



VASIREDDY VENKATADRI
INSTITUTE OF TECHNOLOGY

(AUTONOMOUS)

Approved by AICTE and Permanently Affiliated to JNTU Kakinada, Accredited by NAAC with 'A' Grade & NBA Accreditation

DEPARTMENT OF MECHANICAL ENGINEERING
BOS Minutes of Meeting held on 22-05-2021 from 5PM

Agenda:

The following points are proposed to be discussed in the meeting

1. R20 (Autonomous) Course structure from II year onwards and Subject wise syllabus of II year.
2. R19 (Autonomous) Course structure from III year onwards and Subject wise syllabus of III year.
3. Honours and Minor degree courses offered by the department.
4. Any other matter with the permission of chair.

Members present in the meeting:

Sl. No.	Name of the member	Designation	Role	Signature
1	Dr. K Satyanarayana	Professor & HoD, Dept. of ME, VVIT	Chairman	
2	Prof. N Mohan Rao	Professor, Dept. of M.E., JNTUK	External Member	
3	Prof. Sambhu Prasad	Professor & Principal, Pragati Engg. college	External Member	
4	Prof. B Raghu Kumar	Professor & HoD, Dept. of M. E., PVPSIT	External Member	
5	Dr. R. Naveen	Professor, Director CoE, Dept. of ME, VVIT	Member	
6	Dr. T Srinivasa Rao	Professor, Dept. of ME, VVIT	Member	
7	Dr. Md. K. M. Farooqui	Professor, Dept. of ME, VVIT	Member	
8	Dr. K V L Somasekhar	Professor, Dept. of ME, VVIT	Member	
9	Mr. P V S M Kumar	Associate Professor, Dept. of ME, VVIT	Member	
10	Dr. M Kedar Mallik	Associate Professor, Dept. of ME, VVIT	Member	
11	Mr. P Nageswara Rao	Associate Professor, Dept. of ME, VVIT	Member	
12	Mr. V. Kiran Kumar	Associate Professor, Dept. of ME, VVIT	Member	

The BOS meeting has started as per the schedule, at 5.00pm on 22nd of May 2021 on Teams platform with the welcome note presented by the chairman of the meeting Dr. K Satyanarayana. Members present in the meeting have discussed about the points as per agenda.

Discussions in the meeting:

The following agenda points are discussed in the meeting.

1. Python programming subject in semester IV may be removed, and Theory of machines subject can be split as Kinematics of machinery and Dynamics of machinery. So that more weight age is given to mechanical core discipline. However, Python programming lab may be continued enabling the students to learn fundamentals of advanced programming language.
2. Theory of Machines is to be split into Kinematics of Machinery and Dynamics of Machinery. Kinematics of machinery and Dynamics of machinery subjects are to be arranged in a continuous sequence of the semesters for better understanding.
3. Split the Applied Thermodynamics subject into Applied Thermodynamics -1 and Applied Thermodynamics-2 to increase the scope for thermal engineering subjects in GATE exam point view.
4. Convert Computer Aided Advanced Engineering Drawing course into Student Skill enhancement courses.
5. Machine drawing course may be included in second year second semester.
6. Suggested to split Mechanical Engineering Design subject into Design of Machine Members-1 and Design of Machine Members -2.
7. Include data book name for Design of Machine Members -2 in the syllabus. (Jalaluddin book is recommended)
8. In Finite Elements methods subjects names of specific topics needs to be mentioned in unit 1, 2D element topic to be included in unit 3, more topics to be added in unit 4. Finite Element Methods subject may be shifted to Professional Electives.
9. Contents of unit 1 and unit 2 are suggested to rearrange in Heat transfer subject,
10. Materials science, Thermodynamics subjects are to be considered as Engineering Science courses.
11. The titles of skilled courses may be changed as below:

Skilled course in 2-1 as CAAED with NX

Skilled course in 2-2 as Die Design
12. MEFA and Management science subjects may be combined together as a single subject.
13. Changes in the structures and names are to be made as per the discussions.

Resolutions made in the meeting

Item-1: VVIT proposed Course structure from II year onwards of R20 and syllabus of II-1 and II-2 semesters were presented before the BOS members for verification.

Resolutions: Course structure of B.Tech Programme of R 20 (Autonomous) Regulations and syllabus of II-1 and II-2 semesters are approved with the following changes, to give better weightage to core subjects.

- a. Applied Thermodynamics subject is split into Applied Thermodynamics-1 and Applied Thermodynamics 2
- b. Theory of Machines subject split into Kinematics of Machinery and Dynamics of Machinery.
- c. Mechanical Engineering Design subject is split into Design of Machine Members-1 and Design of Machine Members -2
- d. Finite Element Methods subject is shifted to Professional Electives
- e. Materials science subject and Thermodynamics are to be considered as Engineering Science courses
- f. MEFA and Management science subjects are combined together as a single subject.
- g. Convert Computer Aided Advanced Engineering Drawing course into Student Skill enhancement course.
- h. Python programming subject in II-2 may be removed However, Python programming lab may be continued enabling the students to learn fundamentals of advanced programming language.
- i. Design data book by Md.Jalaluddin for Design of Machine Members -2 is recommended.

Item-2: VVIT proposed Course structure from III year onwards of R19 and syllabus of III-1 and III-2 semesters were presented before the BOS members for verification.

Resolutions: After due consultations and suggestions of BOS experts, Course structure of B.Tech Programme of R 19 (Autonomous) and syllabus for III-1 and III-2 semesters are finalised.

Item-3: VVIT proposed Honours and Minor courses offered by the department were presented before the BOS members for verification.

Resolutions: BOS team has approved the proposed Honours and Minor degree courses for R20 regulations.

With the presentation of vote of thanks by the chairman, the online meeting concluded at 8.40pm. The entire proceedings are recorded as video and stored in the department.



(Dr. K. Satyanarayana)

BOS Chairman, ME