21       | 48       | 3       |
| 15BQ1A04B3 | RT31043 | CONTROL SYSTEMS                        | 21       | 42       | 3       |
| 15BQ1A04B3 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 21       | 34       | 3       |
| 15BQ1A04B3 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 18       | 24       | 3       |
| 15BQ1A04B3 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 42       | 2       |
| 15BQ1A04B3 | RT31048 | LICA LAB                               | 20       | 40       | 2       |
| 15BQ1A04B3 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 46       | 2       |
| 15BQ1A04B4 | RT31016 | IPR & PATENTS                          | 28       | 40       | 2       |
| 15BQ1A04B4 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 36       | 3       |
| 15BQ1A04B4 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 50       | 3       |
| 15BQ1A04B4 | RT31043 | CONTROL SYSTEMS                        | 25       | 35       | 3       |
| 15BQ1A04B4 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 45       | 3       |
| 15BQ1A04B4 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 41       | 3       |
| 15BQ1A04B4 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A04B4 | RT31048 | LICA LAB                               | 21       | 47       | 2       |
| 15BQ1A04B4 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 15BQ1A04B5 | RT31016 | IPR & PATENTS                          | 26       | 41       | 2       |
| 15BQ1A04B5 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 50       | 3       |
| 15BQ1A04B5 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 58       | 3       |
| 15BQ1A04B5 | RT31043 | CONTROL SYSTEMS                        | 29       | 51       | 3       |
| 15BQ1A04B5 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 51       | 3       |
| 15BQ1A04B5 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 24       | 3       |
| 15BQ1A04B5 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 47       | 2       |
| 15BQ1A04B5 | RT31048 | LICA LAB                               | 23       | 43       | 2       |



| Htno       | Subcode | Subname                                | Internal | External | Credits |
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| 15BQ1A04B5 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 48       | 2       |
| 15BQ1A04B6 | RT31016 | IPR & PATENTS                          | 30       | 41       | 2       |
| 15BQ1A04B6 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 38       | 3       |
| 15BQ1A04B6 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 56       | 3       |
| 15BQ1A04B6 | RT31043 | CONTROL SYSTEMS                        | 28       | 34       | 3       |
| 15BQ1A04B6 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 29       | 3       |
| 15BQ1A04B6 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 37       | 3       |
| 15BQ1A04B6 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 47       | 2       |
| 15BQ1A04B6 | RT31048 | LICA LAB                               | 23       | 47       | 2       |
| 15BQ1A04B6 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 15BQ1A04B7 | RT31016 | IPR & PATENTS                          | 29       | 41       | 2       |
| 15BQ1A04B7 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 48       | 3       |
| 15BQ1A04B7 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 54       | 3       |
| 15BQ1A04B7 | RT31043 | CONTROL SYSTEMS                        | 27       | 54       | 3       |
| 15BQ1A04B7 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 41       | 3       |
| 15BQ1A04B7 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 37       | 3       |
| 15BQ1A04B7 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 43       | 2       |
| 15BQ1A04B7 | RT31048 | LICA LAB                               | 19       | 41       | 2       |
| 15BQ1A04B7 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 49       | 2       |
| 15BQ1A04B8 | RT31016 | IPR & PATENTS                          | 29       | 36       | 2       |
| 15BQ1A04B8 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 32       | 3       |
| 15BQ1A04B8 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 44       | 3       |
| 15BQ1A04B8 | RT31043 | CONTROL SYSTEMS                        | 25       | 52       | 3       |
| 15BQ1A04B8 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 49       | 3       |
| 15BQ1A04B8 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 23       | 32       | 3       |
| 15BQ1A04B8 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A04B8 | RT31048 | LICA LAB                               | 23       | 47       | 2       |
| 15BQ1A04B8 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 46       | 2       |
| 15BQ1A04B9 | RT31016 | IPR & PATENTS                          | 28       | 33       | 2       |
| 15BQ1A04B9 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 16       | 0       |
| 15BQ1A04B9 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 41       | 3       |
| 15BQ1A04B9 | RT31043 | CONTROL SYSTEMS                        | 29       | 43       | 3       |
| 15BQ1A04B9 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 30       | 3       |
| 15BQ1A04B9 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 7        | 0       |
| 15BQ1A04B9 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 42       | 2       |
| 15BQ1A04B9 | RT31048 | LICA LAB                               | 21       | 40       | 2       |
| 15BQ1A04B9 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 15BQ1A04C0 | RT31016 | IPR & PATENTS                          | 30       | 34       | 2       |
| 15BQ1A04C0 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 49       | 3       |
| 15BQ1A04C0 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 56       | 3       |
| 15BQ1A04C0 | RT31043 | CONTROL SYSTEMS                        | 27       | 35       | 3       |
| 15BQ1A04C0 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 28       | 3       |
| 15BQ1A04C0 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 31       | 3       |
| 15BQ1A04C0 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 44       | 2       |
| 15BQ1A04C0 | RT31048 | LICA LAB                               | 22       | 42       | 2       |
| 15BQ1A04C0 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 43       | 2       |
| 15BQ1A04C1 | RT31016 | IPR & PATENTS                          | 21       | 24       | 2       |
| 15BQ1A04C1 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 29       | 3       |
| 15BQ1A04C1 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 20       | 33       | 3       |
| 15BQ1A04C1 | RT31043 | CONTROL SYSTEMS                        | 20       | 25       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
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| 15BQ1A04C1 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 23       | 28       | 3       |
| 15BQ1A04C1 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 8        | 0       |
| 15BQ1A04C1 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 44       | 2       |
| 15BQ1A04C1 | RT31048 | LICA LAB                               | 20       | 44       | 2       |
| 15BQ1A04C1 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 19       | 32       | 2       |
| 15BQ1A04C2 | RT31016 | IPR & PATENTS                          | 22       | 38       | 2       |
| 15BQ1A04C2 | RT31041 | PULSE & DIGITAL CIRCUITS               | 25       | 24       | 3       |
| 15BQ1A04C2 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 50       | 3       |
| 15BQ1A04C2 | RT31043 | CONTROL SYSTEMS                        | 19       | 37       | 3       |
| 15BQ1A04C2 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 22       | 29       | 3       |
| 15BQ1A04C2 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 23       | 14       | 0       |
| 15BQ1A04C2 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 40       | 2       |
| 15BQ1A04C2 | RT31048 | LICA LAB                               | 21       | 43       | 2       |
| 15BQ1A04C2 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 40       | 2       |
| 15BQ1A04C3 | RT31016 | IPR & PATENTS                          | 28       | 24       | 2       |
| 15BQ1A04C3 | RT31041 | PULSE & DIGITAL CIRCUITS               | 25       | 27       | 3       |
| 15BQ1A04C3 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 26       | 3       |
| 15BQ1A04C3 | RT31043 | CONTROL SYSTEMS                        | 22       | 40       | 3       |
| 15BQ1A04C3 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 23       | 26       | 3       |
| 15BQ1A04C3 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 21       | 24       | 3       |
| 15BQ1A04C3 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 46       | 2       |
| 15BQ1A04C3 | RT31048 | LICA LAB                               | 20       | 39       | 2       |
| 15BQ1A04C3 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 20       | 41       | 2       |
| 15BQ1A04C4 | RT31016 | IPR & PATENTS                          | 21       | 14       | 0       |
| 15BQ1A04C4 | RT31041 | PULSE & DIGITAL CIRCUITS               | 21       | 5        | 0       |
| 15BQ1A04C4 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 19       | 27       | 3       |
| 15BQ1A04C4 | RT31043 | CONTROL SYSTEMS                        | 16       | 16       | 0       |
| 15BQ1A04C4 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 19       | 3        | 0       |
| 15BQ1A04C4 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 16       | 9        | 0       |
| 15BQ1A04C4 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 12       | -1       | 0       |
| 15BQ1A04C4 | RT31048 | LICA LAB                               | 12       | -1       | 0       |
| 15BQ1A04C4 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 12       | -1       | 0       |
| 15BQ1A04C5 | RT31016 | IPR & PATENTS                          | 26       | 34       | 2       |
| 15BQ1A04C5 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 48       | 3       |
| 15BQ1A04C5 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 52       | 3       |
| 15BQ1A04C5 | RT31043 | CONTROL SYSTEMS                        | 27       | 63       | 3       |
| 15BQ1A04C5 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 39       | 3       |
| 15BQ1A04C5 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 34       | 3       |
| 15BQ1A04C5 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 47       | 2       |
| 15BQ1A04C5 | RT31048 | LICA LAB                               | 23       | 48       | 2       |
| 15BQ1A04C5 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 46       | 2       |
| 15BQ1A04C6 | RT31016 | IPR & PATENTS                          | 26       | 32       | 2       |
| 15BQ1A04C6 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 34       | 3       |
| 15BQ1A04C6 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 49       | 3       |
| 15BQ1A04C6 | RT31043 | CONTROL SYSTEMS                        | 28       | 42       | 3       |
| 15BQ1A04C6 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 36       | 3       |
| 15BQ1A04C6 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 24       | 3       |
| 15BQ1A04C6 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A04C6 | RT31048 | LICA LAB                               | 23       | 47       | 2       |
| 15BQ1A04C6 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 46       | 2       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
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| 15BQ1A04C7 | RT31016 | IPR & PATENTS                          | 25       | 40       | 2       |
| 15BQ1A04C7 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 24       | 3       |
| 15BQ1A04C7 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 54       | 3       |
| 15BQ1A04C7 | RT31043 | CONTROL SYSTEMS                        | 27       | 34       | 3       |
| 15BQ1A04C7 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 24       | 3       |
| 15BQ1A04C7 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 28       | 3       |
| 15BQ1A04C7 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 44       | 2       |
| 15BQ1A04C7 | RT31048 | LICA LAB                               | 22       | 46       | 2       |
| 15BQ1A04C7 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 46       | 2       |
| 15BQ1A04C8 | RT31016 | IPR & PATENTS                          | 27       | 29       | 2       |
| 15BQ1A04C8 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 41       | 3       |
| 15BQ1A04C8 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 32       | 3       |
| 15BQ1A04C8 | RT31043 | CONTROL SYSTEMS                        | 27       | 29       | 3       |
| 15BQ1A04C8 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 29       | 3       |
| 15BQ1A04C8 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 36       | 3       |
| 15BQ1A04C8 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 46       | 2       |
| 15BQ1A04C8 | RT31048 | LICA LAB                               | 23       | 46       | 2       |
| 15BQ1A04C8 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 44       | 2       |
| 15BQ1A04C9 | RT31016 | IPR & PATENTS                          | 24       | 36       | 2       |
| 15BQ1A04C9 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 41       | 3       |
| 15BQ1A04C9 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 53       | 3       |
| 15BQ1A04C9 | RT31043 | CONTROL SYSTEMS                        | 29       | 63       | 3       |
| 15BQ1A04C9 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 44       | 3       |
| 15BQ1A04C9 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 34       | 3       |
| 15BQ1A04C9 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 49       | 2       |
| 15BQ1A04C9 | RT31048 | LICA LAB                               | 24       | 49       | 2       |
| 15BQ1A04C9 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 48       | 2       |
| 15BQ1A04D0 | RT31016 | IPR & PATENTS                          | 23       | 34       | 2       |
| 15BQ1A04D0 | RT31041 | PULSE & DIGITAL CIRCUITS               | 25       | 45       | 3       |
| 15BQ1A04D0 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 42       | 3       |
| 15BQ1A04D0 | RT31043 | CONTROL SYSTEMS                        | 24       | 48       | 3       |
| 15BQ1A04D0 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 36       | 3       |
| 15BQ1A04D0 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 34       | 3       |
| 15BQ1A04D0 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 46       | 2       |
| 15BQ1A04D0 | RT31048 | LICA LAB                               | 24       | 48       | 2       |
| 15BQ1A04D0 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 49       | 2       |
| 15BQ1A04D1 | RT31016 | IPR & PATENTS                          | 28       | 35       | 2       |
| 15BQ1A04D1 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 39       | 3       |
| 15BQ1A04D1 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 66       | 3       |
| 15BQ1A04D1 | RT31043 | CONTROL SYSTEMS                        | 27       | 57       | 3       |
| 15BQ1A04D1 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 27       | 3       |
| 15BQ1A04D1 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 53       | 3       |
| 15BQ1A04D1 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 49       | 2       |
| 15BQ1A04D1 | RT31048 | LICA LAB                               | 25       | 49       | 2       |
| 15BQ1A04D1 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 46       | 2       |
| 15BQ1A04D2 | RT31016 | IPR & PATENTS                          | 18       | 17       | 0       |
| 15BQ1A04D2 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 15       | 0       |
| 15BQ1A04D2 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 12       | 0       |
| 15BQ1A04D2 | RT31043 | CONTROL SYSTEMS                        | 18       | 14       | 0       |
| 15BQ1A04D2 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 22       | 12       | 0       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
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| 15BQ1A04D2 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 19       | 0       |
| 15BQ1A04D2 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 18       | 43       | 2       |
| 15BQ1A04D2 | RT31048 | LICA LAB                               | 20       | 41       | 2       |
| 15BQ1A04D2 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 19       | 43       | 2       |
| 15BQ1A04D3 | RT31016 | IPR & PATENTS                          | 20       | 24       | 2       |
| 15BQ1A04D3 | RT31041 | PULSE & DIGITAL CIRCUITS               | 20       | 15       | 0       |
| 15BQ1A04D3 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 21       | 25       | 3       |
| 15BQ1A04D3 | RT31043 | CONTROL SYSTEMS                        | 16       | -1       | 0       |
| 15BQ1A04D3 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 19       | 9        | 0       |
| 15BQ1A04D3 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 20       | 12       | 0       |
| 15BQ1A04D3 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 18       | 43       | 2       |
| 15BQ1A04D3 | RT31048 | LICA LAB                               | 18       | 38       | 2       |
| 15BQ1A04D3 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 39       | 2       |
| 15BQ1A04D4 | RT31016 | IPR & PATENTS                          | 5        | 32       | 0       |
| 15BQ1A04D4 | RT31041 | PULSE & DIGITAL CIRCUITS               | 12       | 0        | 0       |
| 15BQ1A04D4 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 4        | 3        | 0       |
| 15BQ1A04D4 | RT31043 | CONTROL SYSTEMS                        | 8        | 2        | 0       |
| 15BQ1A04D4 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 11       | 16       | 0       |
| 15BQ1A04D4 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 9        | 6        | 0       |
| 15BQ1A04D4 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 13       | -1       | 0       |
| 15BQ1A04D4 | RT31048 | LICA LAB                               | 14       | 10       | 0       |
| 15BQ1A04D4 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 17       | -1       | 0       |
| 15BQ1A04D5 | RT31016 | IPR & PATENTS                          | 30       | 37       | 2       |
| 15BQ1A04D5 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 39       | 3       |
| 15BQ1A04D5 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 60       | 3       |
| 15BQ1A04D5 | RT31043 | CONTROL SYSTEMS                        | 29       | 45       | 3       |
| 15BQ1A04D5 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 31       | 3       |
| 15BQ1A04D5 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 38       | 3       |
| 15BQ1A04D5 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 48       | 2       |
| 15BQ1A04D5 | RT31048 | LICA LAB                               | 23       | 46       | 2       |
| 15BQ1A04D5 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 15BQ1A04D6 | RT31016 | IPR & PATENTS                          | 29       | 31       | 2       |
| 15BQ1A04D6 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 36       | 3       |
| 15BQ1A04D6 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 45       | 3       |
| 15BQ1A04D6 | RT31043 | CONTROL SYSTEMS                        | 30       | 50       | 3       |
| 15BQ1A04D6 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 34       | 3       |
| 15BQ1A04D6 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 37       | 3       |
| 15BQ1A04D6 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 49       | 2       |
| 15BQ1A04D6 | RT31048 | LICA LAB                               | 25       | 49       | 2       |
| 15BQ1A04D6 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 46       | 2       |
| 15BQ1A04D7 | RT31016 | IPR & PATENTS                          | 23       | 28       | 2       |
| 15BQ1A04D7 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 30       | 3       |
| 15BQ1A04D7 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 51       | 3       |
| 15BQ1A04D7 | RT31043 | CONTROL SYSTEMS                        | 30       | 46       | 3       |
| 15BQ1A04D7 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 42       | 3       |
| 15BQ1A04D7 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 33       | 3       |
| 15BQ1A04D7 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A04D7 | RT31048 | LICA LAB                               | 24       | 49       | 2       |
| 15BQ1A04D7 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 20       | 47       | 2       |
| 15BQ1A04D8 | RT31016 | IPR & PATENTS                          | 23       | 31       | 2       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A04D8 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 31       | 3       |
| 15BQ1A04D8 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 44       | 3       |
| 15BQ1A04D8 | RT31043 | CONTROL SYSTEMS                        | 26       | 35       | 3       |
| 15BQ1A04D8 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 12       | 0       |
| 15BQ1A04D8 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 29       | 3       |
| 15BQ1A04D8 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A04D8 | RT31048 | LICA LAB                               | 22       | 49       | 2       |
| 15BQ1A04D8 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 47       | 2       |
| 15BQ1A04D9 | RT31016 | IPR & PATENTS                          | 30       | 37       | 2       |
| 15BQ1A04D9 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 49       | 3       |
| 15BQ1A04D9 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 49       | 3       |
| 15BQ1A04D9 | RT31043 | CONTROL SYSTEMS                        | 30       | 56       | 3       |
| 15BQ1A04D9 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 31       | 3       |
| 15BQ1A04D9 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 36       | 3       |
| 15BQ1A04D9 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 50       | 2       |
| 15BQ1A04D9 | RT31048 | LICA LAB                               | 25       | 50       | 2       |
| 15BQ1A04D9 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 47       | 2       |
| 15BQ1A04E0 | RT31016 | IPR & PATENTS                          | 28       | 31       | 2       |
| 15BQ1A04E0 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 43       | 3       |
| 15BQ1A04E0 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 52       | 3       |
| 15BQ1A04E0 | RT31043 | CONTROL SYSTEMS                        | 26       | 32       | 3       |
| 15BQ1A04E0 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 30       | 3       |
| 15BQ1A04E0 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 32       | 3       |
| 15BQ1A04E0 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 48       | 2       |
| 15BQ1A04E0 | RT31048 | LICA LAB                               | 21       | 47       | 2       |
| 15BQ1A04E0 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 45       | 2       |
| 15BQ1A04E1 | RT31016 | IPR & PATENTS                          | 30       | 44       | 2       |
| 15BQ1A04E1 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 70       | 3       |
| 15BQ1A04E1 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 52       | 3       |
| 15BQ1A04E1 | RT31043 | CONTROL SYSTEMS                        | 29       | 64       | 3       |
| 15BQ1A04E1 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 50       | 3       |
| 15BQ1A04E1 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 45       | 3       |
| 15BQ1A04E1 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 50       | 2       |
| 15BQ1A04E1 | RT31048 | LICA LAB                               | 25       | 50       | 2       |
| 15BQ1A04E1 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 47       | 2       |
| 15BQ1A04E2 | RT31016 | IPR & PATENTS                          | 28       | 39       | 2       |
| 15BQ1A04E2 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 46       | 3       |
| 15BQ1A04E2 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 44       | 3       |
| 15BQ1A04E2 | RT31043 | CONTROL SYSTEMS                        | 26       | 59       | 3       |
| 15BQ1A04E2 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 30       | 3       |
| 15BQ1A04E2 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 47       | 3       |
| 15BQ1A04E2 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 49       | 2       |
| 15BQ1A04E2 | RT31048 | LICA LAB                               | 23       | 49       | 2       |
| 15BQ1A04E2 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 48       | 2       |
| 15BQ1A04E3 | RT31016 | IPR & PATENTS                          | 28       | 35       | 2       |
| 15BQ1A04E3 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 47       | 3       |
| 15BQ1A04E3 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 47       | 3       |
| 15BQ1A04E3 | RT31043 | CONTROL SYSTEMS                        | 28       | 55       | 3       |
| 15BQ1A04E3 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 32       | 3       |
| 15BQ1A04E3 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 40       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A04E3 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 48       | 2       |
| 15BQ1A04E3 | RT31048 | LICA LAB                               | 24       | 49       | 2       |
| 15BQ1A04E3 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 48       | 2       |
| 15BQ1A04E4 | RT31016 | IPR & PATENTS                          | 30       | 44       | 2       |
| 15BQ1A04E4 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 54       | 3       |
| 15BQ1A04E4 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 62       | 3       |
| 15BQ1A04E4 | RT31043 | CONTROL SYSTEMS                        | 30       | 39       | 3       |
| 15BQ1A04E4 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 36       | 3       |
| 15BQ1A04E4 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 39       | 3       |
| 15BQ1A04E4 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 49       | 2       |
| 15BQ1A04E4 | RT31048 | LICA LAB                               | 25       | 50       | 2       |
| 15BQ1A04E4 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 49       | 2       |
| 15BQ1A04E5 | RT31016 | IPR & PATENTS                          | 28       | 48       | 2       |
| 15BQ1A04E5 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 70       | 3       |
| 15BQ1A04E5 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 53       | 3       |
| 15BQ1A04E5 | RT31043 | CONTROL SYSTEMS                        | 30       | 43       | 3       |
| 15BQ1A04E5 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 43       | 3       |
| 15BQ1A04E5 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 43       | 3       |
| 15BQ1A04E5 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 50       | 2       |
| 15BQ1A04E5 | RT31048 | LICA LAB                               | 24       | 50       | 2       |
| 15BQ1A04E5 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 48       | 2       |
| 15BQ1A04E6 | RT31016 | IPR & PATENTS                          | 27       | 54       | 2       |
| 15BQ1A04E6 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 37       | 3       |
| 15BQ1A04E6 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 43       | 3       |
| 15BQ1A04E6 | RT31043 | CONTROL SYSTEMS                        | 23       | 41       | 3       |
| 15BQ1A04E6 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 16       | 0       |
| 15BQ1A04E6 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 26       | 3       |
| 15BQ1A04E6 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 45       | 2       |
| 15BQ1A04E6 | RT31048 | LICA LAB                               | 23       | 46       | 2       |
| 15BQ1A04E6 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 45       | 2       |
| 15BQ1A04E7 | RT31016 | IPR & PATENTS                          | 27       | 34       | 2       |
| 15BQ1A04E7 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 43       | 3       |
| 15BQ1A04E7 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 40       | 3       |
| 15BQ1A04E7 | RT31043 | CONTROL SYSTEMS                        | 25       | 51       | 3       |
| 15BQ1A04E7 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 41       | 3       |
| 15BQ1A04E7 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 24       | 3       |
| 15BQ1A04E7 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 45       | 2       |
| 15BQ1A04E7 | RT31048 | LICA LAB                               | 23       | 47       | 2       |
| 15BQ1A04E7 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 15BQ1A04E8 | RT31016 | IPR & PATENTS                          | 29       | 41       | 2       |
| 15BQ1A04E8 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 50       | 3       |
| 15BQ1A04E8 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 62       | 3       |
| 15BQ1A04E8 | RT31043 | CONTROL SYSTEMS                        | 30       | 42       | 3       |
| 15BQ1A04E8 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 43       | 3       |
| 15BQ1A04E8 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 39       | 3       |
| 15BQ1A04E8 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 48       | 2       |
| 15BQ1A04E8 | RT31048 | LICA LAB                               | 24       | 49       | 2       |
| 15BQ1A04E8 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 47       | 2       |
| 15BQ1A04E9 | RT31016 | IPR & PATENTS                          | 21       | 45       | 2       |
| 15BQ1A04E9 | RT31041 | PULSE & DIGITAL CIRCUITS               | 25       | 30       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A04E9 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 43       | 3       |
| 15BQ1A04E9 | RT31043 | CONTROL SYSTEMS                        | 19       | 17       | 0       |
| 15BQ1A04E9 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 25       | 26       | 3       |
| 15BQ1A04E9 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 20       | 12       | 0       |
| 15BQ1A04E9 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 15       | 43       | 2       |
| 15BQ1A04E9 | RT31048 | LICA LAB                               | 22       | 45       | 2       |
| 15BQ1A04E9 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 43       | 2       |
| 15BQ1A04F0 | RT31016 | IPR & PATENTS                          | 24       | 56       | 2       |
| 15BQ1A04F0 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 38       | 3       |
| 15BQ1A04F0 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 52       | 3       |
| 15BQ1A04F0 | RT31043 | CONTROL SYSTEMS                        | 26       | 56       | 3       |
| 15BQ1A04F0 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 33       | 3       |
| 15BQ1A04F0 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 37       | 3       |
| 15BQ1A04F0 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A04F0 | RT31048 | LICA LAB                               | 22       | 48       | 2       |
| 15BQ1A04F0 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 45       | 2       |
| 15BQ1A04F1 | RT31016 | IPR & PATENTS                          | 29       | 35       | 2       |
| 15BQ1A04F1 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 24       | 3       |
| 15BQ1A04F1 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 42       | 3       |
| 15BQ1A04F1 | RT31043 | CONTROL SYSTEMS                        | 27       | 61       | 3       |
| 15BQ1A04F1 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 27       | 3       |
| 15BQ1A04F1 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 33       | 3       |
| 15BQ1A04F1 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 48       | 2       |
| 15BQ1A04F1 | RT31048 | LICA LAB                               | 23       | 48       | 2       |
| 15BQ1A04F1 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 48       | 2       |
| 15BQ1A04F2 | RT31016 | IPR & PATENTS                          | 29       | 43       | 2       |
| 15BQ1A04F2 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 52       | 3       |
| 15BQ1A04F2 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 56       | 3       |
| 15BQ1A04F2 | RT31043 | CONTROL SYSTEMS                        | 28       | 40       | 3       |
| 15BQ1A04F2 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 47       | 3       |
| 15BQ1A04F2 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 36       | 3       |
| 15BQ1A04F2 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 49       | 2       |
| 15BQ1A04F2 | RT31048 | LICA LAB                               | 24       | 49       | 2       |
| 15BQ1A04F2 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 48       | 2       |
| 15BQ1A04F3 | RT31016 | IPR & PATENTS                          | 27       | 46       | 2       |
| 15BQ1A04F3 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 44       | 3       |
| 15BQ1A04F3 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 58       | 3       |
| 15BQ1A04F3 | RT31043 | CONTROL SYSTEMS                        | 30       | 55       | 3       |
| 15BQ1A04F3 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 41       | 3       |
| 15BQ1A04F3 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 27       | 3       |
| 15BQ1A04F3 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 25       | 50       | 2       |
| 15BQ1A04F3 | RT31048 | LICA LAB                               | 24       | 49       | 2       |
| 15BQ1A04F3 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 48       | 2       |
| 15BQ1A04F4 | RT31016 | IPR & PATENTS                          | 26       | 54       | 2       |
| 15BQ1A04F4 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 40       | 3       |
| 15BQ1A04F4 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 48       | 3       |
| 15BQ1A04F4 | RT31043 | CONTROL SYSTEMS                        | 27       | 53       | 3       |
| 15BQ1A04F4 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 25       | 31       | 3       |
| 15BQ1A04F4 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 25       | 41       | 3       |
| 15BQ1A04F4 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 48       | 2       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A04F4 | RT31048 | LICA LAB                               | 23       | 48       | 2       |
| 15BQ1A04F4 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 49       | 2       |
| 15BQ1A04F5 | RT31016 | IPR & PATENTS                          | 25       | 36       | 2       |
| 15BQ1A04F5 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 31       | 3       |
| 15BQ1A04F5 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 28       | 3       |
| 15BQ1A04F5 | RT31043 | CONTROL SYSTEMS                        | 20       | 41       | 3       |
| 15BQ1A04F5 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 25       | 15       | 0       |
| 15BQ1A04F5 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 24       | 24       | 3       |
| 15BQ1A04F5 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 44       | 2       |
| 15BQ1A04F5 | RT31048 | LICA LAB                               | 19       | 40       | 2       |
| 15BQ1A04F5 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 46       | 2       |
| 15BQ1A04F6 | RT31016 | IPR & PATENTS                          | 25       | 40       | 2       |
| 15BQ1A04F6 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 45       | 3       |
| 15BQ1A04F6 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 58       | 3       |
| 15BQ1A04F6 | RT31043 | CONTROL SYSTEMS                        | 27       | 51       | 3       |
| 15BQ1A04F6 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 34       | 3       |
| 15BQ1A04F6 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 37       | 3       |
| 15BQ1A04F6 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A04F6 | RT31048 | LICA LAB                               | 25       | 49       | 2       |
| 15BQ1A04F6 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 47       | 2       |
| 15BQ1A04F7 | RT31016 | IPR & PATENTS                          | 28       | 37       | 2       |
| 15BQ1A04F7 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 25       | 3       |
| 15BQ1A04F7 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 22       | 48       | 3       |
| 15BQ1A04F7 | RT31043 | CONTROL SYSTEMS                        | 19       | 25       | 3       |
| 15BQ1A04F7 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 31       | 3       |
| 15BQ1A04F7 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 24       | 3       |
| 15BQ1A04F7 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 19       | 42       | 2       |
| 15BQ1A04F7 | RT31048 | LICA LAB                               | 18       | 38       | 2       |
| 15BQ1A04F7 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 42       | 2       |
| 15BQ1A04F8 | RT31016 | IPR & PATENTS                          | 21       | 51       | 2       |
| 15BQ1A04F8 | RT31041 | PULSE & DIGITAL CIRCUITS               | 21       | 15       | 0       |
| 15BQ1A04F8 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 21       | 28       | 3       |
| 15BQ1A04F8 | RT31043 | CONTROL SYSTEMS                        | 16       | 45       | 3       |
| 15BQ1A04F8 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 23       | 28       | 3       |
| 15BQ1A04F8 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 24       | 24       | 3       |
| 15BQ1A04F8 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 14       | 30       | 2       |
| 15BQ1A04F8 | RT31048 | LICA LAB                               | 19       | -1       | 0       |
| 15BQ1A04F8 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 17       | -1       | 0       |
| 15BQ1A04F9 | RT31016 | IPR & PATENTS                          | 30       | 29       | 2       |
| 15BQ1A04F9 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 40       | 3       |
| 15BQ1A04F9 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 36       | 3       |
| 15BQ1A04F9 | RT31043 | CONTROL SYSTEMS                        | 24       | 46       | 3       |
| 15BQ1A04F9 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 42       | 3       |
| 15BQ1A04F9 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 25       | 28       | 3       |
| 15BQ1A04F9 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 46       | 2       |
| 15BQ1A04F9 | RT31048 | LICA LAB                               | 20       | 46       | 2       |
| 15BQ1A04F9 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 45       | 2       |
| 15BQ1A04G0 | RT31016 | IPR & PATENTS                          | 30       | 46       | 2       |
| 15BQ1A04G0 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 48       | 3       |
| 15BQ1A04G0 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 59       | 3       |



| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A04G0 | RT31043 | CONTROL SYSTEMS                        | 29       | 48       | 3       |
| 15BQ1A04G0 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 46       | 3       |
| 15BQ1A04G0 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 43       | 3       |
| 15BQ1A04G0 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 47       | 2       |
| 15BQ1A04G0 | RT31048 | LICA LAB                               | 24       | 47       | 2       |
| 15BQ1A04G0 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 48       | 2       |
| 15BQ1A04G1 | RT31016 | IPR & PATENTS                          | 29       | 48       | 2       |
| 15BQ1A04G1 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 49       | 3       |
| 15BQ1A04G1 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 51       | 3       |
| 15BQ1A04G1 | RT31043 | CONTROL SYSTEMS                        | 30       | 29       | 3       |
| 15BQ1A04G1 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 48       | 3       |
| 15BQ1A04G1 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 32       | 3       |
| 15BQ1A04G1 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 49       | 2       |
| 15BQ1A04G1 | RT31048 | LICA LAB                               | 24       | 49       | 2       |
| 15BQ1A04G1 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 48       | 2       |
| 15BQ1A04G2 | RT31016 | IPR & PATENTS                          | 28       | 67       | 2       |
| 15BQ1A04G2 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 38       | 3       |
| 15BQ1A04G2 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 51       | 3       |
| 15BQ1A04G2 | RT31043 | CONTROL SYSTEMS                        | 26       | 52       | 3       |
| 15BQ1A04G2 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 29       | 3       |
| 15BQ1A04G2 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 39       | 3       |
| 15BQ1A04G2 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 15BQ1A04G2 | RT31048 | LICA LAB                               | 24       | 48       | 2       |
| 15BQ1A04G2 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 15BQ1A04G3 | RT31016 | IPR & PATENTS                          | 30       | 47       | 2       |
| 15BQ1A04G3 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 43       | 3       |
| 15BQ1A04G3 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 47       | 3       |
| 15BQ1A04G3 | RT31043 | CONTROL SYSTEMS                        | 29       | 56       | 3       |
| 15BQ1A04G3 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 36       | 3       |
| 15BQ1A04G3 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 28       | 3       |
| 15BQ1A04G3 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 48       | 2       |
| 15BQ1A04G3 | RT31048 | LICA LAB                               | 23       | 48       | 2       |
| 15BQ1A04G3 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 48       | 2       |
| 15BQ1A04G4 | RT31016 | IPR & PATENTS                          | 27       | 25       | 2       |
| 15BQ1A04G4 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 16       | 0       |
| 15BQ1A04G4 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 32       | 3       |
| 15BQ1A04G4 | RT31043 | CONTROL SYSTEMS                        | 26       | 30       | 3       |
| 15BQ1A04G4 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 14       | 0       |
| 15BQ1A04G4 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 11       | 0       |
| 15BQ1A04G4 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 15BQ1A04G4 | RT31048 | LICA LAB                               | 23       | 46       | 2       |
| 15BQ1A04G4 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 47       | 2       |
| 15BQ1A04G5 | RT31016 | IPR & PATENTS                          | 25       | 47       | 2       |
| 15BQ1A04G5 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 29       | 3       |
| 15BQ1A04G5 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 44       | 3       |
| 15BQ1A04G5 | RT31043 | CONTROL SYSTEMS                        | 25       | 24       | 3       |
| 15BQ1A04G5 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 26       | 3       |
| 15BQ1A04G5 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 30       | 3       |
| 15BQ1A04G5 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 45       | 2       |
| 15BQ1A04G5 | RT31048 | LICA LAB                               | 22       | 44       | 2       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A04G5 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 47       | 2       |
| 15BQ1A04G6 | RT31016 | IPR & PATENTS                          | 25       | 50       | 2       |
| 15BQ1A04G6 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 38       | 3       |
| 15BQ1A04G6 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 48       | 3       |
| 15BQ1A04G6 | RT31043 | CONTROL SYSTEMS                        | 24       | 49       | 3       |
| 15BQ1A04G6 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 24       | 3       |
| 15BQ1A04G6 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 28       | 3       |
| 15BQ1A04G6 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 18       | 47       | 2       |
| 15BQ1A04G6 | RT31048 | LICA LAB                               | 21       | 48       | 2       |
| 15BQ1A04G6 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 19       | 47       | 2       |
| 15BQ1A04G7 | RT31016 | IPR & PATENTS                          | 26       | 36       | 2       |
| 15BQ1A04G7 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 25       | 3       |
| 15BQ1A04G7 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 32       | 3       |
| 15BQ1A04G7 | RT31043 | CONTROL SYSTEMS                        | 21       | 41       | 3       |
| 15BQ1A04G7 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 41       | 3       |
| 15BQ1A04G7 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 22       | 17       | 0       |
| 15BQ1A04G7 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 48       | 2       |
| 15BQ1A04G7 | RT31048 | LICA LAB                               | 24       | 47       | 2       |
| 15BQ1A04G7 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 45       | 2       |
| 15BQ1A04G8 | RT31016 | IPR & PATENTS                          | 25       | 29       | 2       |
| 15BQ1A04G8 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 46       | 3       |
| 15BQ1A04G8 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 42       | 3       |
| 15BQ1A04G8 | RT31043 | CONTROL SYSTEMS                        | 22       | 44       | 3       |
| 15BQ1A04G8 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 28       | 3       |
| 15BQ1A04G8 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 32       | 3       |
| 15BQ1A04G8 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 44       | 2       |
| 15BQ1A04G8 | RT31048 | LICA LAB                               | 23       | 45       | 2       |
| 15BQ1A04G8 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 44       | 2       |
| 15BQ1A04G9 | RT31016 | IPR & PATENTS                          | 27       | 34       | 2       |
| 15BQ1A04G9 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 38       | 3       |
| 15BQ1A04G9 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 40       | 3       |
| 15BQ1A04G9 | RT31043 | CONTROL SYSTEMS                        | 24       | 54       | 3       |
| 15BQ1A04G9 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 42       | 3       |
| 15BQ1A04G9 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 39       | 3       |
| 15BQ1A04G9 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 47       | 2       |
| 15BQ1A04G9 | RT31048 | LICA LAB                               | 21       | 45       | 2       |
| 15BQ1A04G9 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 44       | 2       |
| 15BQ1A04H0 | RT31016 | IPR & PATENTS                          | 26       | 41       | 2       |
| 15BQ1A04H0 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 28       | 3       |
| 15BQ1A04H0 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 40       | 3       |
| 15BQ1A04H0 | RT31043 | CONTROL SYSTEMS                        | 28       | 45       | 3       |
| 15BQ1A04H0 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 12       | 0       |
| 15BQ1A04H0 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 38       | 3       |
| 15BQ1A04H0 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 45       | 2       |
| 15BQ1A04H0 | RT31048 | LICA LAB                               | 23       | 47       | 2       |
| 15BQ1A04H0 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 41       | 2       |
| 15BQ1A04H1 | RT31016 | IPR & PATENTS                          | 25       | 49       | 2       |
| 15BQ1A04H1 | RT31041 | PULSE & DIGITAL CIRCUITS               | 25       | 41       | 3       |
| 15BQ1A04H1 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 30       | 3       |
| 15BQ1A04H1 | RT31043 | CONTROL SYSTEMS                        | 19       | 34       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A04H1 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 46       | 3       |
| 15BQ1A04H1 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 28       | 3       |
| 15BQ1A04H1 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 44       | 2       |
| 15BQ1A04H1 | RT31048 | LICA LAB                               | 20       | 43       | 2       |
| 15BQ1A04H1 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 20       | 44       | 2       |
| 15BQ1A04H2 | RT31016 | IPR & PATENTS                          | 28       | 26       | 2       |
| 15BQ1A04H2 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 26       | 3       |
| 15BQ1A04H2 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 26       | 3       |
| 15BQ1A04H2 | RT31043 | CONTROL SYSTEMS                        | 25       | 24       | 3       |
| 15BQ1A04H2 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 24       | 3       |
| 15BQ1A04H2 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 24       | 3       |
| 15BQ1A04H2 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 43       | 2       |
| 15BQ1A04H2 | RT31048 | LICA LAB                               | 22       | 42       | 2       |
| 15BQ1A04H2 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 15BQ1A04H3 | RT31016 | IPR & PATENTS                          | 28       | 39       | 2       |
| 15BQ1A04H3 | RT31041 | PULSE & DIGITAL CIRCUITS               | 23       | 36       | 3       |
| 15BQ1A04H3 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 33       | 3       |
| 15BQ1A04H3 | RT31043 | CONTROL SYSTEMS                        | 24       | 40       | 3       |
| 15BQ1A04H3 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 33       | 3       |
| 15BQ1A04H3 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 38       | 3       |
| 15BQ1A04H3 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 19       | 44       | 2       |
| 15BQ1A04H3 | RT31048 | LICA LAB                               | 24       | 48       | 2       |
| 15BQ1A04H3 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 46       | 2       |
| 15BQ1A04H4 | RT31016 | IPR & PATENTS                          | 29       | 39       | 2       |
| 15BQ1A04H4 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 38       | 3       |
| 15BQ1A04H4 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 52       | 3       |
| 15BQ1A04H4 | RT31043 | CONTROL SYSTEMS                        | 26       | 64       | 3       |
| 15BQ1A04H4 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 32       | 3       |
| 15BQ1A04H4 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 39       | 3       |
| 15BQ1A04H4 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 50       | 2       |
| 15BQ1A04H4 | RT31048 | LICA LAB                               | 24       | 49       | 2       |
| 15BQ1A04H4 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 47       | 2       |
| 15BQ1A04H5 | RT31016 | IPR & PATENTS                          | 24       | 52       | 2       |
| 15BQ1A04H5 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 26       | 3       |
| 15BQ1A04H5 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 53       | 3       |
| 15BQ1A04H5 | RT31043 | CONTROL SYSTEMS                        | 28       | 53       | 3       |
| 15BQ1A04H5 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 52       | 3       |
| 15BQ1A04H5 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 34       | 3       |
| 15BQ1A04H5 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 50       | 2       |
| 15BQ1A04H5 | RT31048 | LICA LAB                               | 22       | 49       | 2       |
| 15BQ1A04H5 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 47       | 2       |
| 15BQ1A04H6 | RT31016 | IPR & PATENTS                          | 24       | 16       | 0       |
| 15BQ1A04H6 | RT31041 | PULSE & DIGITAL CIRCUITS               | 23       | 10       | 0       |
| 15BQ1A04H6 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 22       | 34       | 3       |
| 15BQ1A04H6 | RT31043 | CONTROL SYSTEMS                        | 17       | 16       | 0       |
| 15BQ1A04H6 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 21       | 24       | 3       |
| 15BQ1A04H6 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 21       | 7        | 0       |
| 15BQ1A04H6 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 30       | 2       |
| 15BQ1A04H6 | RT31048 | LICA LAB                               | 19       | 37       | 2       |
| 15BQ1A04H6 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 20       | 40       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A04H7 | RT31016 | IPR & PATENTS                            | 26       | 36       | 2       |
| 15BQ1A04H7 | RT31041 | PULSE & DIGITAL CIRCUITS                 | 30       | 62       | 3       |
| 15BQ1A04H7 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS   | 30       | 51       | 3       |
| 15BQ1A04H7 | RT31043 | CONTROL SYSTEMS                          | 27       | 61       | 3       |
| 15BQ1A04H7 | RT31044 | DIGITAL SYSTEM DESIGN & DICA             | 30       | 47       | 3       |
| 15BQ1A04H7 | RT31045 | ANTENNAS AND WAVE PROPAGATION            | 29       | 43       | 3       |
| 15BQ1A04H7 | RT31047 | PULSE & DIGITAL CIRCUITS LAB             | 24       | 49       | 2       |
| 15BQ1A04H7 | RT31048 | LICA LAB                                 | 24       | 49       | 2       |
| 15BQ1A04H7 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB         | 24       | 47       | 2       |
| 15BQ1A0501 | RT31051 | COMPILER DESIGN                          | 24       | 0        | 0       |
| 15BQ1A0501 | RT31052 | DATA COMMUNICATION                       | 25       | 9        | 0       |
| 15BQ1A0501 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 18       | 15       | 0       |
| 15BQ1A0501 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 21       | 24       | 3       |
| 15BQ1A0501 | RT31055 | OPERATING SYSTEMS                        | 20       | 9        | 0       |
| 15BQ1A0501 | RT31056 | COMPILER DESIGN LAB                      | 22       | 39       | 2       |
| 15BQ1A0501 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 17       | 38       | 2       |
| 15BQ1A0501 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 39       | 2       |
| 15BQ1A0501 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0502 | RT31051 | COMPILER DESIGN                          | 29       | 46       | 3       |
| 15BQ1A0502 | RT31052 | DATA COMMUNICATION                       | 29       | 29       | 3       |
| 15BQ1A0502 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 46       | 3       |
| 15BQ1A0502 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 53       | 3       |
| 15BQ1A0502 | RT31055 | OPERATING SYSTEMS                        | 28       | 24       | 3       |
| 15BQ1A0502 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0502 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 47       | 2       |
| 15BQ1A0502 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 41       | 2       |
| 15BQ1A0502 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0503 | RT31051 | COMPILER DESIGN                          | 28       | 43       | 3       |
| 15BQ1A0503 | RT31052 | DATA COMMUNICATION                       | 29       | 60       | 3       |
| 15BQ1A0503 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 53       | 3       |
| 15BQ1A0503 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 47       | 3       |
| 15BQ1A0503 | RT31055 | OPERATING SYSTEMS                        | 28       | 40       | 3       |
| 15BQ1A0503 | RT31056 | COMPILER DESIGN LAB                      | 24       | 47       | 2       |
| 15BQ1A0503 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 48       | 2       |
| 15BQ1A0503 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 42       | 2       |
| 15BQ1A0503 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A0504 | RT31051 | COMPILER DESIGN                          | 30       | 62       | 3       |
| 15BQ1A0504 | RT31052 | DATA COMMUNICATION                       | 30       | 48       | 3       |
| 15BQ1A0504 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 36       | 3       |
| 15BQ1A0504 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 60       | 3       |
| 15BQ1A0504 | RT31055 | OPERATING SYSTEMS                        | 30       | 62       | 3       |
| 15BQ1A0504 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A0504 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A0504 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A0504 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A0505 | RT31051 | COMPILER DESIGN                          | 27       | 53       | 3       |
| 15BQ1A0505 | RT31052 | DATA COMMUNICATION                       | 15       | 34       | 3       |
| 15BQ1A0505 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 41       | 3       |
| 15BQ1A0505 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 36       | 3       |
| 15BQ1A0505 | RT31055 | OPERATING SYSTEMS                        | 29       | 39       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0505 | RT31056 | COMPILER DESIGN LAB                      | 23       | 46       | 2       |
| 15BQ1A0505 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 45       | 2       |
| 15BQ1A0505 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 47       | 2       |
| 15BQ1A0505 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A0506 | RT31051 | COMPILER DESIGN                          | 29       | 49       | 3       |
| 15BQ1A0506 | RT31052 | DATA COMMUNICATION                       | 28       | 38       | 3       |
| 15BQ1A0506 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 49       | 3       |
| 15BQ1A0506 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 52       | 3       |
| 15BQ1A0506 | RT31055 | OPERATING SYSTEMS                        | 27       | 51       | 3       |
| 15BQ1A0506 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A0506 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 46       | 2       |
| 15BQ1A0506 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 45       | 2       |
| 15BQ1A0506 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0507 | RT31051 | COMPILER DESIGN                          | 30       | 34       | 3       |
| 15BQ1A0507 | RT31052 | DATA COMMUNICATION                       | 30       | 51       | 3       |
| 15BQ1A0507 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 31       | 3       |
| 15BQ1A0507 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 46       | 3       |
| 15BQ1A0507 | RT31055 | OPERATING SYSTEMS                        | 29       | 26       | 3       |
| 15BQ1A0507 | RT31056 | COMPILER DESIGN LAB                      | 23       | 46       | 2       |
| 15BQ1A0507 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 45       | 2       |
| 15BQ1A0507 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 43       | 2       |
| 15BQ1A0507 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0508 | RT31051 | COMPILER DESIGN                          | 22       | 44       | 3       |
| 15BQ1A0508 | RT31052 | DATA COMMUNICATION                       | 26       | 45       | 3       |
| 15BQ1A0508 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 27       | 3       |
| 15BQ1A0508 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 21       | 15       | 0       |
| 15BQ1A0508 | RT31055 | OPERATING SYSTEMS                        | 22       | 37       | 3       |
| 15BQ1A0508 | RT31056 | COMPILER DESIGN LAB                      | 21       | 39       | 2       |
| 15BQ1A0508 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 35       | 2       |
| 15BQ1A0508 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 41       | 2       |
| 15BQ1A0508 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0510 | RT31051 | COMPILER DESIGN                          | 18       | 39       | 3       |
| 15BQ1A0510 | RT31052 | DATA COMMUNICATION                       | 24       | 33       | 3       |
| 15BQ1A0510 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 17       | 36       | 3       |
| 15BQ1A0510 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 22       | 24       | 3       |
| 15BQ1A0510 | RT31055 | OPERATING SYSTEMS                        | 18       | 6        | 0       |
| 15BQ1A0510 | RT31056 | COMPILER DESIGN LAB                      | 21       | 38       | 2       |
| 15BQ1A0510 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 14       | 33       | 2       |
| 15BQ1A0510 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 41       | 2       |
| 15BQ1A0510 | RT31059 | SEMINAR                                  | 43       | 0        | 1       |
| 15BQ1A0511 | RT31051 | COMPILER DESIGN                          | 25       | 40       | 3       |
| 15BQ1A0511 | RT31052 | DATA COMMUNICATION                       | 28       | 24       | 3       |
| 15BQ1A0511 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 21       | 36       | 3       |
| 15BQ1A0511 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 4        | 0       |
| 15BQ1A0511 | RT31055 | OPERATING SYSTEMS                        | 27       | 24       | 3       |
| 15BQ1A0511 | RT31056 | COMPILER DESIGN LAB                      | 23       | 46       | 2       |
| 15BQ1A0511 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 17       | 36       | 2       |
| 15BQ1A0511 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 46       | 2       |
| 15BQ1A0511 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0512 | RT31051 | COMPILER DESIGN                          | 30       | 46       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0512 | RT31052 | DATA COMMUNICATION                       | 30       | 60       | 3       |
| 15BQ1A0512 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 38       | 3       |
| 15BQ1A0512 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 33       | 3       |
| 15BQ1A0512 | RT31055 | OPERATING SYSTEMS                        | 27       | 32       | 3       |
| 15BQ1A0512 | RT31056 | COMPILER DESIGN LAB                      | 24       | 47       | 2       |
| 15BQ1A0512 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 49       | 2       |
| 15BQ1A0512 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 48       | 2       |
| 15BQ1A0512 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0513 | RT31051 | COMPILER DESIGN                          | 22       | 43       | 3       |
| 15BQ1A0513 | RT31052 | DATA COMMUNICATION                       | 28       | 39       | 3       |
| 15BQ1A0513 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 22       | 18       | 0       |
| 15BQ1A0513 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 28       | 3       |
| 15BQ1A0513 | RT31055 | OPERATING SYSTEMS                        | 21       | 26       | 3       |
| 15BQ1A0513 | RT31056 | COMPILER DESIGN LAB                      | 21       | 40       | 2       |
| 15BQ1A0513 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 17       | 38       | 2       |
| 15BQ1A0513 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 41       | 2       |
| 15BQ1A0513 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0514 | RT31051 | COMPILER DESIGN                          | 26       | 44       | 3       |
| 15BQ1A0514 | RT31052 | DATA COMMUNICATION                       | 28       | 40       | 3       |
| 15BQ1A0514 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 34       | 3       |
| 15BQ1A0514 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 34       | 3       |
| 15BQ1A0514 | RT31055 | OPERATING SYSTEMS                        | 28       | 39       | 3       |
| 15BQ1A0514 | RT31056 | COMPILER DESIGN LAB                      | 22       | 44       | 2       |
| 15BQ1A0514 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 40       | 2       |
| 15BQ1A0514 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 47       | 2       |
| 15BQ1A0514 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0515 | RT31051 | COMPILER DESIGN                          | 19       | 45       | 3       |
| 15BQ1A0515 | RT31052 | DATA COMMUNICATION                       | 25       | 15       | 0       |
| 15BQ1A0515 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 18       | 39       | 3       |
| 15BQ1A0515 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 31       | 3       |
| 15BQ1A0515 | RT31055 | OPERATING SYSTEMS                        | 19       | 14       | 0       |
| 15BQ1A0515 | RT31056 | COMPILER DESIGN LAB                      | 21       | 40       | 2       |
| 15BQ1A0515 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 15       | 35       | 2       |
| 15BQ1A0515 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 18       | 38       | 2       |
| 15BQ1A0515 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0516 | RT31051 | COMPILER DESIGN                          | 26       | 25       | 3       |
| 15BQ1A0516 | RT31052 | DATA COMMUNICATION                       | 16       | 33       | 3       |
| 15BQ1A0516 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 17       | 0       |
| 15BQ1A0516 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 9        | 0       |
| 15BQ1A0516 | RT31055 | OPERATING SYSTEMS                        | 22       | 12       | 0       |
| 15BQ1A0516 | RT31056 | COMPILER DESIGN LAB                      | 12       | -1       | 0       |
| 15BQ1A0516 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 12       | -1       | 0       |
| 15BQ1A0516 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 15       | -1       | 0       |
| 15BQ1A0516 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0517 | RT31051 | COMPILER DESIGN                          | 26       | 48       | 3       |
| 15BQ1A0517 | RT31052 | DATA COMMUNICATION                       | 28       | 43       | 3       |
| 15BQ1A0517 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 46       | 3       |
| 15BQ1A0517 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 49       | 3       |
| 15BQ1A0517 | RT31055 | OPERATING SYSTEMS                        | 27       | 48       | 3       |
| 15BQ1A0517 | RT31056 | COMPILER DESIGN LAB                      | 23       | 47       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0517 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 19       | 40       | 2       |
| 15BQ1A0517 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 45       | 2       |
| 15BQ1A0517 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0518 | RT31051 | COMPILER DESIGN                          | 27       | 27       | 3       |
| 15BQ1A0518 | RT31052 | DATA COMMUNICATION                       | 26       | 33       | 3       |
| 15BQ1A0518 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 34       | 3       |
| 15BQ1A0518 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 24       | 3       |
| 15BQ1A0518 | RT31055 | OPERATING SYSTEMS                        | 28       | 6        | 0       |
| 15BQ1A0518 | RT31056 | COMPILER DESIGN LAB                      | 22       | 45       | 2       |
| 15BQ1A0518 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 45       | 2       |
| 15BQ1A0518 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 19       | 36       | 2       |
| 15BQ1A0518 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0519 | RT31051 | COMPILER DESIGN                          | 30       | 70       | 3       |
| 15BQ1A0519 | RT31052 | DATA COMMUNICATION                       | 29       | 33       | 3       |
| 15BQ1A0519 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 49       | 3       |
| 15BQ1A0519 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 37       | 3       |
| 15BQ1A0519 | RT31055 | OPERATING SYSTEMS                        | 30       | 32       | 3       |
| 15BQ1A0519 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0519 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 48       | 2       |
| 15BQ1A0519 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 41       | 2       |
| 15BQ1A0519 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0520 | RT31051 | COMPILER DESIGN                          | 30       | 47       | 3       |
| 15BQ1A0520 | RT31052 | DATA COMMUNICATION                       | 30       | 70       | 3       |
| 15BQ1A0520 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 42       | 3       |
| 15BQ1A0520 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 56       | 3       |
| 15BQ1A0520 | RT31055 | OPERATING SYSTEMS                        | 29       | 28       | 3       |
| 15BQ1A0520 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0520 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 49       | 2       |
| 15BQ1A0520 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 44       | 2       |
| 15BQ1A0520 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0521 | RT31051 | COMPILER DESIGN                          | 30       | 51       | 3       |
| 15BQ1A0521 | RT31052 | DATA COMMUNICATION                       | 30       | 40       | 3       |
| 15BQ1A0521 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 45       | 3       |
| 15BQ1A0521 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 43       | 3       |
| 15BQ1A0521 | RT31055 | OPERATING SYSTEMS                        | 30       | 61       | 3       |
| 15BQ1A0521 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0521 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 47       | 2       |
| 15BQ1A0521 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A0521 | RT31059 | SEMINAR                                  | 49       | 0        | 1       |
| 15BQ1A0522 | RT31051 | COMPILER DESIGN                          | 30       | 57       | 3       |
| 15BQ1A0522 | RT31052 | DATA COMMUNICATION                       | 30       | 36       | 3       |
| 15BQ1A0522 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 45       | 3       |
| 15BQ1A0522 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 39       | 3       |
| 15BQ1A0522 | RT31055 | OPERATING SYSTEMS                        | 30       | 41       | 3       |
| 15BQ1A0522 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0522 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 49       | 2       |
| 15BQ1A0522 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 46       | 2       |
| 15BQ1A0522 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0523 | RT31051 | COMPILER DESIGN                          | 23       | 49       | 3       |
| 15BQ1A0523 | RT31052 | DATA COMMUNICATION                       | 28       | 28       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0523 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 17       | 46       | 3       |
| 15BQ1A0523 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 19       | 18       | 0       |
| 15BQ1A0523 | RT31055 | OPERATING SYSTEMS                        | 18       | 24       | 3       |
| 15BQ1A0523 | RT31056 | COMPILER DESIGN LAB                      | 20       | 40       | 2       |
| 15BQ1A0523 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 13       | 30       | 2       |
| 15BQ1A0523 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 19       | 37       | 2       |
| 15BQ1A0523 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0524 | RT31051 | COMPILER DESIGN                          | 29       | 50       | 3       |
| 15BQ1A0524 | RT31052 | DATA COMMUNICATION                       | 28       | 65       | 3       |
| 15BQ1A0524 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 47       | 3       |
| 15BQ1A0524 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 51       | 3       |
| 15BQ1A0524 | RT31055 | OPERATING SYSTEMS                        | 29       | 41       | 3       |
| 15BQ1A0524 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A0524 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 42       | 2       |
| 15BQ1A0524 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 46       | 2       |
| 15BQ1A0524 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0525 | RT31051 | COMPILER DESIGN                          | 27       | 44       | 3       |
| 15BQ1A0525 | RT31052 | DATA COMMUNICATION                       | 27       | 37       | 3       |
| 15BQ1A0525 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 32       | 3       |
| 15BQ1A0525 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 24       | 3       |
| 15BQ1A0525 | RT31055 | OPERATING SYSTEMS                        | 24       | 37       | 3       |
| 15BQ1A0525 | RT31056 | COMPILER DESIGN LAB                      | 23       | 45       | 2       |
| 15BQ1A0525 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 17       | 35       | 2       |
| 15BQ1A0525 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 19       | 45       | 2       |
| 15BQ1A0525 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0526 | RT31051 | COMPILER DESIGN                          | 28       | 48       | 3       |
| 15BQ1A0526 | RT31052 | DATA COMMUNICATION                       | 29       | 38       | 3       |
| 15BQ1A0526 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 43       | 3       |
| 15BQ1A0526 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 41       | 3       |
| 15BQ1A0526 | RT31055 | OPERATING SYSTEMS                        | 30       | 37       | 3       |
| 15BQ1A0526 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0526 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 47       | 2       |
| 15BQ1A0526 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 45       | 2       |
| 15BQ1A0526 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0527 | RT31051 | COMPILER DESIGN                          | 29       | 56       | 3       |
| 15BQ1A0527 | RT31052 | DATA COMMUNICATION                       | 28       | 31       | 3       |
| 15BQ1A0527 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 47       | 3       |
| 15BQ1A0527 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 10       | 0       |
| 15BQ1A0527 | RT31055 | OPERATING SYSTEMS                        | 30       | 38       | 3       |
| 15BQ1A0527 | RT31056 | COMPILER DESIGN LAB                      | 23       | 47       | 2       |
| 15BQ1A0527 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 47       | 2       |
| 15BQ1A0527 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 43       | 2       |
| 15BQ1A0527 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0528 | RT31051 | COMPILER DESIGN                          | 30       | 47       | 3       |
| 15BQ1A0528 | RT31052 | DATA COMMUNICATION                       | 29       | 68       | 3       |
| 15BQ1A0528 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 48       | 3       |
| 15BQ1A0528 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 36       | 3       |
| 15BQ1A0528 | RT31055 | OPERATING SYSTEMS                        | 25       | 36       | 3       |
| 15BQ1A0528 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0528 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 48       | 2       |



| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0528 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 42       | 2       |
| 15BQ1A0528 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0529 | RT31051 | COMPILER DESIGN                          | 25       | 39       | 3       |
| 15BQ1A0529 | RT31052 | DATA COMMUNICATION                       | 28       | 36       | 3       |
| 15BQ1A0529 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 24       | 3       |
| 15BQ1A0529 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 22       | 34       | 3       |
| 15BQ1A0529 | RT31055 | OPERATING SYSTEMS                        | 22       | 45       | 3       |
| 15BQ1A0529 | RT31056 | COMPILER DESIGN LAB                      | 21       | 44       | 2       |
| 15BQ1A0529 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 16       | 38       | 2       |
| 15BQ1A0529 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 19       | 38       | 2       |
| 15BQ1A0529 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0530 | RT31051 | COMPILER DESIGN                          | 29       | 42       | 3       |
| 15BQ1A0530 | RT31052 | DATA COMMUNICATION                       | 30       | 40       | 3       |
| 15BQ1A0530 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 40       | 3       |
| 15BQ1A0530 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 42       | 3       |
| 15BQ1A0530 | RT31055 | OPERATING SYSTEMS                        | 30       | 53       | 3       |
| 15BQ1A0530 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A0530 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 50       | 2       |
| 15BQ1A0530 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A0530 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0531 | RT31051 | COMPILER DESIGN                          | 28       | 13       | 0       |
| 15BQ1A0531 | RT31052 | DATA COMMUNICATION                       | 24       | 11       | 0       |
| 15BQ1A0531 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 39       | 3       |
| 15BQ1A0531 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 3        | 0       |
| 15BQ1A0531 | RT31055 | OPERATING SYSTEMS                        | 26       | 14       | 0       |
| 15BQ1A0531 | RT31056 | COMPILER DESIGN LAB                      | 21       | 44       | 2       |
| 15BQ1A0531 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 14       | 38       | 2       |
| 15BQ1A0531 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 41       | 2       |
| 15BQ1A0531 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0532 | RT31051 | COMPILER DESIGN                          | 28       | 54       | 3       |
| 15BQ1A0532 | RT31052 | DATA COMMUNICATION                       | 28       | 60       | 3       |
| 15BQ1A0532 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 51       | 3       |
| 15BQ1A0532 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 63       | 3       |
| 15BQ1A0532 | RT31055 | OPERATING SYSTEMS                        | 30       | 38       | 3       |
| 15BQ1A0532 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0532 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 48       | 2       |
| 15BQ1A0532 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A0532 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0533 | RT31051 | COMPILER DESIGN                          | 26       | 8        | 0       |
| 15BQ1A0533 | RT31052 | DATA COMMUNICATION                       | 21       | 39       | 3       |
| 15BQ1A0533 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 22       | 9        | 0       |
| 15BQ1A0533 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 22       | 7        | 0       |
| 15BQ1A0533 | RT31055 | OPERATING SYSTEMS                        | 26       | 6        | 0       |
| 15BQ1A0533 | RT31056 | COMPILER DESIGN LAB                      | 22       | 43       | 2       |
| 15BQ1A0533 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 13       | 30       | 2       |
| 15BQ1A0533 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 42       | 2       |
| 15BQ1A0533 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0534 | RT31051 | COMPILER DESIGN                          | 23       | 42       | 3       |
| 15BQ1A0534 | RT31052 | DATA COMMUNICATION                       | 29       | 37       | 3       |
| 15BQ1A0534 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 19       | 31       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0534 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 22       | 32       | 3       |
| 15BQ1A0534 | RT31055 | OPERATING SYSTEMS                        | 18       | 42       | 3       |
| 15BQ1A0534 | RT31056 | COMPILER DESIGN LAB                      | 22       | 42       | 2       |
| 15BQ1A0534 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 13       | 30       | 2       |
| 15BQ1A0534 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 48       | 2       |
| 15BQ1A0534 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0535 | RT31051 | COMPILER DESIGN                          | 28       | 62       | 3       |
| 15BQ1A0535 | RT31052 | DATA COMMUNICATION                       | 30       | 39       | 3       |
| 15BQ1A0535 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 55       | 3       |
| 15BQ1A0535 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 48       | 3       |
| 15BQ1A0535 | RT31055 | OPERATING SYSTEMS                        | 25       | 54       | 3       |
| 15BQ1A0535 | RT31056 | COMPILER DESIGN LAB                      | 23       | 48       | 2       |
| 15BQ1A0535 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 41       | 2       |
| 15BQ1A0535 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A0535 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0536 | RT31051 | COMPILER DESIGN                          | 26       | 48       | 3       |
| 15BQ1A0536 | RT31052 | DATA COMMUNICATION                       | 23       | 14       | 0       |
| 15BQ1A0536 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 32       | 3       |
| 15BQ1A0536 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 36       | 3       |
| 15BQ1A0536 | RT31055 | OPERATING SYSTEMS                        | 23       | 25       | 3       |
| 15BQ1A0536 | RT31056 | COMPILER DESIGN LAB                      | 23       | 47       | 2       |
| 15BQ1A0536 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 42       | 2       |
| 15BQ1A0536 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 44       | 2       |
| 15BQ1A0536 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0537 | RT31051 | COMPILER DESIGN                          | 30       | 56       | 3       |
| 15BQ1A0537 | RT31052 | DATA COMMUNICATION                       | 29       | 53       | 3       |
| 15BQ1A0537 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 31       | 3       |
| 15BQ1A0537 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 29       | 3       |
| 15BQ1A0537 | RT31055 | OPERATING SYSTEMS                        | 26       | 34       | 3       |
| 15BQ1A0537 | RT31056 | COMPILER DESIGN LAB                      | 23       | 48       | 2       |
| 15BQ1A0537 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 48       | 2       |
| 15BQ1A0537 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A0537 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0538 | RT31051 | COMPILER DESIGN                          | 29       | 48       | 3       |
| 15BQ1A0538 | RT31052 | DATA COMMUNICATION                       | 29       | 39       | 3       |
| 15BQ1A0538 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 43       | 3       |
| 15BQ1A0538 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 19       | 29       | 3       |
| 15BQ1A0538 | RT31055 | OPERATING SYSTEMS                        | 26       | 32       | 3       |
| 15BQ1A0538 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A0538 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 46       | 2       |
| 15BQ1A0538 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 43       | 2       |
| 15BQ1A0538 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0539 | RT31051 | COMPILER DESIGN                          | 30       | 57       | 3       |
| 15BQ1A0539 | RT31052 | DATA COMMUNICATION                       | 30       | 39       | 3       |
| 15BQ1A0539 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 44       | 3       |
| 15BQ1A0539 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 42       | 3       |
| 15BQ1A0539 | RT31055 | OPERATING SYSTEMS                        | 30       | 55       | 3       |
| 15BQ1A0539 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0539 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 49       | 2       |
| 15BQ1A0539 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 48       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0539 | RT31059 | SEMINAR                                  | 49       | 0        | 1       |
| 15BQ1A0540 | RT31051 | COMPILER DESIGN                          | 30       | 38       | 3       |
| 15BQ1A0540 | RT31052 | DATA COMMUNICATION                       | 29       | 66       | 3       |
| 15BQ1A0540 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 37       | 3       |
| 15BQ1A0540 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 38       | 3       |
| 15BQ1A0540 | RT31055 | OPERATING SYSTEMS                        | 29       | 30       | 3       |
| 15BQ1A0540 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0540 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 50       | 2       |
| 15BQ1A0540 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 46       | 2       |
| 15BQ1A0540 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0542 | RT31051 | COMPILER DESIGN                          | 30       | 61       | 3       |
| 15BQ1A0542 | RT31052 | DATA COMMUNICATION                       | 28       | 46       | 3       |
| 15BQ1A0542 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 49       | 3       |
| 15BQ1A0542 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 43       | 3       |
| 15BQ1A0542 | RT31055 | OPERATING SYSTEMS                        | 26       | 26       | 3       |
| 15BQ1A0542 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A0542 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A0542 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A0542 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A0543 | RT31051 | COMPILER DESIGN                          | 30       | 42       | 3       |
| 15BQ1A0543 | RT31052 | DATA COMMUNICATION                       | 27       | 42       | 3       |
| 15BQ1A0543 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 35       | 3       |
| 15BQ1A0543 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 43       | 3       |
| 15BQ1A0543 | RT31055 | OPERATING SYSTEMS                        | 26       | 39       | 3       |
| 15BQ1A0543 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A0543 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 47       | 2       |
| 15BQ1A0543 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 46       | 2       |
| 15BQ1A0543 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0544 | RT31051 | COMPILER DESIGN                          | 26       | 60       | 3       |
| 15BQ1A0544 | RT31052 | DATA COMMUNICATION                       | 27       | 27       | 3       |
| 15BQ1A0544 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 50       | 3       |
| 15BQ1A0544 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 46       | 3       |
| 15BQ1A0544 | RT31055 | OPERATING SYSTEMS                        | 22       | 38       | 3       |
| 15BQ1A0544 | RT31056 | COMPILER DESIGN LAB                      | 23       | 47       | 2       |
| 15BQ1A0544 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 19       | 43       | 2       |
| 15BQ1A0544 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 43       | 2       |
| 15BQ1A0544 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0545 | RT31051 | COMPILER DESIGN                          | 29       | 32       | 3       |
| 15BQ1A0545 | RT31052 | DATA COMMUNICATION                       | 28       | 68       | 3       |
| 15BQ1A0545 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 37       | 3       |
| 15BQ1A0545 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 47       | 3       |
| 15BQ1A0545 | RT31055 | OPERATING SYSTEMS                        | 30       | 38       | 3       |
| 15BQ1A0545 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0545 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 49       | 2       |
| 15BQ1A0545 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 48       | 2       |
| 15BQ1A0545 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0546 | RT31051 | COMPILER DESIGN                          | 24       | 31       | 3       |
| 15BQ1A0546 | RT31052 | DATA COMMUNICATION                       | 26       | 42       | 3       |
| 15BQ1A0546 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 40       | 3       |
| 15BQ1A0546 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 28       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0546 | RT31055 | OPERATING SYSTEMS                        | 25       | 44       | 3       |
| 15BQ1A0546 | RT31056 | COMPILER DESIGN LAB                      | 23       | 44       | 2       |
| 15BQ1A0546 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 19       | 39       | 2       |
| 15BQ1A0546 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 46       | 2       |
| 15BQ1A0546 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0547 | RT31051 | COMPILER DESIGN                          | 27       | 39       | 3       |
| 15BQ1A0547 | RT31052 | DATA COMMUNICATION                       | 29       | 27       | 3       |
| 15BQ1A0547 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 35       | 3       |
| 15BQ1A0547 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 39       | 3       |
| 15BQ1A0547 | RT31055 | OPERATING SYSTEMS                        | 25       | 29       | 3       |
| 15BQ1A0547 | RT31056 | COMPILER DESIGN LAB                      | 25       | 48       | 2       |
| 15BQ1A0547 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 46       | 2       |
| 15BQ1A0547 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 41       | 2       |
| 15BQ1A0547 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0548 | RT31051 | COMPILER DESIGN                          | 19       | 36       | 3       |
| 15BQ1A0548 | RT31052 | DATA COMMUNICATION                       | 23       | 24       | 3       |
| 15BQ1A0548 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 18       | 36       | 3       |
| 15BQ1A0548 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 8        | 0       |
| 15BQ1A0548 | RT31055 | OPERATING SYSTEMS                        | 17       | 34       | 3       |
| 15BQ1A0548 | RT31056 | COMPILER DESIGN LAB                      | 21       | 43       | 2       |
| 15BQ1A0548 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 13       | 39       | 2       |
| 15BQ1A0548 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 19       | 39       | 2       |
| 15BQ1A0548 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0549 | RT31051 | COMPILER DESIGN                          | 24       | 24       | 3       |
| 15BQ1A0549 | RT31052 | DATA COMMUNICATION                       | 27       | 60       | 3       |
| 15BQ1A0549 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 31       | 3       |
| 15BQ1A0549 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 24       | 3       |
| 15BQ1A0549 | RT31055 | OPERATING SYSTEMS                        | 23       | 26       | 3       |
| 15BQ1A0549 | RT31056 | COMPILER DESIGN LAB                      | 20       | 44       | 2       |
| 15BQ1A0549 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 13       | 34       | 2       |
| 15BQ1A0549 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 43       | 2       |
| 15BQ1A0549 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0550 | RT31051 | COMPILER DESIGN                          | 30       | 48       | 3       |
| 15BQ1A0550 | RT31052 | DATA COMMUNICATION                       | 29       | 52       | 3       |
| 15BQ1A0550 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 59       | 3       |
| 15BQ1A0550 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 28       | 3       |
| 15BQ1A0550 | RT31055 | OPERATING SYSTEMS                        | 29       | 61       | 3       |
| 15BQ1A0550 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0550 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 50       | 2       |
| 15BQ1A0550 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 50       | 2       |
| 15BQ1A0550 | RT31059 | SEMINAR                                  | 49       | 0        | 1       |
| 15BQ1A0551 | RT31051 | COMPILER DESIGN                          | 29       | 44       | 3       |
| 15BQ1A0551 | RT31052 | DATA COMMUNICATION                       | 29       | 49       | 3       |
| 15BQ1A0551 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 36       | 3       |
| 15BQ1A0551 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 49       | 3       |
| 15BQ1A0551 | RT31055 | OPERATING SYSTEMS                        | 27       | 42       | 3       |
| 15BQ1A0551 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A0551 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A0551 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A0551 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0552 | RT31051 | COMPILER DESIGN                          | 27       | 70       | 3       |
| 15BQ1A0552 | RT31052 | DATA COMMUNICATION                       | 28       | 34       | 3       |
| 15BQ1A0552 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 51       | 3       |
| 15BQ1A0552 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 52       | 3       |
| 15BQ1A0552 | RT31055 | OPERATING SYSTEMS                        | 24       | 57       | 3       |
| 15BQ1A0552 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0552 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A0552 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A0552 | RT31059 | SEMINAR                                  | 49       | 0        | 1       |
| 15BQ1A0553 | RT31051 | COMPILER DESIGN                          | 29       | 42       | 3       |
| 15BQ1A0553 | RT31052 | DATA COMMUNICATION                       | 30       | 70       | 3       |
| 15BQ1A0553 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 70       | 3       |
| 15BQ1A0553 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 61       | 3       |
| 15BQ1A0553 | RT31055 | OPERATING SYSTEMS                        | 30       | 47       | 3       |
| 15BQ1A0553 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A0553 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A0553 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A0553 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A0554 | RT31051 | COMPILER DESIGN                          | 29       | 42       | 3       |
| 15BQ1A0554 | RT31052 | DATA COMMUNICATION                       | 30       | 53       | 3       |
| 15BQ1A0554 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 51       | 3       |
| 15BQ1A0554 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 38       | 3       |
| 15BQ1A0554 | RT31055 | OPERATING SYSTEMS                        | 30       | 54       | 3       |
| 15BQ1A0554 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0554 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 49       | 2       |
| 15BQ1A0554 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A0554 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A0555 | RT31051 | COMPILER DESIGN                          | 30       | 54       | 3       |
| 15BQ1A0555 | RT31052 | DATA COMMUNICATION                       | 30       | 51       | 3       |
| 15BQ1A0555 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 41       | 3       |
| 15BQ1A0555 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 46       | 3       |
| 15BQ1A0555 | RT31055 | OPERATING SYSTEMS                        | 29       | 48       | 3       |
| 15BQ1A0555 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A0555 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 49       | 2       |
| 15BQ1A0555 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A0555 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A0556 | RT31051 | COMPILER DESIGN                          | 27       | 32       | 3       |
| 15BQ1A0556 | RT31052 | DATA COMMUNICATION                       | 23       | 24       | 3       |
| 15BQ1A0556 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 31       | 3       |
| 15BQ1A0556 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 13       | 0       |
| 15BQ1A0556 | RT31055 | OPERATING SYSTEMS                        | 22       | 41       | 3       |
| 15BQ1A0556 | RT31056 | COMPILER DESIGN LAB                      | 22       | 47       | 2       |
| 15BQ1A0556 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 44       | 2       |
| 15BQ1A0556 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 46       | 2       |
| 15BQ1A0556 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0557 | RT31051 | COMPILER DESIGN                          | 26       | 38       | 3       |
| 15BQ1A0557 | RT31052 | DATA COMMUNICATION                       | 26       | 33       | 3       |
| 15BQ1A0557 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 42       | 3       |
| 15BQ1A0557 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 34       | 3       |
| 15BQ1A0557 | RT31055 | OPERATING SYSTEMS                        | 21       | 29       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0557 | RT31056 | COMPILER DESIGN LAB                      | 22       | 45       | 2       |
| 15BQ1A0557 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 39       | 2       |
| 15BQ1A0557 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 45       | 2       |
| 15BQ1A0557 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0558 | RT31051 | COMPILER DESIGN                          | 27       | 43       | 3       |
| 15BQ1A0558 | RT31052 | DATA COMMUNICATION                       | 27       | 28       | 3       |
| 15BQ1A0558 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 21       | 47       | 3       |
| 15BQ1A0558 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 18       | 33       | 3       |
| 15BQ1A0558 | RT31055 | OPERATING SYSTEMS                        | 24       | 28       | 3       |
| 15BQ1A0558 | RT31056 | COMPILER DESIGN LAB                      | 22       | 47       | 2       |
| 15BQ1A0558 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 15       | 40       | 2       |
| 15BQ1A0558 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 42       | 2       |
| 15BQ1A0558 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0559 | RT31051 | COMPILER DESIGN                          | 27       | 44       | 3       |
| 15BQ1A0559 | RT31052 | DATA COMMUNICATION                       | 29       | 36       | 3       |
| 15BQ1A0559 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 36       | 3       |
| 15BQ1A0559 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 33       | 3       |
| 15BQ1A0559 | RT31055 | OPERATING SYSTEMS                        | 25       | 42       | 3       |
| 15BQ1A0559 | RT31056 | COMPILER DESIGN LAB                      | 23       | 45       | 2       |
| 15BQ1A0559 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 44       | 2       |
| 15BQ1A0559 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 45       | 2       |
| 15BQ1A0559 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0560 | RT31051 | COMPILER DESIGN                          | 29       | 41       | 3       |
| 15BQ1A0560 | RT31052 | DATA COMMUNICATION                       | 30       | 31       | 3       |
| 15BQ1A0560 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 35       | 3       |
| 15BQ1A0560 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 16       | 0       |
| 15BQ1A0560 | RT31055 | OPERATING SYSTEMS                        | 25       | 39       | 3       |
| 15BQ1A0560 | RT31056 | COMPILER DESIGN LAB                      | 23       | 47       | 2       |
| 15BQ1A0560 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 48       | 2       |
| 15BQ1A0560 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 48       | 2       |
| 15BQ1A0560 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A0561 | RT31051 | COMPILER DESIGN                          | 17       | 29       | 3       |
| 15BQ1A0561 | RT31052 | DATA COMMUNICATION                       | 21       | 17       | 0       |
| 15BQ1A0561 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 17       | 16       | 0       |
| 15BQ1A0561 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 18       | 14       | 0       |
| 15BQ1A0561 | RT31055 | OPERATING SYSTEMS                        | 19       | 25       | 3       |
| 15BQ1A0561 | RT31056 | COMPILER DESIGN LAB                      | 20       | 40       | 2       |
| 15BQ1A0561 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 12       | 30       | 2       |
| 15BQ1A0561 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 17       | 39       | 2       |
| 15BQ1A0561 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0562 | RT31051 | COMPILER DESIGN                          | 27       | 34       | 3       |
| 15BQ1A0562 | RT31052 | DATA COMMUNICATION                       | 27       | 44       | 3       |
| 15BQ1A0562 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 46       | 3       |
| 15BQ1A0562 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 31       | 3       |
| 15BQ1A0562 | RT31055 | OPERATING SYSTEMS                        | 27       | 45       | 3       |
| 15BQ1A0562 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A0562 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A0562 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 45       | 2       |
| 15BQ1A0562 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0563 | RT31051 | COMPILER DESIGN                          | 29       | 36       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0563 | RT31052 | DATA COMMUNICATION                       | 27       | 36       | 3       |
| 15BQ1A0563 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 50       | 3       |
| 15BQ1A0563 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 39       | 3       |
| 15BQ1A0563 | RT31055 | OPERATING SYSTEMS                        | 30       | 42       | 3       |
| 15BQ1A0563 | RT31056 | COMPILER DESIGN LAB                      | 23       | 48       | 2       |
| 15BQ1A0563 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 47       | 2       |
| 15BQ1A0563 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 40       | 2       |
| 15BQ1A0563 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A0564 | RT31051 | COMPILER DESIGN                          | 30       | 53       | 3       |
| 15BQ1A0564 | RT31052 | DATA COMMUNICATION                       | 30       | 38       | 3       |
| 15BQ1A0564 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 52       | 3       |
| 15BQ1A0564 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 53       | 3       |
| 15BQ1A0564 | RT31055 | OPERATING SYSTEMS                        | 30       | 43       | 3       |
| 15BQ1A0564 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A0564 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A0564 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A0564 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A0565 | RT31051 | COMPILER DESIGN                          | 22       | 24       | 3       |
| 15BQ1A0565 | RT31052 | DATA COMMUNICATION                       | 24       | 36       | 3       |
| 15BQ1A0565 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 16       | 9        | 0       |
| 15BQ1A0565 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 17       | 0       |
| 15BQ1A0565 | RT31055 | OPERATING SYSTEMS                        | 22       | 15       | 0       |
| 15BQ1A0565 | RT31056 | COMPILER DESIGN LAB                      | 21       | 41       | 2       |
| 15BQ1A0565 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 15       | 35       | 2       |
| 15BQ1A0565 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 17       | 37       | 2       |
| 15BQ1A0565 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0566 | RT31051 | COMPILER DESIGN                          | 24       | 49       | 3       |
| 15BQ1A0566 | RT31052 | DATA COMMUNICATION                       | 29       | 27       | 3       |
| 15BQ1A0566 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 45       | 3       |
| 15BQ1A0566 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 16       | 0       |
| 15BQ1A0566 | RT31055 | OPERATING SYSTEMS                        | 28       | 35       | 3       |
| 15BQ1A0566 | RT31056 | COMPILER DESIGN LAB                      | 22       | 46       | 2       |
| 15BQ1A0566 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 40       | 2       |
| 15BQ1A0566 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 40       | 2       |
| 15BQ1A0566 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0567 | RT31051 | COMPILER DESIGN                          | 30       | 53       | 3       |
| 15BQ1A0567 | RT31052 | DATA COMMUNICATION                       | 30       | 52       | 3       |
| 15BQ1A0567 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 35       | 3       |
| 15BQ1A0567 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 48       | 3       |
| 15BQ1A0567 | RT31055 | OPERATING SYSTEMS                        | 30       | 49       | 3       |
| 15BQ1A0567 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A0567 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A0567 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 46       | 2       |
| 15BQ1A0567 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0568 | RT31051 | COMPILER DESIGN                          | 0        | -1       | 0       |
| 15BQ1A0568 | RT31052 | DATA COMMUNICATION                       | 4        | -1       | 0       |
| 15BQ1A0568 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 0        | -1       | 0       |
| 15BQ1A0568 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 0        | -1       | 0       |
| 15BQ1A0568 | RT31055 | OPERATING SYSTEMS                        | 0        | -1       | 0       |
| 15BQ1A0568 | RT31056 | COMPILER DESIGN LAB                      | 0        | -1       | 0       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0568 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 0        | -1       | 0       |
| 15BQ1A0568 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 0        | -1       | 0       |
| 15BQ1A0568 | RT31059 | SEMINAR                                  | -1       | 0        | 0       |
| 15BQ1A0569 | RT31051 | COMPILER DESIGN                          | 21       | 31       | 3       |
| 15BQ1A0569 | RT31052 | DATA COMMUNICATION                       | 29       | 42       | 3       |
| 15BQ1A0569 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 30       | 3       |
| 15BQ1A0569 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 36       | 3       |
| 15BQ1A0569 | RT31055 | OPERATING SYSTEMS                        | 21       | 24       | 3       |
| 15BQ1A0569 | RT31056 | COMPILER DESIGN LAB                      | 22       | 45       | 2       |
| 15BQ1A0569 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 38       | 2       |
| 15BQ1A0569 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 19       | 39       | 2       |
| 15BQ1A0569 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0570 | RT31051 | COMPILER DESIGN                          | 30       | 53       | 3       |
| 15BQ1A0570 | RT31052 | DATA COMMUNICATION                       | 30       | 54       | 3       |
| 15BQ1A0570 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 54       | 3       |
| 15BQ1A0570 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 49       | 3       |
| 15BQ1A0570 | RT31055 | OPERATING SYSTEMS                        | 29       | 64       | 3       |
| 15BQ1A0570 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A0570 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A0570 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A0570 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A0571 | RT31051 | COMPILER DESIGN                          | 23       | 30       | 3       |
| 15BQ1A0571 | RT31052 | DATA COMMUNICATION                       | 29       | 36       | 3       |
| 15BQ1A0571 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 31       | 3       |
| 15BQ1A0571 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 34       | 3       |
| 15BQ1A0571 | RT31055 | OPERATING SYSTEMS                        | 28       | 11       | 0       |
| 15BQ1A0571 | RT31056 | COMPILER DESIGN LAB                      | 21       | 43       | 2       |
| 15BQ1A0571 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 35       | 2       |
| 15BQ1A0571 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 37       | 2       |
| 15BQ1A0571 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0572 | RT31051 | COMPILER DESIGN                          | 22       | 24       | 3       |
| 15BQ1A0572 | RT31052 | DATA COMMUNICATION                       | 25       | 26       | 3       |
| 15BQ1A0572 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 24       | 3       |
| 15BQ1A0572 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 9        | 0       |
| 15BQ1A0572 | RT31055 | OPERATING SYSTEMS                        | 22       | 36       | 3       |
| 15BQ1A0572 | RT31056 | COMPILER DESIGN LAB                      | 22       | 44       | 2       |
| 15BQ1A0572 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 42       | 2       |
| 15BQ1A0572 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 17       | 39       | 2       |
| 15BQ1A0572 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0573 | RT31051 | COMPILER DESIGN                          | 21       | 30       | 3       |
| 15BQ1A0573 | RT31052 | DATA COMMUNICATION                       | 18       | 24       | 3       |
| 15BQ1A0573 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 21       | 19       | 0       |
| 15BQ1A0573 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 17       | 31       | 3       |
| 15BQ1A0573 | RT31055 | OPERATING SYSTEMS                        | 16       | 6        | 0       |
| 15BQ1A0573 | RT31056 | COMPILER DESIGN LAB                      | 19       | 42       | 2       |
| 15BQ1A0573 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 36       | 2       |
| 15BQ1A0573 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 18       | 42       | 2       |
| 15BQ1A0573 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0574 | RT31051 | COMPILER DESIGN                          | 28       | 33       | 3       |
| 15BQ1A0574 | RT31052 | DATA COMMUNICATION                       | 30       | 44       | 3       |



| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0574 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 33       | 3       |
| 15BQ1A0574 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 28       | 3       |
| 15BQ1A0574 | RT31055 | OPERATING SYSTEMS                        | 28       | 38       | 3       |
| 15BQ1A0574 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A0574 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 46       | 2       |
| 15BQ1A0574 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 43       | 2       |
| 15BQ1A0574 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0575 | RT31051 | COMPILER DESIGN                          | 27       | 47       | 3       |
| 15BQ1A0575 | RT31052 | DATA COMMUNICATION                       | 30       | 40       | 3       |
| 15BQ1A0575 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 36       | 3       |
| 15BQ1A0575 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 41       | 3       |
| 15BQ1A0575 | RT31055 | OPERATING SYSTEMS                        | 30       | 39       | 3       |
| 15BQ1A0575 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0575 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 48       | 2       |
| 15BQ1A0575 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 40       | 2       |
| 15BQ1A0575 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A0576 | RT31051 | COMPILER DESIGN                          | 25       | 38       | 3       |
| 15BQ1A0576 | RT31052 | DATA COMMUNICATION                       | 29       | 31       | 3       |
| 15BQ1A0576 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 48       | 3       |
| 15BQ1A0576 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 42       | 3       |
| 15BQ1A0576 | RT31055 | OPERATING SYSTEMS                        | 26       | 48       | 3       |
| 15BQ1A0576 | RT31056 | COMPILER DESIGN LAB                      | 23       | 46       | 2       |
| 15BQ1A0576 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 45       | 2       |
| 15BQ1A0576 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 40       | 2       |
| 15BQ1A0576 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0577 | RT31051 | COMPILER DESIGN                          | 17       | 24       | 3       |
| 15BQ1A0577 | RT31052 | DATA COMMUNICATION                       | 16       | 43       | 3       |
| 15BQ1A0577 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 17       | 18       | 0       |
| 15BQ1A0577 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 17       | 24       | 3       |
| 15BQ1A0577 | RT31055 | OPERATING SYSTEMS                        | 17       | 20       | 0       |
| 15BQ1A0577 | RT31056 | COMPILER DESIGN LAB                      | 22       | 38       | 2       |
| 15BQ1A0577 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 12       | 28       | 2       |
| 15BQ1A0577 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 19       | 37       | 2       |
| 15BQ1A0577 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0578 | RT31051 | COMPILER DESIGN                          | 30       | 45       | 3       |
| 15BQ1A0578 | RT31052 | DATA COMMUNICATION                       | 30       | 39       | 3       |
| 15BQ1A0578 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 43       | 3       |
| 15BQ1A0578 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 44       | 3       |
| 15BQ1A0578 | RT31055 | OPERATING SYSTEMS                        | 30       | 50       | 3       |
| 15BQ1A0578 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A0578 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A0578 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 50       | 2       |
| 15BQ1A0578 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A0579 | RT31051 | COMPILER DESIGN                          | 30       | 51       | 3       |
| 15BQ1A0579 | RT31052 | DATA COMMUNICATION                       | 29       | 39       | 3       |
| 15BQ1A0579 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 41       | 3       |
| 15BQ1A0579 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 37       | 3       |
| 15BQ1A0579 | RT31055 | OPERATING SYSTEMS                        | 28       | 36       | 3       |
| 15BQ1A0579 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A0579 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 44       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0579 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 49       | 2       |
| 15BQ1A0579 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0580 | RT31051 | COMPILER DESIGN                          | 30       | 40       | 3       |
| 15BQ1A0580 | RT31052 | DATA COMMUNICATION                       | 29       | 29       | 3       |
| 15BQ1A0580 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 44       | 3       |
| 15BQ1A0580 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 46       | 3       |
| 15BQ1A0580 | RT31055 | OPERATING SYSTEMS                        | 30       | 50       | 3       |
| 15BQ1A0580 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A0580 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 43       | 2       |
| 15BQ1A0580 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 49       | 2       |
| 15BQ1A0580 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A0581 | RT31051 | COMPILER DESIGN                          | 19       | 17       | 0       |
| 15BQ1A0581 | RT31052 | DATA COMMUNICATION                       | 23       | 17       | 0       |
| 15BQ1A0581 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 18       | 11       | 0       |
| 15BQ1A0581 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 17       | 6        | 0       |
| 15BQ1A0581 | RT31055 | OPERATING SYSTEMS                        | 18       | 25       | 3       |
| 15BQ1A0581 | RT31056 | COMPILER DESIGN LAB                      | 20       | 40       | 2       |
| 15BQ1A0581 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 14       | 30       | 2       |
| 15BQ1A0581 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 18       | 37       | 2       |
| 15BQ1A0581 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0582 | RT31051 | COMPILER DESIGN                          | 28       | 28       | 3       |
| 15BQ1A0582 | RT31052 | DATA COMMUNICATION                       | 30       | 17       | 0       |
| 15BQ1A0582 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 44       | 3       |
| 15BQ1A0582 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 24       | 3       |
| 15BQ1A0582 | RT31055 | OPERATING SYSTEMS                        | 25       | 33       | 3       |
| 15BQ1A0582 | RT31056 | COMPILER DESIGN LAB                      | 20       | 44       | 2       |
| 15BQ1A0582 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 46       | 2       |
| 15BQ1A0582 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 40       | 2       |
| 15BQ1A0582 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0583 | RT31051 | COMPILER DESIGN                          | 23       | 36       | 3       |
| 15BQ1A0583 | RT31052 | DATA COMMUNICATION                       | 27       | 49       | 3       |
| 15BQ1A0583 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 18       | 31       | 3       |
| 15BQ1A0583 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 28       | 3       |
| 15BQ1A0583 | RT31055 | OPERATING SYSTEMS                        | 22       | 31       | 3       |
| 15BQ1A0583 | RT31056 | COMPILER DESIGN LAB                      | 21       | 45       | 2       |
| 15BQ1A0583 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 14       | 32       | 2       |
| 15BQ1A0583 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 18       | 40       | 2       |
| 15BQ1A0583 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0585 | RT31051 | COMPILER DESIGN                          | 27       | 31       | 3       |
| 15BQ1A0585 | RT31052 | DATA COMMUNICATION                       | 26       | 53       | 3       |
| 15BQ1A0585 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 43       | 3       |
| 15BQ1A0585 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 11       | 0       |
| 15BQ1A0585 | RT31055 | OPERATING SYSTEMS                        | 28       | 31       | 3       |
| 15BQ1A0585 | RT31056 | COMPILER DESIGN LAB                      | 24       | 47       | 2       |
| 15BQ1A0585 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 40       | 2       |
| 15BQ1A0585 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 42       | 2       |
| 15BQ1A0585 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0586 | RT31051 | COMPILER DESIGN                          | 26       | 32       | 3       |
| 15BQ1A0586 | RT31052 | DATA COMMUNICATION                       | 28       | 42       | 3       |
| 15BQ1A0586 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 34       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0586 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 22       | 31       | 3       |
| 15BQ1A0586 | RT31055 | OPERATING SYSTEMS                        | 27       | 25       | 3       |
| 15BQ1A0586 | RT31056 | COMPILER DESIGN LAB                      | 23       | 47       | 2       |
| 15BQ1A0586 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 40       | 2       |
| 15BQ1A0586 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 49       | 2       |
| 15BQ1A0586 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0587 | RT31051 | COMPILER DESIGN                          | 26       | 30       | 3       |
| 15BQ1A0587 | RT31052 | DATA COMMUNICATION                       | 24       | 24       | 3       |
| 15BQ1A0587 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 21       | 50       | 3       |
| 15BQ1A0587 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 30       | 3       |
| 15BQ1A0587 | RT31055 | OPERATING SYSTEMS                        | 21       | 28       | 3       |
| 15BQ1A0587 | RT31056 | COMPILER DESIGN LAB                      | 20       | 46       | 2       |
| 15BQ1A0587 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 15       | 29       | 2       |
| 15BQ1A0587 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 19       | 48       | 2       |
| 15BQ1A0587 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0588 | RT31051 | COMPILER DESIGN                          | 26       | 36       | 3       |
| 15BQ1A0588 | RT31052 | DATA COMMUNICATION                       | 29       | 45       | 3       |
| 15BQ1A0588 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 33       | 3       |
| 15BQ1A0588 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 28       | 3       |
| 15BQ1A0588 | RT31055 | OPERATING SYSTEMS                        | 28       | 24       | 3       |
| 15BQ1A0588 | RT31056 | COMPILER DESIGN LAB                      | 22       | 46       | 2       |
| 15BQ1A0588 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 41       | 2       |
| 15BQ1A0588 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 48       | 2       |
| 15BQ1A0588 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0589 | RT31051 | COMPILER DESIGN                          | 26       | 24       | 3       |
| 15BQ1A0589 | RT31052 | DATA COMMUNICATION                       | 25       | 46       | 3       |
| 15BQ1A0589 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 27       | 3       |
| 15BQ1A0589 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 29       | 3       |
| 15BQ1A0589 | RT31055 | OPERATING SYSTEMS                        | 25       | 19       | 0       |
| 15BQ1A0589 | RT31056 | COMPILER DESIGN LAB                      | 20       | 45       | 2       |
| 15BQ1A0589 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 16       | 38       | 2       |
| 15BQ1A0589 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 39       | 2       |
| 15BQ1A0589 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0590 | RT31051 | COMPILER DESIGN                          | 18       | 33       | 3       |
| 15BQ1A0590 | RT31052 | DATA COMMUNICATION                       | 16       | 33       | 3       |
| 15BQ1A0590 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 17       | 31       | 3       |
| 15BQ1A0590 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 31       | 3       |
| 15BQ1A0590 | RT31055 | OPERATING SYSTEMS                        | 22       | 27       | 3       |
| 15BQ1A0590 | RT31056 | COMPILER DESIGN LAB                      | 22       | 44       | 2       |
| 15BQ1A0590 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 31       | 2       |
| 15BQ1A0590 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 16       | 40       | 2       |
| 15BQ1A0590 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0591 | RT31051 | COMPILER DESIGN                          | 20       | 11       | 0       |
| 15BQ1A0591 | RT31052 | DATA COMMUNICATION                       | 19       | 18       | 0       |
| 15BQ1A0591 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 16       | 13       | 0       |
| 15BQ1A0591 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 21       | 0       |
| 15BQ1A0591 | RT31055 | OPERATING SYSTEMS                        | 20       | 11       | 0       |
| 15BQ1A0591 | RT31056 | COMPILER DESIGN LAB                      | 20       | 40       | 2       |
| 15BQ1A0591 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 28       | 2       |
| 15BQ1A0591 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 18       | 39       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0591 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0592 | RT31051 | COMPILER DESIGN                          | 27       | 42       | 3       |
| 15BQ1A0592 | RT31052 | DATA COMMUNICATION                       | 30       | 51       | 3       |
| 15BQ1A0592 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 32       | 3       |
| 15BQ1A0592 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 34       | 3       |
| 15BQ1A0592 | RT31055 | OPERATING SYSTEMS                        | 26       | 40       | 3       |
| 15BQ1A0592 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A0592 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 47       | 2       |
| 15BQ1A0592 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 45       | 2       |
| 15BQ1A0592 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A0593 | RT31051 | COMPILER DESIGN                          | 29       | 50       | 3       |
| 15BQ1A0593 | RT31052 | DATA COMMUNICATION                       | 30       | 47       | 3       |
| 15BQ1A0593 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 42       | 3       |
| 15BQ1A0593 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 32       | 3       |
| 15BQ1A0593 | RT31055 | OPERATING SYSTEMS                        | 30       | 40       | 3       |
| 15BQ1A0593 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A0593 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 43       | 2       |
| 15BQ1A0593 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 50       | 2       |
| 15BQ1A0593 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A0594 | RT31051 | COMPILER DESIGN                          | 26       | 39       | 3       |
| 15BQ1A0594 | RT31052 | DATA COMMUNICATION                       | 27       | 24       | 3       |
| 15BQ1A0594 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 30       | 3       |
| 15BQ1A0594 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 37       | 3       |
| 15BQ1A0594 | RT31055 | OPERATING SYSTEMS                        | 24       | 34       | 3       |
| 15BQ1A0594 | RT31056 | COMPILER DESIGN LAB                      | 23       | 47       | 2       |
| 15BQ1A0594 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 41       | 2       |
| 15BQ1A0594 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 48       | 2       |
| 15BQ1A0594 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A0595 | RT31051 | COMPILER DESIGN                          | 28       | 33       | 3       |
| 15BQ1A0595 | RT31052 | DATA COMMUNICATION                       | 25       | 31       | 3       |
| 15BQ1A0595 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 27       | 3       |
| 15BQ1A0595 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 14       | 0       |
| 15BQ1A0595 | RT31055 | OPERATING SYSTEMS                        | 27       | 36       | 3       |
| 15BQ1A0595 | RT31056 | COMPILER DESIGN LAB                      | 22       | 47       | 2       |
| 15BQ1A0595 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 39       | 2       |
| 15BQ1A0595 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 19       | 47       | 2       |
| 15BQ1A0595 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A0596 | RT31051 | COMPILER DESIGN                          | 30       | 38       | 3       |
| 15BQ1A0596 | RT31052 | DATA COMMUNICATION                       | 29       | 34       | 3       |
| 15BQ1A0596 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 32       | 3       |
| 15BQ1A0596 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 30       | 3       |
| 15BQ1A0596 | RT31055 | OPERATING SYSTEMS                        | 29       | 37       | 3       |
| 15BQ1A0596 | RT31056 | COMPILER DESIGN LAB                      | 23       | 47       | 2       |
| 15BQ1A0596 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 46       | 2       |
| 15BQ1A0596 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 48       | 2       |
| 15BQ1A0596 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A0598 | RT31051 | COMPILER DESIGN                          | 30       | 53       | 3       |
| 15BQ1A0598 | RT31052 | DATA COMMUNICATION                       | 28       | 31       | 3       |
| 15BQ1A0598 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 47       | 3       |
| 15BQ1A0598 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 39       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A0598 | RT31055 | OPERATING SYSTEMS                        | 30       | 40       | 3       |
| 15BQ1A0598 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A0598 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A0598 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A0598 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A0599 | RT31051 | COMPILER DESIGN                          | 28       | 50       | 3       |
| 15BQ1A0599 | RT31052 | DATA COMMUNICATION                       | 29       | 57       | 3       |
| 15BQ1A0599 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 44       | 3       |
| 15BQ1A0599 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 47       | 3       |
| 15BQ1A0599 | RT31055 | OPERATING SYSTEMS                        | 28       | 34       | 3       |
| 15BQ1A0599 | RT31056 | COMPILER DESIGN LAB                      | 22       | 46       | 2       |
| 15BQ1A0599 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 47       | 2       |
| 15BQ1A0599 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 40       | 2       |
| 15BQ1A0599 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05A0 | RT31051 | COMPILER DESIGN                          | 26       | 24       | 3       |
| 15BQ1A05A0 | RT31052 | DATA COMMUNICATION                       | 26       | 28       | 3       |
| 15BQ1A05A0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 17       | 26       | 3       |
| 15BQ1A05A0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 28       | 3       |
| 15BQ1A05A0 | RT31055 | OPERATING SYSTEMS                        | 28       | 34       | 3       |
| 15BQ1A05A0 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A05A0 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 44       | 2       |
| 15BQ1A05A0 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 50       | 2       |
| 15BQ1A05A0 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05A1 | RT31051 | COMPILER DESIGN                          | 29       | 29       | 3       |
| 15BQ1A05A1 | RT31052 | DATA COMMUNICATION                       | 28       | 27       | 3       |
| 15BQ1A05A1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 32       | 3       |
| 15BQ1A05A1 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 33       | 3       |
| 15BQ1A05A1 | RT31055 | OPERATING SYSTEMS                        | 29       | 41       | 3       |
| 15BQ1A05A1 | RT31056 | COMPILER DESIGN LAB                      | 22       | 46       | 2       |
| 15BQ1A05A1 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 42       | 2       |
| 15BQ1A05A1 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 42       | 2       |
| 15BQ1A05A1 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05A2 | RT31051 | COMPILER DESIGN                          | 29       | 46       | 3       |
| 15BQ1A05A2 | RT31052 | DATA COMMUNICATION                       | 30       | 27       | 3       |
| 15BQ1A05A2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 45       | 3       |
| 15BQ1A05A2 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 14       | 0       |
| 15BQ1A05A2 | RT31055 | OPERATING SYSTEMS                        | 28       | 30       | 3       |
| 15BQ1A05A2 | RT31056 | COMPILER DESIGN LAB                      | 22       | 44       | 2       |
| 15BQ1A05A2 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 38       | 2       |
| 15BQ1A05A2 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 39       | 2       |
| 15BQ1A05A2 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05A3 | RT31051 | COMPILER DESIGN                          | 29       | 32       | 3       |
| 15BQ1A05A3 | RT31052 | DATA COMMUNICATION                       | 27       | 38       | 3       |
| 15BQ1A05A3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 22       | 31       | 3       |
| 15BQ1A05A3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 37       | 3       |
| 15BQ1A05A3 | RT31055 | OPERATING SYSTEMS                        | 26       | 34       | 3       |
| 15BQ1A05A3 | RT31056 | COMPILER DESIGN LAB                      | 22       | 46       | 2       |
| 15BQ1A05A3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 48       | 2       |
| 15BQ1A05A3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 45       | 2       |
| 15BQ1A05A3 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05A4 | RT31051 | COMPILER DESIGN                          | 28       | 30       | 3       |
| 15BQ1A05A4 | RT31052 | DATA COMMUNICATION                       | 29       | 25       | 3       |
| 15BQ1A05A4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 31       | 3       |
| 15BQ1A05A4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 28       | 3       |
| 15BQ1A05A4 | RT31055 | OPERATING SYSTEMS                        | 27       | 38       | 3       |
| 15BQ1A05A4 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A05A4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 42       | 2       |
| 15BQ1A05A4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 45       | 2       |
| 15BQ1A05A4 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05A5 | RT31051 | COMPILER DESIGN                          | 25       | 62       | 3       |
| 15BQ1A05A5 | RT31052 | DATA COMMUNICATION                       | 26       | 43       | 3       |
| 15BQ1A05A5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 47       | 3       |
| 15BQ1A05A5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 39       | 3       |
| 15BQ1A05A5 | RT31055 | OPERATING SYSTEMS                        | 25       | 29       | 3       |
| 15BQ1A05A5 | RT31056 | COMPILER DESIGN LAB                      | 23       | 48       | 2       |
| 15BQ1A05A5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 19       | 30       | 2       |
| 15BQ1A05A5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 43       | 2       |
| 15BQ1A05A5 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05A6 | RT31051 | COMPILER DESIGN                          | 27       | 58       | 3       |
| 15BQ1A05A6 | RT31052 | DATA COMMUNICATION                       | 29       | 33       | 3       |
| 15BQ1A05A6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 49       | 3       |
| 15BQ1A05A6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 11       | 0       |
| 15BQ1A05A6 | RT31055 | OPERATING SYSTEMS                        | 27       | 34       | 3       |
| 15BQ1A05A6 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A05A6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 46       | 2       |
| 15BQ1A05A6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 39       | 2       |
| 15BQ1A05A6 | RT31059 | SEMINAR                                  | 49       | 0        | 1       |
| 15BQ1A05A8 | RT31051 | COMPILER DESIGN                          | 23       | 25       | 3       |
| 15BQ1A05A8 | RT31052 | DATA COMMUNICATION                       | 27       | 38       | 3       |
| 15BQ1A05A8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 13       | 43       | 3       |
| 15BQ1A05A8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 22       | 41       | 3       |
| 15BQ1A05A8 | RT31055 | OPERATING SYSTEMS                        | 25       | 28       | 3       |
| 15BQ1A05A8 | RT31056 | COMPILER DESIGN LAB                      | 19       | 37       | 2       |
| 15BQ1A05A8 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 40       | 2       |
| 15BQ1A05A8 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 12       | 36       | 2       |
| 15BQ1A05A8 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05A9 | RT31051 | COMPILER DESIGN                          | 23       | 29       | 3       |
| 15BQ1A05A9 | RT31052 | DATA COMMUNICATION                       | 24       | 36       | 3       |
| 15BQ1A05A9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 12       | 22       | 0       |
| 15BQ1A05A9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 21       | 41       | 3       |
| 15BQ1A05A9 | RT31055 | OPERATING SYSTEMS                        | 23       | 24       | 3       |
| 15BQ1A05A9 | RT31056 | COMPILER DESIGN LAB                      | 22       | 47       | 2       |
| 15BQ1A05A9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 45       | 2       |
| 15BQ1A05A9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 45       | 2       |
| 15BQ1A05A9 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05B0 | RT31051 | COMPILER DESIGN                          | 23       | 17       | 0       |
| 15BQ1A05B0 | RT31052 | DATA COMMUNICATION                       | 30       | 40       | 3       |
| 15BQ1A05B0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 34       | 3       |
| 15BQ1A05B0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 34       | 3       |
| 15BQ1A05B0 | RT31055 | OPERATING SYSTEMS                        | 29       | 17       | 0       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05B0 | RT31056 | COMPILER DESIGN LAB                      | 22       | 46       | 2       |
| 15BQ1A05B0 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 40       | 2       |
| 15BQ1A05B0 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 40       | 2       |
| 15BQ1A05B0 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05B2 | RT31051 | COMPILER DESIGN                          | 22       | 35       | 3       |
| 15BQ1A05B2 | RT31052 | DATA COMMUNICATION                       | 26       | 29       | 3       |
| 15BQ1A05B2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 45       | 3       |
| 15BQ1A05B2 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 17       | 34       | 3       |
| 15BQ1A05B2 | RT31055 | OPERATING SYSTEMS                        | 22       | 24       | 3       |
| 15BQ1A05B2 | RT31056 | COMPILER DESIGN LAB                      | 20       | 41       | 2       |
| 15BQ1A05B2 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 13       | 30       | 2       |
| 15BQ1A05B2 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 19       | 36       | 2       |
| 15BQ1A05B2 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05B3 | RT31051 | COMPILER DESIGN                          | 24       | 9        | 0       |
| 15BQ1A05B3 | RT31052 | DATA COMMUNICATION                       | 21       | 16       | 0       |
| 15BQ1A05B3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 17       | 16       | 0       |
| 15BQ1A05B3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 17       | 11       | 0       |
| 15BQ1A05B3 | RT31055 | OPERATING SYSTEMS                        | 18       | 15       | 0       |
| 15BQ1A05B3 | RT31056 | COMPILER DESIGN LAB                      | 23       | 41       | 2       |
| 15BQ1A05B3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 41       | 2       |
| 15BQ1A05B3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 40       | 2       |
| 15BQ1A05B3 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05B4 | RT31051 | COMPILER DESIGN                          | 25       | 38       | 3       |
| 15BQ1A05B4 | RT31052 | DATA COMMUNICATION                       | 25       | 25       | 3       |
| 15BQ1A05B4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 22       | 27       | 3       |
| 15BQ1A05B4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 46       | 3       |
| 15BQ1A05B4 | RT31055 | OPERATING SYSTEMS                        | 23       | 24       | 3       |
| 15BQ1A05B4 | RT31056 | COMPILER DESIGN LAB                      | 21       | 40       | 2       |
| 15BQ1A05B4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 15       | 38       | 2       |
| 15BQ1A05B4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 18       | 40       | 2       |
| 15BQ1A05B4 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05B5 | RT31051 | COMPILER DESIGN                          | 27       | 17       | 0       |
| 15BQ1A05B5 | RT31052 | DATA COMMUNICATION                       | 28       | 38       | 3       |
| 15BQ1A05B5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 35       | 3       |
| 15BQ1A05B5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 31       | 3       |
| 15BQ1A05B5 | RT31055 | OPERATING SYSTEMS                        | 27       | 13       | 0       |
| 15BQ1A05B5 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A05B5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 42       | 2       |
| 15BQ1A05B5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 45       | 2       |
| 15BQ1A05B5 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05B6 | RT31051 | COMPILER DESIGN                          | 27       | 37       | 3       |
| 15BQ1A05B6 | RT31052 | DATA COMMUNICATION                       | 27       | 27       | 3       |
| 15BQ1A05B6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 35       | 3       |
| 15BQ1A05B6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 30       | 3       |
| 15BQ1A05B6 | RT31055 | OPERATING SYSTEMS                        | 23       | 27       | 3       |
| 15BQ1A05B6 | RT31056 | COMPILER DESIGN LAB                      | 20       | 42       | 2       |
| 15BQ1A05B6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 17       | 38       | 2       |
| 15BQ1A05B6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 38       | 2       |
| 15BQ1A05B6 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05B7 | RT31051 | COMPILER DESIGN                          | 29       | 29       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05B7 | RT31052 | DATA COMMUNICATION                       | 30       | 55       | 3       |
| 15BQ1A05B7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 54       | 3       |
| 15BQ1A05B7 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 41       | 3       |
| 15BQ1A05B7 | RT31055 | OPERATING SYSTEMS                        | 27       | 37       | 3       |
| 15BQ1A05B7 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A05B7 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 44       | 2       |
| 15BQ1A05B7 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 43       | 2       |
| 15BQ1A05B7 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A05B8 | RT31051 | COMPILER DESIGN                          | 20       | 13       | 0       |
| 15BQ1A05B8 | RT31052 | DATA COMMUNICATION                       | 26       | 28       | 3       |
| 15BQ1A05B8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 16       | 24       | 3       |
| 15BQ1A05B8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 21       | 45       | 3       |
| 15BQ1A05B8 | RT31055 | OPERATING SYSTEMS                        | 21       | 0        | 0       |
| 15BQ1A05B8 | RT31056 | COMPILER DESIGN LAB                      | 21       | 46       | 2       |
| 15BQ1A05B8 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 46       | 2       |
| 15BQ1A05B8 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 48       | 2       |
| 15BQ1A05B8 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05B9 | RT31051 | COMPILER DESIGN                          | 26       | 44       | 3       |
| 15BQ1A05B9 | RT31052 | DATA COMMUNICATION                       | 27       | 35       | 3       |
| 15BQ1A05B9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 35       | 3       |
| 15BQ1A05B9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 28       | 3       |
| 15BQ1A05B9 | RT31055 | OPERATING SYSTEMS                        | 27       | 27       | 3       |
| 15BQ1A05B9 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A05B9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 47       | 2       |
| 15BQ1A05B9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 50       | 2       |
| 15BQ1A05B9 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05C1 | RT31051 | COMPILER DESIGN                          | 26       | 36       | 3       |
| 15BQ1A05C1 | RT31052 | DATA COMMUNICATION                       | 27       | 31       | 3       |
| 15BQ1A05C1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 45       | 3       |
| 15BQ1A05C1 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 37       | 3       |
| 15BQ1A05C1 | RT31055 | OPERATING SYSTEMS                        | 28       | 36       | 3       |
| 15BQ1A05C1 | RT31056 | COMPILER DESIGN LAB                      | 22       | 42       | 2       |
| 15BQ1A05C1 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 44       | 2       |
| 15BQ1A05C1 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 44       | 2       |
| 15BQ1A05C1 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05C2 | RT31051 | COMPILER DESIGN                          | 27       | 51       | 3       |
| 15BQ1A05C2 | RT31052 | DATA COMMUNICATION                       | 25       | 55       | 3       |
| 15BQ1A05C2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 38       | 3       |
| 15BQ1A05C2 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 38       | 3       |
| 15BQ1A05C2 | RT31055 | OPERATING SYSTEMS                        | 27       | 31       | 3       |
| 15BQ1A05C2 | RT31056 | COMPILER DESIGN LAB                      | 22       | 43       | 2       |
| 15BQ1A05C2 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 45       | 2       |
| 15BQ1A05C2 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 38       | 2       |
| 15BQ1A05C2 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05C3 | RT31051 | COMPILER DESIGN                          | 17       | 24       | 3       |
| 15BQ1A05C3 | RT31052 | DATA COMMUNICATION                       | 17       | 30       | 3       |
| 15BQ1A05C3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 32       | 3       |
| 15BQ1A05C3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 22       | 19       | 0       |
| 15BQ1A05C3 | RT31055 | OPERATING SYSTEMS                        | 20       | 19       | 0       |
| 15BQ1A05C3 | RT31056 | COMPILER DESIGN LAB                      | 23       | 41       | 2       |



| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05C3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 46       | 2       |
| 15BQ1A05C3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 45       | 2       |
| 15BQ1A05C3 | RT31059 | SEMINAR                                  | 49       | 0        | 1       |
| 15BQ1A05C4 | RT31051 | COMPILER DESIGN                          | 28       | 47       | 3       |
| 15BQ1A05C4 | RT31052 | DATA COMMUNICATION                       | 30       | 38       | 3       |
| 15BQ1A05C4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 47       | 3       |
| 15BQ1A05C4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 48       | 3       |
| 15BQ1A05C4 | RT31055 | OPERATING SYSTEMS                        | 30       | 47       | 3       |
| 15BQ1A05C4 | RT31056 | COMPILER DESIGN LAB                      | 25       | 48       | 2       |
| 15BQ1A05C4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 50       | 2       |
| 15BQ1A05C4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A05C4 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A05C5 | RT31051 | COMPILER DESIGN                          | 23       | 33       | 3       |
| 15BQ1A05C5 | RT31052 | DATA COMMUNICATION                       | 29       | 28       | 3       |
| 15BQ1A05C5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 41       | 3       |
| 15BQ1A05C5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 15       | 0       |
| 15BQ1A05C5 | RT31055 | OPERATING SYSTEMS                        | 26       | 35       | 3       |
| 15BQ1A05C5 | RT31056 | COMPILER DESIGN LAB                      | 23       | 44       | 2       |
| 15BQ1A05C5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 45       | 2       |
| 15BQ1A05C5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 43       | 2       |
| 15BQ1A05C5 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05C6 | RT31051 | COMPILER DESIGN                          | 24       | 40       | 3       |
| 15BQ1A05C6 | RT31052 | DATA COMMUNICATION                       | 26       | 60       | 3       |
| 15BQ1A05C6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 18       | 0       |
| 15BQ1A05C6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 54       | 3       |
| 15BQ1A05C6 | RT31055 | OPERATING SYSTEMS                        | 24       | 34       | 3       |
| 15BQ1A05C6 | RT31056 | COMPILER DESIGN LAB                      | 23       | 46       | 2       |
| 15BQ1A05C6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 46       | 2       |
| 15BQ1A05C6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A05C6 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05C7 | RT31051 | COMPILER DESIGN                          | 29       | 51       | 3       |
| 15BQ1A05C7 | RT31052 | DATA COMMUNICATION                       | 29       | 53       | 3       |
| 15BQ1A05C7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 34       | 3       |
| 15BQ1A05C7 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 56       | 3       |
| 15BQ1A05C7 | RT31055 | OPERATING SYSTEMS                        | 30       | 60       | 3       |
| 15BQ1A05C7 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A05C7 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 50       | 2       |
| 15BQ1A05C7 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A05C7 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A05C8 | RT31051 | COMPILER DESIGN                          | 23       | 29       | 3       |
| 15BQ1A05C8 | RT31052 | DATA COMMUNICATION                       | 26       | 38       | 3       |
| 15BQ1A05C8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 15       | 0       |
| 15BQ1A05C8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 31       | 3       |
| 15BQ1A05C8 | RT31055 | OPERATING SYSTEMS                        | 23       | 37       | 3       |
| 15BQ1A05C8 | RT31056 | COMPILER DESIGN LAB                      | 21       | 46       | 2       |
| 15BQ1A05C8 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 42       | 2       |
| 15BQ1A05C8 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 36       | 2       |
| 15BQ1A05C8 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05C9 | RT31051 | COMPILER DESIGN                          | 25       | 37       | 3       |
| 15BQ1A05C9 | RT31052 | DATA COMMUNICATION                       | 28       | 25       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05C9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 38       | 3       |
| 15BQ1A05C9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 11       | 0       |
| 15BQ1A05C9 | RT31055 | OPERATING SYSTEMS                        | 27       | 43       | 3       |
| 15BQ1A05C9 | RT31056 | COMPILER DESIGN LAB                      | 22       | 47       | 2       |
| 15BQ1A05C9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 48       | 2       |
| 15BQ1A05C9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 42       | 2       |
| 15BQ1A05C9 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05D0 | RT31051 | COMPILER DESIGN                          | 28       | 41       | 3       |
| 15BQ1A05D0 | RT31052 | DATA COMMUNICATION                       | 29       | 64       | 3       |
| 15BQ1A05D0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 43       | 3       |
| 15BQ1A05D0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 44       | 3       |
| 15BQ1A05D0 | RT31055 | OPERATING SYSTEMS                        | 29       | 34       | 3       |
| 15BQ1A05D0 | RT31056 | COMPILER DESIGN LAB                      | 24       | 43       | 2       |
| 15BQ1A05D0 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 43       | 2       |
| 15BQ1A05D0 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 36       | 2       |
| 15BQ1A05D0 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05D1 | RT31051 | COMPILER DESIGN                          | 25       | 30       | 3       |
| 15BQ1A05D1 | RT31052 | DATA COMMUNICATION                       | 24       | 32       | 3       |
| 15BQ1A05D1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 30       | 3       |
| 15BQ1A05D1 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 29       | 3       |
| 15BQ1A05D1 | RT31055 | OPERATING SYSTEMS                        | 26       | 26       | 3       |
| 15BQ1A05D1 | RT31056 | COMPILER DESIGN LAB                      | 19       | 42       | 2       |
| 15BQ1A05D1 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 42       | 2       |
| 15BQ1A05D1 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 35       | 2       |
| 15BQ1A05D1 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05D2 | RT31051 | COMPILER DESIGN                          | 26       | 44       | 3       |
| 15BQ1A05D2 | RT31052 | DATA COMMUNICATION                       | 27       | 38       | 3       |
| 15BQ1A05D2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 39       | 3       |
| 15BQ1A05D2 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 37       | 3       |
| 15BQ1A05D2 | RT31055 | OPERATING SYSTEMS                        | 27       | 38       | 3       |
| 15BQ1A05D2 | RT31056 | COMPILER DESIGN LAB                      | 20       | 44       | 2       |
| 15BQ1A05D2 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 44       | 2       |
| 15BQ1A05D2 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 41       | 2       |
| 15BQ1A05D2 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05D3 | RT31051 | COMPILER DESIGN                          | 17       | 18       | 0       |
| 15BQ1A05D3 | RT31052 | DATA COMMUNICATION                       | 20       | 7        | 0       |
| 15BQ1A05D3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 27       | 3       |
| 15BQ1A05D3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 18       | 8        | 0       |
| 15BQ1A05D3 | RT31055 | OPERATING SYSTEMS                        | 17       | 24       | 3       |
| 15BQ1A05D3 | RT31056 | COMPILER DESIGN LAB                      | 17       | 36       | 2       |
| 15BQ1A05D3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 16       | 32       | 2       |
| 15BQ1A05D3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 17       | 35       | 2       |
| 15BQ1A05D3 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05D4 | RT31051 | COMPILER DESIGN                          | 28       | 52       | 3       |
| 15BQ1A05D4 | RT31052 | DATA COMMUNICATION                       | 29       | 44       | 3       |
| 15BQ1A05D4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 54       | 3       |
| 15BQ1A05D4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 44       | 3       |
| 15BQ1A05D4 | RT31055 | OPERATING SYSTEMS                        | 28       | 27       | 3       |
| 15BQ1A05D4 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A05D4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05D4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 46       | 2       |
| 15BQ1A05D4 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05D5 | RT31051 | COMPILER DESIGN                          | 26       | 55       | 3       |
| 15BQ1A05D5 | RT31052 | DATA COMMUNICATION                       | 25       | 33       | 3       |
| 15BQ1A05D5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 32       | 3       |
| 15BQ1A05D5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 48       | 3       |
| 15BQ1A05D5 | RT31055 | OPERATING SYSTEMS                        | 25       | 39       | 3       |
| 15BQ1A05D5 | RT31056 | COMPILER DESIGN LAB                      | 22       | 47       | 2       |
| 15BQ1A05D5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 45       | 2       |
| 15BQ1A05D5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 42       | 2       |
| 15BQ1A05D5 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05D6 | RT31051 | COMPILER DESIGN                          | 25       | 38       | 3       |
| 15BQ1A05D6 | RT31052 | DATA COMMUNICATION                       | 18       | 30       | 3       |
| 15BQ1A05D6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 21       | 36       | 3       |
| 15BQ1A05D6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 30       | 3       |
| 15BQ1A05D6 | RT31055 | OPERATING SYSTEMS                        | 23       | 33       | 3       |
| 15BQ1A05D6 | RT31056 | COMPILER DESIGN LAB                      | 23       | 48       | 2       |
| 15BQ1A05D6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 44       | 2       |
| 15BQ1A05D6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 48       | 2       |
| 15BQ1A05D6 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05D7 | RT31051 | COMPILER DESIGN                          | 28       | 38       | 3       |
| 15BQ1A05D7 | RT31052 | DATA COMMUNICATION                       | 25       | 30       | 3       |
| 15BQ1A05D7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 44       | 3       |
| 15BQ1A05D7 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 33       | 3       |
| 15BQ1A05D7 | RT31055 | OPERATING SYSTEMS                        | 28       | 25       | 3       |
| 15BQ1A05D7 | RT31056 | COMPILER DESIGN LAB                      | 20       | 45       | 2       |
| 15BQ1A05D7 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 46       | 2       |
| 15BQ1A05D7 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 41       | 2       |
| 15BQ1A05D7 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05D8 | RT31051 | COMPILER DESIGN                          | 28       | 48       | 3       |
| 15BQ1A05D8 | RT31052 | DATA COMMUNICATION                       | 26       | 35       | 3       |
| 15BQ1A05D8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 37       | 3       |
| 15BQ1A05D8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 41       | 3       |
| 15BQ1A05D8 | RT31055 | OPERATING SYSTEMS                        | 28       | 26       | 3       |
| 15BQ1A05D8 | RT31056 | COMPILER DESIGN LAB                      | 21       | 47       | 2       |
| 15BQ1A05D8 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 42       | 2       |
| 15BQ1A05D8 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 36       | 2       |
| 15BQ1A05D8 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05D9 | RT31051 | COMPILER DESIGN                          | 29       | 65       | 3       |
| 15BQ1A05D9 | RT31052 | DATA COMMUNICATION                       | 28       | 51       | 3       |
| 15BQ1A05D9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 33       | 3       |
| 15BQ1A05D9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 51       | 3       |
| 15BQ1A05D9 | RT31055 | OPERATING SYSTEMS                        | 29       | 55       | 3       |
| 15BQ1A05D9 | RT31056 | COMPILER DESIGN LAB                      | 22       | 47       | 2       |
| 15BQ1A05D9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A05D9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A05D9 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A05E0 | RT31051 | COMPILER DESIGN                          | 26       | 54       | 3       |
| 15BQ1A05E0 | RT31052 | DATA COMMUNICATION                       | 29       | 26       | 3       |
| 15BQ1A05E0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 21       | 31       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05E0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 31       | 3       |
| 15BQ1A05E0 | RT31055 | OPERATING SYSTEMS                        | 23       | 16       | 0       |
| 15BQ1A05E0 | RT31056 | COMPILER DESIGN LAB                      | 18       | -1       | 0       |
| 15BQ1A05E0 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 15       | -1       | 0       |
| 15BQ1A05E0 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | -1       | 0       |
| 15BQ1A05E0 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05E1 | RT31051 | COMPILER DESIGN                          | 26       | 65       | 3       |
| 15BQ1A05E1 | RT31052 | DATA COMMUNICATION                       | 27       | 32       | 3       |
| 15BQ1A05E1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 46       | 3       |
| 15BQ1A05E1 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 13       | 0       |
| 15BQ1A05E1 | RT31055 | OPERATING SYSTEMS                        | 27       | 35       | 3       |
| 15BQ1A05E1 | RT31056 | COMPILER DESIGN LAB                      | 21       | 43       | 2       |
| 15BQ1A05E1 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 44       | 2       |
| 15BQ1A05E1 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 39       | 2       |
| 15BQ1A05E1 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05E2 | RT31051 | COMPILER DESIGN                          | 27       | 41       | 3       |
| 15BQ1A05E2 | RT31052 | DATA COMMUNICATION                       | 24       | 40       | 3       |
| 15BQ1A05E2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 44       | 3       |
| 15BQ1A05E2 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 47       | 3       |
| 15BQ1A05E2 | RT31055 | OPERATING SYSTEMS                        | 27       | 36       | 3       |
| 15BQ1A05E2 | RT31056 | COMPILER DESIGN LAB                      | 23       | 44       | 2       |
| 15BQ1A05E2 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 45       | 2       |
| 15BQ1A05E2 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 46       | 2       |
| 15BQ1A05E2 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05E3 | RT31051 | COMPILER DESIGN                          | 28       | 32       | 3       |
| 15BQ1A05E3 | RT31052 | DATA COMMUNICATION                       | 27       | 24       | 3       |
| 15BQ1A05E3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 24       | 3       |
| 15BQ1A05E3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 38       | 3       |
| 15BQ1A05E3 | RT31055 | OPERATING SYSTEMS                        | 22       | 28       | 3       |
| 15BQ1A05E3 | RT31056 | COMPILER DESIGN LAB                      | 23       | 44       | 2       |
| 15BQ1A05E3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 41       | 2       |
| 15BQ1A05E3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 40       | 2       |
| 15BQ1A05E3 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A05E4 | RT31051 | COMPILER DESIGN                          | 25       | 29       | 3       |
| 15BQ1A05E4 | RT31052 | DATA COMMUNICATION                       | 28       | 17       | 0       |
| 15BQ1A05E4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 8        | 0       |
| 15BQ1A05E4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 24       | 3       |
| 15BQ1A05E4 | RT31055 | OPERATING SYSTEMS                        | 24       | 10       | 0       |
| 15BQ1A05E4 | RT31056 | COMPILER DESIGN LAB                      | 22       | 42       | 2       |
| 15BQ1A05E4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 43       | 2       |
| 15BQ1A05E4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 38       | 2       |
| 15BQ1A05E4 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05E5 | RT31051 | COMPILER DESIGN                          | 27       | 53       | 3       |
| 15BQ1A05E5 | RT31052 | DATA COMMUNICATION                       | 25       | 28       | 3       |
| 15BQ1A05E5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 46       | 3       |
| 15BQ1A05E5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 36       | 3       |
| 15BQ1A05E5 | RT31055 | OPERATING SYSTEMS                        | 24       | 31       | 3       |
| 15BQ1A05E5 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A05E5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 45       | 2       |
| 15BQ1A05E5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 38       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05E5 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05E6 | RT31051 | COMPILER DESIGN                          | 29       | 47       | 3       |
| 15BQ1A05E6 | RT31052 | DATA COMMUNICATION                       | 30       | 70       | 3       |
| 15BQ1A05E6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 43       | 3       |
| 15BQ1A05E6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 36       | 3       |
| 15BQ1A05E6 | RT31055 | OPERATING SYSTEMS                        | 28       | 40       | 3       |
| 15BQ1A05E6 | RT31056 | COMPILER DESIGN LAB                      | 23       | 41       | 2       |
| 15BQ1A05E6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 44       | 2       |
| 15BQ1A05E6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 46       | 2       |
| 15BQ1A05E6 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05E7 | RT31051 | COMPILER DESIGN                          | 29       | 49       | 3       |
| 15BQ1A05E7 | RT31052 | DATA COMMUNICATION                       | 28       | 43       | 3       |
| 15BQ1A05E7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 37       | 3       |
| 15BQ1A05E7 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 50       | 3       |
| 15BQ1A05E7 | RT31055 | OPERATING SYSTEMS                        | 30       | 58       | 3       |
| 15BQ1A05E7 | RT31056 | COMPILER DESIGN LAB                      | 22       | 49       | 2       |
| 15BQ1A05E7 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 50       | 2       |
| 15BQ1A05E7 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A05E7 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A05E9 | RT31051 | COMPILER DESIGN                          | 29       | 47       | 3       |
| 15BQ1A05E9 | RT31052 | DATA COMMUNICATION                       | 29       | 45       | 3       |
| 15BQ1A05E9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 50       | 3       |
| 15BQ1A05E9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 44       | 3       |
| 15BQ1A05E9 | RT31055 | OPERATING SYSTEMS                        | 30       | 52       | 3       |
| 15BQ1A05E9 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A05E9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A05E9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 50       | 2       |
| 15BQ1A05E9 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A05F0 | RT31051 | COMPILER DESIGN                          | 29       | 69       | 3       |
| 15BQ1A05F0 | RT31052 | DATA COMMUNICATION                       | 29       | 32       | 3       |
| 15BQ1A05F0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 51       | 3       |
| 15BQ1A05F0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 47       | 3       |
| 15BQ1A05F0 | RT31055 | OPERATING SYSTEMS                        | 30       | 43       | 3       |
| 15BQ1A05F0 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A05F0 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A05F0 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A05F0 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A05F1 | RT31051 | COMPILER DESIGN                          | 28       | 51       | 3       |
| 15BQ1A05F1 | RT31052 | DATA COMMUNICATION                       | 28       | 70       | 3       |
| 15BQ1A05F1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 53       | 3       |
| 15BQ1A05F1 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 63       | 3       |
| 15BQ1A05F1 | RT31055 | OPERATING SYSTEMS                        | 30       | 38       | 3       |
| 15BQ1A05F1 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A05F1 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A05F1 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 49       | 2       |
| 15BQ1A05F1 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A05F2 | RT31051 | COMPILER DESIGN                          | 21       | 17       | 0       |
| 15BQ1A05F2 | RT31052 | DATA COMMUNICATION                       | 24       | 24       | 3       |
| 15BQ1A05F2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 17       | 17       | 0       |
| 15BQ1A05F2 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 24       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05F2 | RT31055 | OPERATING SYSTEMS                        | 17       | 28       | 3       |
| 15BQ1A05F2 | RT31056 | COMPILER DESIGN LAB                      | 20       | 45       | 2       |
| 15BQ1A05F2 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 40       | 2       |
| 15BQ1A05F2 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 18       | 38       | 2       |
| 15BQ1A05F2 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05F3 | RT31051 | COMPILER DESIGN                          | 24       | 30       | 3       |
| 15BQ1A05F3 | RT31052 | DATA COMMUNICATION                       | 24       | 29       | 3       |
| 15BQ1A05F3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 32       | 3       |
| 15BQ1A05F3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 27       | 3       |
| 15BQ1A05F3 | RT31055 | OPERATING SYSTEMS                        | 23       | 28       | 3       |
| 15BQ1A05F3 | RT31056 | COMPILER DESIGN LAB                      | 20       | 40       | 2       |
| 15BQ1A05F3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 43       | 2       |
| 15BQ1A05F3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 35       | 2       |
| 15BQ1A05F3 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05F4 | RT31051 | COMPILER DESIGN                          | 24       | 47       | 3       |
| 15BQ1A05F4 | RT31052 | DATA COMMUNICATION                       | 26       | 18       | 0       |
| 15BQ1A05F4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 45       | 3       |
| 15BQ1A05F4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 5        | 0       |
| 15BQ1A05F4 | RT31055 | OPERATING SYSTEMS                        | 29       | 36       | 3       |
| 15BQ1A05F4 | RT31056 | COMPILER DESIGN LAB                      | 22       | 43       | 2       |
| 15BQ1A05F4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 44       | 2       |
| 15BQ1A05F4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 39       | 2       |
| 15BQ1A05F4 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05F5 | RT31051 | COMPILER DESIGN                          | 27       | 43       | 3       |
| 15BQ1A05F5 | RT31052 | DATA COMMUNICATION                       | 28       | 44       | 3       |
| 15BQ1A05F5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 38       | 3       |
| 15BQ1A05F5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 49       | 3       |
| 15BQ1A05F5 | RT31055 | OPERATING SYSTEMS                        | 30       | 40       | 3       |
| 15BQ1A05F5 | RT31056 | COMPILER DESIGN LAB                      | 25       | 48       | 2       |
| 15BQ1A05F5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 46       | 2       |
| 15BQ1A05F5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 48       | 2       |
| 15BQ1A05F5 | RT31059 | SEMINAR                                  | 49       | 0        | 1       |
| 15BQ1A05F6 | RT31051 | COMPILER DESIGN                          | 29       | 44       | 3       |
| 15BQ1A05F6 | RT31052 | DATA COMMUNICATION                       | 30       | 43       | 3       |
| 15BQ1A05F6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 33       | 3       |
| 15BQ1A05F6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 57       | 3       |
| 15BQ1A05F6 | RT31055 | OPERATING SYSTEMS                        | 28       | 58       | 3       |
| 15BQ1A05F6 | RT31056 | COMPILER DESIGN LAB                      | 24       | 50       | 2       |
| 15BQ1A05F6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 48       | 2       |
| 15BQ1A05F6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 48       | 2       |
| 15BQ1A05F6 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05F7 | RT31051 | COMPILER DESIGN                          | 28       | 38       | 3       |
| 15BQ1A05F7 | RT31052 | DATA COMMUNICATION                       | 29       | 41       | 3       |
| 15BQ1A05F7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 39       | 3       |
| 15BQ1A05F7 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 46       | 3       |
| 15BQ1A05F7 | RT31055 | OPERATING SYSTEMS                        | 28       | 39       | 3       |
| 15BQ1A05F7 | RT31056 | COMPILER DESIGN LAB                      | 23       | 46       | 2       |
| 15BQ1A05F7 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 44       | 2       |
| 15BQ1A05F7 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 44       | 2       |
| 15BQ1A05F7 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05F8 | RT31051 | COMPILER DESIGN                          | 27       | 54       | 3       |
| 15BQ1A05F8 | RT31052 | DATA COMMUNICATION                       | 28       | 27       | 3       |
| 15BQ1A05F8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 40       | 3       |
| 15BQ1A05F8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 36       | 3       |
| 15BQ1A05F8 | RT31055 | OPERATING SYSTEMS                        | 27       | 33       | 3       |
| 15BQ1A05F8 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A05F8 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 43       | 2       |
| 15BQ1A05F8 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 45       | 2       |
| 15BQ1A05F8 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05F9 | RT31051 | COMPILER DESIGN                          | 28       | 47       | 3       |
| 15BQ1A05F9 | RT31052 | DATA COMMUNICATION                       | 28       | 61       | 3       |
| 15BQ1A05F9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 57       | 3       |
| 15BQ1A05F9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 48       | 3       |
| 15BQ1A05F9 | RT31055 | OPERATING SYSTEMS                        | 30       | 39       | 3       |
| 15BQ1A05F9 | RT31056 | COMPILER DESIGN LAB                      | 23       | 45       | 2       |
| 15BQ1A05F9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 46       | 2       |
| 15BQ1A05F9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 36       | 2       |
| 15BQ1A05F9 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05G0 | RT31051 | COMPILER DESIGN                          | 25       | 36       | 3       |
| 15BQ1A05G0 | RT31052 | DATA COMMUNICATION                       | 24       | 48       | 3       |
| 15BQ1A05G0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 35       | 3       |
| 15BQ1A05G0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 38       | 3       |
| 15BQ1A05G0 | RT31055 | OPERATING SYSTEMS                        | 26       | 45       | 3       |
| 15BQ1A05G0 | RT31056 | COMPILER DESIGN LAB                      | 23       | 44       | 2       |
| 15BQ1A05G0 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 44       | 2       |
| 15BQ1A05G0 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 35       | 2       |
| 15BQ1A05G0 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05G1 | RT31051 | COMPILER DESIGN                          | 26       | 24       | 3       |
| 15BQ1A05G1 | RT31052 | DATA COMMUNICATION                       | 26       | 29       | 3       |
| 15BQ1A05G1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 32       | 3       |
| 15BQ1A05G1 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 36       | 3       |
| 15BQ1A05G1 | RT31055 | OPERATING SYSTEMS                        | 24       | 26       | 3       |
| 15BQ1A05G1 | RT31056 | COMPILER DESIGN LAB                      | 24       | 44       | 2       |
| 15BQ1A05G1 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 43       | 2       |
| 15BQ1A05G1 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 42       | 2       |
| 15BQ1A05G1 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05G2 | RT31051 | COMPILER DESIGN                          | 21       | 35       | 3       |
| 15BQ1A05G2 | RT31052 | DATA COMMUNICATION                       | 25       | 16       | 0       |
| 15BQ1A05G2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 35       | 3       |
| 15BQ1A05G2 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 14       | 0       |
| 15BQ1A05G2 | RT31055 | OPERATING SYSTEMS                        | 19       | 14       | 0       |
| 15BQ1A05G2 | RT31056 | COMPILER DESIGN LAB                      | 20       | 42       | 2       |
| 15BQ1A05G2 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 42       | 2       |
| 15BQ1A05G2 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 37       | 2       |
| 15BQ1A05G2 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05G3 | RT31051 | COMPILER DESIGN                          | 25       | 42       | 3       |
| 15BQ1A05G3 | RT31052 | DATA COMMUNICATION                       | 22       | 24       | 3       |
| 15BQ1A05G3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 24       | 3       |
| 15BQ1A05G3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 30       | 3       |
| 15BQ1A05G3 | RT31055 | OPERATING SYSTEMS                        | 25       | 30       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05G3 | RT31056 | COMPILER DESIGN LAB                      | 21       | 43       | 2       |
| 15BQ1A05G3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 19       | 42       | 2       |
| 15BQ1A05G3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 19       | 34       | 2       |
| 15BQ1A05G3 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05G4 | RT31051 | COMPILER DESIGN                          | 23       | 34       | 3       |
| 15BQ1A05G4 | RT31052 | DATA COMMUNICATION                       | 28       | 34       | 3       |
| 15BQ1A05G4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 27       | 3       |
| 15BQ1A05G4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 38       | 3       |
| 15BQ1A05G4 | RT31055 | OPERATING SYSTEMS                        | 28       | 55       | 3       |
| 15BQ1A05G4 | RT31056 | COMPILER DESIGN LAB                      | 23       | 43       | 2       |
| 15BQ1A05G4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 46       | 2       |
| 15BQ1A05G4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 37       | 2       |
| 15BQ1A05G4 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05G5 | RT31051 | COMPILER DESIGN                          | 27       | 36       | 3       |
| 15BQ1A05G5 | RT31052 | DATA COMMUNICATION                       | 28       | 30       | 3       |
| 15BQ1A05G5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 34       | 3       |
| 15BQ1A05G5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 37       | 3       |
| 15BQ1A05G5 | RT31055 | OPERATING SYSTEMS                        | 30       | 40       | 3       |
| 15BQ1A05G5 | RT31056 | COMPILER DESIGN LAB                      | 24       | 46       | 2       |
| 15BQ1A05G5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 45       | 2       |
| 15BQ1A05G5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 42       | 2       |
| 15BQ1A05G5 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05G6 | RT31051 | COMPILER DESIGN                          | 28       | 60       | 3       |
| 15BQ1A05G6 | RT31052 | DATA COMMUNICATION                       | 28       | 30       | 3       |
| 15BQ1A05G6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 39       | 3       |
| 15BQ1A05G6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 35       | 3       |
| 15BQ1A05G6 | RT31055 | OPERATING SYSTEMS                        | 27       | 33       | 3       |
| 15BQ1A05G6 | RT31056 | COMPILER DESIGN LAB                      | 23       | 47       | 2       |
| 15BQ1A05G6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 50       | 2       |
| 15BQ1A05G6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A05G6 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05G7 | RT31051 | COMPILER DESIGN                          | 28       | 47       | 3       |
| 15BQ1A05G7 | RT31052 | DATA COMMUNICATION                       | 26       | 50       | 3       |
| 15BQ1A05G7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 49       | 3       |
| 15BQ1A05G7 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 43       | 3       |
| 15BQ1A05G7 | RT31055 | OPERATING SYSTEMS                        | 26       | 41       | 3       |
| 15BQ1A05G7 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A05G7 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 47       | 2       |
| 15BQ1A05G7 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 47       | 2       |
| 15BQ1A05G7 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A05G8 | RT31051 | COMPILER DESIGN                          | 28       | 47       | 3       |
| 15BQ1A05G8 | RT31052 | DATA COMMUNICATION                       | 28       | 41       | 3       |
| 15BQ1A05G8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 30       | 3       |
| 15BQ1A05G8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 43       | 3       |
| 15BQ1A05G8 | RT31055 | OPERATING SYSTEMS                        | 29       | 43       | 3       |
| 15BQ1A05G8 | RT31056 | COMPILER DESIGN LAB                      | 20       | 44       | 2       |
| 15BQ1A05G8 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 50       | 2       |
| 15BQ1A05G8 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 50       | 2       |
| 15BQ1A05G8 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05G9 | RT31051 | COMPILER DESIGN                          | 20       | 45       | 3       |



| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05G9 | RT31052 | DATA COMMUNICATION                       | 23       | 26       | 3       |
| 15BQ1A05G9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 21       | 15       | 0       |
| 15BQ1A05G9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 19       | 31       | 3       |
| 15BQ1A05G9 | RT31055 | OPERATING SYSTEMS                        | 15       | 14       | 0       |
| 15BQ1A05G9 | RT31056 | COMPILER DESIGN LAB                      | 19       | 35       | 2       |
| 15BQ1A05G9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 35       | 2       |
| 15BQ1A05G9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 19       | 37       | 2       |
| 15BQ1A05G9 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05H0 | RT31051 | COMPILER DESIGN                          | 27       | 60       | 3       |
| 15BQ1A05H0 | RT31052 | DATA COMMUNICATION                       | 25       | 29       | 3       |
| 15BQ1A05H0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 19       | 37       | 3       |
| 15BQ1A05H0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 49       | 3       |
| 15BQ1A05H0 | RT31055 | OPERATING SYSTEMS                        | 29       | 41       | 3       |
| 15BQ1A05H0 | RT31056 | COMPILER DESIGN LAB                      | 21       | 45       | 2       |
| 15BQ1A05H0 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 44       | 2       |
| 15BQ1A05H0 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 41       | 2       |
| 15BQ1A05H0 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05H1 | RT31051 | COMPILER DESIGN                          | 22       | 38       | 3       |
| 15BQ1A05H1 | RT31052 | DATA COMMUNICATION                       | 24       | 57       | 3       |
| 15BQ1A05H1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 37       | 3       |
| 15BQ1A05H1 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 51       | 3       |
| 15BQ1A05H1 | RT31055 | OPERATING SYSTEMS                        | 24       | 37       | 3       |
| 15BQ1A05H1 | RT31056 | COMPILER DESIGN LAB                      | 19       | 40       | 2       |
| 15BQ1A05H1 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 45       | 2       |
| 15BQ1A05H1 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 34       | 2       |
| 15BQ1A05H1 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05H3 | RT31051 | COMPILER DESIGN                          | 24       | 38       | 3       |
| 15BQ1A05H3 | RT31052 | DATA COMMUNICATION                       | 24       | 24       | 3       |
| 15BQ1A05H3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 22       | 0        | 0       |
| 15BQ1A05H3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 12       | 0       |
| 15BQ1A05H3 | RT31055 | OPERATING SYSTEMS                        | 24       | 16       | 0       |
| 15BQ1A05H3 | RT31056 | COMPILER DESIGN LAB                      | 19       | 39       | 2       |
| 15BQ1A05H3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 19       | 40       | 2       |
| 15BQ1A05H3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 17       | 34       | 2       |
| 15BQ1A05H3 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05H4 | RT31051 | COMPILER DESIGN                          | 29       | 44       | 3       |
| 15BQ1A05H4 | RT31052 | DATA COMMUNICATION                       | 29       | 45       | 3       |
| 15BQ1A05H4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 36       | 3       |
| 15BQ1A05H4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 48       | 3       |
| 15BQ1A05H4 | RT31055 | OPERATING SYSTEMS                        | 30       | 33       | 3       |
| 15BQ1A05H4 | RT31056 | COMPILER DESIGN LAB                      | 23       | 49       | 2       |
| 15BQ1A05H4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A05H4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A05H4 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A05H5 | RT31051 | COMPILER DESIGN                          | 27       | 52       | 3       |
| 15BQ1A05H5 | RT31052 | DATA COMMUNICATION                       | 28       | 27       | 3       |
| 15BQ1A05H5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 28       | 3       |
| 15BQ1A05H5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 33       | 3       |
| 15BQ1A05H5 | RT31055 | OPERATING SYSTEMS                        | 29       | 42       | 3       |
| 15BQ1A05H5 | RT31056 | COMPILER DESIGN LAB                      | 23       | 46       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05H5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 48       | 2       |
| 15BQ1A05H5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 48       | 2       |
| 15BQ1A05H5 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05H6 | RT31051 | COMPILER DESIGN                          | 28       | 38       | 3       |
| 15BQ1A05H6 | RT31052 | DATA COMMUNICATION                       | 29       | 68       | 3       |
| 15BQ1A05H6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 43       | 3       |
| 15BQ1A05H6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 46       | 3       |
| 15BQ1A05H6 | RT31055 | OPERATING SYSTEMS                        | 30       | 32       | 3       |
| 15BQ1A05H6 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A05H6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 44       | 2       |
| 15BQ1A05H6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 36       | 2       |
| 15BQ1A05H6 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05H7 | RT31051 | COMPILER DESIGN                          | 29       | 50       | 3       |
| 15BQ1A05H7 | RT31052 | DATA COMMUNICATION                       | 28       | 43       | 3       |
| 15BQ1A05H7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 30       | 3       |
| 15BQ1A05H7 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 30       | 3       |
| 15BQ1A05H7 | RT31055 | OPERATING SYSTEMS                        | 28       | 51       | 3       |
| 15BQ1A05H7 | RT31056 | COMPILER DESIGN LAB                      | 22       | 49       | 2       |
| 15BQ1A05H7 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 46       | 2       |
| 15BQ1A05H7 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A05H7 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05H8 | RT31051 | COMPILER DESIGN                          | 26       | 36       | 3       |
| 15BQ1A05H8 | RT31052 | DATA COMMUNICATION                       | 25       | 26       | 3       |
| 15BQ1A05H8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 7        | 0       |
| 15BQ1A05H8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 13       | 0       |
| 15BQ1A05H8 | RT31055 | OPERATING SYSTEMS                        | 23       | 9        | 0       |
| 15BQ1A05H8 | RT31056 | COMPILER DESIGN LAB                      | 18       | 39       | 2       |
| 15BQ1A05H8 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 19       | 40       | 2       |
| 15BQ1A05H8 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 17       | 36       | 2       |
| 15BQ1A05H8 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05H9 | RT31051 | COMPILER DESIGN                          | 19       | 43       | 3       |
| 15BQ1A05H9 | RT31052 | DATA COMMUNICATION                       | 24       | 24       | 3       |
| 15BQ1A05H9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 21       | 36       | 3       |
| 15BQ1A05H9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 46       | 3       |
| 15BQ1A05H9 | RT31055 | OPERATING SYSTEMS                        | 22       | 25       | 3       |
| 15BQ1A05H9 | RT31056 | COMPILER DESIGN LAB                      | 19       | 41       | 2       |
| 15BQ1A05H9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 43       | 2       |
| 15BQ1A05H9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 18       | 35       | 2       |
| 15BQ1A05H9 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05I0 | RT31051 | COMPILER DESIGN                          | 26       | 50       | 3       |
| 15BQ1A05I0 | RT31052 | DATA COMMUNICATION                       | 27       | 61       | 3       |
| 15BQ1A05I0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 48       | 3       |
| 15BQ1A05I0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 53       | 3       |
| 15BQ1A05I0 | RT31055 | OPERATING SYSTEMS                        | 29       | 41       | 3       |
| 15BQ1A05I0 | RT31056 | COMPILER DESIGN LAB                      | 22       | 45       | 2       |
| 15BQ1A05I0 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 43       | 2       |
| 15BQ1A05I0 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 42       | 2       |
| 15BQ1A05I0 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05I1 | RT31051 | COMPILER DESIGN                          | 30       | 51       | 3       |
| 15BQ1A05I1 | RT31052 | DATA COMMUNICATION                       | 27       | 43       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05I1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 31       | 3       |
| 15BQ1A05I1 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 47       | 3       |
| 15BQ1A05I1 | RT31055 | OPERATING SYSTEMS                        | 26       | 48       | 3       |
| 15BQ1A05I1 | RT31056 | COMPILER DESIGN LAB                      | 23       | 47       | 2       |
| 15BQ1A05I1 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 47       | 2       |
| 15BQ1A05I1 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 42       | 2       |
| 15BQ1A05I1 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A05I2 | RT31051 | COMPILER DESIGN                          | 23       | 27       | 3       |
| 15BQ1A05I2 | RT31052 | DATA COMMUNICATION                       | 20       | 24       | 3       |
| 15BQ1A05I2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 22       | 24       | 3       |
| 15BQ1A05I2 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 21       | 24       | 3       |
| 15BQ1A05I2 | RT31055 | OPERATING SYSTEMS                        | 17       | 15       | 0       |
| 15BQ1A05I2 | RT31056 | COMPILER DESIGN LAB                      | 18       | 36       | 2       |
| 15BQ1A05I2 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 14       | 29       | 2       |
| 15BQ1A05I2 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 30       | 2       |
| 15BQ1A05I2 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05I3 | RT31051 | COMPILER DESIGN                          | 25       | 44       | 3       |
| 15BQ1A05I3 | RT31052 | DATA COMMUNICATION                       | 18       | 17       | 0       |
| 15BQ1A05I3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 21       | 43       | 3       |
| 15BQ1A05I3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 24       | 3       |
| 15BQ1A05I3 | RT31055 | OPERATING SYSTEMS                        | 24       | 33       | 3       |
| 15BQ1A05I3 | RT31056 | COMPILER DESIGN LAB                      | 23       | 49       | 2       |
| 15BQ1A05I3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 45       | 2       |
| 15BQ1A05I3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 45       | 2       |
| 15BQ1A05I3 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05I4 | RT31051 | COMPILER DESIGN                          | 20       | 26       | 3       |
| 15BQ1A05I4 | RT31052 | DATA COMMUNICATION                       | 18       | 14       | 0       |
| 15BQ1A05I4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 19       | 13       | 0       |
| 15BQ1A05I4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 3        | 0       |
| 15BQ1A05I4 | RT31055 | OPERATING SYSTEMS                        | 21       | 16       | 0       |
| 15BQ1A05I4 | RT31056 | COMPILER DESIGN LAB                      | 17       | 36       | 2       |
| 15BQ1A05I4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 15       | 28       | 2       |
| 15BQ1A05I4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 16       | 30       | 2       |
| 15BQ1A05I4 | RT31059 | SEMINAR                                  | 43       | 0        | 1       |
| 15BQ1A05I5 | RT31051 | COMPILER DESIGN                          | 29       | 40       | 3       |
| 15BQ1A05I5 | RT31052 | DATA COMMUNICATION                       | 28       | 36       | 3       |
| 15BQ1A05I5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 37       | 3       |
| 15BQ1A05I5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 37       | 3       |
| 15BQ1A05I5 | RT31055 | OPERATING SYSTEMS                        | 29       | 57       | 3       |
| 15BQ1A05I5 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A05I5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 46       | 2       |
| 15BQ1A05I5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A05I5 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A05I6 | RT31051 | COMPILER DESIGN                          | 21       | 21       | 0       |
| 15BQ1A05I6 | RT31052 | DATA COMMUNICATION                       | 22       | 26       | 3       |
| 15BQ1A05I6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 24       | 3       |
| 15BQ1A05I6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 17       | 20       | 0       |
| 15BQ1A05I6 | RT31055 | OPERATING SYSTEMS                        | 20       | 11       | 0       |
| 15BQ1A05I6 | RT31056 | COMPILER DESIGN LAB                      | 20       | 40       | 2       |
| 15BQ1A05I6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 17       | 35       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05I6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 32       | 2       |
| 15BQ1A05I6 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05I7 | RT31051 | COMPILER DESIGN                          | 28       | 45       | 3       |
| 15BQ1A05I7 | RT31052 | DATA COMMUNICATION                       | 28       | 36       | 3       |
| 15BQ1A05I7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 43       | 3       |
| 15BQ1A05I7 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 43       | 3       |
| 15BQ1A05I7 | RT31055 | OPERATING SYSTEMS                        | 29       | 43       | 3       |
| 15BQ1A05I7 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A05I7 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 47       | 2       |
| 15BQ1A05I7 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 42       | 2       |
| 15BQ1A05I7 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05I8 | RT31051 | COMPILER DESIGN                          | 28       | 35       | 3       |
| 15BQ1A05I8 | RT31052 | DATA COMMUNICATION                       | 23       | 33       | 3       |
| 15BQ1A05I8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 34       | 3       |
| 15BQ1A05I8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 31       | 3       |
| 15BQ1A05I8 | RT31055 | OPERATING SYSTEMS                        | 25       | 27       | 3       |
| 15BQ1A05I8 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A05I8 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 48       | 2       |
| 15BQ1A05I8 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 36       | 2       |
| 15BQ1A05I8 | RT31059 | SEMINAR                                  | 49       | 0        | 1       |
| 15BQ1A05I9 | RT31051 | COMPILER DESIGN                          | 29       | 53       | 3       |
| 15BQ1A05I9 | RT31052 | DATA COMMUNICATION                       | 30       | 52       | 3       |
| 15BQ1A05I9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 33       | 3       |
| 15BQ1A05I9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 40       | 3       |
| 15BQ1A05I9 | RT31055 | OPERATING SYSTEMS                        | 30       | 59       | 3       |
| 15BQ1A05I9 | RT31056 | COMPILER DESIGN LAB                      | 23       | 48       | 2       |
| 15BQ1A05I9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 48       | 2       |
| 15BQ1A05I9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 47       | 2       |
| 15BQ1A05I9 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A05J0 | RT31051 | COMPILER DESIGN                          | 25       | 44       | 3       |
| 15BQ1A05J0 | RT31052 | DATA COMMUNICATION                       | 28       | 36       | 3       |
| 15BQ1A05J0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 25       | 3       |
| 15BQ1A05J0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 35       | 3       |
| 15BQ1A05J0 | RT31055 | OPERATING SYSTEMS                        | 27       | 11       | 0       |
| 15BQ1A05J0 | RT31056 | COMPILER DESIGN LAB                      | 23       | 49       | 2       |
| 15BQ1A05J0 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 45       | 2       |
| 15BQ1A05J0 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 44       | 2       |
| 15BQ1A05J0 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05J1 | RT31051 | COMPILER DESIGN                          | 29       | 50       | 3       |
| 15BQ1A05J1 | RT31052 | DATA COMMUNICATION                       | 29       | 33       | 3       |
| 15BQ1A05J1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 44       | 3       |
| 15BQ1A05J1 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 38       | 3       |
| 15BQ1A05J1 | RT31055 | OPERATING SYSTEMS                        | 30       | 40       | 3       |
| 15BQ1A05J1 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A05J1 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 47       | 2       |
| 15BQ1A05J1 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 48       | 2       |
| 15BQ1A05J1 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05J2 | RT31051 | COMPILER DESIGN                          | 19       | 30       | 3       |
| 15BQ1A05J2 | RT31052 | DATA COMMUNICATION                       | 14       | 6        | 0       |
| 15BQ1A05J2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 19       | 11       | 0       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05J2 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 18       | 47       | 3       |
| 15BQ1A05J2 | RT31055 | OPERATING SYSTEMS                        | 16       | 24       | 3       |
| 15BQ1A05J2 | RT31056 | COMPILER DESIGN LAB                      | 15       | 35       | 2       |
| 15BQ1A05J2 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 15       | 30       | 2       |
| 15BQ1A05J2 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 16       | 30       | 2       |
| 15BQ1A05J2 | RT31059 | SEMINAR                                  | 43       | 0        | 1       |
| 15BQ1A05J3 | RT31051 | COMPILER DESIGN                          | 24       | 30       | 3       |
| 15BQ1A05J3 | RT31052 | DATA COMMUNICATION                       | 28       | 32       | 3       |
| 15BQ1A05J3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 24       | 3       |
| 15BQ1A05J3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 27       | 3       |
| 15BQ1A05J3 | RT31055 | OPERATING SYSTEMS                        | 25       | 37       | 3       |
| 15BQ1A05J3 | RT31056 | COMPILER DESIGN LAB                      | 19       | 44       | 2       |
| 15BQ1A05J3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 19       | 42       | 2       |
| 15BQ1A05J3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 34       | 2       |
| 15BQ1A05J3 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05J4 | RT31051 | COMPILER DESIGN                          | 17       | 2        | 0       |
| 15BQ1A05J4 | RT31052 | DATA COMMUNICATION                       | 16       | 20       | 0       |
| 15BQ1A05J4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 16       | 0        | 0       |
| 15BQ1A05J4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 19       | 15       | 0       |
| 15BQ1A05J4 | RT31055 | OPERATING SYSTEMS                        | 16       | 3        | 0       |
| 15BQ1A05J4 | RT31056 | COMPILER DESIGN LAB                      | 16       | 34       | 2       |
| 15BQ1A05J4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 14       | 29       | 2       |
| 15BQ1A05J4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 18       | 32       | 2       |
| 15BQ1A05J4 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05J5 | RT31051 | COMPILER DESIGN                          | 28       | 63       | 3       |
| 15BQ1A05J5 | RT31052 | DATA COMMUNICATION                       | 26       | 34       | 3       |
| 15BQ1A05J5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 46       | 3       |
| 15BQ1A05J5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 46       | 3       |
| 15BQ1A05J5 | RT31055 | OPERATING SYSTEMS                        | 26       | 41       | 3       |
| 15BQ1A05J5 | RT31056 | COMPILER DESIGN LAB                      | 23       | 47       | 2       |
| 15BQ1A05J5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 43       | 2       |
| 15BQ1A05J5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 46       | 2       |
| 15BQ1A05J5 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05J6 | RT31051 | COMPILER DESIGN                          | 20       | 29       | 3       |
| 15BQ1A05J6 | RT31052 | DATA COMMUNICATION                       | 16       | 35       | 3       |
| 15BQ1A05J6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 18       | 31       | 3       |
| 15BQ1A05J6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 16       | 12       | 0       |
| 15BQ1A05J6 | RT31055 | OPERATING SYSTEMS                        | 16       | 16       | 0       |
| 15BQ1A05J6 | RT31056 | COMPILER DESIGN LAB                      | 21       | 40       | 2       |
| 15BQ1A05J6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 34       | 2       |
| 15BQ1A05J6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 31       | 2       |
| 15BQ1A05J6 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05J8 | RT31051 | COMPILER DESIGN                          | 21       | 30       | 3       |
| 15BQ1A05J8 | RT31052 | DATA COMMUNICATION                       | 21       | 29       | 3       |
| 15BQ1A05J8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 17       | 27       | 3       |
| 15BQ1A05J8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 19       | 10       | 0       |
| 15BQ1A05J8 | RT31055 | OPERATING SYSTEMS                        | 20       | 14       | 0       |
| 15BQ1A05J8 | RT31056 | COMPILER DESIGN LAB                      | 22       | 40       | 2       |
| 15BQ1A05J8 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 16       | 37       | 2       |
| 15BQ1A05J8 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 31       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05J8 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05J9 | RT31051 | COMPILER DESIGN                          | 24       | 8        | 0       |
| 15BQ1A05J9 | RT31052 | DATA COMMUNICATION                       | 30       | 31       | 3       |
| 15BQ1A05J9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 31       | 3       |
| 15BQ1A05J9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 33       | 3       |
| 15BQ1A05J9 | RT31055 | OPERATING SYSTEMS                        | 27       | 29       | 3       |
| 15BQ1A05J9 | RT31056 | COMPILER DESIGN LAB                      | 22       | 45       | 2       |
| 15BQ1A05J9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 45       | 2       |
| 15BQ1A05J9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 46       | 2       |
| 15BQ1A05J9 | RT31059 | SEMINAR                                  | 49       | 0        | 1       |
| 15BQ1A05K0 | RT31051 | COMPILER DESIGN                          | 27       | 54       | 3       |
| 15BQ1A05K0 | RT31052 | DATA COMMUNICATION                       | 29       | 39       | 3       |
| 15BQ1A05K0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 47       | 3       |
| 15BQ1A05K0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 54       | 3       |
| 15BQ1A05K0 | RT31055 | OPERATING SYSTEMS                        | 26       | 51       | 3       |
| 15BQ1A05K0 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A05K0 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 47       | 2       |
| 15BQ1A05K0 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 48       | 2       |
| 15BQ1A05K0 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05K1 | RT31051 | COMPILER DESIGN                          | 28       | 45       | 3       |
| 15BQ1A05K1 | RT31052 | DATA COMMUNICATION                       | 28       | 61       | 3       |
| 15BQ1A05K1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 42       | 3       |
| 15BQ1A05K1 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 51       | 3       |
| 15BQ1A05K1 | RT31055 | OPERATING SYSTEMS                        | 29       | 31       | 3       |
| 15BQ1A05K1 | RT31056 | COMPILER DESIGN LAB                      | 21       | 48       | 2       |
| 15BQ1A05K1 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 44       | 2       |
| 15BQ1A05K1 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 38       | 2       |
| 15BQ1A05K1 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05K2 | RT31051 | COMPILER DESIGN                          | 27       | 46       | 3       |
| 15BQ1A05K2 | RT31052 | DATA COMMUNICATION                       | 29       | 49       | 3       |
| 15BQ1A05K2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 34       | 3       |
| 15BQ1A05K2 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 24       | 3       |
| 15BQ1A05K2 | RT31055 | OPERATING SYSTEMS                        | 30       | 31       | 3       |
| 15BQ1A05K2 | RT31056 | COMPILER DESIGN LAB                      | 20       | 45       | 2       |
| 15BQ1A05K2 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 44       | 2       |
| 15BQ1A05K2 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 38       | 2       |
| 15BQ1A05K2 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05K3 | RT31051 | COMPILER DESIGN                          | 29       | 47       | 3       |
| 15BQ1A05K3 | RT31052 | DATA COMMUNICATION                       | 28       | 39       | 3       |
| 15BQ1A05K3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 39       | 3       |
| 15BQ1A05K3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 50       | 3       |
| 15BQ1A05K3 | RT31055 | OPERATING SYSTEMS                        | 29       | 47       | 3       |
| 15BQ1A05K3 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A05K3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A05K3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A05K3 | RT31059 | SEMINAR                                  | 49       | 0        | 1       |
| 15BQ1A05K4 | RT31051 | COMPILER DESIGN                          | 29       | 55       | 3       |
| 15BQ1A05K4 | RT31052 | DATA COMMUNICATION                       | 28       | 31       | 3       |
| 15BQ1A05K4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 40       | 3       |
| 15BQ1A05K4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 15       | 0       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05K4 | RT31055 | OPERATING SYSTEMS                        | 30       | 44       | 3       |
| 15BQ1A05K4 | RT31056 | COMPILER DESIGN LAB                      | 23       | 49       | 2       |
| 15BQ1A05K4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 45       | 2       |
| 15BQ1A05K4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 45       | 2       |
| 15BQ1A05K4 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05K5 | RT31051 | COMPILER DESIGN                          | 29       | 39       | 3       |
| 15BQ1A05K5 | RT31052 | DATA COMMUNICATION                       | 29       | 70       | 3       |
| 15BQ1A05K5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 53       | 3       |
| 15BQ1A05K5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 57       | 3       |
| 15BQ1A05K5 | RT31055 | OPERATING SYSTEMS                        | 28       | 48       | 3       |
| 15BQ1A05K5 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A05K5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 48       | 2       |
| 15BQ1A05K5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A05K5 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A05K6 | RT31051 | COMPILER DESIGN                          | 30       | 61       | 3       |
| 15BQ1A05K6 | RT31052 | DATA COMMUNICATION                       | 27       | 68       | 3       |
| 15BQ1A05K6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 53       | 3       |
| 15BQ1A05K6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 38       | 3       |
| 15BQ1A05K6 | RT31055 | OPERATING SYSTEMS                        | 30       | 40       | 3       |
| 15BQ1A05K6 | RT31056 | COMPILER DESIGN LAB                      | 24       | 46       | 2       |
| 15BQ1A05K6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 47       | 2       |
| 15BQ1A05K6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A05K6 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05K7 | RT31051 | COMPILER DESIGN                          | 29       | 51       | 3       |
| 15BQ1A05K7 | RT31052 | DATA COMMUNICATION                       | 29       | 51       | 3       |
| 15BQ1A05K7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 39       | 3       |
| 15BQ1A05K7 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 56       | 3       |
| 15BQ1A05K7 | RT31055 | OPERATING SYSTEMS                        | 30       | 51       | 3       |
| 15BQ1A05K7 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A05K7 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A05K7 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A05K7 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A05K8 | RT31051 | COMPILER DESIGN                          | 30       | 64       | 3       |
| 15BQ1A05K8 | RT31052 | DATA COMMUNICATION                       | 29       | 37       | 3       |
| 15BQ1A05K8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 50       | 3       |
| 15BQ1A05K8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 50       | 3       |
| 15BQ1A05K8 | RT31055 | OPERATING SYSTEMS                        | 29       | 56       | 3       |
| 15BQ1A05K8 | RT31056 | COMPILER DESIGN LAB                      | 24       | 49       | 2       |
| 15BQ1A05K8 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 47       | 2       |
| 15BQ1A05K8 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A05K8 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A05K9 | RT31051 | COMPILER DESIGN                          | 27       | 42       | 3       |
| 15BQ1A05K9 | RT31052 | DATA COMMUNICATION                       | 29       | 49       | 3       |
| 15BQ1A05K9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 41       | 3       |
| 15BQ1A05K9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 47       | 3       |
| 15BQ1A05K9 | RT31055 | OPERATING SYSTEMS                        | 26       | 27       | 3       |
| 15BQ1A05K9 | RT31056 | COMPILER DESIGN LAB                      | 19       | 41       | 2       |
| 15BQ1A05K9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 45       | 2       |
| 15BQ1A05K9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 44       | 2       |
| 15BQ1A05K9 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05L0 | RT31051 | COMPILER DESIGN                          | 28       | 30       | 3       |
| 15BQ1A05L0 | RT31052 | DATA COMMUNICATION                       | 30       | 34       | 3       |
| 15BQ1A05L0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 46       | 3       |
| 15BQ1A05L0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 60       | 3       |
| 15BQ1A05L0 | RT31055 | OPERATING SYSTEMS                        | 30       | 30       | 3       |
| 15BQ1A05L0 | RT31056 | COMPILER DESIGN LAB                      | 22       | 44       | 2       |
| 15BQ1A05L0 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 46       | 2       |
| 15BQ1A05L0 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 47       | 2       |
| 15BQ1A05L0 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05L1 | RT31051 | COMPILER DESIGN                          | 24       | 39       | 3       |
| 15BQ1A05L1 | RT31052 | DATA COMMUNICATION                       | 23       | 35       | 3       |
| 15BQ1A05L1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 31       | 3       |
| 15BQ1A05L1 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 28       | 3       |
| 15BQ1A05L1 | RT31055 | OPERATING SYSTEMS                        | 28       | 30       | 3       |
| 15BQ1A05L1 | RT31056 | COMPILER DESIGN LAB                      | 23       | 45       | 2       |
| 15BQ1A05L1 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 45       | 2       |
| 15BQ1A05L1 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 44       | 2       |
| 15BQ1A05L1 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05L2 | RT31051 | COMPILER DESIGN                          | 27       | 24       | 3       |
| 15BQ1A05L2 | RT31052 | DATA COMMUNICATION                       | 28       | 30       | 3       |
| 15BQ1A05L2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 40       | 3       |
| 15BQ1A05L2 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 34       | 3       |
| 15BQ1A05L2 | RT31055 | OPERATING SYSTEMS                        | 28       | 41       | 3       |
| 15BQ1A05L2 | RT31056 | COMPILER DESIGN LAB                      | 20       | 46       | 2       |
| 15BQ1A05L2 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 45       | 2       |
| 15BQ1A05L2 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 32       | 2       |
| 15BQ1A05L2 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05L3 | RT31051 | COMPILER DESIGN                          | 28       | 42       | 3       |
| 15BQ1A05L3 | RT31052 | DATA COMMUNICATION                       | 28       | 50       | 3       |
| 15BQ1A05L3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 46       | 3       |
| 15BQ1A05L3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 49       | 3       |
| 15BQ1A05L3 | RT31055 | OPERATING SYSTEMS                        | 29       | 36       | 3       |
| 15BQ1A05L3 | RT31056 | COMPILER DESIGN LAB                      | 23       | 49       | 2       |
| 15BQ1A05L3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 44       | 2       |
| 15BQ1A05L3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 42       | 2       |
| 15BQ1A05L3 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05L4 | RT31051 | COMPILER DESIGN                          | 28       | 51       | 3       |
| 15BQ1A05L4 | RT31052 | DATA COMMUNICATION                       | 28       | 50       | 3       |
| 15BQ1A05L4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 55       | 3       |
| 15BQ1A05L4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 57       | 3       |
| 15BQ1A05L4 | RT31055 | OPERATING SYSTEMS                        | 28       | 39       | 3       |
| 15BQ1A05L4 | RT31056 | COMPILER DESIGN LAB                      | 21       | 47       | 2       |
| 15BQ1A05L4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 47       | 2       |
| 15BQ1A05L4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 46       | 2       |
| 15BQ1A05L4 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A05L5 | RT31051 | COMPILER DESIGN                          | 27       | 48       | 3       |
| 15BQ1A05L5 | RT31052 | DATA COMMUNICATION                       | 25       | 34       | 3       |
| 15BQ1A05L5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 36       | 3       |
| 15BQ1A05L5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 39       | 3       |
| 15BQ1A05L5 | RT31055 | OPERATING SYSTEMS                        | 29       | 42       | 3       |



| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05L5 | RT31056 | COMPILER DESIGN LAB                      | 23       | 48       | 2       |
| 15BQ1A05L5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 47       | 2       |
| 15BQ1A05L5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 42       | 2       |
| 15BQ1A05L5 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A05L6 | RT31051 | COMPILER DESIGN                          | 27       | 41       | 3       |
| 15BQ1A05L6 | RT31052 | DATA COMMUNICATION                       | 26       | 32       | 3       |
| 15BQ1A05L6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 53       | 3       |
| 15BQ1A05L6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 53       | 3       |
| 15BQ1A05L6 | RT31055 | OPERATING SYSTEMS                        | 28       | 55       | 3       |
| 15BQ1A05L6 | RT31056 | COMPILER DESIGN LAB                      | 20       | 47       | 2       |
| 15BQ1A05L6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 44       | 2       |
| 15BQ1A05L6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 32       | 2       |
| 15BQ1A05L6 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05L7 | RT31051 | COMPILER DESIGN                          | 29       | 56       | 3       |
| 15BQ1A05L7 | RT31052 | DATA COMMUNICATION                       | 30       | 51       | 3       |
| 15BQ1A05L7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 70       | 3       |
| 15BQ1A05L7 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 61       | 3       |
| 15BQ1A05L7 | RT31055 | OPERATING SYSTEMS                        | 30       | 47       | 3       |
| 15BQ1A05L7 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A05L7 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A05L7 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A05L7 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A05L8 | RT31051 | COMPILER DESIGN                          | 29       | 48       | 3       |
| 15BQ1A05L8 | RT31052 | DATA COMMUNICATION                       | 29       | 44       | 3       |
| 15BQ1A05L8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 40       | 3       |
| 15BQ1A05L8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 40       | 3       |
| 15BQ1A05L8 | RT31055 | OPERATING SYSTEMS                        | 29       | 38       | 3       |
| 15BQ1A05L8 | RT31056 | COMPILER DESIGN LAB                      | 23       | 49       | 2       |
| 15BQ1A05L8 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 47       | 2       |
| 15BQ1A05L8 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 44       | 2       |
| 15BQ1A05L8 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05L9 | RT31051 | COMPILER DESIGN                          | 29       | 45       | 3       |
| 15BQ1A05L9 | RT31052 | DATA COMMUNICATION                       | 29       | 45       | 3       |
| 15BQ1A05L9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 38       | 3       |
| 15BQ1A05L9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 37       | 3       |
| 15BQ1A05L9 | RT31055 | OPERATING SYSTEMS                        | 29       | 44       | 3       |
| 15BQ1A05L9 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A05L9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A05L9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A05L9 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A05M0 | RT31051 | COMPILER DESIGN                          | 19       | 36       | 3       |
| 15BQ1A05M0 | RT31052 | DATA COMMUNICATION                       | 19       | 24       | 3       |
| 15BQ1A05M0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 19       | 4        | 0       |
| 15BQ1A05M0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 18       | 15       | 0       |
| 15BQ1A05M0 | RT31055 | OPERATING SYSTEMS                        | 19       | 25       | 3       |
| 15BQ1A05M0 | RT31056 | COMPILER DESIGN LAB                      | 18       | 38       | 2       |
| 15BQ1A05M0 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 15       | 29       | 2       |
| 15BQ1A05M0 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 16       | 30       | 2       |
| 15BQ1A05M0 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05M1 | RT31051 | COMPILER DESIGN                          | 23       | 26       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05M1 | RT31052 | DATA COMMUNICATION                       | 27       | 51       | 3       |
| 15BQ1A05M1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 37       | 3       |
| 15BQ1A05M1 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 41       | 3       |
| 15BQ1A05M1 | RT31055 | OPERATING SYSTEMS                        | 30       | 31       | 3       |
| 15BQ1A05M1 | RT31056 | COMPILER DESIGN LAB                      | 13       | 43       | 2       |
| 15BQ1A05M1 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 14       | 43       | 2       |
| 15BQ1A05M1 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 15       | 44       | 2       |
| 15BQ1A05M1 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05M2 | RT31051 | COMPILER DESIGN                          | 28       | 42       | 3       |
| 15BQ1A05M2 | RT31052 | DATA COMMUNICATION                       | 29       | 49       | 3       |
| 15BQ1A05M2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 49       | 3       |
| 15BQ1A05M2 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 68       | 3       |
| 15BQ1A05M2 | RT31055 | OPERATING SYSTEMS                        | 28       | 42       | 3       |
| 15BQ1A05M2 | RT31056 | COMPILER DESIGN LAB                      | 23       | 44       | 2       |
| 15BQ1A05M2 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 48       | 2       |
| 15BQ1A05M2 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 48       | 2       |
| 15BQ1A05M2 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05M3 | RT31051 | COMPILER DESIGN                          | 18       | 36       | 3       |
| 15BQ1A05M3 | RT31052 | DATA COMMUNICATION                       | 19       | 18       | 0       |
| 15BQ1A05M3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 17       | 16       | 0       |
| 15BQ1A05M3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 16       | 15       | 0       |
| 15BQ1A05M3 | RT31055 | OPERATING SYSTEMS                        | 17       | 14       | 0       |
| 15BQ1A05M3 | RT31056 | COMPILER DESIGN LAB                      | 17       | 33       | 2       |
| 15BQ1A05M3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 14       | 28       | 2       |
| 15BQ1A05M3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 16       | 32       | 2       |
| 15BQ1A05M3 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05M4 | RT31051 | COMPILER DESIGN                          | 29       | 67       | 3       |
| 15BQ1A05M4 | RT31052 | DATA COMMUNICATION                       | 26       | 29       | 3       |
| 15BQ1A05M4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 43       | 3       |
| 15BQ1A05M4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 33       | 3       |
| 15BQ1A05M4 | RT31055 | OPERATING SYSTEMS                        | 28       | 55       | 3       |
| 15BQ1A05M4 | RT31056 | COMPILER DESIGN LAB                      | 24       | 43       | 2       |
| 15BQ1A05M4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 45       | 2       |
| 15BQ1A05M4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 44       | 2       |
| 15BQ1A05M4 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05M5 | RT31051 | COMPILER DESIGN                          | 22       | 30       | 3       |
| 15BQ1A05M5 | RT31052 | DATA COMMUNICATION                       | 25       | 38       | 3       |
| 15BQ1A05M5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 22       | 18       | 0       |
| 15BQ1A05M5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 38       | 3       |
| 15BQ1A05M5 | RT31055 | OPERATING SYSTEMS                        | 21       | 25       | 3       |
| 15BQ1A05M5 | RT31056 | COMPILER DESIGN LAB                      | 21       | 42       | 2       |
| 15BQ1A05M5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 41       | 2       |
| 15BQ1A05M5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 42       | 2       |
| 15BQ1A05M5 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A05M6 | RT31051 | COMPILER DESIGN                          | 17       | 0        | 0       |
| 15BQ1A05M6 | RT31052 | DATA COMMUNICATION                       | 20       | 4        | 0       |
| 15BQ1A05M6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 17       | 9        | 0       |
| 15BQ1A05M6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 17       | 5        | 0       |
| 15BQ1A05M6 | RT31055 | OPERATING SYSTEMS                        | 16       | 0        | 0       |
| 15BQ1A05M6 | RT31056 | COMPILER DESIGN LAB                      | 16       | 32       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05M6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 15       | 29       | 2       |
| 15BQ1A05M6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 16       | 32       | 2       |
| 15BQ1A05M6 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05M7 | RT31051 | COMPILER DESIGN                          | 27       | 41       | 3       |
| 15BQ1A05M7 | RT31052 | DATA COMMUNICATION                       | 27       | 35       | 3       |
| 15BQ1A05M7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 31       | 3       |
| 15BQ1A05M7 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 44       | 3       |
| 15BQ1A05M7 | RT31055 | OPERATING SYSTEMS                        | 28       | 45       | 3       |
| 15BQ1A05M7 | RT31056 | COMPILER DESIGN LAB                      | 22       | 44       | 2       |
| 15BQ1A05M7 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 45       | 2       |
| 15BQ1A05M7 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 42       | 2       |
| 15BQ1A05M7 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05M8 | RT31051 | COMPILER DESIGN                          | 26       | 54       | 3       |
| 15BQ1A05M8 | RT31052 | DATA COMMUNICATION                       | 26       | 18       | 0       |
| 15BQ1A05M8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 45       | 3       |
| 15BQ1A05M8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 16       | 0       |
| 15BQ1A05M8 | RT31055 | OPERATING SYSTEMS                        | 25       | 31       | 3       |
| 15BQ1A05M8 | RT31056 | COMPILER DESIGN LAB                      | 24       | 47       | 2       |
| 15BQ1A05M8 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 44       | 2       |
| 15BQ1A05M8 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 36       | 2       |
| 15BQ1A05M8 | RT31059 | SEMINAR                                  | 49       | 0        | 1       |
| 15BQ1A05M9 | RT31051 | COMPILER DESIGN                          | 29       | 38       | 3       |
| 15BQ1A05M9 | RT31052 | DATA COMMUNICATION                       | 28       | 50       | 3       |
| 15BQ1A05M9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 62       | 3       |
| 15BQ1A05M9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 62       | 3       |
| 15BQ1A05M9 | RT31055 | OPERATING SYSTEMS                        | 29       | 41       | 3       |
| 15BQ1A05M9 | RT31056 | COMPILER DESIGN LAB                      | 23       | 48       | 2       |
| 15BQ1A05M9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 46       | 2       |
| 15BQ1A05M9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 46       | 2       |
| 15BQ1A05M9 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05N0 | RT31051 | COMPILER DESIGN                          | 27       | 34       | 3       |
| 15BQ1A05N0 | RT31052 | DATA COMMUNICATION                       | 28       | 46       | 3       |
| 15BQ1A05N0 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 37       | 3       |
| 15BQ1A05N0 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 41       | 3       |
| 15BQ1A05N0 | RT31055 | OPERATING SYSTEMS                        | 27       | 35       | 3       |
| 15BQ1A05N0 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A05N0 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 50       | 2       |
| 15BQ1A05N0 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A05N0 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A05N1 | RT31051 | COMPILER DESIGN                          | 29       | 36       | 3       |
| 15BQ1A05N1 | RT31052 | DATA COMMUNICATION                       | 28       | 37       | 3       |
| 15BQ1A05N1 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 24       | 35       | 3       |
| 15BQ1A05N1 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 42       | 3       |
| 15BQ1A05N1 | RT31055 | OPERATING SYSTEMS                        | 22       | 26       | 3       |
| 15BQ1A05N1 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 15BQ1A05N1 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 44       | 2       |
| 15BQ1A05N1 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 46       | 2       |
| 15BQ1A05N1 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05N2 | RT31051 | COMPILER DESIGN                          | 22       | 18       | 0       |
| 15BQ1A05N2 | RT31052 | DATA COMMUNICATION                       | 26       | 37       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05N2 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 30       | 42       | 3       |
| 15BQ1A05N2 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 36       | 3       |
| 15BQ1A05N2 | RT31055 | OPERATING SYSTEMS                        | 25       | 33       | 3       |
| 15BQ1A05N2 | RT31056 | COMPILER DESIGN LAB                      | 19       | 38       | 2       |
| 15BQ1A05N2 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 43       | 2       |
| 15BQ1A05N2 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 32       | 2       |
| 15BQ1A05N2 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05N3 | RT31051 | COMPILER DESIGN                          | 28       | 37       | 3       |
| 15BQ1A05N3 | RT31052 | DATA COMMUNICATION                       | 28       | 42       | 3       |
| 15BQ1A05N3 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 37       | 3       |
| 15BQ1A05N3 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 52       | 3       |
| 15BQ1A05N3 | RT31055 | OPERATING SYSTEMS                        | 29       | 28       | 3       |
| 15BQ1A05N3 | RT31056 | COMPILER DESIGN LAB                      | 22       | 45       | 2       |
| 15BQ1A05N3 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 46       | 2       |
| 15BQ1A05N3 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 41       | 2       |
| 15BQ1A05N3 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05N4 | RT31051 | COMPILER DESIGN                          | 20       | 28       | 3       |
| 15BQ1A05N4 | RT31052 | DATA COMMUNICATION                       | 20       | 24       | 3       |
| 15BQ1A05N4 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 19       | 26       | 3       |
| 15BQ1A05N4 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 24       | 3       |
| 15BQ1A05N4 | RT31055 | OPERATING SYSTEMS                        | 20       | 26       | 3       |
| 15BQ1A05N4 | RT31056 | COMPILER DESIGN LAB                      | 20       | 40       | 2       |
| 15BQ1A05N4 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 41       | 2       |
| 15BQ1A05N4 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 42       | 2       |
| 15BQ1A05N4 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05N5 | RT31051 | COMPILER DESIGN                          | 23       | 36       | 3       |
| 15BQ1A05N5 | RT31052 | DATA COMMUNICATION                       | 25       | 11       | 0       |
| 15BQ1A05N5 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 32       | 3       |
| 15BQ1A05N5 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 30       | 3       |
| 15BQ1A05N5 | RT31055 | OPERATING SYSTEMS                        | 24       | 29       | 3       |
| 15BQ1A05N5 | RT31056 | COMPILER DESIGN LAB                      | 18       | 40       | 2       |
| 15BQ1A05N5 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 19       | 40       | 2       |
| 15BQ1A05N5 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 32       | 2       |
| 15BQ1A05N5 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A05N6 | RT31051 | COMPILER DESIGN                          | 27       | 39       | 3       |
| 15BQ1A05N6 | RT31052 | DATA COMMUNICATION                       | 27       | 34       | 3       |
| 15BQ1A05N6 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 47       | 3       |
| 15BQ1A05N6 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 42       | 3       |
| 15BQ1A05N6 | RT31055 | OPERATING SYSTEMS                        | 26       | 31       | 3       |
| 15BQ1A05N6 | RT31056 | COMPILER DESIGN LAB                      | 23       | 46       | 2       |
| 15BQ1A05N6 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 46       | 2       |
| 15BQ1A05N6 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 38       | 2       |
| 15BQ1A05N6 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05N7 | RT31051 | COMPILER DESIGN                          | 16       | 10       | 0       |
| 15BQ1A05N7 | RT31052 | DATA COMMUNICATION                       | 19       | 35       | 3       |
| 15BQ1A05N7 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 18       | 3        | 0       |
| 15BQ1A05N7 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 17       | 46       | 3       |
| 15BQ1A05N7 | RT31055 | OPERATING SYSTEMS                        | 20       | 11       | 0       |
| 15BQ1A05N7 | RT31056 | COMPILER DESIGN LAB                      | 18       | 37       | 2       |
| 15BQ1A05N7 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 16       | 36       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A05N7 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 17       | 30       | 2       |
| 15BQ1A05N7 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A05N8 | RT31051 | COMPILER DESIGN                          | 28       | 37       | 3       |
| 15BQ1A05N8 | RT31052 | DATA COMMUNICATION                       | 28       | 40       | 3       |
| 15BQ1A05N8 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 35       | 3       |
| 15BQ1A05N8 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 44       | 3       |
| 15BQ1A05N8 | RT31055 | OPERATING SYSTEMS                        | 27       | 27       | 3       |
| 15BQ1A05N8 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 15BQ1A05N8 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 46       | 2       |
| 15BQ1A05N8 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 46       | 2       |
| 15BQ1A05N8 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 15BQ1A05N9 | RT31051 | COMPILER DESIGN                          | 29       | 50       | 3       |
| 15BQ1A05N9 | RT31052 | DATA COMMUNICATION                       | 27       | 46       | 3       |
| 15BQ1A05N9 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 29       | 36       | 3       |
| 15BQ1A05N9 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 47       | 3       |
| 15BQ1A05N9 | RT31055 | OPERATING SYSTEMS                        | 29       | 45       | 3       |
| 15BQ1A05N9 | RT31056 | COMPILER DESIGN LAB                      | 25       | 50       | 2       |
| 15BQ1A05N9 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 50       | 2       |
| 15BQ1A05N9 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 50       | 2       |
| 15BQ1A05N9 | RT31059 | SEMINAR                                  | 50       | 0        | 1       |
| 15BQ1A1201 | RT31052 | DATA COMMUNICATION                       | 30       | 30       | 3       |
| 15BQ1A1201 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 46       | 3       |
| 15BQ1A1201 | RT31055 | OPERATING SYSTEMS                        | 27       | 45       | 3       |
| 15BQ1A1201 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A1201 | RT31121 | SOFTWARE ENGINEERING                     | 28       | 44       | 3       |
| 15BQ1A1201 | RT31123 | ADVANCED JAVA                            | 30       | 32       | 3       |
| 15BQ1A1201 | RT31126 | ADVANCED JAVA LAB                        | 24       | 46       | 2       |
| 15BQ1A1201 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 46       | 2       |
| 15BQ1A1201 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 48       | 2       |
| 15BQ1A1202 | RT31052 | DATA COMMUNICATION                       | 29       | 36       | 3       |
| 15BQ1A1202 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 31       | 3       |
| 15BQ1A1202 | RT31055 | OPERATING SYSTEMS                        | 29       | 17       | 0       |
| 15BQ1A1202 | RT31059 | SEMINAR                                  | 40       | 0        | 1       |
| 15BQ1A1202 | RT31121 | SOFTWARE ENGINEERING                     | 29       | 45       | 3       |
| 15BQ1A1202 | RT31123 | ADVANCED JAVA                            | 30       | 37       | 3       |
| 15BQ1A1202 | RT31126 | ADVANCED JAVA LAB                        | 23       | 48       | 2       |
| 15BQ1A1202 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 49       | 2       |
| 15BQ1A1202 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 45       | 2       |
| 15BQ1A1203 | RT31052 | DATA COMMUNICATION                       | 22       | 34       | 3       |
| 15BQ1A1203 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 33       | 3       |
| 15BQ1A1203 | RT31055 | OPERATING SYSTEMS                        | 20       | 28       | 3       |
| 15BQ1A1203 | RT31059 | SEMINAR                                  | 37       | 0        | 1       |
| 15BQ1A1203 | RT31121 | SOFTWARE ENGINEERING                     | 25       | 30       | 3       |
| 15BQ1A1203 | RT31123 | ADVANCED JAVA                            | 28       | 29       | 3       |
| 15BQ1A1203 | RT31126 | ADVANCED JAVA LAB                        | 19       | 43       | 2       |
| 15BQ1A1203 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 44       | 2       |
| 15BQ1A1203 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 45       | 2       |
| 15BQ1A1204 | RT31052 | DATA COMMUNICATION                       | 26       | 33       | 3       |
| 15BQ1A1204 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 38       | 3       |
| 15BQ1A1204 | RT31055 | OPERATING SYSTEMS                        | 23       | 16       | 0       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A1204 | RT31059 | SEMINAR                                  | 40       | 0        | 1       |
| 15BQ1A1204 | RT31121 | SOFTWARE ENGINEERING                     | 27       | 24       | 3       |
| 15BQ1A1204 | RT31123 | ADVANCED JAVA                            | 28       | 25       | 3       |
| 15BQ1A1204 | RT31126 | ADVANCED JAVA LAB                        | 20       | 43       | 2       |
| 15BQ1A1204 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 43       | 2       |
| 15BQ1A1204 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A1205 | RT31052 | DATA COMMUNICATION                       | 28       | 26       | 3       |
| 15BQ1A1205 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 44       | 3       |
| 15BQ1A1205 | RT31055 | OPERATING SYSTEMS                        | 29       | 47       | 3       |
| 15BQ1A1205 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A1205 | RT31121 | SOFTWARE ENGINEERING                     | 27       | 40       | 3       |
| 15BQ1A1205 | RT31123 | ADVANCED JAVA                            | 30       | 25       | 3       |
| 15BQ1A1205 | RT31126 | ADVANCED JAVA LAB                        | 24       | 48       | 2       |
| 15BQ1A1205 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 46       | 2       |
| 15BQ1A1205 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 49       | 2       |
| 15BQ1A1206 | RT31052 | DATA COMMUNICATION                       | 17       | 41       | 3       |
| 15BQ1A1206 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 16       | 9        | 0       |
| 15BQ1A1206 | RT31055 | OPERATING SYSTEMS                        | 16       | 10       | 0       |
| 15BQ1A1206 | RT31059 | SEMINAR                                  | 33       | 0        | 1       |
| 15BQ1A1206 | RT31121 | SOFTWARE ENGINEERING                     | 16       | 33       | 3       |
| 15BQ1A1206 | RT31123 | ADVANCED JAVA                            | 18       | 10       | 0       |
| 15BQ1A1206 | RT31126 | ADVANCED JAVA LAB                        | 20       | 34       | 2       |
| 15BQ1A1206 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 34       | 2       |
| 15BQ1A1206 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 37       | 2       |
| 15BQ1A1207 | RT31052 | DATA COMMUNICATION                       | 26       | 44       | 3       |
| 15BQ1A1207 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 22       | 43       | 3       |
| 15BQ1A1207 | RT31055 | OPERATING SYSTEMS                        | 22       | 39       | 3       |
| 15BQ1A1207 | RT31059 | SEMINAR                                  | 43       | 0        | 1       |
| 15BQ1A1207 | RT31121 | SOFTWARE ENGINEERING                     | 19       | 36       | 3       |
| 15BQ1A1207 | RT31123 | ADVANCED JAVA                            | 23       | 26       | 3       |
| 15BQ1A1207 | RT31126 | ADVANCED JAVA LAB                        | 21       | 50       | 2       |
| 15BQ1A1207 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 48       | 2       |
| 15BQ1A1207 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 41       | 2       |
| 15BQ1A1210 | RT31052 | DATA COMMUNICATION                       | 16       | 24       | 3       |
| 15BQ1A1210 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 13       | 9        | 0       |
| 15BQ1A1210 | RT31055 | OPERATING SYSTEMS                        | 16       | 12       | 0       |
| 15BQ1A1210 | RT31059 | SEMINAR                                  | 35       | 0        | 1       |
| 15BQ1A1210 | RT31121 | SOFTWARE ENGINEERING                     | 16       | 5        | 0       |
| 15BQ1A1210 | RT31123 | ADVANCED JAVA                            | 18       | 9        | 0       |
| 15BQ1A1210 | RT31126 | ADVANCED JAVA LAB                        | 16       | 30       | 2       |
| 15BQ1A1210 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 31       | 2       |
| 15BQ1A1210 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 42       | 2       |
| 15BQ1A1211 | RT31052 | DATA COMMUNICATION                       | 18       | 1        | 0       |
| 15BQ1A1211 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 16       | 8        | 0       |
| 15BQ1A1211 | RT31055 | OPERATING SYSTEMS                        | 16       | 17       | 0       |
| 15BQ1A1211 | RT31059 | SEMINAR                                  | 33       | 0        | 1       |
| 15BQ1A1211 | RT31121 | SOFTWARE ENGINEERING                     | 20       | 25       | 3       |
| 15BQ1A1211 | RT31123 | ADVANCED JAVA                            | 17       | 8        | 0       |
| 15BQ1A1211 | RT31126 | ADVANCED JAVA LAB                        | 17       | 31       | 2       |
| 15BQ1A1211 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 16       | 35       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A1211 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 36       | 2       |
| 15BQ1A1212 | RT31052 | DATA COMMUNICATION                       | 25       | 27       | 3       |
| 15BQ1A1212 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 22       | 37       | 3       |
| 15BQ1A1212 | RT31055 | OPERATING SYSTEMS                        | 24       | 24       | 3       |
| 15BQ1A1212 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A1212 | RT31121 | SOFTWARE ENGINEERING                     | 26       | 30       | 3       |
| 15BQ1A1212 | RT31123 | ADVANCED JAVA                            | 26       | 25       | 3       |
| 15BQ1A1212 | RT31126 | ADVANCED JAVA LAB                        | 23       | 44       | 2       |
| 15BQ1A1212 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 44       | 2       |
| 15BQ1A1212 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 46       | 2       |
| 15BQ1A1213 | RT31052 | DATA COMMUNICATION                       | 27       | 64       | 3       |
| 15BQ1A1213 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 58       | 3       |
| 15BQ1A1213 | RT31055 | OPERATING SYSTEMS                        | 30       | 53       | 3       |
| 15BQ1A1213 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A1213 | RT31121 | SOFTWARE ENGINEERING                     | 26       | 46       | 3       |
| 15BQ1A1213 | RT31123 | ADVANCED JAVA                            | 25       | 44       | 3       |
| 15BQ1A1213 | RT31126 | ADVANCED JAVA LAB                        | 25       | 50       | 2       |
| 15BQ1A1213 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 47       | 2       |
| 15BQ1A1213 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 47       | 2       |
| 15BQ1A1214 | RT31052 | DATA COMMUNICATION                       | 25       | 54       | 3       |
| 15BQ1A1214 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 16       | 28       | 3       |
| 15BQ1A1214 | RT31055 | OPERATING SYSTEMS                        | 21       | 24       | 3       |
| 15BQ1A1214 | RT31059 | SEMINAR                                  | 32       | 0        | 1       |
| 15BQ1A1214 | RT31121 | SOFTWARE ENGINEERING                     | 22       | 42       | 3       |
| 15BQ1A1214 | RT31123 | ADVANCED JAVA                            | 18       | 31       | 3       |
| 15BQ1A1214 | RT31126 | ADVANCED JAVA LAB                        | 17       | 36       | 2       |
| 15BQ1A1214 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 16       | 38       | 2       |
| 15BQ1A1214 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 42       | 2       |
| 15BQ1A1215 | RT31052 | DATA COMMUNICATION                       | 25       | 12       | 0       |
| 15BQ1A1215 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 22       | 13       | 0       |
| 15BQ1A1215 | RT31055 | OPERATING SYSTEMS                        | 19       | 6        | 0       |
| 15BQ1A1215 | RT31059 | SEMINAR                                  | 35       | 0        | 1       |
| 15BQ1A1215 | RT31121 | SOFTWARE ENGINEERING                     | 23       | 24       | 3       |
| 15BQ1A1215 | RT31123 | ADVANCED JAVA                            | 25       | 12       | 0       |
| 15BQ1A1215 | RT31126 | ADVANCED JAVA LAB                        | 20       | 41       | 2       |
| 15BQ1A1215 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 17       | 40       | 2       |
| 15BQ1A1215 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 40       | 2       |
| 15BQ1A1216 | RT31052 | DATA COMMUNICATION                       | 28       | 34       | 3       |
| 15BQ1A1216 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 31       | 3       |
| 15BQ1A1216 | RT31055 | OPERATING SYSTEMS                        | 26       | 35       | 3       |
| 15BQ1A1216 | RT31059 | SEMINAR                                  | 40       | 0        | 1       |
| 15BQ1A1216 | RT31121 | SOFTWARE ENGINEERING                     | 26       | 26       | 3       |
| 15BQ1A1216 | RT31123 | ADVANCED JAVA                            | 30       | 24       | 3       |
| 15BQ1A1216 | RT31126 | ADVANCED JAVA LAB                        | 24       | 44       | 2       |
| 15BQ1A1216 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 48       | 2       |
| 15BQ1A1216 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 42       | 2       |
| 15BQ1A1217 | RT31052 | DATA COMMUNICATION                       | 28       | 40       | 3       |
| 15BQ1A1217 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 46       | 3       |
| 15BQ1A1217 | RT31055 | OPERATING SYSTEMS                        | 26       | 50       | 3       |
| 15BQ1A1217 | RT31059 | SEMINAR                                  | 40       | 0        | 1       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A1217 | RT31121 | SOFTWARE ENGINEERING                     | 28       | 45       | 3       |
| 15BQ1A1217 | RT31123 | ADVANCED JAVA                            | 30       | 32       | 3       |
| 15BQ1A1217 | RT31126 | ADVANCED JAVA LAB                        | 25       | 46       | 2       |
| 15BQ1A1217 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 43       | 2       |
| 15BQ1A1217 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 45       | 2       |
| 15BQ1A1218 | RT31052 | DATA COMMUNICATION                       | 30       | 57       | 3       |
| 15BQ1A1218 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 29       | 36       | 3       |
| 15BQ1A1218 | RT31055 | OPERATING SYSTEMS                        | 29       | 55       | 3       |
| 15BQ1A1218 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A1218 | RT31121 | SOFTWARE ENGINEERING                     | 29       | 46       | 3       |
| 15BQ1A1218 | RT31123 | ADVANCED JAVA                            | 30       | 37       | 3       |
| 15BQ1A1218 | RT31126 | ADVANCED JAVA LAB                        | 24       | 50       | 2       |
| 15BQ1A1218 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 48       | 2       |
| 15BQ1A1218 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 47       | 2       |
| 15BQ1A1219 | RT31052 | DATA COMMUNICATION                       | 27       | 39       | 3       |
| 15BQ1A1219 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 46       | 3       |
| 15BQ1A1219 | RT31055 | OPERATING SYSTEMS                        | 25       | 47       | 3       |
| 15BQ1A1219 | RT31059 | SEMINAR                                  | 44       | 0        | 1       |
| 15BQ1A1219 | RT31121 | SOFTWARE ENGINEERING                     | 26       | 35       | 3       |
| 15BQ1A1219 | RT31123 | ADVANCED JAVA                            | 24       | 38       | 3       |
| 15BQ1A1219 | RT31126 | ADVANCED JAVA LAB                        | 24       | 48       | 2       |
| 15BQ1A1219 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 45       | 2       |
| 15BQ1A1219 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 46       | 2       |
| 15BQ1A1220 | RT31052 | DATA COMMUNICATION                       | 29       | 43       | 3       |
| 15BQ1A1220 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 48       | 3       |
| 15BQ1A1220 | RT31055 | OPERATING SYSTEMS                        | 27       | 31       | 3       |
| 15BQ1A1220 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A1220 | RT31121 | SOFTWARE ENGINEERING                     | 29       | 47       | 3       |
| 15BQ1A1220 | RT31123 | ADVANCED JAVA                            | 29       | 36       | 3       |
| 15BQ1A1220 | RT31126 | ADVANCED JAVA LAB                        | 22       | 47       | 2       |
| 15BQ1A1220 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 46       | 2       |
| 15BQ1A1220 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 47       | 2       |
| 15BQ1A1221 | RT31052 | DATA COMMUNICATION                       | 23       | 43       | 3       |
| 15BQ1A1221 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 21       | 46       | 3       |
| 15BQ1A1221 | RT31055 | OPERATING SYSTEMS                        | 25       | 41       | 3       |
| 15BQ1A1221 | RT31059 | SEMINAR                                  | 37       | 0        | 1       |
| 15BQ1A1221 | RT31121 | SOFTWARE ENGINEERING                     | 26       | 39       | 3       |
| 15BQ1A1221 | RT31123 | ADVANCED JAVA                            | 21       | 28       | 3       |
| 15BQ1A1221 | RT31126 | ADVANCED JAVA LAB                        | 22       | 48       | 2       |
| 15BQ1A1221 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 46       | 2       |
| 15BQ1A1221 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 39       | 2       |
| 15BQ1A1222 | RT31052 | DATA COMMUNICATION                       | 29       | 47       | 3       |
| 15BQ1A1222 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 35       | 3       |
| 15BQ1A1222 | RT31055 | OPERATING SYSTEMS                        | 28       | 39       | 3       |
| 15BQ1A1222 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A1222 | RT31121 | SOFTWARE ENGINEERING                     | 21       | 49       | 3       |
| 15BQ1A1222 | RT31123 | ADVANCED JAVA                            | 30       | 30       | 3       |
| 15BQ1A1222 | RT31126 | ADVANCED JAVA LAB                        | 23       | 45       | 2       |
| 15BQ1A1222 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 46       | 2       |
| 15BQ1A1222 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 48       | 2       |



| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A1223 | RT31052 | DATA COMMUNICATION                       | 23       | 15       | 0       |
| 15BQ1A1223 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 21       | 18       | 0       |
| 15BQ1A1223 | RT31055 | OPERATING SYSTEMS                        | 21       | 36       | 3       |
| 15BQ1A1223 | RT31059 | SEMINAR                                  | 44       | 0        | 1       |
| 15BQ1A1223 | RT31121 | SOFTWARE ENGINEERING                     | 21       | 28       | 3       |
| 15BQ1A1223 | RT31123 | ADVANCED JAVA                            | 20       | 29       | 3       |
| 15BQ1A1223 | RT31126 | ADVANCED JAVA LAB                        | 22       | 42       | 2       |
| 15BQ1A1223 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 42       | 2       |
| 15BQ1A1223 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 43       | 2       |
| 15BQ1A1224 | RT31052 | DATA COMMUNICATION                       | 29       | 46       | 3       |
| 15BQ1A1224 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 42       | 3       |
| 15BQ1A1224 | RT31055 | OPERATING SYSTEMS                        | 29       | 35       | 3       |
| 15BQ1A1224 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A1224 | RT31121 | SOFTWARE ENGINEERING                     | 26       | 27       | 3       |
| 15BQ1A1224 | RT31123 | ADVANCED JAVA                            | 30       | 36       | 3       |
| 15BQ1A1224 | RT31126 | ADVANCED JAVA LAB                        | 23       | 47       | 2       |
| 15BQ1A1224 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 47       | 2       |
| 15BQ1A1224 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A1225 | RT31052 | DATA COMMUNICATION                       | 28       | 44       | 3       |
| 15BQ1A1225 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 44       | 3       |
| 15BQ1A1225 | RT31055 | OPERATING SYSTEMS                        | 25       | 40       | 3       |
| 15BQ1A1225 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A1225 | RT31121 | SOFTWARE ENGINEERING                     | 25       | 41       | 3       |
| 15BQ1A1225 | RT31123 | ADVANCED JAVA                            | 27       | 33       | 3       |
| 15BQ1A1225 | RT31126 | ADVANCED JAVA LAB                        | 25       | 47       | 2       |
| 15BQ1A1225 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 48       | 2       |
| 15BQ1A1225 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A1226 | RT31052 | DATA COMMUNICATION                       | 30       | 43       | 3       |
| 15BQ1A1226 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 33       | 3       |
| 15BQ1A1226 | RT31055 | OPERATING SYSTEMS                        | 26       | 7        | 0       |
| 15BQ1A1226 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A1226 | RT31121 | SOFTWARE ENGINEERING                     | 26       | 45       | 3       |
| 15BQ1A1226 | RT31123 | ADVANCED JAVA                            | 28       | 29       | 3       |
| 15BQ1A1226 | RT31126 | ADVANCED JAVA LAB                        | 22       | 45       | 2       |
| 15BQ1A1226 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 44       | 2       |
| 15BQ1A1226 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 48       | 2       |
| 15BQ1A1227 | RT31052 | DATA COMMUNICATION                       | 17       | 7        | 0       |
| 15BQ1A1227 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 16       | 7        | 0       |
| 15BQ1A1227 | RT31055 | OPERATING SYSTEMS                        | 16       | 11       | 0       |
| 15BQ1A1227 | RT31059 | SEMINAR                                  | 35       | 0        | 1       |
| 15BQ1A1227 | RT31121 | SOFTWARE ENGINEERING                     | 16       | 11       | 0       |
| 15BQ1A1227 | RT31123 | ADVANCED JAVA                            | 16       | 4        | 0       |
| 15BQ1A1227 | RT31126 | ADVANCED JAVA LAB                        | 21       | 39       | 2       |
| 15BQ1A1227 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 41       | 2       |
| 15BQ1A1227 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 45       | 2       |
| 15BQ1A1228 | RT31052 | DATA COMMUNICATION                       | 26       | 42       | 3       |
| 15BQ1A1228 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 22       | 24       | 3       |
| 15BQ1A1228 | RT31055 | OPERATING SYSTEMS                        | 19       | -1       | 0       |
| 15BQ1A1228 | RT31059 | SEMINAR                                  | 42       | 0        | 1       |
| 15BQ1A1228 | RT31121 | SOFTWARE ENGINEERING                     | 18       | 37       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A1228 | RT31123 | ADVANCED JAVA                            | 19       | 29       | 3       |
| 15BQ1A1228 | RT31126 | ADVANCED JAVA LAB                        | 21       | 43       | 2       |
| 15BQ1A1228 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 45       | 2       |
| 15BQ1A1228 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 48       | 2       |
| 15BQ1A1229 | RT31052 | DATA COMMUNICATION                       | 26       | 40       | 3       |
| 15BQ1A1229 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 24       | 3       |
| 15BQ1A1229 | RT31055 | OPERATING SYSTEMS                        | 17       | 29       | 3       |
| 15BQ1A1229 | RT31059 | SEMINAR                                  | 39       | 0        | 1       |
| 15BQ1A1229 | RT31121 | SOFTWARE ENGINEERING                     | 20       | 26       | 3       |
| 15BQ1A1229 | RT31123 | ADVANCED JAVA                            | 17       | 24       | 3       |
| 15BQ1A1229 | RT31126 | ADVANCED JAVA LAB                        | 20       | 39       | 2       |
| 15BQ1A1229 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 19       | 41       | 2       |
| 15BQ1A1229 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 42       | 2       |
| 15BQ1A1231 | RT31052 | DATA COMMUNICATION                       | 25       | 51       | 3       |
| 15BQ1A1231 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 17       | 53       | 3       |
| 15BQ1A1231 | RT31055 | OPERATING SYSTEMS                        | 16       | 31       | 3       |
| 15BQ1A1231 | RT31059 | SEMINAR                                  | 40       | 0        | 1       |
| 15BQ1A1231 | RT31121 | SOFTWARE ENGINEERING                     | 23       | 49       | 3       |
| 15BQ1A1231 | RT31123 | ADVANCED JAVA                            | 19       | 31       | 3       |
| 15BQ1A1231 | RT31126 | ADVANCED JAVA LAB                        | 20       | 38       | 2       |
| 15BQ1A1231 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 31       | 2       |
| 15BQ1A1231 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A1232 | RT31052 | DATA COMMUNICATION                       | 17       | 20       | 0       |
| 15BQ1A1232 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 19       | 7        | 0       |
| 15BQ1A1232 | RT31055 | OPERATING SYSTEMS                        | 16       | 15       | 0       |
| 15BQ1A1232 | RT31059 | SEMINAR                                  | 33       | 0        | 1       |
| 15BQ1A1232 | RT31121 | SOFTWARE ENGINEERING                     | 25       | 27       | 3       |
| 15BQ1A1232 | RT31123 | ADVANCED JAVA                            | 17       | 8        | 0       |
| 15BQ1A1232 | RT31126 | ADVANCED JAVA LAB                        | 18       | 31       | 2       |
| 15BQ1A1232 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 31       | 2       |
| 15BQ1A1232 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 40       | 2       |
| 15BQ1A1233 | RT31052 | DATA COMMUNICATION                       | 29       | 48       | 3       |
| 15BQ1A1233 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 41       | 3       |
| 15BQ1A1233 | RT31055 | OPERATING SYSTEMS                        | 26       | 40       | 3       |
| 15BQ1A1233 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 15BQ1A1233 | RT31121 | SOFTWARE ENGINEERING                     | 28       | 49       | 3       |
| 15BQ1A1233 | RT31123 | ADVANCED JAVA                            | 26       | 31       | 3       |
| 15BQ1A1233 | RT31126 | ADVANCED JAVA LAB                        | 24       | 47       | 2       |
| 15BQ1A1233 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 47       | 2       |
| 15BQ1A1233 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 43       | 2       |
| 15BQ1A1234 | RT31052 | DATA COMMUNICATION                       | 30       | 60       | 3       |
| 15BQ1A1234 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 61       | 3       |
| 15BQ1A1234 | RT31055 | OPERATING SYSTEMS                        | 28       | 61       | 3       |
| 15BQ1A1234 | RT31059 | SEMINAR                                  | 49       | 0        | 1       |
| 15BQ1A1234 | RT31121 | SOFTWARE ENGINEERING                     | 30       | 54       | 3       |
| 15BQ1A1234 | RT31123 | ADVANCED JAVA                            | 30       | 25       | 3       |
| 15BQ1A1234 | RT31126 | ADVANCED JAVA LAB                        | 25       | 48       | 2       |
| 15BQ1A1234 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 48       | 2       |
| 15BQ1A1234 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 44       | 2       |
| 15BQ1A1235 | RT31052 | DATA COMMUNICATION                       | 24       | 46       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A1235 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 29       | 3       |
| 15BQ1A1235 | RT31055 | OPERATING SYSTEMS                        | 25       | 36       | 3       |
| 15BQ1A1235 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A1235 | RT31121 | SOFTWARE ENGINEERING                     | 24       | 46       | 3       |
| 15BQ1A1235 | RT31123 | ADVANCED JAVA                            | 29       | 31       | 3       |
| 15BQ1A1235 | RT31126 | ADVANCED JAVA LAB                        | 24       | 46       | 2       |
| 15BQ1A1235 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 49       | 2       |
| 15BQ1A1235 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 48       | 2       |
| 15BQ1A1236 | RT31052 | DATA COMMUNICATION                       | 29       | 43       | 3       |
| 15BQ1A1236 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 59       | 3       |
| 15BQ1A1236 | RT31055 | OPERATING SYSTEMS                        | 30       | 57       | 3       |
| 15BQ1A1236 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A1236 | RT31121 | SOFTWARE ENGINEERING                     | 29       | 43       | 3       |
| 15BQ1A1236 | RT31123 | ADVANCED JAVA                            | 30       | 46       | 3       |
| 15BQ1A1236 | RT31126 | ADVANCED JAVA LAB                        | 25       | 50       | 2       |
| 15BQ1A1236 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 49       | 2       |
| 15BQ1A1236 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 49       | 2       |
| 15BQ1A1237 | RT31052 | DATA COMMUNICATION                       | 20       | 38       | 3       |
| 15BQ1A1237 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 16       | 32       | 3       |
| 15BQ1A1237 | RT31055 | OPERATING SYSTEMS                        | 16       | 25       | 3       |
| 15BQ1A1237 | RT31059 | SEMINAR                                  | 40       | 0        | 1       |
| 15BQ1A1237 | RT31121 | SOFTWARE ENGINEERING                     | 22       | 34       | 3       |
| 15BQ1A1237 | RT31123 | ADVANCED JAVA                            | 20       | 24       | 3       |
| 15BQ1A1237 | RT31126 | ADVANCED JAVA LAB                        | 18       | 30       | 2       |
| 15BQ1A1237 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 19       | 43       | 2       |
| 15BQ1A1237 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 39       | 2       |
| 15BQ1A1238 | RT31052 | DATA COMMUNICATION                       | 28       | 60       | 3       |
| 15BQ1A1238 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 60       | 3       |
| 15BQ1A1238 | RT31055 | OPERATING SYSTEMS                        | 27       | 55       | 3       |
| 15BQ1A1238 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A1238 | RT31121 | SOFTWARE ENGINEERING                     | 28       | 36       | 3       |
| 15BQ1A1238 | RT31123 | ADVANCED JAVA                            | 26       | 46       | 3       |
| 15BQ1A1238 | RT31126 | ADVANCED JAVA LAB                        | 25       | 48       | 2       |
| 15BQ1A1238 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 46       | 2       |
| 15BQ1A1238 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 44       | 2       |
| 15BQ1A1239 | RT31052 | DATA COMMUNICATION                       | 16       | 38       | 3       |
| 15BQ1A1239 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 17       | 27       | 3       |
| 15BQ1A1239 | RT31055 | OPERATING SYSTEMS                        | 17       | 34       | 3       |
| 15BQ1A1239 | RT31059 | SEMINAR                                  | 38       | 0        | 1       |
| 15BQ1A1239 | RT31121 | SOFTWARE ENGINEERING                     | 17       | 24       | 3       |
| 15BQ1A1239 | RT31123 | ADVANCED JAVA                            | 17       | 24       | 3       |
| 15BQ1A1239 | RT31126 | ADVANCED JAVA LAB                        | 17       | 30       | 2       |
| 15BQ1A1239 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 15       | 30       | 2       |
| 15BQ1A1239 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 40       | 2       |
| 15BQ1A1240 | RT31052 | DATA COMMUNICATION                       | 17       | 6        | 0       |
| 15BQ1A1240 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 18       | 14       | 0       |
| 15BQ1A1240 | RT31055 | OPERATING SYSTEMS                        | 16       | 25       | 3       |
| 15BQ1A1240 | RT31059 | SEMINAR                                  | 33       | 0        | 1       |
| 15BQ1A1240 | RT31121 | SOFTWARE ENGINEERING                     | 18       | 31       | 3       |
| 15BQ1A1240 | RT31123 | ADVANCED JAVA                            | 16       | 11       | 0       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A1240 | RT31126 | ADVANCED JAVA LAB                        | 19       | 30       | 2       |
| 15BQ1A1240 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 17       | 32       | 2       |
| 15BQ1A1240 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 35       | 2       |
| 15BQ1A1244 | RT31052 | DATA COMMUNICATION                       | 17       | 33       | 3       |
| 15BQ1A1244 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 16       | 31       | 3       |
| 15BQ1A1244 | RT31055 | OPERATING SYSTEMS                        | 16       | 24       | 3       |
| 15BQ1A1244 | RT31059 | SEMINAR                                  | 33       | 0        | 1       |
| 15BQ1A1244 | RT31121 | SOFTWARE ENGINEERING                     | 22       | 24       | 3       |
| 15BQ1A1244 | RT31123 | ADVANCED JAVA                            | 23       | 12       | 0       |
| 15BQ1A1244 | RT31126 | ADVANCED JAVA LAB                        | 17       | 30       | 2       |
| 15BQ1A1244 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 14       | 31       | 2       |
| 15BQ1A1244 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 33       | 2       |
| 15BQ1A1245 | RT31052 | DATA COMMUNICATION                       | 17       | 36       | 3       |
| 15BQ1A1245 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 18       | 24       | 3       |
| 15BQ1A1245 | RT31055 | OPERATING SYSTEMS                        | 16       | 13       | 0       |
| 15BQ1A1245 | RT31059 | SEMINAR                                  | 37       | 0        | 1       |
| 15BQ1A1245 | RT31121 | SOFTWARE ENGINEERING                     | 18       | 2        | 0       |
| 15BQ1A1245 | RT31123 | ADVANCED JAVA                            | 17       | 13       | 0       |
| 15BQ1A1245 | RT31126 | ADVANCED JAVA LAB                        | 20       | 38       | 2       |
| 15BQ1A1245 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 41       | 2       |
| 15BQ1A1245 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 43       | 2       |
| 15BQ1A1246 | RT31052 | DATA COMMUNICATION                       | 30       | 38       | 3       |
| 15BQ1A1246 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 30       | 37       | 3       |
| 15BQ1A1246 | RT31055 | OPERATING SYSTEMS                        | 27       | 43       | 3       |
| 15BQ1A1246 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A1246 | RT31121 | SOFTWARE ENGINEERING                     | 27       | 42       | 3       |
| 15BQ1A1246 | RT31123 | ADVANCED JAVA                            | 29       | 28       | 3       |
| 15BQ1A1246 | RT31126 | ADVANCED JAVA LAB                        | 24       | 47       | 2       |
| 15BQ1A1246 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 47       | 2       |
| 15BQ1A1246 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 48       | 2       |
| 15BQ1A1247 | RT31052 | DATA COMMUNICATION                       | 26       | 27       | 3       |
| 15BQ1A1247 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 41       | 3       |
| 15BQ1A1247 | RT31055 | OPERATING SYSTEMS                        | 22       | 43       | 3       |
| 15BQ1A1247 | RT31059 | SEMINAR                                  | 44       | 0        | 1       |
| 15BQ1A1247 | RT31121 | SOFTWARE ENGINEERING                     | 22       | 42       | 3       |
| 15BQ1A1247 | RT31123 | ADVANCED JAVA                            | 29       | 45       | 3       |
| 15BQ1A1247 | RT31126 | ADVANCED JAVA LAB                        | 22       | 50       | 2       |
| 15BQ1A1247 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 47       | 2       |
| 15BQ1A1247 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 42       | 2       |
| 15BQ1A1248 | RT31052 | DATA COMMUNICATION                       | 19       | 17       | 0       |
| 15BQ1A1248 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 19       | 24       | 3       |
| 15BQ1A1248 | RT31055 | OPERATING SYSTEMS                        | 17       | 36       | 3       |
| 15BQ1A1248 | RT31059 | SEMINAR                                  | 38       | 0        | 1       |
| 15BQ1A1248 | RT31121 | SOFTWARE ENGINEERING                     | 23       | 36       | 3       |
| 15BQ1A1248 | RT31123 | ADVANCED JAVA                            | 16       | 6        | 0       |
| 15BQ1A1248 | RT31126 | ADVANCED JAVA LAB                        | 20       | 33       | 2       |
| 15BQ1A1248 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 36       | 2       |
| 15BQ1A1248 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 42       | 2       |
| 15BQ1A1249 | RT31052 | DATA COMMUNICATION                       | 21       | 37       | 3       |
| 15BQ1A1249 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 17       | 33       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A1249 | RT31055 | OPERATING SYSTEMS                        | 22       | 26       | 3       |
| 15BQ1A1249 | RT31059 | SEMINAR                                  | 42       | 0        | 1       |
| 15BQ1A1249 | RT31121 | SOFTWARE ENGINEERING                     | 21       | 28       | 3       |
| 15BQ1A1249 | RT31123 | ADVANCED JAVA                            | 20       | 13       | 0       |
| 15BQ1A1249 | RT31126 | ADVANCED JAVA LAB                        | 20       | 43       | 2       |
| 15BQ1A1249 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 41       | 2       |
| 15BQ1A1249 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 48       | 2       |
| 15BQ1A1250 | RT31052 | DATA COMMUNICATION                       | 30       | 33       | 3       |
| 15BQ1A1250 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 47       | 3       |
| 15BQ1A1250 | RT31055 | OPERATING SYSTEMS                        | 25       | 42       | 3       |
| 15BQ1A1250 | RT31059 | SEMINAR                                  | 44       | 0        | 1       |
| 15BQ1A1250 | RT31121 | SOFTWARE ENGINEERING                     | 29       | 50       | 3       |
| 15BQ1A1250 | RT31123 | ADVANCED JAVA                            | 29       | 47       | 3       |
| 15BQ1A1250 | RT31126 | ADVANCED JAVA LAB                        | 24       | 50       | 2       |
| 15BQ1A1250 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 49       | 2       |
| 15BQ1A1250 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 48       | 2       |
| 15BQ1A1251 | RT31052 | DATA COMMUNICATION                       | 27       | 16       | 0       |
| 15BQ1A1251 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 33       | 3       |
| 15BQ1A1251 | RT31055 | OPERATING SYSTEMS                        | 26       | 38       | 3       |
| 15BQ1A1251 | RT31059 | SEMINAR                                  | 42       | 0        | 1       |
| 15BQ1A1251 | RT31121 | SOFTWARE ENGINEERING                     | 19       | 28       | 3       |
| 15BQ1A1251 | RT31123 | ADVANCED JAVA                            | 28       | 31       | 3       |
| 15BQ1A1251 | RT31126 | ADVANCED JAVA LAB                        | 24       | 45       | 2       |
| 15BQ1A1251 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 44       | 2       |
| 15BQ1A1251 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 48       | 2       |
| 15BQ1A1252 | RT31052 | DATA COMMUNICATION                       | 25       | 43       | 3       |
| 15BQ1A1252 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 23       | 42       | 3       |
| 15BQ1A1252 | RT31055 | OPERATING SYSTEMS                        | 25       | 34       | 3       |
| 15BQ1A1252 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 15BQ1A1252 | RT31121 | SOFTWARE ENGINEERING                     | 26       | 49       | 3       |
| 15BQ1A1252 | RT31123 | ADVANCED JAVA                            | 26       | 28       | 3       |
| 15BQ1A1252 | RT31126 | ADVANCED JAVA LAB                        | 24       | 45       | 2       |
| 15BQ1A1252 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 47       | 2       |
| 15BQ1A1252 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 48       | 2       |
| 15BQ1A1253 | RT31052 | DATA COMMUNICATION                       | 29       | 60       | 3       |
| 15BQ1A1253 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 57       | 3       |
| 15BQ1A1253 | RT31055 | OPERATING SYSTEMS                        | 30       | 58       | 3       |
| 15BQ1A1253 | RT31059 | SEMINAR                                  | 44       | 0        | 1       |
| 15BQ1A1253 | RT31121 | SOFTWARE ENGINEERING                     | 28       | 45       | 3       |
| 15BQ1A1253 | RT31123 | ADVANCED JAVA                            | 25       | 46       | 3       |
| 15BQ1A1253 | RT31126 | ADVANCED JAVA LAB                        | 25       | 50       | 2       |
| 15BQ1A1253 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 25       | 49       | 2       |
| 15BQ1A1253 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 49       | 2       |
| 15BQ1A1254 | RT31052 | DATA COMMUNICATION                       | 29       | 44       | 3       |
| 15BQ1A1254 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 45       | 3       |
| 15BQ1A1254 | RT31055 | OPERATING SYSTEMS                        | 30       | 43       | 3       |
| 15BQ1A1254 | RT31059 | SEMINAR                                  | 44       | 0        | 1       |
| 15BQ1A1254 | RT31121 | SOFTWARE ENGINEERING                     | 27       | 39       | 3       |
| 15BQ1A1254 | RT31123 | ADVANCED JAVA                            | 24       | 42       | 3       |
| 15BQ1A1254 | RT31126 | ADVANCED JAVA LAB                        | 25       | 46       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 15BQ1A1254 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 47       | 2       |
| 15BQ1A1254 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 48       | 2       |
| 15BQ1A1255 | RT31052 | DATA COMMUNICATION                       | 21       | 5        | 0       |
| 15BQ1A1255 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 18       | 11       | 0       |
| 15BQ1A1255 | RT31055 | OPERATING SYSTEMS                        | 17       | 40       | 3       |
| 15BQ1A1255 | RT31059 | SEMINAR                                  | 39       | 0        | 1       |
| 15BQ1A1255 | RT31121 | SOFTWARE ENGINEERING                     | 17       | 24       | 3       |
| 15BQ1A1255 | RT31123 | ADVANCED JAVA                            | 23       | 16       | 0       |
| 15BQ1A1255 | RT31126 | ADVANCED JAVA LAB                        | 20       | 39       | 2       |
| 15BQ1A1255 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 40       | 2       |
| 15BQ1A1255 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 46       | 2       |
| 15BQ1A1256 | RT31052 | DATA COMMUNICATION                       | 19       | 14       | 0       |
| 15BQ1A1256 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 18       | 13       | 0       |
| 15BQ1A1256 | RT31055 | OPERATING SYSTEMS                        | 17       | 17       | 0       |
| 15BQ1A1256 | RT31059 | SEMINAR                                  | 44       | 0        | 1       |
| 15BQ1A1256 | RT31121 | SOFTWARE ENGINEERING                     | 21       | 26       | 3       |
| 15BQ1A1256 | RT31123 | ADVANCED JAVA                            | 17       | 1        | 0       |
| 15BQ1A1256 | RT31126 | ADVANCED JAVA LAB                        | 20       | 39       | 2       |
| 15BQ1A1256 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 19       | 40       | 2       |
| 15BQ1A1256 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 47       | 2       |
| 15BQ1A1257 | RT31052 | DATA COMMUNICATION                       | 28       | 51       | 3       |
| 15BQ1A1257 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 46       | 3       |
| 15BQ1A1257 | RT31055 | OPERATING SYSTEMS                        | 25       | 43       | 3       |
| 15BQ1A1257 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 15BQ1A1257 | RT31121 | SOFTWARE ENGINEERING                     | 27       | 39       | 3       |
| 15BQ1A1257 | RT31123 | ADVANCED JAVA                            | 26       | 36       | 3       |
| 15BQ1A1257 | RT31126 | ADVANCED JAVA LAB                        | 24       | 48       | 2       |
| 15BQ1A1257 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 48       | 2       |
| 15BQ1A1257 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 49       | 2       |
| 15BQ1A1258 | RT31052 | DATA COMMUNICATION                       | 19       | 39       | 3       |
| 15BQ1A1258 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 19       | 41       | 3       |
| 15BQ1A1258 | RT31055 | OPERATING SYSTEMS                        | 18       | 33       | 3       |
| 15BQ1A1258 | RT31059 | SEMINAR                                  | 40       | 0        | 1       |
| 15BQ1A1258 | RT31121 | SOFTWARE ENGINEERING                     | 19       | 36       | 3       |
| 15BQ1A1258 | RT31123 | ADVANCED JAVA                            | 23       | 24       | 3       |
| 15BQ1A1258 | RT31126 | ADVANCED JAVA LAB                        | 19       | 41       | 2       |
| 15BQ1A1258 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 42       | 2       |
| 15BQ1A1258 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 41       | 2       |
| 15BQ1A1259 | RT31052 | DATA COMMUNICATION                       | 21       | 28       | 3       |
| 15BQ1A1259 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 16       | 18       | 0       |
| 15BQ1A1259 | RT31055 | OPERATING SYSTEMS                        | 17       | 0        | 0       |
| 15BQ1A1259 | RT31059 | SEMINAR                                  | 35       | 0        | 1       |
| 15BQ1A1259 | RT31121 | SOFTWARE ENGINEERING                     | 20       | 24       | 3       |
| 15BQ1A1259 | RT31123 | ADVANCED JAVA                            | 23       | 24       | 3       |
| 15BQ1A1259 | RT31126 | ADVANCED JAVA LAB                        | 19       | 38       | 2       |
| 15BQ1A1259 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 40       | 2       |
| 15BQ1A1259 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 45       | 2       |
| 15BQ1A1260 | RT31052 | DATA COMMUNICATION                       | 25       | 38       | 3       |
| 15BQ1A1260 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 26       | 38       | 3       |
| 15BQ1A1260 | RT31055 | OPERATING SYSTEMS                        | 19       | 27       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 15BQ1A1260 | RT31059 | SEMINAR                                     | 37       | 0        | 1       |
| 15BQ1A1260 | RT31121 | SOFTWARE ENGINEERING                        | 20       | 37       | 3       |
| 15BQ1A1260 | RT31123 | ADVANCED JAVA                               | 21       | 26       | 3       |
| 15BQ1A1260 | RT31126 | ADVANCED JAVA LAB                           | 20       | 36       | 2       |
| 15BQ1A1260 | RT31127 | OPERATING SYSTEM & LINUX PROGRAMMING LAB    | 20       | 37       | 2       |
| 15BQ1A1260 | RT31128 | DATABASE MANAGEMENT SYSTEMS LAB             | 25       | 49       | 2       |
| 15BQ5A0113 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 30       | 3       |
| 15BQ5A0116 | RT31014 | ENGINEERING GEOLOGY                         | 17       | 1        | 0       |
| 15BQ5A0116 | RT31015 | TRANSPORTATION ENGINEERING-I                | 16       | 20       | 0       |
| 15BQ5A0124 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 21       | 39       | 3       |
| 15BQ5A0129 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 16       | 17       | 0       |
| 15BQ5A0214 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 22       | 8        | 0       |
| 15BQ5A0220 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 19       | 40       | 3       |
| 15BQ5A0304 | RT31033 | DESIGN OF MACHINE MEMBERS-I                 | 15       | 29       | 3       |
| 15BQ5A0405 | RT31041 | PULSE & DIGITAL CIRCUITS                    | 27       | 14       | 0       |
| 15BQ5A0407 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 27       | 31       | 3       |
| 15BQ5A0408 | RT31044 | DIGITAL SYSTEM DESIGN & DICA                | 20       | 0        | 0       |
| 15BQ5A0414 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 27       | 19       | 0       |
| 15BQ5A0415 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS      | 16       | 14       | 0       |
| 15BQ5A0415 | RT31043 | CONTROL SYSTEMS                             | 17       | 40       | 3       |
| 15BQ5A0415 | RT31044 | DIGITAL SYSTEM DESIGN & DICA                | 16       | 24       | 3       |
| 15BQ5A0415 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 19       | 6        | 0       |
| 15BQ5A0416 | RT31041 | PULSE & DIGITAL CIRCUITS                    | 20       | -1       | 0       |
| 15BQ5A0416 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS      | 18       | 9        | 0       |
| 15BQ5A0416 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 26       | 36       | 3       |
| 15BQ5A0422 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 25       | 24       | 3       |
| 15BQ5A0424 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 21       | 20       | 0       |
| 15BQ5A0425 | RT31044 | DIGITAL SYSTEM DESIGN & DICA                | 19       | 27       | 3       |
| 15BQ5A0425 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 22       | 13       | 0       |
| 15BQ5A0433 | RT31045 | ANTENNAS AND WAVE PROPAGATION               | 27       | 29       | 3       |
| 15BQ5A0511 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES         | 24       | 38       | 3       |
| 15BQ5A0511 | RT31055 | OPERATING SYSTEMS                           | 19       | 15       | 0       |
| 15KP1A0599 | RT31051 | COMPILER DESIGN                             | 26       | 44       | 3       |
| 15KP1A0599 | RT31052 | DATA COMMUNICATION                          | 24       | 31       | 3       |
| 15KP1A0599 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES         | 26       | 37       | 3       |
| 15KP1A0599 | RT31054 | DATABASE MANAGEMENT SYSTEMS                 | 21       | 33       | 3       |
| 15KP1A0599 | RT31055 | OPERATING SYSTEMS                           | 29       | 32       | 3       |
| 15KP1A0599 | RT31056 | COMPILER DESIGN LAB                         | 20       | 43       | 2       |
| 15KP1A0599 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB    | 16       | 32       | 2       |
| 15KP1A0599 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB             | 18       | 30       | 2       |
| 15KP1A0599 | RT31059 | SEMINAR                                     | 45       | 0        | 1       |
| 16BQ5A0101 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 25       | 41       | 3       |
| 16BQ5A0101 | RT31012 | STRUCTURAL ANALYSIS-II                      | 28       | 36       | 3       |
| 16BQ5A0101 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 46       | 3       |
| 16BQ5A0101 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 55       | 3       |
| 16BQ5A0101 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 45       | 3       |
| 16BQ5A0101 | RT31016 | IPR & PATENTS                               | 28       | 29       | 2       |
| 16BQ5A0101 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 48       | 2       |
| 16BQ5A0101 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 16BQ5A0102 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 0        | -1       | 0       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 16BQ5A0102 | RT31012 | STRUCTURAL ANALYSIS-II                      | 0        | -1       | 0       |
| 16BQ5A0102 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 2        | -1       | 0       |
| 16BQ5A0102 | RT31014 | ENGINEERING GEOLOGY                         | 0        | -1       | 0       |
| 16BQ5A0102 | RT31015 | TRANSPORTATION ENGINEERING-I                | 0        | -1       | 0       |
| 16BQ5A0102 | RT31016 | IPR & PATENTS                               | 0        | -1       | 0       |
| 16BQ5A0102 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 0        | -1       | 0       |
| 16BQ5A0102 | RT31018 | ENGINEERING GEOLOGY LAB                     | 0        | -1       | 0       |
| 16BQ5A0103 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 29       | 28       | 3       |
| 16BQ5A0103 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 33       | 3       |
| 16BQ5A0103 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 36       | 3       |
| 16BQ5A0103 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 45       | 3       |
| 16BQ5A0103 | RT31015 | TRANSPORTATION ENGINEERING-I                | 24       | 41       | 3       |
| 16BQ5A0103 | RT31016 | IPR & PATENTS                               | 20       | 40       | 2       |
| 16BQ5A0103 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 48       | 2       |
| 16BQ5A0103 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 16BQ5A0104 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 30       | 70       | 3       |
| 16BQ5A0104 | RT31012 | STRUCTURAL ANALYSIS-II                      | 30       | 39       | 3       |
| 16BQ5A0104 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 40       | 3       |
| 16BQ5A0104 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 51       | 3       |
| 16BQ5A0104 | RT31015 | TRANSPORTATION ENGINEERING-I                | 27       | 44       | 3       |
| 16BQ5A0104 | RT31016 | IPR & PATENTS                               | 28       | 41       | 2       |
| 16BQ5A0104 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 48       | 2       |
| 16BQ5A0104 | RT31018 | ENGINEERING GEOLOGY LAB                     | 25       | 49       | 2       |
| 16BQ5A0105 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 69       | 3       |
| 16BQ5A0105 | RT31012 | STRUCTURAL ANALYSIS-II                      | 28       | 54       | 3       |
| 16BQ5A0105 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 62       | 3       |
| 16BQ5A0105 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 60       | 3       |
| 16BQ5A0105 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 49       | 3       |
| 16BQ5A0105 | RT31016 | IPR & PATENTS                               | 21       | 36       | 2       |
| 16BQ5A0105 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 47       | 2       |
| 16BQ5A0105 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 48       | 2       |
| 16BQ5A0106 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 22       | 41       | 3       |
| 16BQ5A0106 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 33       | 3       |
| 16BQ5A0106 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 31       | 3       |
| 16BQ5A0106 | RT31014 | ENGINEERING GEOLOGY                         | 27       | 36       | 3       |
| 16BQ5A0106 | RT31015 | TRANSPORTATION ENGINEERING-I                | 25       | 36       | 3       |
| 16BQ5A0106 | RT31016 | IPR & PATENTS                               | 22       | 29       | 2       |
| 16BQ5A0106 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 46       | 2       |
| 16BQ5A0106 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 48       | 2       |
| 16BQ5A0107 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 30       | 3       |
| 16BQ5A0107 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 31       | 3       |
| 16BQ5A0107 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 45       | 3       |
| 16BQ5A0107 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 33       | 3       |
| 16BQ5A0107 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 37       | 3       |
| 16BQ5A0107 | RT31016 | IPR & PATENTS                               | 20       | 32       | 2       |
| 16BQ5A0107 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 46       | 2       |
| 16BQ5A0107 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 47       | 2       |
| 16BQ5A0108 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 47       | 3       |
| 16BQ5A0108 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 33       | 3       |
| 16BQ5A0108 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 31       | 3       |



| Htno       | Subcode | Subname                                     | Internal | External | Credits |
|------------|---------|---|----------|----------|---------|
| 16BQ5A0108 | RT31014 | ENGINEERING GEOLOGY                         | 25       | 29       | 3       |
| 16BQ5A0108 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 46       | 3       |
| 16BQ5A0108 | RT31016 | IPR & PATENTS                               | 25       | 31       | 2       |
| 16BQ5A0108 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 47       | 2       |
| 16BQ5A0108 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 16BQ5A0109 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 16       | 16       | 0       |
| 16BQ5A0109 | RT31012 | STRUCTURAL ANALYSIS-II                      | 17       | 42       | 3       |
| 16BQ5A0109 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 47       | 3       |
| 16BQ5A0109 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 52       | 3       |
| 16BQ5A0109 | RT31015 | TRANSPORTATION ENGINEERING-I                | 23       | 46       | 3       |
| 16BQ5A0109 | RT31016 | IPR & PATENTS                               | 24       | 36       | 2       |
| 16BQ5A0109 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 16       | 46       | 2       |
| 16BQ5A0109 | RT31018 | ENGINEERING GEOLOGY LAB                     | 19       | 45       | 2       |
| 16BQ5A0110 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 23       | 45       | 3       |
| 16BQ5A0110 | RT31012 | STRUCTURAL ANALYSIS-II                      | 20       | 32       | 3       |
| 16BQ5A0110 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 25       | 31       | 3       |
| 16BQ5A0110 | RT31014 | ENGINEERING GEOLOGY                         | 21       | 37       | 3       |
| 16BQ5A0110 | RT31015 | TRANSPORTATION ENGINEERING-I                | 21       | 33       | 3       |
| 16BQ5A0110 | RT31016 | IPR & PATENTS                               | 21       | 39       | 2       |
| 16BQ5A0110 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 48       | 2       |
| 16BQ5A0110 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 49       | 2       |
| 16BQ5A0111 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 24       | 24       | 3       |
| 16BQ5A0111 | RT31012 | STRUCTURAL ANALYSIS-II                      | 24       | 14       | 0       |
| 16BQ5A0111 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 26       | 3       |
| 16BQ5A0111 | RT31014 | ENGINEERING GEOLOGY                         | 20       | 26       | 3       |
| 16BQ5A0111 | RT31015 | TRANSPORTATION ENGINEERING-I                | 18       | 36       | 3       |
| 16BQ5A0111 | RT31016 | IPR & PATENTS                               | 16       | 36       | 2       |
| 16BQ5A0111 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 25       | 45       | 2       |
| 16BQ5A0111 | RT31018 | ENGINEERING GEOLOGY LAB                     | 22       | 46       | 2       |
| 16BQ5A0112 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 26       | 50       | 3       |
| 16BQ5A0112 | RT31012 | STRUCTURAL ANALYSIS-II                      | 27       | 47       | 3       |
| 16BQ5A0112 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 31       | 3       |
| 16BQ5A0112 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 50       | 3       |
| 16BQ5A0112 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 36       | 3       |
| 16BQ5A0112 | RT31016 | IPR & PATENTS                               | 27       | 28       | 2       |
| 16BQ5A0112 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 44       | 2       |
| 16BQ5A0112 | RT31018 | ENGINEERING GEOLOGY LAB                     | 20       | 48       | 2       |
| 16BQ5A0114 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 62       | 3       |
| 16BQ5A0114 | RT31012 | STRUCTURAL ANALYSIS-II                      | 30       | 41       | 3       |
| 16BQ5A0114 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 47       | 3       |
| 16BQ5A0114 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 41       | 3       |
| 16BQ5A0114 | RT31015 | TRANSPORTATION ENGINEERING-I                | 29       | 49       | 3       |
| 16BQ5A0114 | RT31016 | IPR & PATENTS                               | 26       | 36       | 2       |
| 16BQ5A0114 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 47       | 2       |
| 16BQ5A0114 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 16BQ5A0115 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 23       | 36       | 3       |
| 16BQ5A0115 | RT31012 | STRUCTURAL ANALYSIS-II                      | 27       | 34       | 3       |
| 16BQ5A0115 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 22       | 0       |
| 16BQ5A0115 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 30       | 3       |
| 16BQ5A0115 | RT31015 | TRANSPORTATION ENGINEERING-I                | 26       | 36       | 3       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
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| 16BQ5A0115 | RT31016 | IPR & PATENTS                               | 27       | 37       | 2       |
| 16BQ5A0115 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 45       | 2       |
| 16BQ5A0115 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 48       | 2       |
| 16BQ5A0116 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 24       | 3       |
| 16BQ5A0116 | RT31012 | STRUCTURAL ANALYSIS-II                      | 24       | 35       | 3       |
| 16BQ5A0116 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 41       | 3       |
| 16BQ5A0116 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 57       | 3       |
| 16BQ5A0116 | RT31015 | TRANSPORTATION ENGINEERING-I                | 25       | 40       | 3       |
| 16BQ5A0116 | RT31016 | IPR & PATENTS                               | 27       | 27       | 2       |
| 16BQ5A0116 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 21       | 45       | 2       |
| 16BQ5A0116 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 48       | 2       |
| 16BQ5A0117 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 23       | 16       | 0       |
| 16BQ5A0117 | RT31012 | STRUCTURAL ANALYSIS-II                      | 28       | 24       | 3       |
| 16BQ5A0117 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 17       | 0       |
| 16BQ5A0117 | RT31014 | ENGINEERING GEOLOGY                         | 28       | 34       | 3       |
| 16BQ5A0117 | RT31015 | TRANSPORTATION ENGINEERING-I                | 26       | 34       | 3       |
| 16BQ5A0117 | RT31016 | IPR & PATENTS                               | 24       | 27       | 2       |
| 16BQ5A0117 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 45       | 2       |
| 16BQ5A0117 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 47       | 2       |
| 16BQ5A0118 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 28       | 35       | 3       |
| 16BQ5A0118 | RT31012 | STRUCTURAL ANALYSIS-II                      | 28       | 36       | 3       |
| 16BQ5A0118 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 28       | 38       | 3       |
| 16BQ5A0118 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 52       | 3       |
| 16BQ5A0118 | RT31015 | TRANSPORTATION ENGINEERING-I                | 27       | 43       | 3       |
| 16BQ5A0118 | RT31016 | IPR & PATENTS                               | 26       | 28       | 2       |
| 16BQ5A0118 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 47       | 2       |
| 16BQ5A0118 | RT31018 | ENGINEERING GEOLOGY LAB                     | 25       | 49       | 2       |
| 16BQ5A0119 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 47       | 3       |
| 16BQ5A0119 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 40       | 3       |
| 16BQ5A0119 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 22       | 32       | 3       |
| 16BQ5A0119 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 37       | 3       |
| 16BQ5A0119 | RT31015 | TRANSPORTATION ENGINEERING-I                | 26       | 34       | 3       |
| 16BQ5A0119 | RT31016 | IPR & PATENTS                               | 23       | 34       | 2       |
| 16BQ5A0119 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 46       | 2       |
| 16BQ5A0119 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 47       | 2       |
| 16BQ5A0120 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 21       | 24       | 3       |
| 16BQ5A0120 | RT31012 | STRUCTURAL ANALYSIS-II                      | 21       | 24       | 3       |
| 16BQ5A0120 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 27       | 27       | 3       |
| 16BQ5A0120 | RT31014 | ENGINEERING GEOLOGY                         | 23       | 30       | 3       |
| 16BQ5A0120 | RT31015 | TRANSPORTATION ENGINEERING-I                | 24       | 29       | 3       |
| 16BQ5A0120 | RT31016 | IPR & PATENTS                               | 17       | 28       | 2       |
| 16BQ5A0120 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 42       | 2       |
| 16BQ5A0120 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 47       | 2       |
| 16BQ5A0122 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 23       | 17       | 0       |
| 16BQ5A0122 | RT31012 | STRUCTURAL ANALYSIS-II                      | 23       | 41       | 3       |
| 16BQ5A0122 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 25       | 31       | 3       |
| 16BQ5A0122 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 38       | 3       |
| 16BQ5A0122 | RT31015 | TRANSPORTATION ENGINEERING-I                | 24       | 31       | 3       |
| 16BQ5A0122 | RT31016 | IPR & PATENTS                               | 24       | 27       | 2       |
| 16BQ5A0122 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 23       | 43       | 2       |

| Htno       | Subcode | Subname                                     | Internal | External | Credits |
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| 16BQ5A0122 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 47       | 2       |
| 16BQ5A0123 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 27       | 25       | 3       |
| 16BQ5A0123 | RT31012 | STRUCTURAL ANALYSIS-II                      | 25       | 46       | 3       |
| 16BQ5A0123 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 46       | 3       |
| 16BQ5A0123 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 45       | 3       |
| 16BQ5A0123 | RT31015 | TRANSPORTATION ENGINEERING-I                | 22       | 31       | 3       |
| 16BQ5A0123 | RT31016 | IPR & PATENTS                               | 20       | 35       | 2       |
| 16BQ5A0123 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 24       | 42       | 2       |
| 16BQ5A0123 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 46       | 2       |
| 16BQ5A0124 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 24       | 24       | 3       |
| 16BQ5A0124 | RT31012 | STRUCTURAL ANALYSIS-II                      | 26       | 32       | 3       |
| 16BQ5A0124 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 25       | 34       | 3       |
| 16BQ5A0124 | RT31014 | ENGINEERING GEOLOGY                         | 26       | 29       | 3       |
| 16BQ5A0124 | RT31015 | TRANSPORTATION ENGINEERING-I                | 21       | 28       | 3       |
| 16BQ5A0124 | RT31016 | IPR & PATENTS                               | 22       | 37       | 2       |
| 16BQ5A0124 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 20       | 42       | 2       |
| 16BQ5A0124 | RT31018 | ENGINEERING GEOLOGY LAB                     | 23       | 47       | 2       |
| 16BQ5A0125 | RT31011 | GEOTECHNICAL ENGINEERING-I                  | 22       | 25       | 3       |
| 16BQ5A0125 | RT31012 | STRUCTURAL ANALYSIS-II                      | 28       | 29       | 3       |
| 16BQ5A0125 | RT31013 | DESIGN AND DRAWING OF REINFORCED CONCRETE S | 30       | 44       | 3       |
| 16BQ5A0125 | RT31014 | ENGINEERING GEOLOGY                         | 29       | 43       | 3       |
| 16BQ5A0125 | RT31015 | TRANSPORTATION ENGINEERING-I                | 24       | 40       | 3       |
| 16BQ5A0125 | RT31016 | IPR & PATENTS                               | 27       | 25       | 2       |
| 16BQ5A0125 | RT31017 | GEOTECHNICAL ENGINEERING LAB                | 22       | 41       | 2       |
| 16BQ5A0125 | RT31018 | ENGINEERING GEOLOGY LAB                     | 24       | 47       | 2       |
| 16BQ5A0201 | RT31016 | IPR & PATENTS                               | 28       | 46       | 2       |
| 16BQ5A0201 | RT31021 | ELECTRICAL MEASUREMENTS                     | 22       | 53       | 3       |
| 16BQ5A0201 | RT31022 | MEFA  | 25       | 50       | 3       |
| 16BQ5A0201 | RT31023 | POWER SYSTEMS-II                            | 22       | 57       | 3       |
| 16BQ5A0201 | RT31024 | ELECTRICAL MACHINES-III                     | 27       | 58       | 3       |
| 16BQ5A0201 | RT31025 | POWER ELECTRONICS                           | 24       | 40       | 3       |
| 16BQ5A0201 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 29       | 49       | 3       |
| 16BQ5A0201 | RT31027 | ELECTRICAL MACHINES-II LAB                  | 22       | 36       | 2       |
| 16BQ5A0201 | RT31028 | CONTROL SYSTEMS LAB                         | 22       | 47       | 2       |
| 16BQ5A0202 | RT31016 | IPR & PATENTS                               | 18       | 14       | 0       |
| 16BQ5A0202 | RT31021 | ELECTRICAL MEASUREMENTS                     | 16       | 7        | 0       |
| 16BQ5A0202 | RT31022 | MEFA  | 18       | 32       | 3       |
| 16BQ5A0202 | RT31023 | POWER SYSTEMS-II                            | 18       | 0        | 0       |
| 16BQ5A0202 | RT31024 | ELECTRICAL MACHINES-III                     | 17       | 15       | 0       |
| 16BQ5A0202 | RT31025 | POWER ELECTRONICS                           | 17       | 24       | 3       |
| 16BQ5A0202 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 19       | 13       | 0       |
| 16BQ5A0202 | RT31027 | ELECTRICAL MACHINES-II LAB                  | 16       | 21       | 2       |
| 16BQ5A0202 | RT31028 | CONTROL SYSTEMS LAB                         | 14       | 30       | 2       |
| 16BQ5A0203 | RT31016 | IPR & PATENTS                               | 28       | 49       | 2       |
| 16BQ5A0203 | RT31021 | ELECTRICAL MEASUREMENTS                     | 26       | 37       | 3       |
| 16BQ5A0203 | RT31022 | MEFA  | 22       | 48       | 3       |
| 16BQ5A0203 | RT31023 | POWER SYSTEMS-II                            | 22       | 39       | 3       |
| 16BQ5A0203 | RT31024 | ELECTRICAL MACHINES-III                     | 28       | 43       | 3       |
| 16BQ5A0203 | RT31025 | POWER ELECTRONICS                           | 23       | 24       | 3       |
| 16BQ5A0203 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS            | 27       | 27       | 3       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
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| 16BQ5A0203 | RT31027 | ELECTRICAL MACHINES-II LAB       | 22       | 47       | 2       |
| 16BQ5A0203 | RT31028 | CONTROL SYSTEMS LAB              | 22       | 47       | 2       |
| 16BQ5A0204 | RT31016 | IPR & PATENTS                    | 12       | 17       | 0       |
| 16BQ5A0204 | RT31021 | ELECTRICAL MEASUREMENTS          | 21       | 25       | 3       |
| 16BQ5A0204 | RT31022 | MEFA                             | 16       | 9        | 0       |
| 16BQ5A0204 | RT31023 | POWER SYSTEMS-II                 | 21       | 36       | 3       |
| 16BQ5A0204 | RT31024 | ELECTRICAL MACHINES-III          | 22       | 26       | 3       |
| 16BQ5A0204 | RT31025 | POWER ELECTRONICS                | 18       | 24       | 3       |
| 16BQ5A0204 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 21       | 31       | 3       |
| 16BQ5A0204 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 38       | 2       |
| 16BQ5A0204 | RT31028 | CONTROL SYSTEMS LAB              | 14       | 39       | 2       |
| 16BQ5A0205 | RT31016 | IPR & PATENTS                    | 26       | 46       | 2       |
| 16BQ5A0205 | RT31021 | ELECTRICAL MEASUREMENTS          | 29       | 50       | 3       |
| 16BQ5A0205 | RT31022 | MEFA                             | 26       | 53       | 3       |
| 16BQ5A0205 | RT31023 | POWER SYSTEMS-II                 | 28       | 57       | 3       |
| 16BQ5A0205 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 63       | 3       |
| 16BQ5A0205 | RT31025 | POWER ELECTRONICS                | 26       | 37       | 3       |
| 16BQ5A0205 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 50       | 3       |
| 16BQ5A0205 | RT31027 | ELECTRICAL MACHINES-II LAB       | 22       | 42       | 2       |
| 16BQ5A0205 | RT31028 | CONTROL SYSTEMS LAB              | 22       | 45       | 2       |
| 16BQ5A0206 | RT31016 | IPR & PATENTS                    | 21       | 39       | 2       |
| 16BQ5A0206 | RT31021 | ELECTRICAL MEASUREMENTS          | 20       | 57       | 3       |
| 16BQ5A0206 | RT31022 | MEFA                             | 23       | 40       | 3       |
| 16BQ5A0206 | RT31023 | POWER SYSTEMS-II                 | 25       | 16       | 0       |
| 16BQ5A0206 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 48       | 3       |
| 16BQ5A0206 | RT31025 | POWER ELECTRONICS                | 26       | 34       | 3       |
| 16BQ5A0206 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 48       | 3       |
| 16BQ5A0206 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 43       | 2       |
| 16BQ5A0206 | RT31028 | CONTROL SYSTEMS LAB              | 12       | 40       | 2       |
| 16BQ5A0207 | RT31016 | IPR & PATENTS                    | 22       | 36       | 2       |
| 16BQ5A0207 | RT31021 | ELECTRICAL MEASUREMENTS          | 19       | 41       | 3       |
| 16BQ5A0207 | RT31022 | MEFA                             | 24       | 48       | 3       |
| 16BQ5A0207 | RT31023 | POWER SYSTEMS-II                 | 21       | 29       | 3       |
| 16BQ5A0207 | RT31024 | ELECTRICAL MACHINES-III          | 30       | 45       | 3       |
| 16BQ5A0207 | RT31025 | POWER ELECTRONICS                | 22       | 26       | 3       |
| 16BQ5A0207 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 17       | 0       |
| 16BQ5A0207 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 48       | 2       |
| 16BQ5A0207 | RT31028 | CONTROL SYSTEMS LAB              | 21       | 46       | 2       |
| 16BQ5A0208 | RT31016 | IPR & PATENTS                    | 18       | 30       | 2       |
| 16BQ5A0208 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 25       | 3       |
| 16BQ5A0208 | RT31022 | MEFA                             | 16       | 28       | 3       |
| 16BQ5A0208 | RT31023 | POWER SYSTEMS-II                 | 18       | 27       | 3       |
| 16BQ5A0208 | RT31024 | ELECTRICAL MACHINES-III          | 16       | 24       | 3       |
| 16BQ5A0208 | RT31025 | POWER ELECTRONICS                | 17       | 20       | 0       |
| 16BQ5A0208 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 20       | 16       | 0       |
| 16BQ5A0208 | RT31027 | ELECTRICAL MACHINES-II LAB       | 13       | 20       | 2       |
| 16BQ5A0208 | RT31028 | CONTROL SYSTEMS LAB              | 15       | 37       | 2       |
| 16BQ5A0209 | RT31016 | IPR & PATENTS                    | 27       | 41       | 2       |
| 16BQ5A0209 | RT31021 | ELECTRICAL MEASUREMENTS          | 20       | 33       | 3       |
| 16BQ5A0209 | RT31022 | MEFA                             | 23       | 41       | 3       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
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| 16BQ5A0209 | RT31023 | POWER SYSTEMS-II                 | 22       | 46       | 3       |
| 16BQ5A0209 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 55       | 3       |
| 16BQ5A0209 | RT31025 | POWER ELECTRONICS                | 20       | 29       | 3       |
| 16BQ5A0209 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 38       | 3       |
| 16BQ5A0209 | RT31027 | ELECTRICAL MACHINES-II LAB       | 22       | 33       | 2       |
| 16BQ5A0209 | RT31028 | CONTROL SYSTEMS LAB              | 21       | 43       | 2       |
| 16BQ5A0210 | RT31016 | IPR & PATENTS                    | 23       | 30       | 2       |
| 16BQ5A0210 | RT31021 | ELECTRICAL MEASUREMENTS          | 18       | 24       | 3       |
| 16BQ5A0210 | RT31022 | MEFA                             | 17       | 42       | 3       |
| 16BQ5A0210 | RT31023 | POWER SYSTEMS-II                 | 18       | 0        | 0       |
| 16BQ5A0210 | RT31024 | ELECTRICAL MACHINES-III          | 20       | 24       | 3       |
| 16BQ5A0210 | RT31025 | POWER ELECTRONICS                | 18       | 26       | 3       |
| 16BQ5A0210 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 22       | 0        | 0       |
| 16BQ5A0210 | RT31027 | ELECTRICAL MACHINES-II LAB       | 21       | 44       | 2       |
| 16BQ5A0210 | RT31028 | CONTROL SYSTEMS LAB              | 17       | 33       | 2       |
| 16BQ5A0211 | RT31016 | IPR & PATENTS                    | 25       | 44       | 2       |
| 16BQ5A0211 | RT31021 | ELECTRICAL MEASUREMENTS          | 24       | 29       | 3       |
| 16BQ5A0211 | RT31022 | MEFA                             | 21       | 34       | 3       |
| 16BQ5A0211 | RT31023 | POWER SYSTEMS-II                 | 24       | 30       | 3       |
| 16BQ5A0211 | RT31024 | ELECTRICAL MACHINES-III          | 28       | 39       | 3       |
| 16BQ5A0211 | RT31025 | POWER ELECTRONICS                | 23       | 24       | 3       |
| 16BQ5A0211 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 14       | 0       |
| 16BQ5A0211 | RT31027 | ELECTRICAL MACHINES-II LAB       | 19       | 41       | 2       |
| 16BQ5A0211 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 42       | 2       |
| 16BQ5A0212 | RT31016 | IPR & PATENTS                    | 20       | 32       | 2       |
| 16BQ5A0212 | RT31021 | ELECTRICAL MEASUREMENTS          | 17       | 25       | 3       |
| 16BQ5A0212 | RT31022 | MEFA                             | 16       | 37       | 3       |
| 16BQ5A0212 | RT31023 | POWER SYSTEMS-II                 | 18       | 14       | 0       |
| 16BQ5A0212 | RT31024 | ELECTRICAL MACHINES-III          | 19       | 25       | 3       |
| 16BQ5A0212 | RT31025 | POWER ELECTRONICS                | 17       | 24       | 3       |
| 16BQ5A0212 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 18       | 41       | 3       |
| 16BQ5A0212 | RT31027 | ELECTRICAL MACHINES-II LAB       | 12       | 18       | 2       |
| 16BQ5A0212 | RT31028 | CONTROL SYSTEMS LAB              | 15       | 42       | 2       |
| 16BQ5A0213 | RT31016 | IPR & PATENTS                    | 19       | 44       | 2       |
| 16BQ5A0213 | RT31021 | ELECTRICAL MEASUREMENTS          | 24       | 48       | 3       |
| 16BQ5A0213 | RT31022 | MEFA                             | 21       | 38       | 3       |
| 16BQ5A0213 | RT31023 | POWER SYSTEMS-II                 | 20       | 40       | 3       |
| 16BQ5A0213 | RT31024 | ELECTRICAL MACHINES-III          | 24       | 45       | 3       |
| 16BQ5A0213 | RT31025 | POWER ELECTRONICS                | 25       | 40       | 3       |
| 16BQ5A0213 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 27       | 54       | 3       |
| 16BQ5A0213 | RT31027 | ELECTRICAL MACHINES-II LAB       | 17       | 36       | 2       |
| 16BQ5A0213 | RT31028 | CONTROL SYSTEMS LAB              | 16       | 39       | 2       |
| 16BQ5A0214 | RT31016 | IPR & PATENTS                    | 18       | 42       | 2       |
| 16BQ5A0214 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 18       | 0       |
| 16BQ5A0214 | RT31022 | MEFA                             | 18       | 38       | 3       |
| 16BQ5A0214 | RT31023 | POWER SYSTEMS-II                 | 18       | 2        | 0       |
| 16BQ5A0214 | RT31024 | ELECTRICAL MACHINES-III          | 22       | 20       | 0       |
| 16BQ5A0214 | RT31025 | POWER ELECTRONICS                | 16       | 24       | 3       |
| 16BQ5A0214 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 22       | 24       | 3       |
| 16BQ5A0214 | RT31027 | ELECTRICAL MACHINES-II LAB       | 15       | 30       | 2       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
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| 16BQ5A0214 | RT31028 | CONTROL SYSTEMS LAB              | 21       | 35       | 2       |
| 16BQ5A0215 | RT31016 | IPR & PATENTS                    | 29       | 41       | 2       |
| 16BQ5A0215 | RT31021 | ELECTRICAL MEASUREMENTS          | 29       | 30       | 3       |
| 16BQ5A0215 | RT31022 | MEFA                             | 28       | 47       | 3       |
| 16BQ5A0215 | RT31023 | POWER SYSTEMS-II                 | 24       | 41       | 3       |
| 16BQ5A0215 | RT31024 | ELECTRICAL MACHINES-III          | 28       | 43       | 3       |
| 16BQ5A0215 | RT31025 | POWER ELECTRONICS                | 27       | 38       | 3       |
| 16BQ5A0215 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 24       | 3       |
| 16BQ5A0215 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 42       | 2       |
| 16BQ5A0215 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 45       | 2       |
| 16BQ5A0216 | RT31016 | IPR & PATENTS                    | 18       | 26       | 2       |
| 16BQ5A0216 | RT31021 | ELECTRICAL MEASUREMENTS          | 19       | 31       | 3       |
| 16BQ5A0216 | RT31022 | MEFA                             | 16       | 24       | 3       |
| 16BQ5A0216 | RT31023 | POWER SYSTEMS-II                 | 17       | 38       | 3       |
| 16BQ5A0216 | RT31024 | ELECTRICAL MACHINES-III          | 23       | 36       | 3       |
| 16BQ5A0216 | RT31025 | POWER ELECTRONICS                | 24       | 19       | 0       |
| 16BQ5A0216 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 18       | 35       | 3       |
| 16BQ5A0216 | RT31027 | ELECTRICAL MACHINES-II LAB       | 20       | 39       | 2       |
| 16BQ5A0216 | RT31028 | CONTROL SYSTEMS LAB              | 14       | 36       | 2       |
| 16BQ5A0217 | RT31016 | IPR & PATENTS                    | 17       | 30       | 2       |
| 16BQ5A0217 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 3        | 0       |
| 16BQ5A0217 | RT31022 | MEFA                             | 16       | 30       | 3       |
| 16BQ5A0217 | RT31023 | POWER SYSTEMS-II                 | 5        | 9        | 0       |
| 16BQ5A0217 | RT31024 | ELECTRICAL MACHINES-III          | 21       | 33       | 3       |
| 16BQ5A0217 | RT31025 | POWER ELECTRONICS                | 21       | 32       | 3       |
| 16BQ5A0217 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 17       | 34       | 3       |
| 16BQ5A0217 | RT31027 | ELECTRICAL MACHINES-II LAB       | 13       | 32       | 2       |
| 16BQ5A0217 | RT31028 | CONTROL SYSTEMS LAB              | 13       | -1       | 0       |
| 16BQ5A0218 | RT31016 | IPR & PATENTS                    | 27       | 43       | 2       |
| 16BQ5A0218 | RT31021 | ELECTRICAL MEASUREMENTS          | 21       | 30       | 3       |
| 16BQ5A0218 | RT31022 | MEFA                             | 26       | 43       | 3       |
| 16BQ5A0218 | RT31023 | POWER SYSTEMS-II                 | 23       | 0        | 0       |
| 16BQ5A0218 | RT31024 | ELECTRICAL MACHINES-III          | 26       | 46       | 3       |
| 16BQ5A0218 | RT31025 | POWER ELECTRONICS                | 22       | 30       | 3       |
| 16BQ5A0218 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 25       | 24       | 3       |
| 16BQ5A0218 | RT31027 | ELECTRICAL MACHINES-II LAB       | 16       | 40       | 2       |
| 16BQ5A0218 | RT31028 | CONTROL SYSTEMS LAB              | 23       | 44       | 2       |
| 16BQ5A0219 | RT31016 | IPR & PATENTS                    | 25       | 46       | 2       |
| 16BQ5A0219 | RT31021 | ELECTRICAL MEASUREMENTS          | 25       | 40       | 3       |
| 16BQ5A0219 | RT31022 | MEFA                             | 28       | 52       | 3       |
| 16BQ5A0219 | RT31023 | POWER SYSTEMS-II                 | 24       | 36       | 3       |
| 16BQ5A0219 | RT31024 | ELECTRICAL MACHINES-III          | 29       | 46       | 3       |
| 16BQ5A0219 | RT31025 | POWER ELECTRONICS                | 30       | 26       | 3       |
| 16BQ5A0219 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 41       | 3       |
| 16BQ5A0219 | RT31027 | ELECTRICAL MACHINES-II LAB       | 23       | 41       | 2       |
| 16BQ5A0219 | RT31028 | CONTROL SYSTEMS LAB              | 24       | 47       | 2       |
| 16BQ5A0220 | RT31016 | IPR & PATENTS                    | 24       | 40       | 2       |
| 16BQ5A0220 | RT31021 | ELECTRICAL MEASUREMENTS          | 25       | 32       | 3       |
| 16BQ5A0220 | RT31022 | MEFA                             | 30       | 28       | 3       |
| 16BQ5A0220 | RT31023 | POWER SYSTEMS-II                 | 23       | 45       | 3       |

| Htno       | Subcode | Subname                          | Internal | External | Credits |
|------------|---------|----------------------------------|----------|----------|---------|
| 16BQ5A0220 | RT31024 | ELECTRICAL MACHINES-III          | 28       | 69       | 3       |
| 16BQ5A0220 | RT31025 | POWER ELECTRONICS                | 26       | 34       | 3       |
| 16BQ5A0220 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 29       | 44       | 3       |
| 16BQ5A0220 | RT31027 | ELECTRICAL MACHINES-II LAB       | 22       | 41       | 2       |
| 16BQ5A0220 | RT31028 | CONTROL SYSTEMS LAB              | 20       | 46       | 2       |
| 16BQ5A0221 | RT31016 | IPR & PATENTS                    | 18       | 30       | 2       |
| 16BQ5A0221 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 16       | 0       |
| 16BQ5A0221 | RT31022 | MEFA                             | 16       | 35       | 3       |
| 16BQ5A0221 | RT31023 | POWER SYSTEMS-II                 | 16       | 26       | 3       |
| 16BQ5A0221 | RT31024 | ELECTRICAL MACHINES-III          | 19       | 3        | 0       |
| 16BQ5A0221 | RT31025 | POWER ELECTRONICS                | 16       | 25       | 3       |
| 16BQ5A0221 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 17       | 6        | 0       |
| 16BQ5A0221 | RT31027 | ELECTRICAL MACHINES-II LAB       | 16       | 18       | 2       |
| 16BQ5A0221 | RT31028 | CONTROL SYSTEMS LAB              | 12       | -1       | 0       |
| 16BQ5A0222 | RT31016 | IPR & PATENTS                    | 16       | 27       | 2       |
| 16BQ5A0222 | RT31021 | ELECTRICAL MEASUREMENTS          | 16       | 24       | 3       |
| 16BQ5A0222 | RT31022 | MEFA                             | 21       | 43       | 3       |
| 16BQ5A0222 | RT31023 | POWER SYSTEMS-II                 | 19       | 14       | 0       |
| 16BQ5A0222 | RT31024 | ELECTRICAL MACHINES-III          | 25       | 36       | 3       |
| 16BQ5A0222 | RT31025 | POWER ELECTRONICS                | 17       | 31       | 3       |
| 16BQ5A0222 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 21       | 18       | 0       |
| 16BQ5A0222 | RT31027 | ELECTRICAL MACHINES-II LAB       | 15       | 26       | 2       |
| 16BQ5A0222 | RT31028 | CONTROL SYSTEMS LAB              | 14       | 39       | 2       |
| 16BQ5A0223 | RT31016 | IPR & PATENTS                    | 19       | 38       | 2       |
| 16BQ5A0223 | RT31021 | ELECTRICAL MEASUREMENTS          | 20       | 32       | 3       |
| 16BQ5A0223 | RT31022 | MEFA                             | 19       | 41       | 3       |
| 16BQ5A0223 | RT31023 | POWER SYSTEMS-II                 | 18       | 32       | 3       |
| 16BQ5A0223 | RT31024 | ELECTRICAL MACHINES-III          | 18       | 30       | 3       |
| 16BQ5A0223 | RT31025 | POWER ELECTRONICS                | 18       | 15       | 0       |
| 16BQ5A0223 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 21       | 24       | 3       |
| 16BQ5A0223 | RT31027 | ELECTRICAL MACHINES-II LAB       | 16       | 18       | 2       |
| 16BQ5A0223 | RT31028 | CONTROL SYSTEMS LAB              | 12       | 6        | 0       |
| 16BQ5A0224 | RT31016 | IPR & PATENTS                    | 25       | 42       | 2       |
| 16BQ5A0224 | RT31021 | ELECTRICAL MEASUREMENTS          | 20       | 40       | 3       |
| 16BQ5A0224 | RT31022 | MEFA                             | 25       | 33       | 3       |
| 16BQ5A0224 | RT31023 | POWER SYSTEMS-II                 | 24       | 43       | 3       |
| 16BQ5A0224 | RT31024 | ELECTRICAL MACHINES-III          | 27       | 54       | 3       |
| 16BQ5A0224 | RT31025 | POWER ELECTRONICS                | 27       | 30       | 3       |
| 16BQ5A0224 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 28       | 32       | 3       |
| 16BQ5A0224 | RT31027 | ELECTRICAL MACHINES-II LAB       | 18       | 44       | 2       |
| 16BQ5A0224 | RT31028 | CONTROL SYSTEMS LAB              | 21       | 46       | 2       |
| 16BQ5A0225 | RT31016 | IPR & PATENTS                    | 30       | 53       | 2       |
| 16BQ5A0225 | RT31021 | ELECTRICAL MEASUREMENTS          | 29       | 59       | 3       |
| 16BQ5A0225 | RT31022 | MEFA                             | 30       | 70       | 3       |
| 16BQ5A0225 | RT31023 | POWER SYSTEMS-II                 | 29       | 65       | 3       |
| 16BQ5A0225 | RT31024 | ELECTRICAL MACHINES-III          | 30       | 70       | 3       |
| 16BQ5A0225 | RT31025 | POWER ELECTRONICS                | 30       | 54       | 3       |
| 16BQ5A0225 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS | 30       | 50       | 3       |
| 16BQ5A0225 | RT31027 | ELECTRICAL MACHINES-II LAB       | 25       | 49       | 2       |
| 16BQ5A0225 | RT31028 | CONTROL SYSTEMS LAB              | 25       | 49       | 2       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 16BQ5A0226 | RT31016 | IPR & PATENTS                     | 30       | 43       | 2       |
| 16BQ5A0226 | RT31021 | ELECTRICAL MEASUREMENTS           | 22       | 44       | 3       |
| 16BQ5A0226 | RT31022 | MEFA                              | 25       | 44       | 3       |
| 16BQ5A0226 | RT31023 | POWER SYSTEMS-II                  | 24       | 0        | 0       |
| 16BQ5A0226 | RT31024 | ELECTRICAL MACHINES-III           | 23       | 62       | 3       |
| 16BQ5A0226 | RT31025 | POWER ELECTRONICS                 | 23       | 28       | 3       |
| 16BQ5A0226 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS  | 26       | 27       | 3       |
| 16BQ5A0226 | RT31027 | ELECTRICAL MACHINES-II LAB        | 22       | 47       | 2       |
| 16BQ5A0226 | RT31028 | CONTROL SYSTEMS LAB               | 22       | 47       | 2       |
| 16BQ5A0227 | RT31016 | IPR & PATENTS                     | 26       | 38       | 2       |
| 16BQ5A0227 | RT31021 | ELECTRICAL MEASUREMENTS           | 27       | 36       | 3       |
| 16BQ5A0227 | RT31022 | MEFA                              | 28       | 52       | 3       |
| 16BQ5A0227 | RT31023 | POWER SYSTEMS-II                  | 25       | 44       | 3       |
| 16BQ5A0227 | RT31024 | ELECTRICAL MACHINES-III           | 25       | 49       | 3       |
| 16BQ5A0227 | RT31025 | POWER ELECTRONICS                 | 26       | 36       | 3       |
| 16BQ5A0227 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS  | 27       | 26       | 3       |
| 16BQ5A0227 | RT31027 | ELECTRICAL MACHINES-II LAB        | 20       | 41       | 2       |
| 16BQ5A0227 | RT31028 | CONTROL SYSTEMS LAB               | 22       | 43       | 2       |
| 16BQ5A0228 | RT31016 | IPR & PATENTS                     | 29       | 41       | 2       |
| 16BQ5A0228 | RT31021 | ELECTRICAL MEASUREMENTS           | 28       | 40       | 3       |
| 16BQ5A0228 | RT31022 | MEFA                              | 28       | 32       | 3       |
| 16BQ5A0228 | RT31023 | POWER SYSTEMS-II                  | 24       | 65       | 3       |
| 16BQ5A0228 | RT31024 | ELECTRICAL MACHINES-III           | 28       | 47       | 3       |
| 16BQ5A0228 | RT31025 | POWER ELECTRONICS                 | 27       | 32       | 3       |
| 16BQ5A0228 | RT31026 | LINEAR & DIGITAL IC APPLICATIONS  | 29       | 54       | 3       |
| 16BQ5A0228 | RT31027 | ELECTRICAL MACHINES-II LAB        | 21       | 46       | 2       |
| 16BQ5A0228 | RT31028 | CONTROL SYSTEMS LAB               | 22       | 46       | 2       |
| 16BQ5A0301 | RT31016 | IPR & PATENTS                     | 26       | 36       | 2       |
| 16BQ5A0301 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 15       | 0       |
| 16BQ5A0301 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 20       | 26       | 3       |
| 16BQ5A0301 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 15       | 0       |
| 16BQ5A0301 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 42       | 3       |
| 16BQ5A0301 | RT31035 | THERMAL ENGINEERING-II            | 20       | 35       | 3       |
| 16BQ5A0301 | RT31036 | METROLOGY                         | 16       | 17       | 0       |
| 16BQ5A0301 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 45       | 2       |
| 16BQ5A0301 | RT31038 | MACHINE TOOLS LAB                 | 22       | 46       | 2       |
| 16BQ5A0302 | RT31016 | IPR & PATENTS                     | 26       | 30       | 2       |
| 16BQ5A0302 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 33       | 3       |
| 16BQ5A0302 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 27       | 31       | 3       |
| 16BQ5A0302 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 26       | 51       | 3       |
| 16BQ5A0302 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 38       | 3       |
| 16BQ5A0302 | RT31035 | THERMAL ENGINEERING-II            | 25       | 31       | 3       |
| 16BQ5A0302 | RT31036 | METROLOGY                         | 26       | 32       | 3       |
| 16BQ5A0302 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 43       | 2       |
| 16BQ5A0302 | RT31038 | MACHINE TOOLS LAB                 | 22       | 46       | 2       |
| 16BQ5A0303 | RT31016 | IPR & PATENTS                     | 29       | 48       | 2       |
| 16BQ5A0303 | RT31031 | DYNAMICS OF MACHINERY             | 23       | 45       | 3       |
| 16BQ5A0303 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 27       | 38       | 3       |
| 16BQ5A0303 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 29       | 45       | 3       |
| 16BQ5A0303 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 55       | 3       |



| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 16BQ5A0303 | RT31035 | THERMAL ENGINEERING-II            | 28       | 49       | 3       |
| 16BQ5A0303 | RT31036 | METROLOGY                         | 27       | 53       | 3       |
| 16BQ5A0303 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 43       | 2       |
| 16BQ5A0303 | RT31038 | MACHINE TOOLS LAB                 | 24       | 46       | 2       |
| 16BQ5A0304 | RT31016 | IPR & PATENTS                     | 30       | 25       | 2       |
| 16BQ5A0304 | RT31031 | DYNAMICS OF MACHINERY             | 20       | 35       | 3       |
| 16BQ5A0304 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 67       | 3       |
| 16BQ5A0304 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 24       | 54       | 3       |
| 16BQ5A0304 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 59       | 3       |
| 16BQ5A0304 | RT31035 | THERMAL ENGINEERING-II            | 25       | 56       | 3       |
| 16BQ5A0304 | RT31036 | METROLOGY                         | 24       | 46       | 3       |
| 16BQ5A0304 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 24       | 48       | 2       |
| 16BQ5A0304 | RT31038 | MACHINE TOOLS LAB                 | 23       | 50       | 2       |
| 16BQ5A0305 | RT31016 | IPR & PATENTS                     | 28       | 30       | 2       |
| 16BQ5A0305 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 26       | 3       |
| 16BQ5A0305 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 36       | 3       |
| 16BQ5A0305 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 22       | 40       | 3       |
| 16BQ5A0305 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 25       | 45       | 3       |
| 16BQ5A0305 | RT31035 | THERMAL ENGINEERING-II            | 23       | 40       | 3       |
| 16BQ5A0305 | RT31036 | METROLOGY                         | 23       | 37       | 3       |
| 16BQ5A0305 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 46       | 2       |
| 16BQ5A0305 | RT31038 | MACHINE TOOLS LAB                 | 21       | 47       | 2       |
| 16BQ5A0306 | RT31016 | IPR & PATENTS                     | 28       | 29       | 2       |
| 16BQ5A0306 | RT31031 | DYNAMICS OF MACHINERY             | 22       | 24       | 3       |
| 16BQ5A0306 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 33       | 3       |
| 16BQ5A0306 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 26       | 40       | 3       |
| 16BQ5A0306 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 43       | 3       |
| 16BQ5A0306 | RT31035 | THERMAL ENGINEERING-II            | 25       | 36       | 3       |
| 16BQ5A0306 | RT31036 | METROLOGY                         | 26       | 40       | 3       |
| 16BQ5A0306 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 47       | 2       |
| 16BQ5A0306 | RT31038 | MACHINE TOOLS LAB                 | 22       | 46       | 2       |
| 16BQ5A0307 | RT31016 | IPR & PATENTS                     | 25       | 44       | 2       |
| 16BQ5A0307 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 32       | 3       |
| 16BQ5A0307 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 37       | 3       |
| 16BQ5A0307 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 29       | 56       | 3       |
| 16BQ5A0307 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 48       | 3       |
| 16BQ5A0307 | RT31035 | THERMAL ENGINEERING-II            | 26       | 47       | 3       |
| 16BQ5A0307 | RT31036 | METROLOGY                         | 23       | 51       | 3       |
| 16BQ5A0307 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 42       | 2       |
| 16BQ5A0307 | RT31038 | MACHINE TOOLS LAB                 | 24       | 50       | 2       |
| 16BQ5A0308 | RT31016 | IPR & PATENTS                     | 25       | 31       | 2       |
| 16BQ5A0308 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 35       | 3       |
| 16BQ5A0308 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 21       | 55       | 3       |
| 16BQ5A0308 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 26       | 32       | 3       |
| 16BQ5A0308 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 25       | 59       | 3       |
| 16BQ5A0308 | RT31035 | THERMAL ENGINEERING-II            | 24       | 56       | 3       |
| 16BQ5A0308 | RT31036 | METROLOGY                         | 28       | 45       | 3       |
| 16BQ5A0308 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 46       | 2       |
| 16BQ5A0308 | RT31038 | MACHINE TOOLS LAB                 | 22       | 45       | 2       |
| 16BQ5A0309 | RT31016 | IPR & PATENTS                     | 27       | 24       | 2       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 16BQ5A0309 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 24       | 3       |
| 16BQ5A0309 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 23       | 31       | 3       |
| 16BQ5A0309 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 27       | 31       | 3       |
| 16BQ5A0309 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 32       | 3       |
| 16BQ5A0309 | RT31035 | THERMAL ENGINEERING-II            | 20       | 42       | 3       |
| 16BQ5A0309 | RT31036 | METROLOGY                         | 25       | 31       | 3       |
| 16BQ5A0309 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 45       | 2       |
| 16BQ5A0309 | RT31038 | MACHINE TOOLS LAB                 | 21       | 42       | 2       |
| 16BQ5A0310 | RT31016 | IPR & PATENTS                     | 26       | 25       | 2       |
| 16BQ5A0310 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 24       | 3       |
| 16BQ5A0310 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 19       | 27       | 3       |
| 16BQ5A0310 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 23       | 26       | 3       |
| 16BQ5A0310 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 22       | 30       | 3       |
| 16BQ5A0310 | RT31035 | THERMAL ENGINEERING-II            | 22       | 28       | 3       |
| 16BQ5A0310 | RT31036 | METROLOGY                         | 22       | 14       | 0       |
| 16BQ5A0310 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 19       | 42       | 2       |
| 16BQ5A0310 | RT31038 | MACHINE TOOLS LAB                 | 20       | 42       | 2       |
| 16BQ5A0311 | RT31016 | IPR & PATENTS                     | 27       | 35       | 2       |
| 16BQ5A0311 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 29       | 3       |
| 16BQ5A0311 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 33       | 3       |
| 16BQ5A0311 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 22       | 27       | 3       |
| 16BQ5A0311 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 23       | 47       | 3       |
| 16BQ5A0311 | RT31035 | THERMAL ENGINEERING-II            | 21       | 38       | 3       |
| 16BQ5A0311 | RT31036 | METROLOGY                         | 20       | 27       | 3       |
| 16BQ5A0311 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 45       | 2       |
| 16BQ5A0311 | RT31038 | MACHINE TOOLS LAB                 | 23       | 43       | 2       |
| 16BQ5A0312 | RT31016 | IPR & PATENTS                     | 27       | 27       | 2       |
| 16BQ5A0312 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 24       | 3       |
| 16BQ5A0312 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 17       | 26       | 3       |
| 16BQ5A0312 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 24       | 34       | 3       |
| 16BQ5A0312 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 22       | 36       | 3       |
| 16BQ5A0312 | RT31035 | THERMAL ENGINEERING-II            | 20       | 50       | 3       |
| 16BQ5A0312 | RT31036 | METROLOGY                         | 20       | 34       | 3       |
| 16BQ5A0312 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 40       | 2       |
| 16BQ5A0312 | RT31038 | MACHINE TOOLS LAB                 | 21       | 40       | 2       |
| 16BQ5A0313 | RT31016 | IPR & PATENTS                     | 27       | 36       | 2       |
| 16BQ5A0313 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 34       | 3       |
| 16BQ5A0313 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 31       | 3       |
| 16BQ5A0313 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 27       | 34       | 3       |
| 16BQ5A0313 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 22       | 44       | 3       |
| 16BQ5A0313 | RT31035 | THERMAL ENGINEERING-II            | 23       | 43       | 3       |
| 16BQ5A0313 | RT31036 | METROLOGY                         | 24       | 29       | 3       |
| 16BQ5A0313 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 46       | 2       |
| 16BQ5A0313 | RT31038 | MACHINE TOOLS LAB                 | 23       | 46       | 2       |
| 16BQ5A0314 | RT31016 | IPR & PATENTS                     | 30       | 42       | 2       |
| 16BQ5A0314 | RT31031 | DYNAMICS OF MACHINERY             | 21       | 38       | 3       |
| 16BQ5A0314 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 28       | 38       | 3       |
| 16BQ5A0314 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 26       | 44       | 3       |
| 16BQ5A0314 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 48       | 3       |
| 16BQ5A0314 | RT31035 | THERMAL ENGINEERING-II            | 28       | 54       | 3       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 16BQ5A0314 | RT31036 | METROLOGY                         | 29       | 47       | 3       |
| 16BQ5A0314 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 24       | 48       | 2       |
| 16BQ5A0314 | RT31038 | MACHINE TOOLS LAB                 | 24       | 48       | 2       |
| 16BQ5A0315 | RT31016 | IPR & PATENTS                     | 25       | 35       | 2       |
| 16BQ5A0315 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 24       | 3       |
| 16BQ5A0315 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 24       | 26       | 3       |
| 16BQ5A0315 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 22       | 33       | 3       |
| 16BQ5A0315 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 35       | 3       |
| 16BQ5A0315 | RT31035 | THERMAL ENGINEERING-II            | 22       | 38       | 3       |
| 16BQ5A0315 | RT31036 | METROLOGY                         | 21       | 35       | 3       |
| 16BQ5A0315 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 44       | 2       |
| 16BQ5A0315 | RT31038 | MACHINE TOOLS LAB                 | 23       | 45       | 2       |
| 16BQ5A0316 | RT31016 | IPR & PATENTS                     | 28       | 31       | 2       |
| 16BQ5A0316 | RT31031 | DYNAMICS OF MACHINERY             | 21       | 16       | 0       |
| 16BQ5A0316 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 28       | 37       | 3       |
| 16BQ5A0316 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 20       | 33       | 3       |
| 16BQ5A0316 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 24       | 39       | 3       |
| 16BQ5A0316 | RT31035 | THERMAL ENGINEERING-II            | 21       | 39       | 3       |
| 16BQ5A0316 | RT31036 | METROLOGY                         | 27       | 35       | 3       |
| 16BQ5A0316 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 42       | 2       |
| 16BQ5A0316 | RT31038 | MACHINE TOOLS LAB                 | 22       | 45       | 2       |
| 16BQ5A0317 | RT31016 | IPR & PATENTS                     | 25       | 34       | 2       |
| 16BQ5A0317 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 10       | 0       |
| 16BQ5A0317 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 27       | 3       |
| 16BQ5A0317 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 25       | 3       |
| 16BQ5A0317 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 23       | 36       | 3       |
| 16BQ5A0317 | RT31035 | THERMAL ENGINEERING-II            | 20       | 29       | 3       |
| 16BQ5A0317 | RT31036 | METROLOGY                         | 22       | 36       | 3       |
| 16BQ5A0317 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 22       | 44       | 2       |
| 16BQ5A0317 | RT31038 | MACHINE TOOLS LAB                 | 20       | 45       | 2       |
| 16BQ5A0318 | RT31016 | IPR & PATENTS                     | 25       | 29       | 2       |
| 16BQ5A0318 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 33       | 3       |
| 16BQ5A0318 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 26       | 39       | 3       |
| 16BQ5A0318 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 42       | 3       |
| 16BQ5A0318 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 24       | 41       | 3       |
| 16BQ5A0318 | RT31035 | THERMAL ENGINEERING-II            | 25       | 37       | 3       |
| 16BQ5A0318 | RT31036 | METROLOGY                         | 28       | 35       | 3       |
| 16BQ5A0318 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 23       | 46       | 2       |
| 16BQ5A0318 | RT31038 | MACHINE TOOLS LAB                 | 23       | 46       | 2       |
| 16BQ5A0319 | RT31016 | IPR & PATENTS                     | 29       | 50       | 2       |
| 16BQ5A0319 | RT31031 | DYNAMICS OF MACHINERY             | 26       | 39       | 3       |
| 16BQ5A0319 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 29       | 40       | 3       |
| 16BQ5A0319 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 30       | 57       | 3       |
| 16BQ5A0319 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 55       | 3       |
| 16BQ5A0319 | RT31035 | THERMAL ENGINEERING-II            | 29       | 67       | 3       |
| 16BQ5A0319 | RT31036 | METROLOGY                         | 30       | 56       | 3       |
| 16BQ5A0319 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 24       | 48       | 2       |
| 16BQ5A0319 | RT31038 | MACHINE TOOLS LAB                 | 25       | 48       | 2       |
| 16BQ5A0320 | RT31016 | IPR & PATENTS                     | 17       | 25       | 2       |
| 16BQ5A0320 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 11       | 0       |

| Htno       | Subcode | Subname                           | Internal | External | Credits |
|------------|---------|-----------------------------------|----------|----------|---------|
| 16BQ5A0320 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 18       | 13       | 0       |
| 16BQ5A0320 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 0        | 0       |
| 16BQ5A0320 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 17       | 17       | 0       |
| 16BQ5A0320 | RT31035 | THERMAL ENGINEERING-II            | 16       | 25       | 3       |
| 16BQ5A0320 | RT31036 | METROLOGY                         | 17       | 28       | 3       |
| 16BQ5A0320 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 16       | 32       | 2       |
| 16BQ5A0320 | RT31038 | MACHINE TOOLS LAB                 | 16       | 30       | 2       |
| 16BQ5A0321 | RT31016 | IPR & PATENTS                     | 29       | 36       | 2       |
| 16BQ5A0321 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 37       | 3       |
| 16BQ5A0321 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 28       | 38       | 3       |
| 16BQ5A0321 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 40       | 3       |
| 16BQ5A0321 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 27       | 45       | 3       |
| 16BQ5A0321 | RT31035 | THERMAL ENGINEERING-II            | 23       | 44       | 3       |
| 16BQ5A0321 | RT31036 | METROLOGY                         | 30       | 42       | 3       |
| 16BQ5A0321 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 24       | 48       | 2       |
| 16BQ5A0321 | RT31038 | MACHINE TOOLS LAB                 | 24       | 45       | 2       |
| 16BQ5A0322 | RT31016 | IPR & PATENTS                     | 26       | 36       | 2       |
| 16BQ5A0322 | RT31031 | DYNAMICS OF MACHINERY             | 16       | 36       | 3       |
| 16BQ5A0322 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 24       | 32       | 3       |
| 16BQ5A0322 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 16       | 27       | 3       |
| 16BQ5A0322 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 24       | 33       | 3       |
| 16BQ5A0322 | RT31035 | THERMAL ENGINEERING-II            | 19       | 41       | 3       |
| 16BQ5A0322 | RT31036 | METROLOGY                         | 22       | 26       | 3       |
| 16BQ5A0322 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 20       | 40       | 2       |
| 16BQ5A0322 | RT31038 | MACHINE TOOLS LAB                 | 20       | 42       | 2       |
| 16BQ5A0323 | RT31016 | IPR & PATENTS                     | 26       | 38       | 2       |
| 16BQ5A0323 | RT31031 | DYNAMICS OF MACHINERY             | 18       | 14       | 0       |
| 16BQ5A0323 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 24       | 30       | 3       |
| 16BQ5A0323 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 25       | 52       | 3       |
| 16BQ5A0323 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 26       | 45       | 3       |
| 16BQ5A0323 | RT31035 | THERMAL ENGINEERING-II            | 24       | 40       | 3       |
| 16BQ5A0323 | RT31036 | METROLOGY                         | 25       | 43       | 3       |
| 16BQ5A0323 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 21       | 42       | 2       |
| 16BQ5A0323 | RT31038 | MACHINE TOOLS LAB                 | 20       | 41       | 2       |
| 16BQ5A0324 | RT31016 | IPR & PATENTS                     | 30       | 28       | 2       |
| 16BQ5A0324 | RT31031 | DYNAMICS OF MACHINERY             | 22       | 36       | 3       |
| 16BQ5A0324 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 29       | 70       | 3       |
| 16BQ5A0324 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 29       | 44       | 3       |
| 16BQ5A0324 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 28       | 62       | 3       |
| 16BQ5A0324 | RT31035 | THERMAL ENGINEERING-II            | 28       | 53       | 3       |
| 16BQ5A0324 | RT31036 | METROLOGY                         | 27       | 50       | 3       |
| 16BQ5A0324 | RT31037 | METROLOGY & INSTRUMENTATION LAB   | 24       | 48       | 2       |
| 16BQ5A0324 | RT31038 | MACHINE TOOLS LAB                 | 24       | 45       | 2       |
| 16BQ5A0325 | RT31016 | IPR & PATENTS                     | 28       | 31       | 2       |
| 16BQ5A0325 | RT31031 | DYNAMICS OF MACHINERY             | 19       | 24       | 3       |
| 16BQ5A0325 | RT31032 | METAL CUTTING & MACHINE TOOLS     | 25       | 30       | 3       |
| 16BQ5A0325 | RT31033 | DESIGN OF MACHINE MEMBERS-I       | 27       | 39       | 3       |
| 16BQ5A0325 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS | 29       | 40       | 3       |
| 16BQ5A0325 | RT31035 | THERMAL ENGINEERING-II            | 25       | 36       | 3       |
| 16BQ5A0325 | RT31036 | METROLOGY                         | 29       | 43       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 16BQ5A0325 | RT31037 | METROLOGY & INSTRUMENTATION LAB        | 23       | 46       | 2       |
| 16BQ5A0325 | RT31038 | MACHINE TOOLS LAB                      | 24       | 45       | 2       |
| 16BQ5A0326 | RT31016 | IPR & PATENTS                          | 29       | 38       | 2       |
| 16BQ5A0326 | RT31031 | DYNAMICS OF MACHINERY                  | 17       | 35       | 3       |
| 16BQ5A0326 | RT31032 | METAL CUTTING & MACHINE TOOLS          | 26       | 39       | 3       |
| 16BQ5A0326 | RT31033 | DESIGN OF MACHINE MEMBERS-I            | 22       | 39       | 3       |
| 16BQ5A0326 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS      | 28       | 32       | 3       |
| 16BQ5A0326 | RT31035 | THERMAL ENGINEERING-II                 | 23       | 35       | 3       |
| 16BQ5A0326 | RT31036 | METROLOGY                              | 25       | 35       | 3       |
| 16BQ5A0326 | RT31037 | METROLOGY & INSTRUMENTATION LAB        | 21       | 42       | 2       |
| 16BQ5A0326 | RT31038 | MACHINE TOOLS LAB                      | 23       | 45       | 2       |
| 16BQ5A0327 | RT31016 | IPR & PATENTS                          | 24       | 45       | 2       |
| 16BQ5A0327 | RT31031 | DYNAMICS OF MACHINERY                  | 16       | 24       | 3       |
| 16BQ5A0327 | RT31032 | METAL CUTTING & MACHINE TOOLS          | 24       | 38       | 3       |
| 16BQ5A0327 | RT31033 | DESIGN OF MACHINE MEMBERS-I            | 18       | 41       | 3       |
| 16BQ5A0327 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS      | 21       | 36       | 3       |
| 16BQ5A0327 | RT31035 | THERMAL ENGINEERING-II                 | 19       | 31       | 3       |
| 16BQ5A0327 | RT31036 | METROLOGY                              | 21       | 43       | 3       |
| 16BQ5A0327 | RT31037 | METROLOGY & INSTRUMENTATION LAB        | 21       | 42       | 2       |
| 16BQ5A0327 | RT31038 | MACHINE TOOLS LAB                      | 22       | 42       | 2       |
| 16BQ5A0328 | RT31016 | IPR & PATENTS                          | 28       | 28       | 2       |
| 16BQ5A0328 | RT31031 | DYNAMICS OF MACHINERY                  | 28       | 30       | 3       |
| 16BQ5A0328 | RT31032 | METAL CUTTING & MACHINE TOOLS          | 27       | 51       | 3       |
| 16BQ5A0328 | RT31033 | DESIGN OF MACHINE MEMBERS-I            | 27       | 38       | 3       |
| 16BQ5A0328 | RT31034 | INSTRUMENTATION & CONTROL SYSTEMS      | 26       | 49       | 3       |
| 16BQ5A0328 | RT31035 | THERMAL ENGINEERING-II                 | 23       | 61       | 3       |
| 16BQ5A0328 | RT31036 | METROLOGY                              | 28       | 45       | 3       |
| 16BQ5A0328 | RT31037 | METROLOGY & INSTRUMENTATION LAB        | 23       | 46       | 2       |
| 16BQ5A0328 | RT31038 | MACHINE TOOLS LAB                      | 23       | 46       | 2       |
| 16BQ5A0401 | RT31016 | IPR & PATENTS                          | 28       | 35       | 2       |
| 16BQ5A0401 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 47       | 3       |
| 16BQ5A0401 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 21       | 70       | 3       |
| 16BQ5A0401 | RT31043 | CONTROL SYSTEMS                        | 27       | 48       | 3       |
| 16BQ5A0401 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 52       | 3       |
| 16BQ5A0401 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 28       | 3       |
| 16BQ5A0401 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 48       | 2       |
| 16BQ5A0401 | RT31048 | LICA LAB                               | 24       | 48       | 2       |
| 16BQ5A0401 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 40       | 2       |
| 16BQ5A0402 | RT31016 | IPR & PATENTS                          | 28       | 28       | 2       |
| 16BQ5A0402 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 48       | 3       |
| 16BQ5A0402 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 48       | 3       |
| 16BQ5A0402 | RT31043 | CONTROL SYSTEMS                        | 25       | 31       | 3       |
| 16BQ5A0402 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 6        | 0       |
| 16BQ5A0402 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 24       | 3       |
| 16BQ5A0402 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 44       | 2       |
| 16BQ5A0402 | RT31048 | LICA LAB                               | 19       | 40       | 2       |
| 16BQ5A0402 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 47       | 2       |
| 16BQ5A0403 | RT31016 | IPR & PATENTS                          | 28       | 39       | 2       |
| 16BQ5A0403 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 51       | 3       |
| 16BQ5A0403 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 48       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 16BQ5A0403 | RT31043 | CONTROL SYSTEMS                        | 28       | 34       | 3       |
| 16BQ5A0403 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 40       | 3       |
| 16BQ5A0403 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 49       | 3       |
| 16BQ5A0403 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 42       | 2       |
| 16BQ5A0403 | RT31048 | LICA LAB                               | 22       | 45       | 2       |
| 16BQ5A0403 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 46       | 2       |
| 16BQ5A0404 | RT31016 | IPR & PATENTS                          | 24       | 41       | 2       |
| 16BQ5A0404 | RT31041 | PULSE & DIGITAL CIRCUITS               | 22       | 24       | 3       |
| 16BQ5A0404 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 20       | 26       | 3       |
| 16BQ5A0404 | RT31043 | CONTROL SYSTEMS                        | 24       | 49       | 3       |
| 16BQ5A0404 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 27       | 3       |
| 16BQ5A0404 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 35       | 3       |
| 16BQ5A0404 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 40       | 2       |
| 16BQ5A0404 | RT31048 | LICA LAB                               | 21       | 46       | 2       |
| 16BQ5A0404 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 45       | 2       |
| 16BQ5A0405 | RT31016 | IPR & PATENTS                          | 26       | 35       | 2       |
| 16BQ5A0405 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 38       | 3       |
| 16BQ5A0405 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 56       | 3       |
| 16BQ5A0405 | RT31043 | CONTROL SYSTEMS                        | 24       | 34       | 3       |
| 16BQ5A0405 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 31       | 3       |
| 16BQ5A0405 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 24       | 3       |
| 16BQ5A0405 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 43       | 2       |
| 16BQ5A0405 | RT31048 | LICA LAB                               | 24       | 47       | 2       |
| 16BQ5A0405 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 46       | 2       |
| 16BQ5A0406 | RT31016 | IPR & PATENTS                          | 24       | 24       | 2       |
| 16BQ5A0406 | RT31041 | PULSE & DIGITAL CIRCUITS               | 23       | 29       | 3       |
| 16BQ5A0406 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 18       | 44       | 3       |
| 16BQ5A0406 | RT31043 | CONTROL SYSTEMS                        | 22       | 32       | 3       |
| 16BQ5A0406 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 39       | 3       |
| 16BQ5A0406 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 24       | 28       | 3       |
| 16BQ5A0406 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 41       | 2       |
| 16BQ5A0406 | RT31048 | LICA LAB                               | 17       | 38       | 2       |
| 16BQ5A0406 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 44       | 2       |
| 16BQ5A0407 | RT31016 | IPR & PATENTS                          | 27       | 37       | 2       |
| 16BQ5A0407 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 35       | 3       |
| 16BQ5A0407 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 48       | 3       |
| 16BQ5A0407 | RT31043 | CONTROL SYSTEMS                        | 27       | 43       | 3       |
| 16BQ5A0407 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 26       | 3       |
| 16BQ5A0407 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 37       | 3       |
| 16BQ5A0407 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 40       | 2       |
| 16BQ5A0407 | RT31048 | LICA LAB                               | 24       | 46       | 2       |
| 16BQ5A0407 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 46       | 2       |
| 16BQ5A0408 | RT31016 | IPR & PATENTS                          | 25       | 28       | 2       |
| 16BQ5A0408 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 24       | 3       |
| 16BQ5A0408 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 46       | 3       |
| 16BQ5A0408 | RT31043 | CONTROL SYSTEMS                        | 27       | 40       | 3       |
| 16BQ5A0408 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 30       | 3       |
| 16BQ5A0408 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 34       | 3       |
| 16BQ5A0408 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 47       | 2       |
| 16BQ5A0408 | RT31048 | LICA LAB                               | 21       | 40       | 2       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 16BQ5A0408 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 48       | 2       |
| 16BQ5A0409 | RT31016 | IPR & PATENTS                          | 30       | 36       | 2       |
| 16BQ5A0409 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 41       | 3       |
| 16BQ5A0409 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 53       | 3       |
| 16BQ5A0409 | RT31043 | CONTROL SYSTEMS                        | 28       | 37       | 3       |
| 16BQ5A0409 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 38       | 3       |
| 16BQ5A0409 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 35       | 3       |
| 16BQ5A0409 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 48       | 2       |
| 16BQ5A0409 | RT31048 | LICA LAB                               | 25       | 49       | 2       |
| 16BQ5A0409 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 49       | 2       |
| 16BQ5A0410 | RT31016 | IPR & PATENTS                          | 28       | 29       | 2       |
| 16BQ5A0410 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 60       | 3       |
| 16BQ5A0410 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 56       | 3       |
| 16BQ5A0410 | RT31043 | CONTROL SYSTEMS                        | 28       | 42       | 3       |
| 16BQ5A0410 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 60       | 3       |
| 16BQ5A0410 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 40       | 3       |
| 16BQ5A0410 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 47       | 2       |
| 16BQ5A0410 | RT31048 | LICA LAB                               | 25       | 49       | 2       |
| 16BQ5A0410 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 47       | 2       |
| 16BQ5A0411 | RT31016 | IPR & PATENTS                          | 25       | 25       | 2       |
| 16BQ5A0411 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 42       | 3       |
| 16BQ5A0411 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 34       | 3       |
| 16BQ5A0411 | RT31043 | CONTROL SYSTEMS                        | 23       | 42       | 3       |
| 16BQ5A0411 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 24       | 3       |
| 16BQ5A0411 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 24       | 3       |
| 16BQ5A0411 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 19       | 41       | 2       |
| 16BQ5A0411 | RT31048 | LICA LAB                               | 23       | 42       | 2       |
| 16BQ5A0411 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 46       | 2       |
| 16BQ5A0412 | RT31016 | IPR & PATENTS                          | 21       | 28       | 2       |
| 16BQ5A0412 | RT31041 | PULSE & DIGITAL CIRCUITS               | 21       | 17       | 0       |
| 16BQ5A0412 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 16       | 27       | 3       |
| 16BQ5A0412 | RT31043 | CONTROL SYSTEMS                        | 18       | 12       | 0       |
| 16BQ5A0412 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 22       | 4        | 0       |
| 16BQ5A0412 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 18       | 15       | 0       |
| 16BQ5A0412 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 19       | 37       | 2       |
| 16BQ5A0412 | RT31048 | LICA LAB                               | 17       | 35       | 2       |
| 16BQ5A0412 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 18       | 27       | 2       |
| 16BQ5A0413 | RT31016 | IPR & PATENTS                          | 28       | 38       | 2       |
| 16BQ5A0413 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 48       | 3       |
| 16BQ5A0413 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 35       | 3       |
| 16BQ5A0413 | RT31043 | CONTROL SYSTEMS                        | 25       | 36       | 3       |
| 16BQ5A0413 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 48       | 3       |
| 16BQ5A0413 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 38       | 3       |
| 16BQ5A0413 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 16BQ5A0413 | RT31048 | LICA LAB                               | 23       | 43       | 2       |
| 16BQ5A0413 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 46       | 2       |
| 16BQ5A0414 | RT31016 | IPR & PATENTS                          | 24       | 26       | 2       |
| 16BQ5A0414 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 30       | 3       |
| 16BQ5A0414 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 46       | 3       |
| 16BQ5A0414 | RT31043 | CONTROL SYSTEMS                        | 27       | 24       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 16BQ5A0414 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 50       | 3       |
| 16BQ5A0414 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 28       | 3       |
| 16BQ5A0414 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 47       | 2       |
| 16BQ5A0414 | RT31048 | LICA LAB                               | 22       | 45       | 2       |
| 16BQ5A0414 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 43       | 2       |
| 16BQ5A0415 | RT31016 | IPR & PATENTS                          | 26       | 37       | 2       |
| 16BQ5A0415 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 54       | 3       |
| 16BQ5A0415 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 38       | 3       |
| 16BQ5A0415 | RT31043 | CONTROL SYSTEMS                        | 28       | 60       | 3       |
| 16BQ5A0415 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 40       | 3       |
| 16BQ5A0415 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 46       | 3       |
| 16BQ5A0415 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 32       | 2       |
| 16BQ5A0415 | RT31048 | LICA LAB                               | 22       | 45       | 2       |
| 16BQ5A0415 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 47       | 2       |
| 16BQ5A0416 | RT31016 | IPR & PATENTS                          | 27       | 40       | 2       |
| 16BQ5A0416 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 38       | 3       |
| 16BQ5A0416 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 45       | 3       |
| 16BQ5A0416 | RT31043 | CONTROL SYSTEMS                        | 28       | 50       | 3       |
| 16BQ5A0416 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 34       | 3       |
| 16BQ5A0416 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 39       | 3       |
| 16BQ5A0416 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 48       | 2       |
| 16BQ5A0416 | RT31048 | LICA LAB                               | 22       | 43       | 2       |
| 16BQ5A0416 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 48       | 2       |
| 16BQ5A0417 | RT31016 | IPR & PATENTS                          | 27       | 38       | 2       |
| 16BQ5A0417 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 56       | 3       |
| 16BQ5A0417 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 47       | 3       |
| 16BQ5A0417 | RT31043 | CONTROL SYSTEMS                        | 29       | 37       | 3       |
| 16BQ5A0417 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 63       | 3       |
| 16BQ5A0417 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 49       | 3       |
| 16BQ5A0417 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 48       | 2       |
| 16BQ5A0417 | RT31048 | LICA LAB                               | 25       | 50       | 2       |
| 16BQ5A0417 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 48       | 2       |
| 16BQ5A0418 | RT31016 | IPR & PATENTS                          | 30       | 44       | 2       |
| 16BQ5A0418 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 70       | 3       |
| 16BQ5A0418 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 59       | 3       |
| 16BQ5A0418 | RT31043 | CONTROL SYSTEMS                        | 28       | 40       | 3       |
| 16BQ5A0418 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 55       | 3       |
| 16BQ5A0418 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 32       | 3       |
| 16BQ5A0418 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 49       | 2       |
| 16BQ5A0418 | RT31048 | LICA LAB                               | 25       | 49       | 2       |
| 16BQ5A0418 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 48       | 2       |
| 16BQ5A0419 | RT31016 | IPR & PATENTS                          | 26       | 29       | 2       |
| 16BQ5A0419 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 37       | 3       |
| 16BQ5A0419 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 34       | 3       |
| 16BQ5A0419 | RT31043 | CONTROL SYSTEMS                        | 23       | 35       | 3       |
| 16BQ5A0419 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 26       | 3       |
| 16BQ5A0419 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 31       | 3       |
| 16BQ5A0419 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 42       | 2       |
| 16BQ5A0419 | RT31048 | LICA LAB                               | 21       | 43       | 2       |
| 16BQ5A0419 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 47       | 2       |



| Htno       | Subcode | Subname                                | Internal | External | Credits |
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| 16BQ5A0420 | RT31016 | IPR & PATENTS                          | 23       | 43       | 2       |
| 16BQ5A0420 | RT31041 | PULSE & DIGITAL CIRCUITS               | 23       | 42       | 3       |
| 16BQ5A0420 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 42       | 3       |
| 16BQ5A0420 | RT31043 | CONTROL SYSTEMS                        | 26       | 26       | 3       |
| 16BQ5A0420 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 29       | 3       |
| 16BQ5A0420 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 22       | 37       | 3       |
| 16BQ5A0420 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 40       | 2       |
| 16BQ5A0420 | RT31048 | LICA LAB                               | 22       | 43       | 2       |
| 16BQ5A0420 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 45       | 2       |
| 16BQ5A0421 | RT31016 | IPR & PATENTS                          | 27       | 54       | 2       |
| 16BQ5A0421 | RT31041 | PULSE & DIGITAL CIRCUITS               | 26       | 49       | 3       |
| 16BQ5A0421 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 39       | 3       |
| 16BQ5A0421 | RT31043 | CONTROL SYSTEMS                        | 28       | 46       | 3       |
| 16BQ5A0421 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 48       | 3       |
| 16BQ5A0421 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 42       | 3       |
| 16BQ5A0421 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 42       | 2       |
| 16BQ5A0421 | RT31048 | LICA LAB                               | 21       | 44       | 2       |
| 16BQ5A0421 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 44       | 2       |
| 16BQ5A0422 | RT31016 | IPR & PATENTS                          | 24       | 33       | 2       |
| 16BQ5A0422 | RT31041 | PULSE & DIGITAL CIRCUITS               | 30       | 52       | 3       |
| 16BQ5A0422 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 39       | 3       |
| 16BQ5A0422 | RT31043 | CONTROL SYSTEMS                        | 27       | 30       | 3       |
| 16BQ5A0422 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 50       | 3       |
| 16BQ5A0422 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 30       | 3       |
| 16BQ5A0422 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 46       | 2       |
| 16BQ5A0422 | RT31048 | LICA LAB                               | 23       | 45       | 2       |
| 16BQ5A0422 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 16BQ5A0423 | RT31016 | IPR & PATENTS                          | 25       | 31       | 2       |
| 16BQ5A0423 | RT31041 | PULSE & DIGITAL CIRCUITS               | 25       | 36       | 3       |
| 16BQ5A0423 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 38       | 3       |
| 16BQ5A0423 | RT31043 | CONTROL SYSTEMS                        | 23       | 26       | 3       |
| 16BQ5A0423 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 28       | 32       | 3       |
| 16BQ5A0423 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 37       | 3       |
| 16BQ5A0423 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 40       | 2       |
| 16BQ5A0423 | RT31048 | LICA LAB                               | 23       | 45       | 2       |
| 16BQ5A0423 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 41       | 2       |
| 16BQ5A0424 | RT31016 | IPR & PATENTS                          | 16       | 35       | 2       |
| 16BQ5A0424 | RT31041 | PULSE & DIGITAL CIRCUITS               | 20       | 24       | 3       |
| 16BQ5A0424 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 18       | 30       | 3       |
| 16BQ5A0424 | RT31043 | CONTROL SYSTEMS                        | 24       | 48       | 3       |
| 16BQ5A0424 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 24       | 3       |
| 16BQ5A0424 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 25       | 38       | 3       |
| 16BQ5A0424 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 36       | 2       |
| 16BQ5A0424 | RT31048 | LICA LAB                               | 20       | 38       | 2       |
| 16BQ5A0424 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 24       | 38       | 2       |
| 16BQ5A0425 | RT31016 | IPR & PATENTS                          | 28       | 47       | 2       |
| 16BQ5A0425 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 40       | 3       |
| 16BQ5A0425 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 34       | 3       |
| 16BQ5A0425 | RT31043 | CONTROL SYSTEMS                        | 26       | 31       | 3       |
| 16BQ5A0425 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 30       | 30       | 3       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
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| 16BQ5A0425 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 30       | 36       | 3       |
| 16BQ5A0425 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 47       | 2       |
| 16BQ5A0425 | RT31048 | LICA LAB                               | 24       | 47       | 2       |
| 16BQ5A0425 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 47       | 2       |
| 16BQ5A0426 | RT31016 | IPR & PATENTS                          | 24       | 35       | 2       |
| 16BQ5A0426 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 30       | 3       |
| 16BQ5A0426 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 21       | 35       | 3       |
| 16BQ5A0426 | RT31043 | CONTROL SYSTEMS                        | 21       | 26       | 3       |
| 16BQ5A0426 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 37       | 3       |
| 16BQ5A0426 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 21       | 25       | 3       |
| 16BQ5A0426 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 46       | 2       |
| 16BQ5A0426 | RT31048 | LICA LAB                               | 23       | 43       | 2       |
| 16BQ5A0426 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 40       | 2       |
| 16BQ5A0427 | RT31016 | IPR & PATENTS                          | 25       | 42       | 2       |
| 16BQ5A0427 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 33       | 3       |
| 16BQ5A0427 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 45       | 3       |
| 16BQ5A0427 | RT31043 | CONTROL SYSTEMS                        | 17       | 54       | 3       |
| 16BQ5A0427 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 34       | 3       |
| 16BQ5A0427 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 20       | 31       | 3       |
| 16BQ5A0427 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 45       | 2       |
| 16BQ5A0427 | RT31048 | LICA LAB                               | 22       | 43       | 2       |
| 16BQ5A0427 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 45       | 2       |
| 16BQ5A0428 | RT31016 | IPR & PATENTS                          | 24       | 24       | 2       |
| 16BQ5A0428 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 34       | 3       |
| 16BQ5A0428 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 44       | 3       |
| 16BQ5A0428 | RT31043 | CONTROL SYSTEMS                        | 20       | 42       | 3       |
| 16BQ5A0428 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 12       | 0       |
| 16BQ5A0428 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 32       | 3       |
| 16BQ5A0428 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 46       | 2       |
| 16BQ5A0428 | RT31048 | LICA LAB                               | 20       | 46       | 2       |
| 16BQ5A0428 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 22       | 47       | 2       |
| 16BQ5A0429 | RT31016 | IPR & PATENTS                          | 24       | 38       | 2       |
| 16BQ5A0429 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 42       | 3       |
| 16BQ5A0429 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 26       | 42       | 3       |
| 16BQ5A0429 | RT31043 | CONTROL SYSTEMS                        | 21       | 37       | 3       |
| 16BQ5A0429 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 33       | 3       |
| 16BQ5A0429 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 37       | 3       |
| 16BQ5A0429 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 47       | 2       |
| 16BQ5A0429 | RT31048 | LICA LAB                               | 21       | 47       | 2       |
| 16BQ5A0429 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 21       | 45       | 2       |
| 16BQ5A0430 | RT31016 | IPR & PATENTS                          | 23       | 42       | 2       |
| 16BQ5A0430 | RT31041 | PULSE & DIGITAL CIRCUITS               | 29       | 48       | 3       |
| 16BQ5A0430 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 28       | 40       | 3       |
| 16BQ5A0430 | RT31043 | CONTROL SYSTEMS                        | 25       | 62       | 3       |
| 16BQ5A0430 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 27       | 15       | 0       |
| 16BQ5A0430 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 35       | 3       |
| 16BQ5A0430 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 24       | 50       | 2       |
| 16BQ5A0430 | RT31048 | LICA LAB                               | 25       | 50       | 2       |
| 16BQ5A0430 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 25       | 49       | 2       |
| 16BQ5A0431 | RT31016 | IPR & PATENTS                          | 24       | 29       | 2       |

| Htno       | Subcode | Subname                                | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 16BQ5A0431 | RT31041 | PULSE & DIGITAL CIRCUITS               | 25       | 36       | 3       |
| 16BQ5A0431 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 24       | 42       | 3       |
| 16BQ5A0431 | RT31043 | CONTROL SYSTEMS                        | 21       | 50       | 3       |
| 16BQ5A0431 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 25       | 29       | 3       |
| 16BQ5A0431 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 33       | 3       |
| 16BQ5A0431 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 22       | 46       | 2       |
| 16BQ5A0431 | RT31048 | LICA LAB                               | 23       | 48       | 2       |
| 16BQ5A0431 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 16BQ5A0432 | RT31016 | IPR & PATENTS                          | 25       | 24       | 2       |
| 16BQ5A0432 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 34       | 3       |
| 16BQ5A0432 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 27       | 40       | 3       |
| 16BQ5A0432 | RT31043 | CONTROL SYSTEMS                        | 22       | 48       | 3       |
| 16BQ5A0432 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 18       | 0       |
| 16BQ5A0432 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 10       | 0       |
| 16BQ5A0432 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 46       | 2       |
| 16BQ5A0432 | RT31048 | LICA LAB                               | 21       | 45       | 2       |
| 16BQ5A0432 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 16BQ5A0433 | RT31016 | IPR & PATENTS                          | 21       | 46       | 2       |
| 16BQ5A0433 | RT31041 | PULSE & DIGITAL CIRCUITS               | 25       | 32       | 3       |
| 16BQ5A0433 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 23       | 58       | 3       |
| 16BQ5A0433 | RT31043 | CONTROL SYSTEMS                        | 19       | 24       | 3       |
| 16BQ5A0433 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 26       | 28       | 3       |
| 16BQ5A0433 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 27       | 24       | 3       |
| 16BQ5A0433 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 21       | 42       | 2       |
| 16BQ5A0433 | RT31048 | LICA LAB                               | 22       | 44       | 2       |
| 16BQ5A0433 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 16BQ5A0434 | RT31016 | IPR & PATENTS                          | 24       | 34       | 2       |
| 16BQ5A0434 | RT31041 | PULSE & DIGITAL CIRCUITS               | 24       | 36       | 3       |
| 16BQ5A0434 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 25       | 42       | 3       |
| 16BQ5A0434 | RT31043 | CONTROL SYSTEMS                        | 22       | 24       | 3       |
| 16BQ5A0434 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 24       | 8        | 0       |
| 16BQ5A0434 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 26       | 28       | 3       |
| 16BQ5A0434 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 20       | 46       | 2       |
| 16BQ5A0434 | RT31048 | LICA LAB                               | 22       | 45       | 2       |
| 16BQ5A0434 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 42       | 2       |
| 16BQ5A0435 | RT31016 | IPR & PATENTS                          | 24       | 28       | 2       |
| 16BQ5A0435 | RT31041 | PULSE & DIGITAL CIRCUITS               | 27       | 30       | 3       |
| 16BQ5A0435 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 30       | 47       | 3       |
| 16BQ5A0435 | RT31043 | CONTROL SYSTEMS                        | 19       | 48       | 3       |
| 16BQ5A0435 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 32       | 3       |
| 16BQ5A0435 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 29       | 36       | 3       |
| 16BQ5A0435 | RT31047 | PULSE & DIGITAL CIRCUITS LAB           | 23       | 47       | 2       |
| 16BQ5A0435 | RT31048 | LICA LAB                               | 23       | 47       | 2       |
| 16BQ5A0435 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB       | 23       | 47       | 2       |
| 16BQ5A0436 | RT31016 | IPR & PATENTS                          | 25       | 42       | 2       |
| 16BQ5A0436 | RT31041 | PULSE & DIGITAL CIRCUITS               | 28       | 43       | 3       |
| 16BQ5A0436 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS | 29       | 45       | 3       |
| 16BQ5A0436 | RT31043 | CONTROL SYSTEMS                        | 24       | 53       | 3       |
| 16BQ5A0436 | RT31044 | DIGITAL SYSTEM DESIGN & DICA           | 29       | 40       | 3       |
| 16BQ5A0436 | RT31045 | ANTENNAS AND WAVE PROPAGATION          | 28       | 28       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
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| 16BQ5A0436 | RT31047 | PULSE & DIGITAL CIRCUITS LAB             | 24       | 47       | 2       |
| 16BQ5A0436 | RT31048 | LICA LAB                                 | 22       | 48       | 2       |
| 16BQ5A0436 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB         | 22       | 46       | 2       |
| 16BQ5A0437 | RT31016 | IPR & PATENTS                            | 23       | 35       | 2       |
| 16BQ5A0437 | RT31041 | PULSE & DIGITAL CIRCUITS                 | 23       | 32       | 3       |
| 16BQ5A0437 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS   | 26       | 34       | 3       |
| 16BQ5A0437 | RT31043 | CONTROL SYSTEMS                          | 19       | 24       | 3       |
| 16BQ5A0437 | RT31044 | DIGITAL SYSTEM DESIGN & DICA             | 28       | 34       | 3       |
| 16BQ5A0437 | RT31045 | ANTENNAS AND WAVE PROPAGATION            | 26       | 24       | 3       |
| 16BQ5A0437 | RT31047 | PULSE & DIGITAL CIRCUITS LAB             | 19       | 42       | 2       |
| 16BQ5A0437 | RT31048 | LICA LAB                                 | 21       | 40       | 2       |
| 16BQ5A0437 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB         | 22       | 37       | 2       |
| 16BQ5A0438 | RT31016 | IPR & PATENTS                            | 26       | 36       | 2       |
| 16BQ5A0438 | RT31041 | PULSE & DIGITAL CIRCUITS                 | 29       | 47       | 3       |
| 16BQ5A0438 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS   | 28       | 52       | 3       |
| 16BQ5A0438 | RT31043 | CONTROL SYSTEMS                          | 23       | 36       | 3       |
| 16BQ5A0438 | RT31044 | DIGITAL SYSTEM DESIGN & DICA             | 29       | 24       | 3       |
| 16BQ5A0438 | RT31045 | ANTENNAS AND WAVE PROPAGATION            | 28       | 35       | 3       |
| 16BQ5A0438 | RT31047 | PULSE & DIGITAL CIRCUITS LAB             | 24       | 48       | 2       |
| 16BQ5A0438 | RT31048 | LICA LAB                                 | 23       | 49       | 2       |
| 16BQ5A0438 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB         | 22       | 48       | 2       |
| 16BQ5A0439 | RT31016 | IPR & PATENTS                            | 27       | 14       | 0       |
| 16BQ5A0439 | RT31041 | PULSE & DIGITAL CIRCUITS                 | 27       | 29       | 3       |
| 16BQ5A0439 | RT31042 | LINEAR INTEGRATED CIRCUIT APPLICATIONS   | 22       | 30       | 3       |
| 16BQ5A0439 | RT31043 | CONTROL SYSTEMS                          | 23       | 31       | 3       |
| 16BQ5A0439 | RT31044 | DIGITAL SYSTEM DESIGN & DICA             | 29       | 24       | 3       |
| 16BQ5A0439 | RT31045 | ANTENNAS AND WAVE PROPAGATION            | 24       | 30       | 3       |
| 16BQ5A0439 | RT31047 | PULSE & DIGITAL CIRCUITS LAB             | 20       | 43       | 2       |
| 16BQ5A0439 | RT31048 | LICA LAB                                 | 22       | 43       | 2       |
| 16BQ5A0439 | RT31049 | DIGITAL SYSTEM DESIGN & DICA LAB         | 21       | 45       | 2       |
| 16BQ5A0501 | RT31051 | COMPILER DESIGN                          | 25       | 28       | 3       |
| 16BQ5A0501 | RT31052 | DATA COMMUNICATION                       | 23       | 33       | 3       |
| 16BQ5A0501 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 42       | 3       |
| 16BQ5A0501 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 17       | 0       |
| 16BQ5A0501 | RT31055 | OPERATING SYSTEMS                        | 23       | 16       | 0       |
| 16BQ5A0501 | RT31056 | COMPILER DESIGN LAB                      | 22       | 44       | 2       |
| 16BQ5A0501 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 43       | 2       |
| 16BQ5A0501 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 42       | 2       |
| 16BQ5A0501 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 16BQ5A0502 | RT31051 | COMPILER DESIGN                          | 21       | 24       | 3       |
| 16BQ5A0502 | RT31052 | DATA COMMUNICATION                       | 22       | 24       | 3       |
| 16BQ5A0502 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 19       | 28       | 3       |
| 16BQ5A0502 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 21       | 12       | 0       |
| 16BQ5A0502 | RT31055 | OPERATING SYSTEMS                        | 22       | 9        | 0       |
| 16BQ5A0502 | RT31056 | COMPILER DESIGN LAB                      | 22       | 42       | 2       |
| 16BQ5A0502 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 14       | 38       | 2       |
| 16BQ5A0502 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 40       | 2       |
| 16BQ5A0502 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 16BQ5A0503 | RT31051 | COMPILER DESIGN                          | 20       | 26       | 3       |
| 16BQ5A0503 | RT31052 | DATA COMMUNICATION                       | 27       | 26       | 3       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 16BQ5A0503 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 20       | 24       | 3       |
| 16BQ5A0503 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 21       | 24       | 3       |
| 16BQ5A0503 | RT31055 | OPERATING SYSTEMS                        | 21       | 25       | 3       |
| 16BQ5A0503 | RT31056 | COMPILER DESIGN LAB                      | 21       | 43       | 2       |
| 16BQ5A0503 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 18       | 37       | 2       |
| 16BQ5A0503 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 50       | 2       |
| 16BQ5A0503 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 16BQ5A0504 | RT31051 | COMPILER DESIGN                          | 20       | 35       | 3       |
| 16BQ5A0504 | RT31052 | DATA COMMUNICATION                       | 21       | 26       | 3       |
| 16BQ5A0504 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 21       | 24       | 3       |
| 16BQ5A0504 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 3        | 0       |
| 16BQ5A0504 | RT31055 | OPERATING SYSTEMS                        | 22       | 30       | 3       |
| 16BQ5A0504 | RT31056 | COMPILER DESIGN LAB                      | 22       | 40       | 2       |
| 16BQ5A0504 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 19       | 36       | 2       |
| 16BQ5A0504 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 45       | 2       |
| 16BQ5A0504 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 16BQ5A0505 | RT31051 | COMPILER DESIGN                          | 28       | 36       | 3       |
| 16BQ5A0505 | RT31052 | DATA COMMUNICATION                       | 27       | 32       | 3       |
| 16BQ5A0505 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 23       | 33       | 3       |
| 16BQ5A0505 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 21       | 17       | 0       |
| 16BQ5A0505 | RT31055 | OPERATING SYSTEMS                        | 24       | 24       | 3       |
| 16BQ5A0505 | RT31056 | COMPILER DESIGN LAB                      | 23       | 47       | 2       |
| 16BQ5A0505 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 40       | 2       |
| 16BQ5A0505 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 48       | 2       |
| 16BQ5A0505 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 16BQ5A0506 | RT31051 | COMPILER DESIGN                          | 28       | 38       | 3       |
| 16BQ5A0506 | RT31052 | DATA COMMUNICATION                       | 29       | 36       | 3       |
| 16BQ5A0506 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 32       | 3       |
| 16BQ5A0506 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 39       | 3       |
| 16BQ5A0506 | RT31055 | OPERATING SYSTEMS                        | 26       | 40       | 3       |
| 16BQ5A0506 | RT31056 | COMPILER DESIGN LAB                      | 22       | 47       | 2       |
| 16BQ5A0506 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 35       | 2       |
| 16BQ5A0506 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 25       | 40       | 2       |
| 16BQ5A0506 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 16BQ5A0507 | RT31051 | COMPILER DESIGN                          | 22       | 39       | 3       |
| 16BQ5A0507 | RT31052 | DATA COMMUNICATION                       | 21       | 26       | 3       |
| 16BQ5A0507 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 54       | 3       |
| 16BQ5A0507 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 20       | 32       | 3       |
| 16BQ5A0507 | RT31055 | OPERATING SYSTEMS                        | 25       | 37       | 3       |
| 16BQ5A0507 | RT31056 | COMPILER DESIGN LAB                      | 20       | 41       | 2       |
| 16BQ5A0507 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 20       | 43       | 2       |
| 16BQ5A0507 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 36       | 2       |
| 16BQ5A0507 | RT31059 | SEMINAR                                  | 45       | 0        | 1       |
| 16BQ5A0508 | RT31051 | COMPILER DESIGN                          | 23       | 54       | 3       |
| 16BQ5A0508 | RT31052 | DATA COMMUNICATION                       | 29       | 29       | 3       |
| 16BQ5A0508 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 27       | 42       | 3       |
| 16BQ5A0508 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 24       | 46       | 3       |
| 16BQ5A0508 | RT31055 | OPERATING SYSTEMS                        | 27       | 30       | 3       |
| 16BQ5A0508 | RT31056 | COMPILER DESIGN LAB                      | 23       | 46       | 2       |
| 16BQ5A0508 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 22       | 45       | 2       |

| Htno       | Subcode | Subname                                  | Internal | External | Credits |
|------------|---------|--|----------|----------|---------|
| 16BQ5A0508 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 22       | 36       | 2       |
| 16BQ5A0508 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |
| 16BQ5A0509 | RT31051 | COMPILER DESIGN                          | 26       | 40       | 3       |
| 16BQ5A0509 | RT31052 | DATA COMMUNICATION                       | 25       | 33       | 3       |
| 16BQ5A0509 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 42       | 3       |
| 16BQ5A0509 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 25       | 7        | 0       |
| 16BQ5A0509 | RT31055 | OPERATING SYSTEMS                        | 27       | 32       | 3       |
| 16BQ5A0509 | RT31056 | COMPILER DESIGN LAB                      | 22       | 40       | 2       |
| 16BQ5A0509 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 43       | 2       |
| 16BQ5A0509 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 21       | 36       | 2       |
| 16BQ5A0509 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 16BQ5A0510 | RT31051 | COMPILER DESIGN                          | 26       | 30       | 3       |
| 16BQ5A0510 | RT31052 | DATA COMMUNICATION                       | 24       | 34       | 3       |
| 16BQ5A0510 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 25       | 31       | 3       |
| 16BQ5A0510 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 39       | 3       |
| 16BQ5A0510 | RT31055 | OPERATING SYSTEMS                        | 29       | 24       | 3       |
| 16BQ5A0510 | RT31056 | COMPILER DESIGN LAB                      | 23       | 42       | 2       |
| 16BQ5A0510 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 48       | 2       |
| 16BQ5A0510 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 40       | 2       |
| 16BQ5A0510 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 16BQ5A0511 | RT31051 | COMPILER DESIGN                          | 28       | 50       | 3       |
| 16BQ5A0511 | RT31052 | DATA COMMUNICATION                       | 28       | 42       | 3       |
| 16BQ5A0511 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 46       | 3       |
| 16BQ5A0511 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 35       | 3       |
| 16BQ5A0511 | RT31055 | OPERATING SYSTEMS                        | 26       | 54       | 3       |
| 16BQ5A0511 | RT31056 | COMPILER DESIGN LAB                      | 24       | 48       | 2       |
| 16BQ5A0511 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 23       | 45       | 2       |
| 16BQ5A0511 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 23       | 38       | 2       |
| 16BQ5A0511 | RT31059 | SEMINAR                                  | 47       | 0        | 1       |
| 16BQ5A0512 | RT31051 | COMPILER DESIGN                          | 27       | 40       | 3       |
| 16BQ5A0512 | RT31052 | DATA COMMUNICATION                       | 27       | 28       | 3       |
| 16BQ5A0512 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 28       | 31       | 3       |
| 16BQ5A0512 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 28       | 38       | 3       |
| 16BQ5A0512 | RT31055 | OPERATING SYSTEMS                        | 26       | 35       | 3       |
| 16BQ5A0512 | RT31056 | COMPILER DESIGN LAB                      | 25       | 49       | 2       |
| 16BQ5A0512 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 24       | 47       | 2       |
| 16BQ5A0512 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 24       | 46       | 2       |
| 16BQ5A0512 | RT31059 | SEMINAR                                  | 48       | 0        | 1       |
| 16BQ5A0513 | RT31051 | COMPILER DESIGN                          | 26       | 41       | 3       |
| 16BQ5A0513 | RT31052 | DATA COMMUNICATION                       | 25       | 28       | 3       |
| 16BQ5A0513 | RT31053 | PRINCIPLES OF PROGRAMMING LANGUAGES      | 26       | 42       | 3       |
| 16BQ5A0513 | RT31054 | DATABASE MANAGEMENT SYSTEMS              | 27       | 57       | 3       |
| 16BQ5A0513 | RT31055 | OPERATING SYSTEMS                        | 26       | 30       | 3       |
| 16BQ5A0513 | RT31056 | COMPILER DESIGN LAB                      | 23       | 44       | 2       |
| 16BQ5A0513 | RT31057 | OPERATING SYSTEM & LINUX PROGRAMMING LAB | 21       | 45       | 2       |
| 16BQ5A0513 | RT31058 | DATABASE MANAGEMENT SYSTEMS LAB          | 20       | 30       | 2       |
| 16BQ5A0513 | RT31059 | SEMINAR                                  | 46       | 0        | 1       |

\*\*NOTE:1 [Last Date for Apply Recounting/Revaluation/Challenge By Revaluation: 03-01-2018]

\*\*NOTE:2 [Please inform to the students enter these subject codes for applying]

## Recounting/Revaluation/Challenge By Revaluation]

**\*\* Note:\*\***

\* -1 in the filed of externals indicates student absent for the respective subject.

\* -2 in the filed of externals indicates student Withheld for the respective subject.

\* -3 in the filed of externals indicates student Malpractice for the respective subject.

Date:23-12-2017

*N. Mohan Rao*  
Controller of Examinations