



## YEARLY STATUS REPORT - 2023-2024

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>		Vellore Institute of Technology
• Name of the Head of the institution	Dr. V. S. Kanchana Bhaaskaran	
• Designation	Vice Chancellor	
• Does the institution function from its own campus?	Yes	
• Phone no./Alternate phone no.	04162249720	
• Mobile no	7358782584	
• Registered e-mail	iis@vit.ac.in	
• Alternate e-mail address	registrar@vit.ac.in	
• City/Town	Vellore	
• State/UT	Tamil Nadu	
• Pin Code	632014	
<b>2.Institutional status</b>		
• University	Deemed	
• Type of Institution	Co-education	
• Location	Semi-Urban	
• Name of the IQAC Co-ordinator/Director	Dr. Kuppan P	

• Phone no./Alternate phone no	04162202872
• Mobile	9443628085
• IQAC e-mail address	director.dqaa@vit.ac.in
• Alternate Email address	dydirector.dqaa@vit.ac.in
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://vit.ac.in/files/AQAR/AQAR-2022-2023.pdf">https://vit.ac.in/files/AQAR/AQAR-2022-2023.pdf</a>
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://vit.ac.in/academics/home">https://vit.ac.in/academics/home</a>

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	77.9	2003	16/09/2003	15/09/2008
Cycle 2	A	3.25	2009	29/01/2009	30/01/2014
Cycle 3	A	3.42	2015	03/03/2015	30/08/2021
Cycle 4	A++	3.66	2021	31/08/2021	30/08/2028

**6.Date of Establishment of IQAC**

09/03/2007

**7.Provide the list of Special Status conferred 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
Centre for Nanotechnology Research	FIST	DST	2022 (5 Years)	6375000
Centre for Innovative Manufacturing Research	FIST	DST	2022 (5 Years)	6750000
Department of Control and Automation	FIST	DST	2023 (5 Years)	5775000

Department of Mathematics	FIST	DST	2023 (5 Years)	20100000
School of Mechanical Engineering	FIST	DST	2022 (5 Years)	9000000
School of Electronics Engineering	FIST	DST	2022 (5 Years)	6750000
School of Computer Science and Engineering	FIST	DST	2022 (2 Years)	4800000
School of Bio Sciences & Technology	BIRAC	DBT	2023 (2 Year)	2733000
Centre for Nano Biotechnology	ICMR	ICMR	2023 (3 Year)	3079000
School of Electrical Engineering	CSIR	CSIR	2024 (2 Year)	1890000
VIT School of Agricultural Innovations And Advanced Learning	PMKSY	ICSSR	2023 (6 month)	1450000
<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>			
<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>			
<b>9.No. of IQAC meetings held during the year</b>	<b>4</b>			
<ul style="list-style-type: none"> <li>The minutes of IQAC meeting and compliance to the decisions have been</li> </ul>	<b>Yes</b>			

<p>uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)</p>	
<ul style="list-style-type: none"> <li>(Please upload, minutes of meetings and action taken report)</li> </ul>	<p><a href="#">View File</a></p>
<p><b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b></p>	<p>No</p>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	<p>Nil</p>
<p><b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b></p>	
<p>1. B.Sc. (Hons.) Agriculture program has been accredited by Indian Council for Agricultural Research (ICAR) on 21st February 2024 2. Organised seminars/workshops on Quality themes 3. Conduct of Internal Academic and Administrative Audit 4. Strengthening of online portal (IQAC Portal) for data collection from faculty members and academic units. 5. Laboratories attached to School of Electronics Engineering, School of Advance Sciences, School of Bio Sciences and Technology, Centre for Nanotechnology Research, Centre for Biomaterials, Cellular and Molecular Theranostics have been accredited by NABL. 6. Conducted VIT Quality Week on the theme "Quality Conscience - Doing the Right Thing", to raise awareness on quality assurance, sustenance and enrichment initiatives. 7. Improvement in rankings by various agencies in 2024: Ranked 10th in University Category, 13th in Research Category, 11th in Engineering Category and 19th in Overall Category in 2024 NIRF Ranking. Ranked within 791 - 800 in QS world University Ranking 2025. Ranked in the bracket of 501-600 in Shanghai Academic Ranking of World Universities 2024.</p>	
<p><b>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b></p>	

Plan of Action	Achievements/Outcomes
Effective implementation of Outcome based Teaching-Learning and Evaluation	Two Training Programmes on Outcome based Teaching-Learning and Evaluation was conducted on 17-11-2023 & 14-12-2023
Preparation for programme accreditations	Pre-qualifier was prepared for 4 B.Tech programmes (Chemical, EEE, E&I & Mechanical Engineering)
NABL certification of potential testing labs	Testing facilities in Six laboratories have secured NABL accreditation • Communication Engineering Testing Laboratory • Centre For Biomaterials Cellular and Molecular Theranostics Testing Laboratories (CBCMTL) • Centre For Nanotechnology Research Laboratory • School Of Advanced Sciences Testing Laboratory • School Of Bio Sciences And Technology Laboratory • Centre For Innovative Manufacturing Research Laboratory
Follow up with the offices concerned for implementation of NAAC PTV suggestions	1. All faculty members in a school are involved in curriculum design and syllabus framing as well as evaluation process 2. Pre-qualifier was prepared for 4 B.Tech programmes (Chemical, EEE, E&I & Mechanical Engineering)
International Webinar Series on "Quality Assurance and Accreditation in HEIs	International Webinar Series on "Big Q" and "Small q" Quality : A Taxonomy for Assuring Academic Quality, Standards, and Integrity in Online Learning" was conducted on 28-07-2023 with 126 Participants (Dr. Dawn Gilmore ,Academic Director ,College of Business and Law, RMIT University, Australia)

Collaborative seminars	One Day Collaborative workshop with Anna University, Chennai on "Accreditation and Academic Excellence" was conducted on 21-07-2023 for HEIs located in and around Kanchipuram & Chennai districts with 37 participants from 24 colleges				
Capacity development programme for IQAC Coordinators	One Day workshop on "Data Validation & Verification in VIT - IQAC Portal" was conducted on 13-02-2024				
Academic and Administrative Audit	Internal Academic and Administrative Audit was conducted from 11th to 15th September 2023				
Preparation of AQAR and Annual Report	AQAR 23-24 and Annual report 23-24 has been prepared				
VIT IQAC Student Wing	The students are actively involved in the conduct of Quality week				
Quality Week	VIT Quality Week was organised from 4th to 8th March 2024 on the theme				
<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>				
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>					
<table border="1"> <thead> <tr> <th>Name</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td><b>IQAC Meeting (by circulation)</b></td> <td><b>20/01/2025</b></td> </tr> </tbody> </table>		Name	Date of meeting(s)	<b>IQAC Meeting (by circulation)</b>	<b>20/01/2025</b>
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<b>IQAC Meeting (by circulation)</b>	<b>20/01/2025</b>				
<b>14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?</b>	<b>No</b>				
<b>15. Whether institutional data submitted to AISHE</b>					

Year	Date of Submission
2023	15/04/2024

### 16. Multidisciplinary / interdisciplinary

The institution has made significant progress in implementing the vision of the National Education Policy (NEP), which is to deliver high quality education to develop human resources in our nation as global citizens. The core NEP principles, including variety for all curricula, pedagogy with technology advancements in teaching and learning, supporting rational decision-making & innovation and critical thinking and creativity, were discussed among the faculty members for implementation. In context of the NEP, the institution has launched new interdisciplinary centres that integrate many departments in addition to the inter/multidisciplinary research and academics that are already in place. Courses in the multidisciplinary and interdisciplinary fields have been added as open electives to academic programmes. Every programme is created to give students as much autonomy as possible when selecting open electives from other programmes.

### 17. Academic bank of credits (ABC):

The institution has registered in the Academic Bank of Credits portal.

### 18. Skill development:

The laboratory components of the courses and the six required courses in soft skills directly contribute to the development of skills. Many courses were developed and offered to the students with an emphasis on employability, entrepreneurship, or skill development in the last five years. This is done in recognition of the necessity and importance of developing skills among students and producing a large amount of work-ready manpower. By integrating classroom-based formal education and training with experience-sharing from industry practitioners and internships in business establishments, university seeks to deliver high-quality vocational education. The goal is to create a new league of employable graduates, with an emphasis on integrated knowledge acquisition and improving human capability, in order to conform with the National Skills Qualification Framework (NSQF) of the Government of India and the requirements of Industry 4.0. With the active involvement of the students, VIT established the Centre for Sustainable Rural Development and Research Studies (CSRDRS) to fulfil its social responsibility by delivering better and effective services for the development of its neighbouring community.

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

VIT offers an opportunity to learn variety of Indian languages, including Tamil, Telugu, Malayalam, Kannada, Hindi, Bengali, and Marathi. To enhance the knowledge on the Indian Languages, VIT has a multitude of literary associations. Additionally, these associations host several activities on campus, including festivals, cultural events, writing and speaking contests, and competitions that cover many facets of the languages. Through these activities, the students are exposed to various cultural facets of India and its traditions. VIT offers a course on Essence of Traditional Knowledge and Indian Constitution to all undergraduate students.

**20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

Vellore Institute of Technology has been following outcome based teaching learning process since the year 2007 and got its first set of programs accredited by ABET in 2010. All programs offered have a set of Program Outcomes (PO) which ensures the attainment of graduate attributes. The programs also have Program Specific Outcomes (PSO), which address the program specific requirements. At the course level, all courses of the program have well-defined set of course outcomes. The course outcomes are formulated during the syllabus design stage and they address the higher order thinking capabilities. The instruments used for evaluating the students' performance, including assignments, quizzes, individual questions of continuous assessment tests and final assessment tests are mapped to specific Course Outcomes. This enables the precise quantitative evaluation of attainment of course outcomes and program outcomes, based on students' performance. The process of calculating the attainment of Course Outcomes has been automated to facilitate the faculty members and to improve the teaching-learning process.

**21.Distance education/online education:**

VIT has established an online learning platform (VITOL) equipped with world-class studio which was inaugurated in 2019, with an objective to provide MOOC courses with exceptional learning experience through cutting edge technologies. VIT has obtained approval from UGC and AICTE for offering Online BBA, BCA, B.Com, M.Sc (Data Science), MBA, and MCA programmes and Vocational skill development program. Bachelor of Vocational (B.Voc) in Mechatronics, Tool Engineering courses is offered in Hybrid mode as per National Skill Qualification Framework (NSQF).

**Extended Profile**



**1.Programme**1.1 93

Number of programmes offered during the year:

File Description	Documents
Data Template	<a href="#">View File</a>

1.2 19

Number of departments offering academic programmes

**2.Student**2.1 54245

Number of students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

2.2 11312

Number of outgoing / final year students during the year:

File Description	Documents
Data Template	<a href="#">View File</a>

2.3 54779

Number of students appeared in the University examination during the year

File Description	Documents
Data Template	<a href="#">View File</a>

2.4 92

Number of revaluation applications during the year

**3.Academic**3.1 3930

Number of courses in all Programmes during the year

File Description	Documents
Data Template	<a href="#">View File</a>

3.2

2783

Number of full time teachers during the year

File Description	Documents
Data Template	<a href="#">View File</a>

3.3

2783

Number of sanctioned posts during the year

File Description	Documents
Data Template	<a href="#">View File</a>

**4.Institution**

4.1

268184

Number of eligible applications received for admissions to all the Programmes during the year

File Description	Documents
Data Template	<a href="#">View File</a>

4.2

7125

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of programmes offered during the year:	<b>93</b>
File Description	Documents
Data Template	<a href="#">View File</a>
1.2 Number of departments offering academic programmes	<b>19</b>
<b>2.Student</b>	
2.1 Number of students during the year	<b>54245</b>
File Description	Documents
Data Template	<a href="#">View File</a>
2.2 Number of outgoing / final year students during the year:	<b>11312</b>
File Description	Documents
Data Template	<a href="#">View File</a>
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File Description	Documents
Data Template	<a href="#">View File</a>
2.4 Number of revaluation applications during the year	<b>92</b>
<b>3.Academic</b>	
3.1	<b>3930</b>

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File Description	Documents					
Data Template	<a href="#">View File</a>					
4.3	Total number of classrooms and seminar halls	565				
4.4	Total number of computers in the campus for academic purpose	13719				

4.5	116411
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 is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The curriculum of all programmes is developed in accordance to the Programme Educational Objectives (PEO) and Programme Outcomes (PO). The process of developing the curriculum and the course content takes into consideration the feedback from different stakeholders, including academic and industrial experts, and ensures that it has relevance to the local, regional, national and global developmental needs.

#### Local and regional developmental needs

There are several courses in different programmes which enable students to analyse the local and regional needs and provide solution based on their engineering / science / management / law knowledge acquired. Substantial field work in the surrounding villages paves way for the analysis of physical and socioeconomic factors that influence the development and future growth of the city (eg. Course on Urban transformation, Rural studio).

#### National and global developmental needs

VIT has introduced several new programmes in the areas of VLSI, Smart-mobility, E-vehicles, Internet of Things, Data Science, Data Analytics, Cyber Security, Artificial Intelligence and Machine Learning, Cyber Physical Systems and others. Additionally, several courses offered are aimed at enhancing the technical and entrepreneurship skills of the students, in sync with Start-up India policy. Aligned with the Digital India mission, courses related to computer programming are made compulsory for all programmes.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**1.1.2 - Number of Programmes where syllabus revision was carried out during the year****13**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year****1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year****3874**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**1.2 - Academic Flexibility****1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year****1843**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year****93**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The Institute ensures integration of relevant cross cutting scientific advancements in the curriculum of all the programmes offered. VIT encourages activities related to peer and group learning which provides cross-cultural ambience, and addresses the cross-cutting issues related to Gender and Values.

#### Gender

Course on 'Gender, Culture and Technology' addresses the issues related to gender. As part of the Ethics and Values courses, students are required to address the issues related to women empowerment, female foeticide prevention, child abuse, responsible living and others.

#### Environment and Sustainability

Environmental Science is a mandatory course in all the undergraduate programmes. Students are involved in green auditing of the campus and keep track of carbon footprint of the campus.

#### Human Values and Professional Ethics

Course on Ethics and Values is mandatory for all the undergraduate students. In addition to this, other courses such as Bioethics, Corporate Ethics, Business ethics, Media Ethics are incorporated in the curriculum of relevant programmes. VIT has made the participation of students in extra-curricular activity as a mandatory requirement for graduation. In general, participation in these extra-curricular activities promotes gender equity, personal social responsibility and enables the students to face the challenges in the future workplace, as these mould them to be holistic individuals.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

100

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

#### 1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

39963

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 1.3.4 - Number of students undertaking field projects / research projects / internships during the year

30098

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 1.4 - Feedback System

### 1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

- All 4 of the above



File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 1.4.2 - Feedback processes of the institution may be classified as follows

- Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

##### 2.1.1 - Demand Ratio

##### 2.1.1.1 - Number of seats available during the year

13715

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

##### 2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

##### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

7125

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

#### 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

The performance of the students is assessed through a series of Continuous Assessment Tests (CAT), Digital Assignments and Quizzes

followed by a Final Assessment Test (FAT). Based on the marks scored in the assessments, special initiatives are taken by the course handling faculty members to address the slow learners and advanced learners.

Slow learners are identified from the CAT exams conducted and a follow-up action is taken in the form of remedial/special classes, tutorials, and assignments to equip the students for the subsequent CAT / FAT as applicable. Similarly, course handling faculty members encourage the advanced learners to participate in various X-Thons activities, to solve challenging problems and to develop a prototype or model related to the course. University also provides opportunities for the students to pursue Minor or Honours credential which requires additional 18-20 credits more than the curriculum requirement. The institute also facilitates research at the undergraduate level and enables students to earn credits through various project type courses. While admission to various programmes, students communication skills are assessed using English Proficiency Test. Based on the performance of the students, they are allotted with non-graded bridge course or credit course.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link For Additional Information	Nil

### 2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
54245	2783

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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

**Participatory Learning: Active Learning Methods (ALMs) like Group Discussions, Workshops, Assignments, Technical clubs, Hackathon**

etc. ensures the Participatory Learning of students.

**Experiential Learning:** Most of the core courses have a regular laboratory course associated with it to enable practical exposure to the students. Exclusive project type courses namely, Design Project, Laboratory Project, Product Development Project, Reading Course, Special Project, and Simulation Project are introduced in which students learn by doing themselves.

**Problem Solving Methodologies:** The exclusive project type courses are available for the students to register and work on it from their 2nd semester onwards. The objective of this course is to identify interdisciplinary, multidisciplinary, cross-disciplinary problems and use engineering principles / technologies to address the problem. The solution is expected to be in the form of fabrication / coding / modelling / product design / process design / relevant scientific methodologies. The tangible outcomes expected for award of credits are quality publications in reputed journals and conferences/patents. Courses like Technical Answers for Real Problems (TARP), Undergraduate Research Experience (URE) are offered for students to find solutions for various real world problems and to provide opportunity for students to pursue a career in research.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

VIT has taken care of the integration of ICT in education, inter alia, promote autonomous learning, student-centered learning, higher order thinking, problem solving, cooperative learning, collaborative learning, social learning and self-paced learning and finally, integrated learning.

VIT has developed an indigenous Learning Management System (LMS) called V-TOP and most of the teaching learning process tools have been integrated into it. A plethora of tools and systems are available for the efficient content management for 'any-time anywhere' access. In addition to institutional LMS, the faculty members can also use open source educational software MOODLE, which is customized specifically to augment the teaching-learning process. The LMS platform is customized with a set of features that facilitates optimization of services, such as user

management, course management, online editing, visual analytics, academic tracking, session participation, attendance, mark assessments, tutorials, project evaluation, collaborative study and assessment of the performance. Each school has a dedicated smart classroom with Lecture Capturing System (LCS).

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 2.3.3 - Ratio of students to mentor for academic and other related issues during the year

#### 2.3.3.1 - Number of mentors

2754

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 2.4 - Teacher Profile and Quality

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

2783

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

#### 2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

2294

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

#### 2.4.3 - Total teaching experience of full time teachers in the same institution during the year

##### 2.4.3.1 - Total experience of full-time teachers

7.78

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

#### 2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

28

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 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

14

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

14

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

##### 2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

92

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in

examination management system of the institution

**Scheduling:** Either slot-wise or Course wise as per the course registration / requirement. As exam activities are managed digitally no printed hall ticket will be issued.

**Grading:** Both relative and absolute grading are practised based on the type and mode of the course and also based on the number of students enrolled in each class.

**Exam Mode:** Two modes of exam are conducted. a. Paper (normal) mode, b. online mode (CBT)

**Question Papers:** Faculty members are empowered: a. to set their own question papers b. to use common question papers c. to use randomized questions from the question bank as per the requirement.

**Evaluation:** On-Screen Marking using Digital Valuation Systems available on local server / cloud, Paperless Digital Exam Services using exam pads.

**Exam Types:** Continuous assessment test carries an overall weightage of 60%. The assessment tools include: written tests, assignments and quizzes. The final assessment test carries 40% weightage.

**CO Attainment:** All assessments are mapped to the appropriate course outcomes. The marks obtained in continuous and final assessments are used to quantify the attainment of the course outcome.

File Description	Documents
Upload relevant supporting document	No File Uploaded

#### 2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

All programs of the institution have the generic Program Outcomes (PO) which ensure the attainment of Graduate Attributes (GAs). The programs also have Program Specific Outcomes (PSO), which address the program specific requirements. The PSOs are formulated taking into consideration the expectations of respective professional bodies and mandatory agencies.

At the course level, all courses of the program have a well-defined set of course outcomes. A team of experts formulate the COs while finalizing the contents/modules of the course and the same is deliberated by the School Academic Committee (SAC). Subsequently, they are approved in Board of Studies (BoS) and Academic Council (AC). The course outcomes are planned and designed to cover the entire syllabus and instil the necessary competencies.

Publicizing PO, PSO & COs

- The POs and PSOs of all programmes are published in the website and strategic locations of the Institution, in the students' LMS and in the Syllabus books of programmes

Thus the institution has in place well-defined POs & PSOs for all programs and COs for all the courses. These details are published in the institution website and are integrated with the teaching - learning and evaluation system of the institution.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

**Assessment of Course Outcomes (COs)**

Course outcome attainment is calculated by taking into account all the assessments applicable for the course. Course faculty is responsible for calculating the CO attainment. At the end of the semester, the CO attainment should be analysed by the department,

and if the Course Outcome Attainment of a given class is less than the expected percentage, then it is the responsibility of the course faculty to undertake suitable measures. Conscious efforts (eg. additional assignments, peer tutoring, remedial class) are taken by the course faculty to help the slow learners. Such analysis should be done for every assessment.

#### Indirect Assessment

At the end of the semester, the course faculty is responsible for collecting the feedback on the course outcome attainment from the registered students. The feedback thus obtained need to be used for arriving at the final course outcome attainment. 10% weightage is given to indirect assessment.

#### Assessment of POs and PSOs:

The Course Outcomes are mapped to appropriate Programme Outcomes (POs) and Programme Specific outcomes (PSOs) through the course and program articulation matrices, in a weighted manner. All courses in the curriculum are considered for the calculation of PO and PSO attainment.

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 2.6.3 - Number of students passed during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

10743

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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 web link)

<https://vit.ac.in/files/ebooks/SSS-Report-2024/>



**RESEARCH, INNOVATIONS AND EXTENSION****3.1 - Promotion of Research and Facilities**

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

Vellore Institute of Technology, (VIT) accords high priority for the promotion of quality research. The institution has a well-defined policy for promoting research.

<https://vit.ac.in/files/ebooks/Research-Promotion-Policy/index.html>

The institution has centralized facilities and research centres to cater to the research needs of faculty members and students. Autonomous Vehicle Research, Human Organ Manufacturing and Engineering, 3-D Printing and Samsung SEED, Chip Design Laboratories, etc have been established to carry out research in frontier areas of STEM. Institute subscribes research journals such as Elsevier, Springer, IEEE, ASME, ASCE, Scopus indexing database, etc.

<https://vit.ac.in/academics/library>

<https://vit.ac.in/research/centers-list>

<https://crf.vit.ac.in/>

To enhance the research output, the institution has launched various research promotion schemes, which include Institutional Ph.D fellowship of Rs.35,000/- p.m., Raman Research Award, APJ Abdul Kalam Award, Contingency grant, VIT International Research Fund (VIN), etc. Seed grant to young faculty members to establish their research facility in VIT. Research Award to faculty members, as financial incentive for (i) Quality Publications journal publications, (ii) Patents (iii) Funded Projects (iv) TOP 2% Scientist & Outstanding Researcher Award, and (v) Contribution to the 'h' index. VIT provides financial support for participation in National and International Conferences. The institution has been using "Turnitin" software for plagiarism check since 2009.

File Description	Documents
Upload relevant supporting document	No File Uploaded

**3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)****192.53**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year****54**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year****1229**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<b>No File Uploaded</b>

**3.1.5 - Institution has the following facilities to support research**  
**Central Instrumentation Centre**  
**Animal House/Green House Museum**  
**Media laboratory/Studios**  
**Business Lab**  
**Research/Statistical Databases**  
**Moot court**  
**Theatre**  
**Art Gallery**

**A. Any 4 or more of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year**

13

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

1135.67

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

2769.88

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

#### 3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

0.04

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

The institution has a well-established 'Technology Business Incubation' center known as VIT-TBI' and is operational since March 2003. It is a joint initiative with Department of Science and Technology, Govt. of India. The VIT-TBI has subsequently partnered with TIFAC, TDB, DSIR, MSME and BIRAC of the DBT on various innovation and entrepreneurship programs and through grant funding. VIT-TBI provides access to infrastructure, prototype development, research assistance, funding, business consulting etc., in a single window mode to early stage technology entrepreneurs. PRAYAS and 'BioNEST' for supporting innovative start-ups. <http://www.vittbi.com/>.

VIT has established an ecosystem for fostering innovation, which includes initiatives aimed at the creation and transfer of knowledge. The institution has established Office of Innovation, Startup and Technology Transfer cell that encompasses Institute Innovation Council, Entrepreneurship Cell and IPR & Technology Transfer Cell. VIT possesses a comprehensive Innovation Laboratory that aims to foster student engagement in pioneering research.

<https://vit.ac.in/innovation-and-startup-policy>

<https://innovations.vit.ac.in/policies.html>

<https://innovations.vit.ac.in/>

Project type courses under Discipline/open elective category have been introduced in the curriculum for establishing a conducive innovation ecosystem. All the schools of the University periodically organise various Hackathon, Codeathon and Designathon competitions for students, to enhance their design thinking capabilities.

<https://vit.ac.in/iprcell>

<https://vit.ac.in/research/centers-list>

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

167

### 3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

167

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

#### 3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

77

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.4 - Research Publications and Awards

#### 3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

##### 3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
3. Plagiarism check
4. Research Advisory Committee

A. All of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 3.4.2 - The institution provides incentives to

A. All of the above

**teachers who receive state, national and international recognitions/awards  
Commendation and monetary incentive at a University function  
Commendation and medal at a University function  
Certificate of honor  
Announcement in the Newsletter / website**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.4.3 - Number of Patents published/awarded during the year

#### 3.4.3.1 - Total number of Patents published/awarded year wise during the year

**693**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.4.4 - Number of Ph.D's awarded per teacher during the year

#### 3.4.4.1 - How many Ph.D's are awarded during the year

**448**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<b>No File Uploaded</b>

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

**4927**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<b>No File Uploaded</b>

**3.4.6 - Number of books and chapters in edited volumes published per teacher during the year****3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year**

1866

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS**

D. Any 2 of the above

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

Scopus	Web of Science
6.09	Nil

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

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

Scopus	Web of Science
53	Nil

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

### 3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

Vellore Institute of Technology has a transparent policy for consultancy and the same is displayed in the institutional website.

<https://vit.ac.in/VIT-Consultancy-Policy/index.html>

To promote sponsored research activities, the institution has established a separate office for Sponsored Research and Industrial Consultancy (SpORIC) to act as a nodal centre for obtaining and managing consultancy projects for the Institution.

The institution encourages faculty members to establish a strong connect with various industries through industry academia networking conclaves. Faculty members visit identified industries periodically and interact on a continuous basis. This continuous interaction enables faculty members to identify industrial problems for solving through consultancy mode or through student projects. After interactions for about an year and after some salient outcomes in terms of collaboration, the relationship is formalised through Memorandum of Understandings. Sustained interactions have also resulted in setting up Industry Sponsored Laboratories.

The specific concessions given to faculty members to focus more on Industry Consultancy and Connect include.

- Transparent revenue sharing mechanism
- Sponsorship of travel and other expenditure during all official visits
- Grant of on duty for all such visits
- Consideration of contributions in extension activities in performance evaluation
- Reduced academic workload for significant contributions.



<https://vit.ac.in/research/industrial-consultancy>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

#### 3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

596.3

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

VIT strongly believes in the need for the holistic development of students and accordingly the institution takes consistent efforts in directing the students' energy towards addressing the real life issues of common man and societal problems at large.

In the Engineering Curriculum of VIT, all students undergo a two credit course on "Technical Answers to Real World Problems" in which students as project teams take up a problem of the neighborhood community and come out with innovative technical solutions to these problems. Some of the problems taken up and addressed include low cost effluent treatment system for tanneries, robotic block removal in underground sewage system, disaster assessment and mitigation using IoT, and low cost water purifier.

VIT has over 200 clubs and chapters, which are active student bodies providing platform for students to indulge in various co-curricular, extra-curricular and outreach activities. Of these, there are about 20 clubs that provide avenue for active direct interaction with society. The detailed account of objectives and activities of various student clubs is available in the website.

<https://vit.ac.in/campus/Clubs/Social%20Outreach>

<https://vit.ac.in/about/community-outreach>

<https://vit.ac.in/campus-category/newsletter>

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

**3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year**

7

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

127

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year**

11427

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 3.7 - Collaboration

**3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year**

**3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year**

676

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year**

218

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

#### Response:

The main campus of Vellore Institute of Technology (VIT Vellore) is comprised on 755.52 acres and is home to several departments. Academic activities (classes, labs, library, auditoriums, etc.)

occupy 3,64,115 m<sup>2</sup> of the 11,66,272 m<sup>2</sup> total built-up space, whereas hostels occupy 5,95,086 m<sup>2</sup>. Support amenities like playgrounds and canteens occupy the remaining space.

#### Class rooms:

There are 544 classrooms with ICT facilities at the institute. The teaching and learning facilities meet the standards set by the Bar Council of India (for UG programs), the Council of Architecture (for UG programs), and the AICTE (for UG & PG programs).

#### Teaching & Research Laboratories:

VIT has well-equipped labs for UG and PG students to receive practical training. This includes recently added specialist labs including the Semiconductor Physics Lab, the Vehicle Dynamics Lab, the Two and Four Wheeler Chasing Lab, and the Single Crystal XRD Lab.

#### Computing Equipment:

VIT has 13,679 computers set up specifically for academic use, demonstrating its strong IT infrastructure. Faculty and students can access campus-wide Wi-Fi Internet via a fast, reliable network that connects 63 buildings. High end servers with SANs, Private Clouds, VDI and IT security systems are all part of the understanding IT architecture.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

#### Sports Facilities:

Emotional and physical well-being are essential for achieving a better lifestyle and managing the rigorous educational environment. VIT views sports as an essential component of the curriculum and highlights their significance as part of this process.

Students are developed into whole individuals at VIT. VIT offers cutting-edge facilities for both mental and physical fitness, including a fantastic air-conditioned gym, a snooker hall, a

stadium, indoor courts, and a variety of centers for physical education and athletics that help students stay in top physical condition and cultivate a sense of sportsmanship. Additionally, there is an international-sized swimming pool on campus.

#### Outdoor Sports:

1. Open Gym: The open gym was established in 2024. The Total area is 55.74 m<sup>2</sup>.

#### Indoor Sports:

1. Hall of Chess: It was established in the year 2024 to fulfil the needs of the students with total area of 95.69 m<sup>2</sup>.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.1.3 - Availability of general campus facilities and overall ambience

At VIT, 34% of the campus is kept green with gardens, hedges, trees, and green forests, among other features. This helps to keep the campus cooler by 2°C when compared to the city.

There are enough hostel blocks with energy-efficient district cooling, chilled water systems, and VRF systems for both male and female students, with 70% of the rooms having HVAC. With the help of a heat pump and the most energy-efficient solar water heater, hot water is supplied.

For a secure commute between the academic buildings and the dormitory, there are two railway under bridges (RUB). There are banks and ATMs located all throughout campus.

VIT has 2.113 MW of rooftop solar photovoltaic capacity for green energy generation. The academic building, "Mahathma Gandhi Block," has an IGBC platinum rating for green buildings.

With a 1,135 KLD RO water treatment facility and an interconnected water delivery network, the entire campus can have drinking water around-the-clock.

About 90% of wastewater is recycled for secondary uses such as flushing, water cooled Central air conditioning systems, gardening, and car washing at a contemporary water treatment plant with an installed capacity of 7,500 KLD.

There are walkways throughout the campus that lead from one building to another. The campus is pollution-free since plastic is prohibited and car access is restricted.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

32635

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

### Response & Highlights of ILMS

- In July 2019 ILMS migrated from LIBSYS (7.0) to (KOHA 19.05) Web centric version with RFID technology.
- KOHA is an open Source software customized for Periyar EVR Central Library with comprehensive functionality.
- Koha offers unlimited capacity in terms of branches, patrons, patron categories, and various reports on day-to-day activities.
- Full catalogue module which enables library staff to capture details of all library items. It is AACR2, MARC 21, and also z39.50 compliant.
- The self-check-in and check-out, with RFID Technology, biometric integration and renewal of the books with SMS/e-mail alerts.
- Web-OPAC brings all the print and e-resources on a single platform with single sign-in option.
- Patrons can search the library collections with extended

bibliographic details using Web-OPAC

<http://webopac.vit.ac.in/>

- In addition we have three more options: They are
  1. Advance search helps us to search the types of documents like Alumni book bank, CD, DC, E-Book, Faculty publications, New arrivals, Reference, Stack and Thesis.
  2. Tag-cloud provide most common or frequently used books tagged by the users
  3. Most popular option gives the users that top 10 to 100 titles frequently issued by the other users.

#### Digitization Facility:

- Separate high speed document scanning unit BOOK EYE- 4 scanner is available.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases**

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

1282.45

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)**

9488

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 4.3 - IT Infrastructure

#### 4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

565

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

#### 4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

IT infrastructure has been widely spread across connecting 56 buildings with high-speed robust network backbone. For research, teaching & learning process, 13Gbps of internet bandwidth is made available through three major ISPs. Over 48700+ IP enabled devices are connected to this network in which 15700+ (Academic Area) & 33300+ (Hostel Area).

VIT established the State-of-Art energy efficient Data Centre with Access Control, Remote Monitoring, Fire Alarm Suppression System & etc. Server Virtualization and Cloud environments are deployed in Hyperconverged Infrastructure solution with the Nutanix Enterprise Cloud Platform. Deployed NVIDIA DGX1 & HPC Clusters to reduce the execution time of a compute intensive or data intensive applications.

Over 3772 Wifi access points are positioned across the campus to facilitate internet access to our students, faculty and guests. Seamless internet access given to students through Hotspots and well planned WIFI network at Hostel rooms.

Our campus including classrooms & labs are facilitated with Surveillance System. Facial Recognition System has been implemented for Staff, Students & Hosteller's attendance recording. All our main gates, library & hostel buildings entries are secured by access control system - Turnstile.



Our campus IT facility is secured by implementing the best of the security solution from Palo Alto, Check Point, CISCO WSA, CISCO AMP, K7 Antivirus, Application firewall, OpenDNS etc.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
54245	13719

#### 4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- 71 GBPS

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

A. All of the above

File Description	Documents
Upload relevant supporting document	No File Uploaded
Upload the data template	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

21124

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

#### Response

VIT offers top-notch infrastructure facilities and regular maintenance through defined procedures and techniques. Regular maintenance and renovations keep the buildings in good shape.

#### Procedure for Maintenance

Infrastructure including as classrooms, faculty cabins, laboratories, auditoriums, and hostels are maintained by the estates department. A maintenance engineer is assigned to handle routine complaints for each building, and maintenance-related complaints are tracked via a call monitoring system. The lab equipment is maintained by staff members from each department or school. Key equipment repair and maintenance are covered under Annual Maintenance Contracts (AMC). The Central Library has an RFID self-check-in book drop, check-out kiosk, and KOHA 19.05 installed.

#### Centre of Technical Support (CTS)

All electrical and IT-related equipment, such as computers and security cameras, is maintained by the CTS. The maintenance request-service-satisfaction and feedback cycle is followed for all repairs and services performed, and all maintenance activities are monitored using a ticketing system (PEOPLE ORBIT 1.0). Power supply, UPS, DGs, sewage treatment and reverse osmosis plants, fire hydrant systems, air conditioners, solar PV, and elevators are among the utilities that undergo routine maintenance and AMC. The site is kept tidy and verdant by the horticulture department.

The sports facilities and grounds are maintained and kept clean by a dedicated personnel in the sports area.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Total number of students benefited by scholarships and free ships provided by the

**institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)**

16726

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year**

16601

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution 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
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

• All of the above

File Description	Documents
Upload relevant supporting document	No File Uploaded

## 5.2 - Student Progression

**5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)**

**5.2.1.1 - 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**

1342

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.2.2 - Total number of placement of outgoing students during the year**

5953

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year**

1257

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 5.3 - Student Participation and Activities

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

94

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

Institute has a structured Student Council. Prefinal and final year students are given roles as Member Secretary and Executive Members respectively. Link: <https://vit.ac.in/campus-category/Student-Council>

Council members are actively involved in various Institute committees like library, academic council, sports, Institute Innovation Council and Alumni Activity. They are involved in the decision making processes like recommending books, suggesting on syllabus, planning of sport events, fostering innovation, entrepreneurial activities, networking and sharing of knowledge with alumni along with the related committees.

Council members actively participate and discuss the concerns of the student community during quality circle (QC) and Council meetings, providing peer support to fellow students. Along with hostel authorities they help in strengthening the wellbeing of hostel students. They organise entertainment activities in the weekends.

Events of national importance, universal values and many GoI initiatives like Drive Against Drug, launch of app Kaaval udhavi, various awareness programmes on suicide prevention and women health are organised by the council members for the benefit of all students. They involve in community projects and outreach events through clubs and chapter activities which helps in holistic development of students. They organise various technical events and cultural events for professional and personality development of their peers.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

380

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.4 - Alumni Engagement**

5.4.1 - The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services during the year

The VIT Alumni Association (VITAA) was founded in 1996, initially called the VEC Alumni Association. It was renamed the VE Club in 1998 and later became VITAA. Today, VITAA has 60 chapters globally, including 39 international and 21 domestic chapters [1]. The association plays a crucial role in maintaining a strong, progressive relationship between VIT and its alumni.

The highlight of VITAA's annual calendar is the alumni meet held every 26th of January. During this event, distinguished alumni are recognized for their contributions in various fields, including academics, research, corporate careers, entrepreneurship, and social development. Additionally, young alumni under 30, who have made significant achievements in their fields, are awarded the Young Alumni Achiever Award [2].

The alumni association contributes significantly to the institution in several ways. It facilitates guest lecture [3], mentorship, professional networking, and career services for students [4]. Alumni also support the institution financially through scholarships and donations [5]. They serve on advisory boards, offering valuable feedback on programs and curriculum. Furthermore, alumni help expand the university's global presence by fostering international collaborations and contributing to innovative solutions for global challenges. In summary, VITAA strengthens the bond between VIT and its alumni, ensuring the university's continued growth and success.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

<b>5.4.2 - Alumni contribution during the year (INR in Lakhs)</b>	<b>A. ? 5Lakhs</b>
<b>File Description</b>	<b>Documents</b>
Upload relevant supporting document	<b>No File Uploaded</b>
<b>GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>	
<b>6.1 - Institutional Vision and Leadership</b>	
6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance	
<p><b>Academic and Administrative Governance</b></p> <p>VIT is a deemed to be university governed by UGC regulations. The statutory bodies of the institute - Board of Management, Planning and Monitoring Board, Finance Committee and Academic Council are constituted as per UGC norms.</p> <p>To become world class, an institute should be innovative and research oriented. To facilitate research ambience and innovative culture, separate offices of Academic Research and Sponsored Research &amp; Industrial Consultancy were created. The Patent Cell of VIT facilitates patenting for faculty and students.</p> <p>Happy people are the most productive. The institute offers several welfare schemes for faculty and staff. The proctoring scheme that operates under O/o Students' Welfare helps the students to resolve academic and personal problems.</p> <p>Collaborative Research is essential for visibility and funding. VIT established the office of International Relations to collaborate with foreign Institutes for research, faculty and student exchange. In addition, Office of Ranking and Accreditation helps to enhance national and international visibility.</p> <p>Without serving the society, no research is complete. VIT participates in various social welfare schemes targeting the local community.</p> <p><a href="https://vit.ac.in/about/vision-mission">https://vit.ac.in/about/vision-mission</a></p>	

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

VIT has adopted decentralization, participative management and empowerment in all academic, administrative, finance, research and outreach activities.

There are 17 Schools and 18 Research Centres headed by Deans and Directors, entrusted with the responsibility of maintaining high standards in academics and research. The periodic meetings organized at various levels ensure smooth communication among administrators, faculty, staff and students and effective implementation of the decisions.

In academics, the faculty members decide on all matters right from formulation of syllabus to question paper setting and evaluation. To improve the teaching-learning process, feedback is obtained from the students through quality circle meetings and end semester feedback.

VIT follows a decentralized approach in financial management. At the department level, the budgetary requirements are consolidated and submitted to the University level committee. The committee finalizes the draft budget for the Schools and forwards the institutional budget to the Finance Committee for approval. After approval by the Finance Committee, the approved budget is utilized through Purchase to Payment (P2P) portal.

<https://vit.ac.in/about/leadership>

<https://vit.ac.in/about/administrative-offices>

<https://vit.ac.in/schools>

File Description	Documents
Upload relevant supporting document	No File Uploaded

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed



Strategic plan has been formulated in tune with the vision of the institute to excel in teaching, research and innovation. One of the successfully implemented activities under global visibility is to improve in the national and international rankings. The following set of action plan was formulated to reach this strategic goal.

- Starting of new schools in diverse areas like School for Media, Arts and Technology and School of Health Sciences and Engineering
- Curriculum revision for all undergraduate and postgraduate programs ensuring greater modularity and flexibility, and facilitating minor / honour options
- Four year UG programs in Arts & Science
- Various schemes for promotion of quality in research
- Enhancing residential accommodation for students and staff
- Strengthening international networking through MoUs and Activities
- Strengthening of IPR Cell and the Innovation Eco System
- Strengthening of online learning platform VITOL

Improvement in rankings by various agencies in 2024:

- Ranked 10th in University Category, 13th in Research Category, 11th in Engineering Category and 19th in Overall Category in 2024 NIRF Ranking
- Ranked within 791 - 800 in QS world University Ranking 2025
- Ranked in the bracket of 501-600 in Shanghai Academic Ranking of World Universities 2024

[https://vit.ac.in/files/Strategic\\_Plan/index.html](https://vit.ac.in/files/Strategic_Plan/index.html)

File Description	Documents
Upload relevant supporting document	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

#### Statutory Bodies

All the statutory bodies of the institution are constituted as per UGC norms, and they meet periodically to formulate policies, critically review the progress made and offer suggestions for institutional development.

## Administrative setup of the University

The day-to-day functioning of the institution is taken care of by the Officers of the University, namely, 1) Vice-Chancellor 2) Pro Vice-Chancellors 3) Registrar 4) Controller of Examinations 5) Chief Finance Officer 6) Dean Academics 7) Dean Academic Research 8) Director Sponsored Research and Industrial Consultancy 9) Director Student Welfare 10) Director Ranking & Accreditation 11) Deans of Schools 12) Directors of Research Centres 13) Functional Directors and 14) Heads of Departments.

The institution has 19 Schools and 18 Research Centres. Each school is further subdivided into departments. Schools are headed by Deans. Research centres are headed by Directors who are responsible for identifying cutting edge research areas and promoting research activities.

The institution has well-defined and transparent policies including service rules, recruitment procedures and promotion norms. The institution has grievance redressal bodies such as Internal Complaints Committee (ICC) and grievance redressal committees for students, faculty and staff members.

<https://vit.ac.in/about/leadership>

<https://vit.ac.in/files/organogram/index.html>

<https://vit.ac.in/governance>

<https://vit.ac.in/about/administrative-offices>

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 6.2.3 - Institution Implements e-governance in its areas of operations

#### 6.2.3.1 - e-governance is implemented covering following areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

A. All of the above

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

#### Performance Appraisal System

VIT follows a comprehensive Performance Appraisal System (PAS) to assess the performance of teaching and non-teaching staff on an annual basis. Teaching staff carry out the self-appraisal, which is followed by that of HoDs and Deans. Besides, students' feedback on the teaching-learning process is included as a part of the PAS.

Performance appraisal of non-teaching staff is carried out based on the nature of the job they perform. A well-defined, transparent, norms-based promotion scheme is followed for teaching and non-teaching staff.

#### Welfare Measures

The institute recognises the service and dedication of the teaching and non-teaching staff members and offers them various welfare measures such as

- Employment Provident Fund & Gratuity
- LIC Pension Scheme
- Mediclaim Insurance / Accident Policy for Employees and Dependents
- Round the clock on-campus health centre facilities
- Encashment of Earned Leave
- Maternity leave
- Residential accommodation in campus on subsidized rent, based on availability
- Teaching staff are provided sabbatical leave to pursue higher education/research, seed money for research, and financial support for attending conferences
- Teaching staff are encouraged to take up consultancy work
- Reward for publication of quality research papers / patents/ projects/ and books
- Admission at VIT for children of employees.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

455

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

224

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

1910

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

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

The financial planning and budgeting is an integral part of annual academic planning at the institute. The institute strives to mobilize resources through various avenues and utilizes the fund optimally for its activities in a systematic manner.

1. Tuition fees from Indian students, as approved by the fee committee
2. Attracting students from foreign countries and NRI / OCI students
3. By getting 12 (B) status from the UGC
4. Promoting consultancy services and encouraging faculty members to apply for extramural funding
5. Commercialising the patents and other IPR generated by the Institute
6. Facilitating incubation / start-ups through TBI
7. By offering new programmes or interdisciplinary courses in emerging areas, which are in sync with the industry requirements
8. By offering courses for industry personnel/working people
9. By exploring the avenues for floating Joint Degree programmes with foreign universities
10. Endowment funds to recognize meritorious students
11. By creating corpus from Alumni contributions
12. By exploring funding from Corporate / International Foundations/ NGO's etc.
13. By attracting donations to the trust corpus by leveraging the tax exemption availed under 80G of the Income tax act

File Description	Documents
Upload relevant supporting document	No File Uploaded

#### 6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

595.5

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

#### 6.4.4 - Institution conducts internal and external financial audits regularly

VIT follows the mercantile system of accounting and complies with the guidelines and Indian Accounting Standards (Ind AS) recommended by the Institute of Chartered Accountants of India. It has a well laid down internal control mechanism by internal auditors, audited independently every quarter, apart from an in depth annual statutory audit carried out by reputed external auditors. Periodical monitoring of expenditure, compared with the approved budget, is carried out.

##### Internal audit

Internal audit is generally conducted for 10 days and the report is submitted to the institute within a month. The audit objections raised during internal audit are rectified and recommendations for process improvement are implemented.

##### External audit

External audit is conducted every year. The audit starts (for the previous year) at the end of April and is completed in September. For the current year (for half-yearly period), the audit starts in December and ends in a month.

##### Mechanism for settling audit objections

During audit, the queries raised are addressed by the finance team and the rectification entries are made. Explanation to the queries is given within 15 days' time and the rectification entries are made within the next 10 days.

File Description	Documents
Upload relevant supporting document	No File Uploaded

#### 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning

process, structures & methodologies of operations and learning outcomes at periodic intervals

The IQAC institutionalized the process of reviewing the teaching-learning process through Student Quality Circle Meetings (QCMs), Students' end semester feedback, Outgoing students' survey and academic audit. Students' feedback is used as an important tool to close the loop for the teaching-learning process.

The student QCMs are conducted at least twice in a semester to get the feedback on teaching-learning process from the students to take steps for mid-course corrections. The suggestions received from the students are passed on to the concerned faculty and HoDs to review and take suitable action. The students' end semester feedback on teacher, course and lab infrastructure is collected through institutional LMS. The outgoing students also provide valuable feedback on their overall academic experience. The feedback collected are analysed and presented in the IQAC meetings. The meetings result in making recommendations for improvement in the learning experience of students.

Academic audit is regularly conducted by IQAC to review the academic process in the schools. The guidelines for audit are prepared as per NAAC/UGC quality framework and a brain storming session on the audit report is organized to review and recommend measures for quality enhancement.

File Description	Documents
Upload relevant supporting document	No File Uploaded

**6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

**A. Any 5 or all of the above**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

- Ensuring Outcome based Teaching-Learning and Evaluation process
- Preparation for program accreditation of B.Tech programmes (Chemical, EEE, E&I & Mechanical Engineering)
- Testing facilities in Six laboratories have secured NABL accreditation
  - Communication Engineering Testing Laboratory
  - Centre For Biomaterials Cellular and Molecular Theranostics Testing Laboratories (CBCMTL)
  - Centre For Nanotechnology Research Laboratory
  - School Of Advanced Sciences Testing Laboratory
  - School Of Bio Sciences And Technology Laboratory
  - Centre For Innovative Manufacturing Research Laboratory
- International Webinar Series on quality sustenance and enhancement
- Collaborative workshop on quality themes

VIT Quality Week on the theme "Quality Conscience - Doing the Right Thing"

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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

#### Response

Courses on Gender, Culture & Technology, Ethics & Values, Right to Education - Women, Minority, Equality & Environment and Gender, Caste & Law have been introduced as part of the curriculum, with a primary aim of addressing issues related to gender. As a result, students are exposed to the issues related to women empowerment,



female feticide prevention, child abuse, responsible living, etc.

Following are some of the specific measures initiated by the institution to ensure female students' participation in all academic, co-curricular and extra-curricular activities:

- Periodical conduct of gender sensitization programs for all the students, faculty and staff members.
- Conduct of special sports promotion programs and facilities such as exclusive swimming pool and gymnasium for female students.
- Availability of exclusive professional counsellors.
- A common room for the female students in all the academic blocks.
- Organizing a workshop on 'Prevention of Sexual Harassment in Workplaces' for all faculty members to create an environment free of sexual violence, harassment, exploitation and intimidation.
- Availability of lady doctors all the time in the campus hospital and a lady nurse in every hostel block cluster
- More than 3842 CCTV cameras installed for inhabitants, particularly, women.
- More than 48 women security guards have been employed.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Annual gender sensitization action plan(s)	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant 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**

**A. Any 4 or All of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

#### Solid waste management and waste recycling system

Organic and green waste, recyclable waste and sanitary waste are collected in different coloured bins. Wastes collected from the canteens and food joints on campus are turned into compost.

#### Liquid Waste Management

About 3500 KLD of wastewater from the project is treated in the sewage treatment plants with a handling capacity of 4000 KLD. Thereafter it is recycled and used for flushing or watering the gardens.

#### Biomedical waste management

To sustain campus green and eco-friendly, VIT strictly adheres to the practices a sustainable and healthy waste management system. Biological wastes are safely disposed of through 'Ken Bio links Pvt. Ltd'.

#### E-Waste Management

E-wastes that are regularly collected from source points are transported to e-waste storage area. E-waste generation at campus is approximately 2-tonnes/year. M/s Veltech systems, Chennai, is the authorized vendor for collecting e-wastes.

#### Hazardous chemicals and radioactive waste management

Silica gel is widely used in TLC column. However, it is non-toxic and chemically inert, and it is sent to the recycler. Strong acids and bases are neutralized and subsequently it is sent to the water treatment plant. Institution is very cautious in not using the radioactive materials in its research.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>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</b>	<b>A. Any 4 or all of the above</b>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>  <ol style="list-style-type: none"> <li>1. Restricted entry of automobiles</li> <li>2. Use of bicycles/ Battery-powered vehicles</li> <li>3. Pedestrian-friendly pathways</li> <li>4. Ban on use of plastic</li> <li>5. Landscaping</li> </ol>	<b>A. Any 4 or All of the above</b>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b>  <ol style="list-style-type: none"> <li>1. Green audit</li> <li>2. Energy audit</li> <li>3. Environment audit</li> <li>4. Clean and green campus recognitions/awards</li> <li>5. Beyond the campus environmental promotional activities</li> </ol>	<b>A. Any 4 or all of the above</b>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<p><b>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.</b></p>	<p><b>A. Any 4 or all of the above</b></p>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<p>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)</p>	
<p><b>Response:</b></p> <p>VIT has been strongly committed to maintaining harmony and peace all through without any single episode of campus unrest. VIT always believes in the culture of celebrating diversity leading to a higher-level unity.</p> <p>All major festivals, namely, Pongal, Diwali, Christmas, Eid, Navaratri, Durga Puja, Onam, Ganesh Chaturthi, Bihu, Baisakhi, Ugadi, Sargam, Lohri, Holi and Gudi Padwa are celebrated at VIT with great zeal.</p> <p>VIT has a plethora of Literary Associations for various Indian languages that include Tamil, Telugu, Malayalam, Kannada, Hindi, Bengali and Marathi.</p> <p>Every year, VIT organizes an event called "Infusion" that showcases the various cultures around the world. This program by the students of various nationalities turns out to be a testimony for the display of the diverse international culture.</p>	

Besides, a parade event called "AIKYA" showcases the vast heritage of India and its various cultures. It is a show of unity in diversity.

Another unique scheme entitled STARS (Support The Advancement of Rural Students) aims at uplifting the students from socioeconomically weak backgrounds. A lot of students have been able to move to very good positions in their life.

Further, VIT hosts several agricultural expos in support of local farmers, and offers sports facilities for local schools.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

**Response:**

VIT has a strong commitment in building the holistic development of its students and employees and accords due emphasis in inculcating Constitutional and Social responsibilities. The institution does organize various events towards this objective.

The following are the various activities focused on inculcating the values and responsibilities as responsible citizens:

- Model United Nation - VITMUN - every year in the months of August - September. The Model United Nation helps the students exposed to various international issues including climate change, global hunger, water crisis and sustainable development
- Another initiative called "Democracy Wall" is a free speech campus initiative in collaboration with The Print.
- Further, "Voter Enumeration and Awareness program" is another initiative organized every year in collaboration with State Election Commission.
- Eminent economists gather at VIT every year for 'Annual Union Budget Discussion'.
- Another vibrant student club called 'VIT Fifth Pillar' provides platform for students to discuss "Every vice nagging society and the human condition".
- The debate club of the VIT - DEBSOC VIT hones the debating skills of students.

Hindi, Bengali, Marathi, Telugu, Kannada, Malayalam and Tamil Literary Associations create awareness about the richness of these languages and help students to appreciate the rich diversity of our culture.

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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 organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized**

All of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

**Response:**

VIT does organize national and international commemorative days, festivals and events.

**National Festivals**

Thai Pongal is a Tamil harvest festival usually celebrated from 14th to 16th January of every year. Pahela Baishakh is the traditional New Year Day of the Bengalis. Baisakhi or Vaishakhi, is a historical and religious festival in Sikhism and Hinduism, and is usually celebrated on April 13 or 14 every year. The Rongali Bihu, Ugadi, Gudhi Padvais are the various festivals that mark the traditional New Year and they are celebrated in VIT. Besides, Onam, Odisha Day, Navaratri, Eid and Christmas day are also being celebrated with fervor and joy.

**Teachers' Day**

VIT celebrates the birth anniversary of the former President of India and a renowned teacher Dr. S. Radhakrishnan as Teachers' Day.

## International Day's Celebration

International Women's Day is celebrated on March 8 every year at VIT. International Day of Yoga is celebrated on the 21st of June every year. The International Day of Happiness is celebrated throughout the world on the 20th of March every year.

## National Day Events

VIT organizes Republic Day and Independence Day celebrations. The institute also celebrates the National/International days, birth /death anniversaries of the prominent Indian personalities every year.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

1. Title of the Practice: Industry Integration into academia

2. Objectives of the Practice:

- To fill the gaps between the needs of the industry and the curriculum offered.
- To deploy academic expertise for industrial problem solving.

3. The Context

Basic research with an inclination towards industry has been happening in VIT during the past years. However, several basic issues in industry are not adequately addressed. To offset that lacuna, a strong industry interaction is imperative.

4. The Practice

- The 8th-Module - Industry Guest Lecture has led to strong interactions between the institute and industry.
- Technical Answers for Real word Problems (TARP) course, the students are able to apply their subject knowledge into real world problems of the industry.
- The project-based internships which brings new perspectives,

and is up-to-date with the industry trends.

#### 5. Evidence of Success:

Industry participation makes students learn from new perspectives and helps create rapport with industry persons. It provides greater clarity and has an impact on their placement interviews. Such tie-ups acknowledge and capitalize on the relative strengths of the academia and the industry.

#### 6. Problems Encountered and Resources Required:

- In spite of some temporary barriers, VIT has been offering its best with consistent efforts to optimize the industry institute integration through a number of strategies enabling various initiatives

### 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)

#### Response:

VIT, in addition to the research activities pursued at Master's and PhD levels, has incorporated research components at undergraduate levels. VIT has also a unique system of conducting a conference called SET Conference (Science, Engineering & Technology) in every semester. Besides, each and every course has an industrial component in the "8th module". Every year, VIT funds to the tune of Rs 1 lakh for product development. VIT's strategy of inculcation of research at UG levels is reflected at masters and PhD levels as well.

Promotion of research at UG levels has also been reflected in the qualitative and quantitative increase in publications. The outcome of students' involvement in research is also reflected in filing of patents. The funded projects of the faculty members also cater to the research interests of the UG students leading to publications in journals of international repute. These achievements have been the contributory factors for the institute to be granted IoE status.

Through MoE, VIT has successfully established Institution's Innovation Council (IIC). Further, VIT has also implemented National Innovation and Startup Policy (NISIP) which encourages UG students to start new startups. Besides, many startups have



already been successfully established by UG students through VIT TBI.

### 7.3.2 - Plan of action for the next academic year

- Preparation of SARs for NBA accreditation of programmes such as B.Tech Mechanical Engineering, Chemical Engineering, Electrical and Electronics Engineering, Electronics and Instrumentation Engineering
- Effective implementation of Outcome based Teaching-Learning and Evaluation by creating provisions in the IQAC portal to support the faculty members and providing OBE hand book
- Motivating all students to create APAAR ID
- Uploading students' credits in ABC portal
- Promoting international collaborations
- Fast-track the IPR filing process and support for commercialization of IPR
- Improving VIT's performance in India Ranking and international rankings
- NABL certification of potential testing labs
- Academic and Administrative Audit for continuous quality improvement
- Environmental/Energy Audit through National accreditation board of certification bodies
- A week long programme on quality involving all the stakeholders (Quality Week)
- Preparation of AQAR and Annual Report