



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution	
	VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY
• Name of the Head of the institution	Dr. Y. Mallikarjuna Reddy
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	9949359336
• Alternate phone No.	9949359336
• Mobile No. (Principal)	9949359336
• Registered e-mail ID (Principal)	principaloffice@vvit.net
• Address	Nambur
• City/Town	Guntur
• State/UT	Andhra Pradesh
• Pin Code	522508
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	28/11/2018
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Dr Kalavathi A				
• Phone No.	9440201567				
• Mobile No:	9440201567				
• IQAC e-mail ID	iqacvvit@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://vvitguntur.com/images/AQAR/AQAR-2020-21.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://vvitguntur.com/aca-examcell/academic-calendar				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.09	2016	02/04/2016	02/04/2024
6.Date of Establishment of IQAC			26/11/2014		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
Dr. M. Y. Bhanu Murthy	SPICES	AICTE	02/04/2021	1,00,000	
Dr. T. Sridhar Babu	AICTE-RPS	AICTE	18/02/2022	1577466	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				

9.No. of IQAC meetings held during the year	4	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
1. ATAL Ranking 2. NIRF ranking 3.AISHE Data Upload 4. Increase in intake of Specialization branches		
12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:		
Plan of Action	Achievements/Outcomes	
To conduct online FDPs/ Guest Lectures/Workshops	Departments have conducted online FDPs, Guest Lectures and Workshops	
Encoruaging faculty to do Industry Certified Courses	Faculty have completed Wipro, Infosys Certified Courses	
To train the students on cutting edge technologies	Students are trained and completed certifications in Salesforce and Cloud Computing Courses	
To encourage students to do MOOC courses	Students have completed atleast one MOCC course in their course	
13.Was the AQAR placed before the statutory body?	Yes	
<ul style="list-style-type: none"> Name of the statutory body 		

Name of the statutory body	Date of meeting(s)
Academic Council	16/06/2023
14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> Year 	
Year	Date of Submission
2021-22	02/01/2023
15. Multidisciplinary / interdisciplinary	
<p>Given the dynamic shifts in technology trends, our institute has proactively embraced the integration of interdisciplinary and multidisciplinary courses as Open Electives within the R19 and R20 curriculum. In alignment with the AICTE's model curriculum, we've introduced a range of interdisciplinary courses spanning fundamental sciences, Green Buildings, Environmental Pollution and Control, Geospatial Technologies, humanities, social sciences, engineering principles, and management studies. This approach ensures a well-rounded educational experience that prepares students for modern challenges.</p> <p>Moreover, the curriculum places a strong emphasis on equipping students with cutting-edge skills. Through an array of skill development activities, our students gain extensive training in contemporary competencies that are vital for the evolving professional landscape.</p>	
16. Academic bank of credits (ABC):	
All students have successfully registered and created accounts on the ABC portal.	
17. Skill development:	
The institute has thoughtfully integrated skill-oriented and skill-advanced courses into every semester beginning from the second year, each carrying a credit value of 2. These courses are meticulously designed to center around cutting-edge technologies. Furthermore, the institute consistently promotes and supports students in	

pursuing certification courses, fostering a proactive approach toward enhancing their skill sets.

The institute has MOUS with

- Andhra Pradesh State Skill Development Centre
- ICT academy
- IUCEE
- Edu Skills
- Wipro Talent Next
- Infosys Partner College
- CTS Partner College
- Virtusa Partner College
- IDS Bharat Blockchain Network

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The institute has introduced an essential element of Indian Traditional Knowledge as a compulsory course within the curriculum. This course serves as a platform for students to delve into the significance of preserving Indian traditional wisdom within fields such as science, engineering, agriculture, and medicine. In addition, during the induction program, students are sensitized to universal human values, fostering a well-rounded approach to their education.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

In the realm of modern education, Outcome-Based Education (OBE) has emerged as a pivotal approach that places emphasis on measurable learning outcomes as the core of the educational experience. This methodology has found substantial resonance within engineering colleges, aligning closely with the evolving demands of the dynamic professional landscape. Here's an overview of the significance and benefits of adopting Outcome-Based Education within engineering institutions:

Defining Outcome-Based Education: At its essence, Outcome-Based Education shifts the focus from simply delivering content to achieving specific learning outcomes. It necessitates a clear articulation of the intended skills, knowledge, and competencies that students should acquire by the end of their educational journey. By delineating these outcomes, institutions can tailor their curriculum, teaching methodologies, and assessment strategies accordingly.

Benefits of Outcome-Based Education in Engineering Colleges:

1. **Clarity in Learning Goals:** OBE clarifies the educational objectives of the program by defining the exact skills and knowledge that students should possess upon graduation. This ensures that the learning process remains purpose-driven and relevant to the needs of the industry.
2. **Customized Curriculum:** OBE allows institutions to design a curriculum that aligns closely with the desired program outcomes. By structuring courses and activities around specific Course outcomes(CO), students gain a more holistic and practical education.
3. **Effective Teaching and Learning:** Outcome-based education encourages faculty members to adopt innovative and student-centered teaching methods that foster critical thinking, problem-solving, and hands-on application of knowledge.
4. **Measurable Assessment:** OBE calls for a shift from traditional assessment methods to more meaningful ways of evaluating students' achievements. Assessments are designed to directly measure whether students have achieved the intended outcomes.
5. **Quality Enhancement:** OBE promotes continuous improvement through a feedback loop. By analyzing data on student performance, teaching and learning practices, infrastructure, exit feedback, alumni feedback, institutions can identify areas of strength and areas that need refinement, leading to a cycle of ongoing enhancement.
6. **Industry Relevance:** Outcome-based education ensures that graduates are equipped with the skills and competencies that are directly aligned with industry requirements. This leads to better employability and success in professional careers.
7. **Transparency and Accountability:** OBE encourages transparency by clearly communicating to stakeholders, including students, parents, and employers, the specific skills and knowledge that students are expected to gain during their education.

Implementing OBE:

Transitioning to Outcome-Based Education requires a collaborative effort involving faculty members, curriculum designers, and

administrators. The process involves:

1. **Defining Course Outcomes:** Clearly articulate the skills and competencies that students should demonstrate by the end of their programs.
2. **Designing Aligned Curriculum:** Develop a curriculum that integrates courses, projects, and activities designed to achieve the identified outcomes.
3. **Student-Centered Pedagogy:** Employ teaching methods that actively engage students, foster critical thinking, and encourage self-directed learning.
4. **Performance Assessment:** Design assessments that directly measure whether students have achieved the specified learning outcomes.
5. **Feedback and Improvement:** Regularly assess student performance data, seek feedback from stakeholders, and use this information to improve curriculum and teaching strategies.

In essence, Outcome-Based Education empowers engineering colleges to produce graduates who are not only equipped with theoretical knowledge but also possess the practical skills and competencies demanded by the industry. This approach not only enhances the quality of education but also contributes to the overall growth and progress of our society.

20.Distance education/online education:

The institute has actively engaged in the realm of Massive Open Online Courses (MOOCs), particularly through NPTEL courses, since 2016. This concerted effort extends to both students and faculty members, who are strongly encouraged to participate in diverse certification courses offered by platforms such as SWAYAM and Coursera. To provide a well-rounded learning experience, students are granted the flexibility to complete two elective courses via NPTEL.

Evidencing our commitment to excellence, the institute has gained recognition as a valuable local chapter. Notably, our local chapter's performance in online certifications has been acknowledged

with ratings of A and AA during the years 2018 and 2019, respectively.

Additionally, our institute has been acknowledged as a remote center for the IIT Bombay Spoken Tutorial project. This recognition is a result of our involvement in the project, which is funded by the National Mission on Education through Information and Communication Technology (ICT). As part of this initiative, students and staff undergo comprehensive training in various courses, benefiting from the immersive Spoken Tutorial platform.

The COVID-19 pandemic posed unique challenges to education delivery. However, our institute swiftly adapted, transitioning to online education with remarkable success. Despite the unprecedented circumstances, our commitment to providing a high-quality education experience remained unwavering.

Through these initiatives, the institute continues to champion innovative and flexible learning approaches, ensuring our students and staff have access to a diverse range of educational opportunities that align with the evolving needs of the modern world.

Extended Profile

1.Programme

1.1 16

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 4851

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 926

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 1084

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 542

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 302

Number of full-time teachers during the year:

Extended Profile

1. Programme

1.1 **16**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1 **4851**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 **926**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 **1084**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3. Academic

3.1 **542**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 **302**

Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
3.3	13	
Number of sanctioned posts for the year:		
4.Institution		
4.1	698	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	92	
Total number of Classrooms and Seminar halls		
4.3	1052	
Total number of computers on campus for academic purposes		
4.4	161757207	
Total expenditure, excluding salary, during the year (INR in Lakhs):		

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Curriculum Design and Development

The Institute has a well-defined procedure to Design and developing the curriculum. The curriculum is designed carefully by addressing the recent industry-required technologies and AICTE and APACHE model curriculum. Departments conduct several brainstorming sessions on designing the curriculum. The final draft is submitted to the Board of Studies meeting which contains, Affiliated University Nominee, Outside subject experts from other

Universities, Industry Experts, Alumni, and Department Faculty.

Major Factors for Curriculum Design:

- Syllabus of various reputed Indian and International Universities
- Model curriculum prescribed by AICTE, APSCHE
- Suggestions by industry experts and alumni,
- Syllabi of various competitive exams like GATE, IES, etc,
- Course Outcomes are designed (COs) as per Bloom's Taxonomy.
- Deciding the level of Correlation of COs with POs and PSOs.
- Considering Industry needs and Technological Challenges.
- Constituting a Board of Studies (BoS) with members from Universities, Alumni and Industry

Salient Features of Current Regulations.

1. Skill Oriented Courses/Add-on Courses.

2.. Introduction of NPTEL Courses as Professional Elective.

3. Internship/Socially Relevant Project/Mini projects during 2nd 3rd years

4. Mandatory courses (Professional Ethics and Human Values, Indian Constitution, Traditional Indian Knowledge, Employability Enhancement Skills, Environmental Science and Life Skills)

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://vvitguntur.com/syllabus

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

11

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

75

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year**

74

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

16

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The institution takes a comprehensive approach to education by seamlessly integrating cross-cutting issues of paramount importance into our curriculum. These issues encompass a spectrum of vital subjects including Professional Ethics, and Human Values, Human Values-I in the induction program, and Human values-2 Understanding Harmony in the final year as a credit-based course.

By weaving these themes into our curriculum, we aim to nurture well-rounded individuals who not only excel in their respective fields but also possess a deep understanding of the ethical, social, and environmental dimensions that shape our world. This integration goes beyond traditional academic boundaries, fostering a holistic educational experience that equips our students to be responsible global citizens and leaders of positive change.

Our commitment to these cross-cutting issues reflects our recognition of the role education plays in molding not just professionals, but compassionate and ethically-minded individuals who contribute positively to society. This approach resonates deeply with our institution's ethos of holistic growth and societal impact.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

52

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above	
3000	
File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded
1.3.4 - Number of students undertaking field work/projects/ internships / student projects	
3037	
File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded
1.4 - Feedback System	
1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	B. Any 3 of the above
File Description	Documents
Provide the URL for stakeholders' feedback report	https://vvitguntur.com/feedback/curriculum-feedback
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded
1.4.2 - The feedback system of the Institution comprises the following	B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://vvitguntur.com/feedback/curriculum-feedback
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1557

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

868

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Initiatives and Implementations for improving the performance of the academically backward students:

The Institute has a state of the art mechanism for identifying academically backward students and improving their performance.

- The academically backward students are identified during the evaluation of internal exams and university exams.
- Special attention is provided to academically backward

students/slow learners in tutorial classes.

- Remedial classes are conducted for academically backward students/slow learners to improve their performance.
- The results of internal tests and university exams are informed to the parents through phone calls by the counselors and the feedback is recorded in the counseling books

Initiatives and Implementations for encouraging advanced learners:

- To encourage academic toppers - class-wise prizes are awarded during annual day celebrations.
- The final year students are encouraged to publish papers in various international journals and conferences.
- The students with more creativity are encouraged to apply for funding projects.
- The students are trained in various certification courses offered by Industry to bridge the gap between academy and Industry.
- Students are encouraged to do NPTEL, SWAYAM, and MOOC courses to learn advanced skills.
- Guest Lectures, Hackathons, and coding competitions are conducted for advanced learners.
- Minor and Honours degree courses are introduced for advanced learners

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
29/07/2021	4851	302

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-

solving methodologies are used for enhancing learning experiences:

Faculty members at VVIT use a variety of initiatives in teaching and learning, in the form of various innovative pedagogical tools. Regular workshops and guest lectures by the profound people are conducted through IEEE, ACM, and IET professional bodies. Teaching and learning activities are made more effective by adopting various innovative methods by the faculty. A few student-centric methods are listed below

- **Project/Industry Training/ Internships:** The project work stimulates the student's interest in the subject and provides the student an opportunity for freedom of thought and the free exchange of different views. As per the requirement of syllabi, the project work is done.
- **Interactive methods/Experiential Learning:** The faculty members make learning interactive with students by motivating student participation in group discussion, role-plays, subject quizzes,
- **ICT Enabled Teaching:** ICT-enabled teaching includes Wi-Fi-enabled classrooms with LCD, Language Lab, etc. The institution adopts modern pedagogy to enhance the teaching-learning process.
- **Experiential learning:** Experimental/Laboratory method is used to acquaint the students with the facts through direct experience individually.
- **Student Seminars:** The Student seminars are organized wherein the papers are presented by students on contemporary topics to enrich their learning experience.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://vvitguntur.com/images/documents/IO AC/ict/ICT Tools and e-Resources.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The Institute calendar of events is prepared well in advance before the commencement of the semester based on the University Academic Calendar. It consists of the activities planned for the semester which include internal test dates, dates to conduct the events like workshops, guest lectures, conferences, technical symposiums, sports day, etc. As per the university guidelines,

10-12 experiments are to be conducted in each lab. One or two experiments are conducted beyond the specified experiments. A laboratory manual explaining the details of the experiment, and designing issues will be available to the course teacher and are given to students at the commencement of the semester. The subject allotment is done well in advance and the faculty are asked to prepare lesson plans, course plans, soft and hard copies of the lecture notes, assignments, etc.

These methodologies include:

1. Traditional blackboard teaching
2. Powerpoint presentations using LCD projectors and 55 inches LED TVs
3. Classrooms with Internet facility
4. Video lectures
5. Collaborative learning methods (spoken tutorial lab is established in collaboration with IIT Bombay) etc.
6. NPTEL videos are also used as a teaching aid for giving more clarity on the subject.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://vvitguntur.com/images/documents/IQAC/ict/ICT_Tools_and_e-Resources.pdf
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

302

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Preparation and Adherence of Academic Calendar: The institution prepares the academic calendar every year in advance. The coverage of the academic calendar covers the commencement of classes, the list of examination dates, etc. Then the senior faculty prepare the timetable by correlating the working days available and coverage of the curriculum of the subjects. Thus the academic calendar monitors the effective delivery of the program with academic inputs.

Preparation and Adherence of Teaching Plan: The concerned faculty prepare a teaching plan for their respective subjects for 60 - 70 hours. These hours are distributed among classroom teaching, tutorial classes, role play, workshops, and lab sessions as per the subject requirements. These plans are made in advance and serve as a guide for conducting classes. The HODs check the progress of each course by taking syllabus coverage twice per semester and ensure timely and effective completion of a course in the specified time frame with the perfect blend of practical and theoretical inputs.

File Description

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

302

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

75

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

15

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

30

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

- Examination Management System (EMS) services are available to integrate all the activities in the examination branch. The pre and post-examination activities are integrated, starting with examination notification, generation of timetables, list of eligible students to generate hall tickets based on the attendance and generation of the database for the preprinted OMR answer booklets, seating arrangements in the examination halls, invigilation duties, D-forms during examinations are generated with it. The internal continuous assessment marks are also uploaded in the database of EMS and will be integrated with end-semester marks at the time of results processing.
- The Institute is using the OMR technology for the printing of preprinted bar-coded answer booklets thereby avoiding manual coding of answer booklets, scanning the marks slips and processing the results, and printing the reports and certificates.
- Complete automation of the examination process helps in the successful execution of examination processes such as monitoring of examination fee payment, examination schedule, seating arrangement, attendance monitoring, coding and

decoding of scripts, marks data entry, and preparation of program-wise results.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	NIL

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Course outcomes and CO-PO mapping for all courses are included in the syllabus description and the same is communicated to the students at the beginning of the academic year. The course structure, syllabus, course outcomes, and CO-PO mapping are displayed on the website with the following links:

<https://vvitguntur.com/syllabus>

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://vvitguntur.com/syllabus

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Assessment Processes & Tools Used:

- To evaluate the attainment of COs, the following tools are used.
- Direct Assessment Tools
 - Internal Exams/CIE
 - Descriptive
 - Assignment
 - Objective online tests
 - Labs
 - Seminars
 - University Semester End Examinations
 - External Lab Examinations

- Indirect Assessment Tool (Course-End survey)

Table 3.2.1.1. List of assessment tools used for measuring CO.

S.No.

Name of the Assessment tool

Weightage

Frequency of data collection

1

Direct assessment

CIE

80%

End of semester

University

End of semester

2

Indirect assessment

Course-End survey

20%

End of semester

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vvitguntur.com/images/documents/IQAC/VVIT_CO_PO_Attainment_Manual.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

926

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://vvitguntur.com/aca-examcell/latest-results/autonomous

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

<https://vvitguntur.com/student-satisfaction-survey>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The Institute frequently updates its well-defined research policy to promote research culture in the faculty and students.

a) Research and Development

- Research and Development are the backbones of any forward-looking educational organization. Creating an environment

that fosters Research and Development is imperative for every organization.

b) Consultancy Projects

- The process of accepting consultancy work by the faculty members is incentivized by setting aside 50 % of the total cost of the project as a reward for the key faculty members involved in the work.

c) Paper Publishing in Standard Journal

- The research work taken up by the faculty members attains value only when it draws attention from the research ecosystem around. Faculty members who publish their work in such journals are given a reward of Rs 3000/-

d) Paper Publishing in Standard Conferences:

- As a policy, the college encourages the faculty members to participate in both National and International conferences organized by prestigious organizations and present their research papers. Towards the Conference fee, TA, and DA, a maximum of Rs 5000/- is granted.

e) Incentives for Professional Societies

- The college supports the faculty members by reimbursing the fee paid to at least two professional bodies or institutions.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://vvitguntur.com/images/documents/RD/ResearchPromotionPolicy_VVIT.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

1

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research**3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)**

14,80,282

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

2

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vvitguntur.com/departments/r-d/research-projects
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

14

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.aicte-india.org/
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institute has created an ecosystem for innovations and creation and transfer of knowledge supported by Entrepreneur cell/

Entrepreneurship is increasingly recognized as an important driver of economic growth of any country. Even our government thoroughly highlighted the importance of entrepreneurship and has introduced programs like "Make in India" and "Start-up India".

Objectives of Entrepreneurship Development cell

- To create awareness on entrepreneurship among the students.
- To inculcate entrepreneurial spirit and culture among the Engineering & Technology graduates.
- To organize Know-How sharing workshops with existing entrepreneurs
- To organize skill development training programs on latest/updated technology or innovations.
- To promote startup initiatives among students of VVIT.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vvitguntur.com/facilities/edc/mhrd-iiic

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

2

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

D. Any 1 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

9

File Description	Documents
URL to the research page on HEI website	https://vvitguntur.com/departments/r-d/research-centers
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

0.34

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

0.03

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

292

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

30

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	No File Uploaded
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The Institute Conducts several extension activities through NSS and NCC

NCC, NSS and other Clubs: The Institution has been organizing various extracurricular activities in the name of NSS, NCC for the overall development of the students.

NSS: The College is having NSS conducting various programs like Swachh Bharat, Blood donation camp etc. Interested college students will enroll their details with NSS Coordinator. The NSS volunteers will participate in various societal activities as follows for

past 3 assessment years.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vvitguntur.com/campus-life/nss/nss-events

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

0

File Description	Documents
Number of awards for extension activities in during the year	No File Uploaded
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

22

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

50

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

2568

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

8

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

VVIT by its vision and mission always thrives to ensure the availability of de facto industry standard equipment and cutting-edge technological infrastructure in the institution for optimal utilization by the students. The procurement of all sorts of equipment from the bell pin to the 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 in 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 into the stock register. IQAC during the Audit will verify the stock and its condition frequently and reports to the Head of the Institution. At the end of every financial year stock verification is also done by the college office. • A transparent, fool-proof, and swift online process is maintained along with a manual process for repairs, replacements, relocations, and repurchases of equipment regularly using upkeep software.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vvitguntur.com/igac-infrastructure-photos

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

Cultural:

The Institute has provided a number of facilities for supporting extracurricular activities related to culture, creativity, arts, and recreation. Weekly club hours are included in the timetable itself. The Institute will encourage students to participate in various college level, state level, and national level competitions by providing financial support. Every Year conducts several competitions on the eve of the cultural fest and Conducts Theatre day to enhance the hidden skills of students.

Sports and Games:

The Physical Education Department of VVIT has been established in the year 2007. It took the responsibility not only to provide the necessary infrastructure that helps the students to inculcate good habits of playing games.

1. The college had earmarked five acres of land for Outdoor games namely: Cricket, Volley Ball, Basket Ball, Ball Badminton, Throw Ball, Tennycoit, and Foot Ball.
2. The college is provided with Indoor games, Gymnasium and accommodates the indoor games like Table Tennis, Caroms, Chess, etc.,
3. The institution provides indoor game facilities for Table

Tennis, Shuttle, and Badminton.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	https://vvitguntur.com/campus-life/clubs/theatre-club

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

55

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

157504137

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

The College has a well-equipped computerized library with a large collection of books under the categories of academics, reference, and general. all the books are bar-coded and indexed using the latest library management software. the library also contains national and International Journals and magazine subscriptions.

The book collection ranges from literary classics to management guide and from career counselling to technical reviews.

1. The Digital library is equipped with the followinge-journals.

- <http://ieeexplore.ieee.org>
- <http://asmedl.org>
- <http://accessengineeringlibrary.com>
- <http://www.sciencedirect.com>
- <http://search.ebscohost.com>

2. Video course online

- NPTEL <http://nptel.iitm.ac.in/>
- MIT Open course <http://ocw.mit.edu/index.htm>
- EduSat-<https://www.itschool.gov.in/edusat.php>
- SWAYAM courses

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://vvitguntur.com/facilities/central-library

**4.2.2 - Institution has access to the following:
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources**

B. Any 3 of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

4791170

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

230

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Yes, the Institute has an IT policy covering all major areas like Wi-Fi, cyber security, etc. which is updated or amended whenever required as per the need of the institute. Institution tries to upgrade IT facilities as per the requirement of regulatory norms as well as industry.

The IT Policy of the college covers relevant ethical aspects of internet use on the campus and instructs all stakeholders on how the network facilities of the college may be used in accordance with the existing laws and regulations of the nation. Users of network facilities on the campus are required to agree not to use the same for illegal or unethical activities. They are also required to refrain from any activities resulting in compromising the data security and integrity of the cyberinfrastructure of the institution. The policy is regularly revised and the latest version is available on the college website. Any monetary or other damage arising from not following the rules stipulated in the policy will be deemed as the liability of the user responsible for the same.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vvitguntur.com/images/documents/VV_IT_MAINTENANCE.pdf
4.3.2 - Student - Computer ratio	
Number of Students	Number of Computers
4852	1052
File Description	Documents
Upload any additional information	View File
4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. 50 Mbps
File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File
4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	C. Any two of the above
File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://web.microsoftstream.com/studio/videos
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)**

74964595

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

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.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vvitguntur.com/images/documents/VVIT_MAINTENANCE.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support**5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year**

3138

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

1100

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	www.vvitguntur.com
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

692

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

D. Any 1 of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

692

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

73

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

81

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

4

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

SAC

(VVIT STUDENT ACTIVITIES 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.

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.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://vvitguntur.com/campus-life/sac/about-sac

5.3.3 - Number of sports and cultural events / competitions organised by the institution

0

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

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

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://vvitguntur.com/alumni-igac

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 - Institutional Vision and Leadership**

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Vision

To impart quality education through exploration and experimentation and generate socially-conscious engineers, embedding ethics and values, for the advancement in science and technology. Mission

- To educate students with a practical approach to dovetail them to industry-needs.
- To govern the institution with a proactive and professional management with passionate teaching faculty.
- To provide holistic and integrated education and achieve over all development of students by imparting scientific and technical, social and cognitive, managerial and organizational skills.
- To compete with the best and be the most preferred institution of the studios and the scholarly.
- To forge strong relationships and linkage with the industry.

Objectives

- Equip the institute with state-of-the-art infrastructure comparable to the best in the industry.
- Tap the resources of the best minds in the field as faculty and visiting faculty.
- Groom students to become global entrepreneurs and responsible citizens.
- Provide financial assistance to meritorious students.
- Requisition the services of the best HR managers to place our students in reputed industries.
- Provide conducive atmosphere to the faculty for Research & Development and ensure active participation of the students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://vvitguntur.com/about/vision

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Vasireddy Venkatadri Institute of Technology is governed by the Social Educational Trust (Indian Trust Act 214/2006). VVIT Active Management - Mr Vasireddy VidyaSagar as its Chairman and Mr Surya Devara Badari Prasad as its Secretary - hereafter referred to as "Management" works hard to keep the momentum in all the activities of learning and implementation of result oriented programs that bring excellence and quality in teaching-learning processes in professional institutions.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	https://vvitguntur.com/about/committees/statutory-committees/122-autonomous

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The institution has well designed strategic plan

Admission of Students:

1. To improve the quality of Admissions

Industry Interaction / Collaboration:

1. College has signed MOUs with various organizations for the benefit of students.

2. Regular Industrial Visits are to be conducted for students to enhance their technical skills.

3. Guest lectures are to be organized f

Human Resource Management

1. Orientation classes were conducted for new faculty members.
2. Annual assessment of faculty is done through self-appraisal forms.
3. Faculty are encouraged and sponsored to participate in FDP, workshops, Refresher courses organized by other Institutions, Universities.
4. Provident Fund is given to the faculty.
5. Annual Increments and yearly twice DA increments are given to faculty as per the norms of Institution.

Library, ICT and Physical Infrastructure

1. Institutional membership with DELNET which connects all libraries of technical institutions approved by AICTE in the country.
2. Wi-Fi connectivity is available in the Institution.

Research and Development

1. Motivated students and staff to publish research papers in peer-reviewed journals.
2. Institution received two sponsored research projects in this academic year.
3. Motivated faculty by giving incentives like conference registration fee.
4. Conducted FDPs in recent topics

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://vvitguntur.com/about/strengths
Upload any additional information	View File

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from

the policies, administrative set-up, appointment and service rules, procedures, etc.

The functioning of the various institutional bodies is described, and policies, administrative set-up, and service rules and procedures are clearly defined and displayed on the website.

File Description	Documents
Paste link to Organogram on the institution webpage	https://vvitguntur.com/about/committees/non-statutory-committees
Upload any additional information	No File Uploaded
Paste link for additional Information	https://vvitguntur.com/about/committees/non-statutory-committees

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

C. Any two of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Teachers: 1. Maternity and Medical leaves are sanctioned for the required staff. 2. EPF facility. 3. Providing Personal loans From Faculty Welfare fund. 4. Advance sanction from salary to the needy staff. 5. Financial assistance to attend International Conferences/Workshops/FDPs/6. Special casual leaves are sanctioned for attending conferences and workshops. 7. Increments after getting Ph.D 8. Subsidized working lunch for the entire faculty. 9. 50% discount in Tution fee for all the children of teaching faculty. 10. No transportation fees for faculty in college buses.

Non-Teaching: 1. Subsidized working lunch for all the staff 2. 50 discount in Tution fee for all the children of staff. 3. Initiated the action plan for collecting land for the proposed staff gated community flats. 4. Maternity and Medical leaves are sanctioned for the required staff. 5. EPF facility. 6. Providing Personal loans From Faculty Welfare fund. 8. Advance sanction

Students: 1. Dispensary in college campus 2. Group Insurance for the students travelling in college bus. 3. Giving scholarships for poor and merit students from the management. 4. Financial assistance to participate in sports at International level. 5. Financial Assistance to carryout project work. 6. Financial Assistance to implement innovative ideas to develop

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vvitguntur.com/images/documents/IOAC/sws/staff_welfare_schemes.pdf

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

120

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

6

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

120

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Institution conducts internal and External audits on a regular basis

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://vvitguntur.com/academic-audic-council

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	No File Uploaded
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The institution runs under Social Education Trust. The Institution forwards its budget proposals to the Governing body to get approval from Social Education Trust. No developmental activity on the campus has ever been delayed for want of funds. The social Education Trust has been extending all the necessary financial support to the institution since its inception.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	NIL

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

IQAC has contributed significantly for institutionalising quality assurance strategies and processes visible in terms of incremental improvements made during the years and some of the achievements after post accreditation are:

1. UGC has recognized the institution as Autonomous
2. All Programmes are accredited by NBA
3. JNTUK has given permanent affiliation
4. Established incubation centers like Siemens CoE, Google Code Lab, Dassault Lab

5. Introduced new courses AIML,AIDS,IoT,IoTCSBS

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vvitguntur.com/igac

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed. Admission to various programmes, examination schedule a are notified in the Academic Calendar. All newly admitted students have to compulsorily attend the Orientation Programme, in which they are made aware of the uniqueness of the Education system, the teachinglearning process, the system of continuous evaluation, compulsory core courses, various cocurricular activities, discipline and culture of the Institute. All students are also given a guided tour of the campus and the various facilities. All students are provided with the Student Diary that provides all details relevant for students. Students are apprised of the Time-Table, Programme structure, syllabi of the courses before the semester commences. Attendance and conduct of classes are monitored by the HODs and teachers of various classes. The Discipline Committee members make random visits to ensure smooth functioning of classes. Class Committees are regularly conducted with students to take feedback and appropriate steps are taken to enhance the teaching-learning process. Feedback from students is also taken individually by teachers for their respective courses, directly through IQAC. Students are also free to approach the Director of the Institute for feedback and suggestions. Feedback is properly analyzed and shared with the Deans, HODs and individual faculty members. The teaching-learning processes are reviewed, and improvements implemented, based on the IQAC recommendations. The major initiatives taken over the last five years include the following:

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://vvitguntur.com/iqac-minutes

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

B. Any 3 of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://vvitguntur.com/agar
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

VVIT Since its inception, never encourages discrimination related to any issues. It believes in equality. All the boys and girls students are taught issues related to gender equality and sexual harassment in the orientation itself. During the orientation, eminent people from different backgrounds are called to induce ethical, moral and social values apart from educating them towards their goals.

The College is always in the forefront in sensitizing students related to social responsibility and reacts to the events that are happening in and around. In this regard role plays, dramas, flash

mobs, debates and group discussions are conducted.

Gender equality is promoted at every level of admissions, recruitment and promotion both at administrative and academic levels. Girl students outnumber the boys in admissions.

Measures Initiated:

100 girl students and 50 boy are enrolled every year for NCC. There are two trained Associate NCC Officers both for boys and girls. Lady ANO takes care of the girls wing Girls are excelling in firing, the s sink camp, mountaineering, RDC and other adventurous activities. These cadets are involved in social services activities like Swatch Bharath, Fit India, Yoga and programmes initiated by Government of India.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	NIL

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Waste Management and sustainable green campus

Vasireddy Venkatadri Institute of Technology, Guntur, Ap has a Standard Operating Procedure for managing produced waste. The concept of green campus to improve the efficiency of waste management needs to be supported by various parties.

Scope of the Policy

The policies developed for the conservation and management of the environmental resources signify one of the quality initiatives adopted by the college in ensuring the vision statement of the institution

The Green Campus, Energy and Environment Policies will develop exciting new co-curricular and extracurricular practices that encourage students to take the lead in creating positive change. These initiatives call for a thorough review of all infrastructural, administrative functions from the standpoints of energy efficiency, sustainability and the environment.

The focus areas of this policy are:

? Clean Campus Initiatives

? Landscaping Initiatives

? Clean Air Initiatives

- Smoking Free Campus

? Infrastructure

- Solar Power Plant
- Installation of Energy Efficiency Equipment
- Water Conservation through Rainwater Harvesting System

? Waste Management processes

- Solid Waste Management
- Liquid Waste Management
- E-Waste Management

? Awareness Initiatives

? Environment-centric Student Societies and Department Activities

? Green Audit

? Energy Audit

? Plastic-Free Campus

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File
7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	D. Any 1 of the above
File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1.Restricted entry of automobiles 2.Use of bicycles/ Battery-powered vehicles 3.Pedestrian-friendly pathways 4.Ban on use of plastic 5.Landscaping	C. Any 2 of the above
File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy undertaken by the institution	

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	<p>D. Any 1 of the above</p>										
<table border="1"> <thead> <tr> <th data-bbox="86 696 539 757">File Description</th> <th data-bbox="539 696 1445 757">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 757 539 898">Reports on environment and energy audits submitted by the auditing agency</td> <td data-bbox="539 757 1445 898" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="86 898 539 1003">Certification by the auditing agency</td> <td data-bbox="539 898 1445 1003" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="86 1003 539 1108">Certificates of the awards received</td> <td data-bbox="539 1003 1445 1108" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="86 1108 539 1176">Any other relevant information</td> <td data-bbox="539 1108 1445 1176" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Reports on environment and energy audits submitted by the auditing agency	View File	Certification by the auditing agency	No File Uploaded	Certificates of the awards received	No File Uploaded	Any other relevant information	View File	
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Certificates of the awards received	No File Uploaded										
Any other relevant information	View File										
<p>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</p>	<p>C. Any 2 of the above</p>										

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

The Institute is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education, economic upliftment of the needy, and setting communal harmony.

Unnat Bharat Abhiyaan (Under Ministry of HRD)-Adopted 5 villages in the Guntur region to conduct activities for their socio-economic development. Institute has conducted lectures in these villages for increasing their environmental and ethical awareness. Institute has also tested the quality of drinking water available in these villages. Institute sponsored LED street lights to Gollamudi village, and computers to Chiluvuru Sachivalayam. VVIT organizes extension activities in Nambur, Gollamudi, Uppalapadu, Chiluvuru, and Thummapudi govt schools as a part of Education Social Responsibility. The extension activities are targeted toward enabling a holistic environment for student development. Blanket Distribution to needy people has been conducted in the area of Guntur to raise socio-economic upliftment. Classes for children of workers were conducted by Engineering students to educate them. Institute established BCDE (Board of Community Development through Education) to bring social responsibility among the students. With this, the students are trying to do mini projects after the survey in adopted villages. The Institute has also donated needy things to orphan centers like DON BOSCO Prem Nivas, Karunalayam child home

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

Constitution day: Constitution Day is celebrated on 26th November every year. The program initiates with a Preamble reading of the constitution followed by lectures on the sensitization of students on responsibility towards the constitutional values, rights, duties, and responsibilities of citizens. Students are encouraged to participate in activities like essay competitions on related themes. viz. 'Economic Thoughts of Dr. B. R. Ambedkar'. Celebration of National Days Every year Institute celebrates Republic Day, and Independence day on January 26, and August 15 respectively. The celebration is attended by Students, Teaching and Non-teaching Staff, Invitees, guests, and any attendees. Flag hosting with the National anthem and oath of national integrity followed by distribution of sweets is the regular decorum of the program. Blood Donation Every year institute organizes a blood donation camp at General Hospital and/or Rotary Club. The students are sensitized to the importance of the activity and are encouraged to participate in saving the lives of citizens of India. Road Safety Rally The students are encouraged to participate in the activities of spreading awareness among citizens on social issues like road safety.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution

C. Any 2 of the above

organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution celebrates / organizes national and international commemorative days, events and festivals

1. Independence Day

2. Teachers Day

3. Engineers Day

4. Womens Day

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

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

File Description	Documents
Best practices in the Institutional website	https://www.vvitguntur.com/images/documents/VVIT_BEST_PRACTICES.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

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.
- NCC has two Units for boys and girls to provide services to the society
- 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,

File Description	Documents
Appropriate link in the institutional website	https://www.vvitguntur.com/images/documents/VVIT_INSTITUTIONAL_DISTINCTIVENESS.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Plan of Action for the academic year 2022-23

1. To Improve pay packages in Placements
2. To get NBA Accreditation for ECE and IT departments second time
3. To Improve research and consultancy work
4. To get good NIRF ranking
5. To get more funded projects