



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		VASIREDDY VENKATADRI INSTITTUTE OF TECHNOLOGY
Name of the head of the Institution		Dr.Y.Mallikarjuna Reddy
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		09848230433
Mobile no.		9949359336
Registered Email		vvitn@rediffmail.com
Alternate Email		principaloffice@vvit.net
Address		Nambur, Pedakakani mandal
City/Town		Guntur
State/UT		Andhra Pradesh
Pincode		522007

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr.Kalavathi A
Phone no/Alternate Phone no.	09440201567
Mobile no.	9440201567
Registered Email	iqacvvit@gmail.com
Alternate Email	kalavathi_alla@yahoo.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://www.vvitguntur.com/images/AQAR/AQAR2017-18.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.vvitguntur.com/aca-examcell/academic-calendar

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.09	2016	02-Apr-2016	02-Apr-2021

6. Date of Establishment of IQAC	26-Nov-2014
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
No Data Entered/Not Applicable!!!		

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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Getting autonomy to the Institution 2. Getting NBA renewal to Department of IT and ECE 3. Bridge Courses are introduced for First year students, and to lateral entry students in the second year 4. Gave guidelines to design R19 regulations and examination reforms inline with AICTE model curriculum 5. Encouraged the departments to introduce employability related courses 6. Carried the Internal and External Academic Audit to increase the quality in all academic activities

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
No Data Entered/Not Applicable!!!	
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Name of Statutory Body</td> <td style="width: 50%; text-align: center;">Meeting Date</td> </tr> <tr> <td style="text-align: center;">Governing Body</td> <td style="text-align: center;">12-Jun-2019</td> </tr> </table>		Name of Statutory Body	Meeting Date	Governing Body	12-Jun-2019
Name of Statutory Body	Meeting Date				
Governing Body	12-Jun-2019				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes				
Date of Visit	26-Sep-2018				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2018				
Date of Submission	30-Sep-2018				
17. Does the Institution have Management Information System ?	Yes				
<p>If yes, give a brief description and a list of modules currently operational (maximum 500 words)</p>	<p>VVIT Campus Management System (CMS) is a web based ERP tool to deal with all your campus activities. Its name suggest is not only software tool but also a planning tool that will suggest you the best way to do the same task in a better way. The various modules are: ? Admissions ? Master Data Setups ? Students Data Management ? Fee Management ? Academics ? Class Time Table Attendance ? Feed Back ? Examinations ? Employee Management ? Library Management ? Training Placements ? ID Cards ? Hostel Management ? Transport Management ? Users management ? Student, Faculty Login Key Features: ? Smart Brainy CMS Online Suite is server based college management software provides module wise accessibility for support multi user with different privilege to ensure high level of security. ? It is multi user and completely user friendly college management software. ? Generates different types of reports. ? Developed using optimized designing and coding to maintain proper speed. ? Proper and systematic training to different departments. ? Ultimately maintains efficient management. VVIT</p>				

Examination Management System is a Complete Automation Software for Examination Activities. It has the following modules: 1. Pre Examination Process ? Course/Program Configuration with Branches and Semesters ? Student Data Management ? Regulation Creation Mapping ? Subjects Configuration ? Marks Grades Configuration ? Exam Fee Configuration ? Exam Time Table Configuration ? Online/Offline Student Fee Registration and Challan Generation ? Exam Room Allotment Configuration ? Exam Fee Reports like Collection reports, Fee dues, Subject wise registered students ? Seating Plan Reports ? HallTickets ? OMR Codes and Student OMR Sheets Printing ? Mid Marks Uploading Verification ? Mid Marks Average Setup 2. Post Examination Process ? Internal Marks Uploading Verification ? Internal Evaluation Setup ? Practical Marks Uploading Verification ? Dform Generation ? OMR Sheets Scanning ? Coding Decoding ? OMR Marks Uploading ? External Marks Verification ? Results Processing ? Results Analysis ? Moderation Setup ? Moderation Analysis List ? Grafting Setup ? Grafting Analysis List ? Results Copies and Statistics ? Subject Wise Passed Failed Lists ? T - Sheets ? Tabulation Reports With Marks Grades ? Grade Wise Analysis ? Toppers List ? Backlog Reports ? Overall Percentage Reports ? Cumulative Credits Reports ? ReEvaluation Configuration ? ReEvaluation Processing ? ReEvaluation Analysis Reports ? Bridge Course Setup ? Grace Marks Configuration ? Marks Memo Grade Sheets ? PC, CMM, Tabulation Register etc. ? Results SMS ? Results Auto Posting to WEB Portal 3. Choice Based Credit System(CBCS) ? Course Group Setup ? Manage/Import Courses ? Course Group Mapping ? Manage/Import Faculty ? CourseFaculty Mapping ? Credit Setup ? Student Course Registrations ? Finalize Course Registrations ? Student Promotion Rules ? Timetable Entry ? Student Application Form ? Student Timetable Report ? Faculty Timetable Report ? Course wise Student strength Report 4. Question Bank(Objective/Descriptive) Objective: ? Test Name Setup ? Test Structure Setup ? Test Scheduling ? Upload Bits ? View Bits ? Generate Test Paper ?

Part B

CRITERION I – CURRICULAR ASPECTS**1.1 – Curriculum Planning and Implementation**

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The Institute in general and departments in specific follow through and conform to the standard and constructive mechanisms advised by the high-level quality governing institutions like AICTE, UGC, NBA and NAAC. The R16 Regulation curriculum was designed and developed by JNTUK and institute ensures a perfect delivery of the objectives of those courses until outcomes are achieved by the students. • The curriculum gaps were identified and appropriate measures were incorporated to bridge them. • The delivery of content is planned in such a comprehensive manner which will include all apt teaching-learning methodologies to cater to the needs of millennial students. • An acute analysis of course syllabus will be done by the concerned subject experts and a perfect delivery strategy for the individual courses drafted in course delivery plan. • The frequent academic audit by the IQAC will be done for course delivery monitoring by the Professor concerned and apt advises were given if there are any deviations. • The entire course outcomes achievement is also acquired online at the end semester and a detailed analysis is done to prop up a better delivery for next batches. • Frequent Course Monitoring Committee, Department Academic Committee meetings were scheduled to reassess the course content deliverability at the grass root level • A thorough comparative analysis of outcomes of practical courses is done and apt additional experiments beyond the syllabus were included in the curriculum. The academic calendar with necessary instructions, all norms and procedures of assessment are given to every student at the beginning of the semester. ? The institution provides question banks, e-books, and previous question papers. Utmost importance is given to maintain transparency in the assessment of students' academic performance. ? Frequent Industrial visits to nearby industries are arranged to provide practical exposure to the students on the subjects in the curriculum. ? Students are sent to various industries for the internships/training. ? The institution organizes guest lectures by subject experts on various subjects to share their knowledge. ? Remedial classes, peer teaching and study hours are conducted for slow learners in every subject to bring them on par with the other students. ? T&P (Training & Placement Cell) of the institution provides necessary training in technical and general aspects for the employability of the students. ? Students are encouraged to participate in various intra and inter collegiate technical and cultural competitions.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Google Android Developer Fundamentals Crash Course	-	01/05/2018	30	Employability	Skill Development
Skill improvement Program-	-	01/02/2018	75	Employability	Skill Development

Python					
Perspectives on Entrepreneurship	-	23/03/2018	60	Entrepreneurship	Skill Development
IGDC Introduction to Game Development-	-	24/08/2018	60	Entrepreneurship and Employability	Skill Development
Summer Crash Course on Revit ARchitecture	-	01/05/2018	60	Employability	Skill Development
Robocad Basics	-	09/07/2018	7	Employability	Skill Development
Essentials for NX Designers	-	09/07/2018	7	Employability	Skill Development
Basics of SCADA	-	02/07/2018	7	Employability	Skill Development
-	North Eastern University Venture Development Certification	02/01/2018	60	Entrepreneurship	Skill Development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil	12/06/2018
BTech	CSE	12/06/2018
BTech	ECE	12/06/2018
BTech	EEE	12/06/2018
BTech	IT	12/06/2018
BTech	Mech	12/06/2018
MCA	Computer Applications	12/06/2018
Mtech	Structural Engineering	12/06/2018
Mtech	CSE Shift1 &2	12/06/2018
Mtech	DECS	12/06/2018
Mtech	VLSI & Embedded Systems	12/06/2018

Mtech	PEED	12/06/2018
Mtech	Machine Design	12/06/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	1175	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained
<ul style="list-style-type: none"> • VVIT has a transparent and constructive feedback system maintained by IQAC. Twice in a semester feedback related to processes in institution were taken through a comprehensive unambiguous and impartial questionnaire, via online. • The feedback taken thus is maintained confidentially under the Chairman IQAC, along with the members of the committee. • The analysis of feedback data is done based on apt methods viz., SPSS (Statistical package for the social sciences) and Quadrant Analysis. The results thus analyzed were utilized to determine which aspects of the Institution's services were most important and the degree to which the students were satisfied. • The issues mentioned in the feedback were classified, prioritized and put before the Head of Institution by the IQAC, for further actions. • Head of Institution after consulting the Department heads in the high-level meeting along with the other apt committees will entitle the concerned departments to prepare an immediate Action Taken Reports (ATRs) on the issues raised in the feedback. • A periodic monitoring of the suggestions or advices or discredits or reprimands done as a remedial action of Feedback analysis is done to record the improvements in processes. • An in-house developed Feedback Management System Software effectively performs the on-line feedback taking process in smooth, swift and secure manner. • VVIT as whole has a stringent model in maintaining the sanctity of its stakeholders' feedback taken in various forms, means and frequencies for the overall development of institution. Artefacts: 1. In-house developed Feedback

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3876	110	242	16	258

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
258	258	81	74	10	210
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

- A comprehensive, constructive and promising student mentoring system is devised in the Institute for dealing with typical problems being faced by the students. • The faculty were allotted with an optimum number of 15 students for counselling/mentoring with dedication. • Every counsellor will have periodic discussion with their counsees in the allotted Counselling Rooms and will take a deep dive in to the hearts of students to identify problems which are hindering their progress. • The counsellors with the help of senior faculty will counsel the allotted students to solve their problems if any by suggesting tips, techniques or revealing some real-life anecdotes to inspire them. • VVIT exclusively maintains Student Counselling Registers for every student in which concerned mentors will record every interaction with a counselee promptly and will submit it to the Head of Department every fortnight. The progress of those students who are especially pinned as weak in academics or other related moral issues will be observed. • Regularly parent/guardian will be informed about the progress of their ward, the efforts of institute in mentoring the student besides seeking their support. • The track record of students who are benefited by the progressive counselling will be maintained by the department. Both advanced learners and slow learners are identified by their counsellors and reported to the HOD for further actions of constructive counselling. • These actions are taken over those students in a stern manner and results of those actions are treated as outcomes. • The Counsellors will be frequently upgraded with several counselling skills in vogue often by the experts via apt programs. • Student Counselling Cell will monitor the mentoring process frequently. • The online counselling efforts were also on the way to do the mentoring of students by making the documentation paperless and reports generation automated. • Mentors will be encouraged to maintain healthy and holy rapport with their mentees to have successful mentoring system outcomes. Artefacts: 1. Student Counselling Registers 2. List of Counsellors assigned with students 3. Counselling Guidelines 4. Counselling schedule 5. Counselling Report(Monthly, End-Semester) 6. Special Counselling Report on typical students 7.

Report on students benefitted by counselling 8. Counselling the Detained/Dropped-Out Students

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3986	258	15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
258	258	0	24	34

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
View File			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
View File				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

i) The performance of a student in each semester shall be evaluated subject - wise with a maximum of 100 marks for theory subject and 75 marks for practical subject. The project work shall be evaluated for 200 marks. (ii) For theory subjects the distribution shall be 30 marks for Internal Evaluation and 70 marks for the End - Examinations. (iii) For theory subjects, during the semester there shall be 2 tests. The weightage of Internal marks for 30 consists of Descriptive - 15, Assignment - 05 (Theory, Design, Analysis, Simulation, Algorithms, Drawing, etc. as the case may be and for Physics Virtual Labs to be consider as Assignments) Objective -10 (Conducted at College level with 20 Multiple choice question with a weightage of ½ Mark each). The objective examination is for 20 minutes duration. The subjective examination is for 90 minutes duration conducted for 15 marks. Each subjective type test question paper shall contain 3 questions and all questions need to be answered. The Objective examination conducted for 10 marks and subjective examination conducted for 15 marks are to be added to the assignment marks of 5 for finalizing internal marks for 30. Internal Marks can be calculated with 80 weightage for best of the two Mids and 20 weightage for other Mid Exam As the syllabus is framed for 6 units, the 1st mid examination (both Objective and Subjective) is conducted in 1-3 units and second test in 4-6 units of each subject in a semester. (iv) The end semester examination is conducted covering the topics of all Units for 70 marks. End Exam Paper: Part-A 1st Question is mandatory covering all the syllabus which contains seven 2 marks questions for

14 marks with atleast 2 marks of question for each of the six units and in Part-B 4 Questions out of 6 Questions are to be answered with each carrying 14 marks . Part-A Part-B put together gives for 70 marks. (v) For practical subjects there shall be continuous evaluation during the semester for 25 internal marks and 50 end examination marks. The internal 25 marks shall be awarded as follows: day to day work - 10 marks, Record-5 marks and the remaining 10 marks to be awarded by conducting an internal laboratory test. The end examination shall be conducted by the teacher concerned and external examiner. (vi) For the subject having design and / or drawing, (such as Engineering Graphics, Engineering Drawing, Machine Drawing) and estimation, the distribution shall be 30 marks for internal evaluation (20 marks for day - to - day work, and 10 marks for internal tests) and 70 marks for end examination. There shall be two internal tests in a Semester and the Marks for 10 can be calculated with 80 weightage for best of the two tests and 20 weightage for other test and these are to be added to the marks obtained in day to day work. (vii) For the seminar, Each student has to be evaluated based

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

As the Institution is affiliated to Jawaharlal Nehru Technological University Kakinada(JNTUK), we strictly adhere to the University Academic Calendar

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://www.vvitguntur.com/aca-examcell/syllabus-reg/r16-co-po-matrix>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
View File					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://vvitguntur.com/images/documents/VVIT_SSS_18-19.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	365	Google	13548460	13548460
Major Projects	1095	DST	3394600	400000
Major Projects	1095	DST	2038370	439860
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Modeling and simulation studies in civil engineering practices using ANSYS (FDP)	Civil	05/12/2018
Applied Cryptogrphy	IT and CSE	12/11/2018
Advanced Coding Skills	IT and CSE	20/05/2019
Guest Lecture on Future of Engineering and Digitization	ECE	27/02/2019
CNCRobotics Programming in Manufacturing Industries	ME	02/02/2019
3D Printing Technology-Innovations in clinical Bio Medical Field	ME	31/08/2018
Improving Teaching Skills in the Subject of Design of Machine Members-1	ME	02/05/2019
Noise Vibration Control of Structures: Engineering Applications.	ME	26/11/2018
Applications of CFD MATLAB in Mechanical Engineering	ME	14/11/2018
Product Development on 3D Experience	ME	23/10/2018

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
View File				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
5000	10000	20000

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded

ECE	3
EEE	1
IT	2

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
View File			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	
View File	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
View File						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
View File			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students
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			Benefited
No Data Entered/Not Applicable !!!			
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				
View File				

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
View File			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
View File					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1877.5	1787.37

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Newly Added
Laboratories	Newly Added
Class rooms	Newly Added
Campus Area	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
EZLibrary	Partially	10.0.0.23	2009

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
View File			

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr Kalavathi	Hash Algorithmss	Screenccastomatic	17/09/2018
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	880	10	880	10	10	20	40	150	0
Added	0	0	0	0	0	0	0	0	0
Total	880	10	880	10	10	20	40	150	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

140 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
screenccastomatic	https://drive.google.com/file/d/0B6OZF08sBFUWUE9CY01NNElpTDA/view
X Recorder	https://www.youtube.com/watch?v=iITtpuaDUTA&feature=youtu.be

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
106.5	102.28	1771	1684.49

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

For material management, in-out movement of material, procurement and maintenance operations VVIT has stringent policies and procedures which make it transparency and readiness of items for the best utilization by it interns. • VVIT by its vision and mission always thrive to ensure the availability of de facto industry standard equipments and cutting-edge technological infrastructure in the institution for optimal utilization by the students. • The procurement of all sorts of equipments from bell pin to generator is done via a flawless systematic procedure and maintenance of these infrastructural facilities is done using upkeep online Microsoft office maintenance software. • The proposals submitted by all departments at regular or special scenarios are centralized and are submitted for evaluation by the concerned Finance and other committees to ensure and assess the requirement of those items. • After being approved by the Principal the quotations are invited. After the approval of the management the required items are purchased and entered in the stock register. • IQAC during the Audit will verify the stock and its condition frequently and reports the Head of Institution. At the end of every financial year stock verification is also done by the college office. • A transparent, fool-proof and swift on-line process is maintained along with manual process for repairs, replacements, relocations and repurchases of equipments regularly using upkeep software. • Material Management Committee along with every relevant committee in their periodic meetings gets the reports on the equipments and their current condition. The committees look after the maintenance of concerned infrastructure for the safe and best utilization of that equipment. • Every Laboratory is assigned with a senior concerned faculty member for looking after its maintenance and to report on demand about the utilization and condition of the equipment related. • A dedicated Hardware, Software and Networking Services team takes care of computer labs and internet facilities Institute-wide along with the Departments of Computer Science Engineering, Information Technology. • For the Computer labs internal audit every end semester, makes them fit and ready for 24X7 usages. • As per the norms of Technological Institution, a dedicated Librarian and team appointed for monitoring the library including issue, returns, stock etc. The department level libraries also follow a miniature of central library and maintained by department library in charge faculty with necessary operational files. The unique book bank facility to the poor and economically back ward students is maintained, where in all semester-wise books were given in advance to the semester and taken back at the end of semester. Library cards are issued to the students. • Library Management Committee composed of professors from various departments will look after the Central library facilities and involves in suggesting new books for purchase etc. • The Sports Games department composed of 4 active physical Educational Trainers and supporting staff. The physical directors are highly qualified and engage the active, agile, acrobatic students with successful past sports history to excel further in their Sport/Game along with the career. •

https://vvitguntur.com/images/documents/VVIT_MAINTENANCE.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
No Data Entered/Not Applicable !!!			
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	11
GRE	36
TOFEL	22
Any Other	46
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
VIVA-VVIT Intercollegiate Festival	National	3294
VVIT Balotsav	World Level Telugu People	6400
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

VVIT by its intent encourages activities of the student council. VVIT Student Activity Council (SAC) is the official student representative body of VVIT. SAC acts as a student representative medium among management, administration, faculty students. SAC activity orientation is mainly associated with • Representing the students voice, aspirations and thoughts • Managing student welfare activities • Managing club activities • Feedback initiatives in academics • Transportation • Hostel and Mess Facilities • Sports facilities • Infrastructure, campus amenities • Student discipline, student problems, issues • Co-curricular extra -curricular activities and Anything and everything concerned with the students. The vision and mission of VVIT SAC are as below.

MISSION SAC as a responsive student centred organisation, represents the students voice, aspirations, thoughts, dreams and make them possible by providing excellent services, programs, products and facilities for the entire VVIT family with the support of advisory committee. VISION To create dynamic individuals who would be the leaders for positive change impacting the global community to grow as visionaries. The organisational structure of SAC is basically organised as councils. The hierarchical structure of SAC is three tiered architecture. Each tier represents specific functionality with aligned responsibilities, duties rights as per the specific post protocol. The three tiers of hierarchical structure of SAC are: 1) CWC(Central Working Committee) 2) Executive Body 3) General Body CWC (Central Working Committee) is the core organising body of SAC. Central Working Committee plans, Executes governs the functionality of SAC.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Each department seeks the opinion/suggestions of alumni on various developmental activities by sending emails to them and requesting them to fill the proforma supplied in this regard. Alumni meetings are held every year on the institution campus on 23rd December. The institution has an unregistered Alumni Association. The alumni association was started in the year 2011. Its motive is to bring all the alumni on one platform so that they can share their experiences, extend their helping hand, and provide guidance to the budding engineers of the institution. All the passed out students of the institution are active members of the Alumni Association. The Alumni are spread around the globe and support the institution in various activities. Alumni meet is held at Institution every year. Alumni contribute to the development of the institution in the following ways: ? Feedback on all matters related to the institution ? Alumni members residing in various parts of India and abroad share their experiences with staff and students. ? Alumni supports the placement activities of the students ? Our alumni has donated a photocopier machine to the library

5.4.2 – No. of enrolled Alumni:

8000

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet 23rd Dec 2018

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

• Decentralization is having a profound impact on policy, planning and management of technology education. To promote quality of education to all stakeholders of the institute viz. in academic, social, industry, political and aiming to develop responsible management decentralization is essential. • The success of an institution is the result of the combined efforts of all who work towards attaining the vision of the institution. Right from the Chairman of the Management Committee to the staff and students, all the stakeholders have a role to play in making the prospects of the institute. • At the same time, decentralization is seen as a means of improving the efficiency of education system and the quality of educational services. At various levels the college grooms the leadership. • Governing body, Management, Principal, Deans, Vice Principal, IQAC Members, Steering committee, teaching staff, non-teaching staff, supporting staff, student activity counsel , Stakeholders, Alumnae and various committees jointly empowered to propose, design, formulate and execute their plans within the frame work of governance. • The Academic, Administrative, NCC, NSS, IQAC all are working together for the smooth running and over all functioning of the institution. • The Principal, Heads of the departments, teaching and non teaching faculty along with student union members, class student representatives together concentrate on fostering the progress of institution by sharing the responsibilities and participate growth of the institution and to act according to the aims and objectives of the Institution.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Since the college is affiliated to JNTUK, there is no scope for curriculum development. However Institution always encourage students to do certification courses and conducts various workshops on that to make them industry ready
Teaching and Learning	Conducting Campus Placement Training ? Tutorial Classes ? Remedial Classes ? Peer Teaching Classes ? Conducting Skill Development Classes ? Motivating staff and students towards RD ? Conducting regular counselling sessions to identify slow learners ? NPTEL, Expert Video lessons
Examination and Evaluation	Since the college is affiliated to JNTUK, examination and evaluation reforms are as per JNTUK regulation
Research and Development	Motivated students and staff to publish research papers in peer reviewed journals ? Institution received two sponsored research projects in this academic year ? Motivated faculty by giving incentives like conference registration fee ? Conducted FDPs in recent topics
Library, ICT and Physical Infrastructure / Instrumentation	Institutional membership with DELNET which connects all libraries of technical institutions approved by AICTE in the country. ? BSNL has provided 40 Mbps VPNoBB (Virtual Private network over Broad Band) connection under NME-ICT (National Mission on Education through Information and Communication Technology - Project initiated by Ministry of HRD). The objective of this project is to provide NME-ICT network connection to the colleges and universities of the nation to bring all educational institutions into a single network for sharing the information. ? Wi-Fi connectivity is available in the Institution ? Construction of new building to facilitate the increase in intake.
Human Resource Management	Orientation classes were conducted for new faculty members ? Annual assessment of faculty is done through self-appraisal forms ? Faculty are encouraged and sponsored to participate in FDP, workshops, Refresher courses

	organized by other Institutions, Universities. ? Provident Fund is given to the faculty ? Annual Increments and yearly twice DA increments are given to faculty as per the norms of Institution ? Health insurance is provided to all the Faculty.
Industry Interaction / Collaboration	College has signed MOUs with various organizations for the benefit of students. ? Regular Industrial Visits are conducted for students to enhance their technical skills ? Guest lectures are organized for students to fill the Industry-Institute gap by inviting various Industry Experts.
Admission of Students	70 of the admissions are done by Convener, EAMCET, Andhra Pradesh through state government ? Remaining 30 of the admissions are done by management based on the guidelines given by APSCHE(Andhra Pradesh State Council for Higher Education).

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Examination	Smart Brain
Student Admission and Support	Student Brain, EZSchool
Finance and Accounts	Tally

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
258	258	79	79

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
? Group Health Insurance for all the faculty ? Subsidized working lunch for all the faculty ? 50 discount in admission fee for all the children of teaching faculty ? No transportation fees for faculty in college buses ? Gifting apt items at family functions of the faculty from faculty welfare fund	Group Health Insurance for all the staff ? Subsidized working lunch for all the staff? 50 discount in admission fee for all the children of staff ? Initiated the action plan for collecting land for the proposed staff gated community flats	Dispensary in college campus ? Group Insurance for the students travelling in college bus ? Giving scholarships for poor and merit students from the management

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Institution Conducts Internal (College Auditor) and external financial audit(ISO) every year
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6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
--	0	0
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6.4.3 – Total corpus fund generated

6145691

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Externa professors appointned by IQAC Chairman	Yes	VVIT IQAC Cell Appointed Faculty

Administrative	Yes	ISO	Yes	Internal College Auditor
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6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Parents are contacted via telephone during the counselling sessions. ? Parents are informed about their ward whenever there is any discrepancy ? Informal parent-teacher meetings are conducted for any serious issues.

6.5.3 – Development programmes for support staff (at least three)

Training programs are conducted for support staff when and where necessary ? Encouraged to go for higher education

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Renewal of NBA for ECE and IT departments 2. Conferred UGC Autonomous status for a period of 10 years from 2019-20 3. Established incubation centers like Siemens CoE, Google Code Lab, Dassault Lab

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Internaional Womens Day Celebration	08/03/2019	08/03/2019	1175	430
Awareness about women protection and empowerment	24/08/2018	24/08/2018	520	150
Awareness Program on Cervical Cancer	04/02/2019	04/02/2019	250	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Percentage of the power requirement of the University met by the renewable energy sources ? Total no of units consumed from both grid and solar: 45000 to

60000 units (Kwh) ? Total no of units generated from solar: 21000 to 25000 units (Kwh) ? Total no of units supplied to grid from solar: 1500 to 2000 units (Kwh) ? Approximately 40 to 45 of total power consumption of the institution is generated by the Solar power system (4 units each of 25KW 3 units each of 50 KW) installed in the campus.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	1
Provision for lift	Yes	1
Scribes for examination	Yes	0
Physical facilities	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
View File							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct for Students	12/06/2018	<p>Attendance: Regular attendance to the classes is given top priority in this college. All the students are encouraged to maintain 100 attendance. Students who do not meet the mandatory attendance requirement will not be permitted to write the examinations held by the University.</p> <p>Leave of Absence: A student cannot be absent from college without a leave letter. Prior permission from the class teacher should be taken. Students and parents may contact the class teacher for further details.</p> <p>Please refer to the Faculty details page in this Handbook for Contact numbers and email IDs of faculty handling I B. Tech classes. Documentary evidence should be</p>

produced for leave taken by the students on medical grounds. Litter Free Zone: Cleanliness on campus and inside the classrooms is given a high priority in this college. Do no litter the college premises with pieces of paper, unwanted pens, pencils and notebooks. Disciplinary action would be taken against LITTERBUGS.

Behavior: Students should learn to behave very professionally. They are not allowed to speak loudly on the campus and in the classrooms. They should communicate in polite English while on campus. Any untoward behaviour of the student will be treated very severely and action will be initiated on the recommendation of the Disciplinary Committee.

Cell Phones: Use of cell phones, cam cells, i-pods/i-pads, etc. is banned on the college campus. If any student is found to possess them, the banned item(s) would be confiscated and destroyed immediately and severe disciplinary action will be initiated against the student.

Motor Cycles: Students should avoid coming to the college on two-wheeler motor vehicles like motor bikes, scooters, etc. Severe action will be taken against violators.

Ragging Teasing: All the students should sign a declaration that they would abide by the anti-ragging laws enforced by the Governments of India and Andhra Pradesh. The guilty will be punished basing on the

recommendations of the Anti-Ragging Committee.

Dress Code Students should come in uniform prescribed by the College on all days except Fridays. They should also come in uniform to all the examinations like Mid-Term, Practical Internal External and Semester-End, Supplementary and Regular University examinations EVEN THOUGH THE DAY OF EXAMINATION IS A FRIDAY

Uniform for Boys: Half Sleeved Shirt tucked into formal cut trousers, with black shoes. Low waist/hip and other trendy cut trousers are not permitted.

Uniform for Girls: Half-sleeved kameez, comfortable salwar and dupatta. Girls can avoid wearing high-heels.

Improper dress code leads to punishment. IDENTITY CARDS: Wearing ID tag is mandatory. Loss or damage to IDs should be immediately informed to the office.

Friday Dress: Boys should come in semi-formals with their shirts tucked-in and wear shoes. Students are not allowed to wear T-shirts, cargos, low waists, shorts and ultra-short length clothes.

Code of Conduct for Staff

04/06/2018

Orientation program is conducted to the newly recruited staff, Principal and Heads of the Departments guide them in discharging their obligations towards students, parents, colleagues and community, and making them aware of the ethical principles governing the teaching profession • Feedback from students and authorities is taken to monitor the behavior and

performance of the staff.
 • If any staff member is found with misconduct, disciplinary action will be taken against him/her.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
View File			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. The number of plants was planted under the NSS program to make green and healthy campus. 2. Plenty of dust bins are maintained at various places in and around the institution premises./ 3. Making use of natural light and LED bulbs in the class rooms as much as possible. 4. Making Use of electric power generation from solar plant installed on roof of the institution. 4. Water Harvesting, To minimize the wastage of water resources and to improve the water table, the rain water is led into the pond located in the campus. 5. Water cycling process for the growing of plants from waste water. 6. Care is taken to restrict vehicle entry into the campus and specific parking area is allotted for faculty and students. The institute restricted the usage of plastic bags in the campus.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice I : Title of the Practice: Enhancing student skill set Objective: To enhance the following skills among the students: • Technical competence • Interpersonal Skills • Employability skill The Context: The institution aims to become a Centre of excellence. Students from different levels backgrounds need training to improve their technical as well as employability skills. Considering these requirements, institution is providing excellent facilities for the students to improve their skills and to achieve their career goals. The institution has been facilitating young adult learners with opportunities to hone their ethics and leadership potential. The Practice: To realize the student’s aspirations our institution has offered Spoken English classes for all the second year students UG students and Aptitude classes for Third year and Final year UG students. Spoken English classes are taken care of by the Faculty of English. Online placement tests are periodically conducted to enhance aptitude, mental ability and reasoning of the students to improve their employability. The placement cell conducts a host of sessions that include group discussion and mock interviews to make the students placement- ready. Evidence of the success. Problems Encountered and Resources Required: As majority of the students are from the rural areas it is imperative that their language abilities as well as their interpersonal skills are honed. The institution believes that by improving the employability among the students from rural back grounds we can bring drastic change in the socio - economic conditions of their respective families. Personality Development Programmes and motivational lectures are organized to build confidence in these students. Best Practice: II Title of the Practice Research by Faculty Members Objective: The main aim is to create a conducive environment for the conduct of research by establishing the necessary infrastructure, human resources and motivation to nurture the research competencies among the faculty members. The Context: The institution offers 6 UG and 7 PG degree programme in various engineering departments. It is the responsibility of faculty members to inculcate effective learning methodology in their students to understand various engineering

concepts. To accomplish this, they need to be creative and innovative in their approach to teaching / learning activities and should possess holistic idea about the subjects what they taught, which requires some level of research competencies in the teaching faculty members. The Practice The Research and development inspires the faculty members to publish the research papers, attend national/ International conferences and to carry out consultancy work. Cash incentives are given to faculty members who successfully publish their research papers in National/ International journals. Evidence of Success: The number of Ph.D., degree holder in the institution has increased considerably. The results of above said practice increases the number of papers published by the faculty members. Many research project proposals are applied to various funding agencies.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://vvitguntur.com/images/documents/VVIT_BEST_PRACTICES.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The vision of the institute "To impart quality education through exploration and experimentation and generate socially-conscious engineers, embedding ethics and values, for the advancement in science and technology" is the thrust which every intern at all stages and operations reiterates and reflects. The institute always endeavours to carve the students as best citizens of nation, who are socially conscious and adept in proving ace solutions to the societal and economical challenging problems by breaking the technological bottlenecks. The rationale of any promising education is to ultimately benefit the society all respects and welfare of mankind. VVIT besides providing wealth of knowledge in core competencies to the students explores the life lessons that provide a true meaning and understanding of Technological education. Every student is engraved with incessant impulses to serve the nation and motivates them to set themselves as examples for the posterity. The institute has a tag line and service mantra as "Service to Society is Service to God" and always motivates the students to inculcate that throughout their live and remain as an example to the others. Not limiting to words and lines, VVIT has always been a step-ahead in donating the right stuff at the right time through several programmes initiated by the institute, state or central government without any prejudice. To reckon a few institutional activities distinctive to its vision in terms of its charities done, services offered to society are as below. • Frequently donating to the Chief Minister Relief fund in association with students faculty for the welfare of the co-human beings whose lives are ruined in various natural disasters like floods, cyclones and Tsunami etc such as happened in Kerala, Chhattisgarh and Visakhapatnam. • Conducting several Skill Development Workshops under Siemens Centre of Excellence, for the students and industrial employees, faculty of various parts of the state. • Conducting YOGA day for the students to assert a healthy mental composure to the students and faculty under the Yoga Club of VVIT • Motivating the deserving students to get registered for NCC and giving them regimental training to pursue NCC- C, B certificates to make them eligible for service nation-wide in force at large. • Involved and inspired by the JNTUK Swatch Bharath mission, motivated NSS, NCC and other students to undergo region-level service activities. o NCC has two Units for boys and girls to provide services to the society o Conducting various activities and preparing students to contribute to development of society such as Awareness programs on swachha Bharath, Yoga day, Blood donation camps to donate blood, Cleaning of streets, drains, statues, wall paintings and monuments, Cleaning of public parks, hospitals, bus stands and railway stations

etc. • Frequently organizing the Blood donation Camps, Eye and other Health check-up camps for the welfare and wellbeing of students and faculty to stay fit and perform well. • Organizing several community programs for inculcating the social awareness and broad outlook free from prejudice culture in the society among the students and faculty. • With

Provide the weblink of the institution

https://vvitguntur.com/images/documents/VVIT_INSTITUTIONAL_DISTINCTIVENESS.pdf

8.Future Plans of Actions for Next Academic Year

Future Plans for the academic year(2019-2020) 1. To renew NBA accreditation of CSE, EEE and Mechanical 2. To get NBA accreditation for Civil dept 3. Improving the research labs in each specialized especially in Artificial Intelligence and IoT 4. The Institute plans to build a mini stadium along with extended in-door facilities to facilitate the tournaments and host national-level competitions 5. Increasing the incubation Centres for Innovation, entrepreneurship and Technology 6. Machine learning, RPA, Cyber Security, Cloud forensics, Block-Chain, IoT and other progressive technologies are planned to be introduced to new age students as under new graduate programmes