YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	Vellore Institute of Technology
• Name of the Head of the institution	Dr. Rambabu Kodali
• Designation	Vice Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04162243091
• Mobile no	9994635826
• 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
2.Institutional status	
• 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	**04162202158**	
• Mobile	**9443628085**	
• IQAC e-mail address	**director.dqaa@vit.ac.in**	
• Alternate Email address	**dydirector.dqaa@vit.ac.in**	

3.Website address (Web link of the AQAR (Previous Academic Year)	https://vit.ac.in/files/AQAR/AQAR -2021-2022.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://vit.ac.in/academics/home

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
Nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**	
• Upload latest notification of formation of IQAC	View File	
9.No. of IQAC meetings held during the year	**4**	
• The minutes of IQAC meeting and compliance to the decisions have been	**Yes**	

uploaded on the institutional website.
(Please upload, minutes of meetings and
action taken report)

• (Please upload, minutes of meetings and action taken report)	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

1. Mentoring of B.Sc.(Hons.) Agriculture program to undergo ICAR accreditation 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. Mentoring of HEIs in and around VIT on accreditation and quality assurance.

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

Plan of Action	Achievements/Outcomes
Mentoring of B.Sc.(Hons.) Agriculture program to undergo ICAR accreditation	SSR submitted to Indian Council of Agricultural Research (ICAR) for B.Sc. (Hons.) Agriculture programme.
Lab Equipment Audit 2023	Lab Equipment Audit 2023 was conducted from 1st - 10th March 2023
Academic and Administrative Audit	Internal Academic and Administrative Audit was

	conducted from 10th to 14th October 2022
Environmental / Energy Audit	Annual Environmental and Energy Audit was conducted
To sensitize the schools to get quality (NABL) certification for all testing labs	3 Training Programmes for NABL Accreditation were organised and five laboratories have been accredited
Organizing brainstorming sessions to improve academic and administrative processes	Brainstorming Session on Improving Students' Academic Performance (10th August 2022) was organised
Quality Week (AY 22-23)	Conducted VIT Quality Week Celebration (28th Feb – 3rd Mar 2023) with 3589 participants
Unified data collection portal for Vellore and Chennai campuses	Unified IQAC-IIS portal for Vellore and Chennai campus has been successfully floated
Compendium of Best Practices followed by NAAC A++ Graded Institutions	Compendium of "Best Practices of NAAC A++ HEIs" Compiled and released by VIT-IQAC on 19.10.2022
Mentoring the HEIs in and around VIT on accreditation and quality assurance	One Day Seminar on "Accreditation and Academic Excellence" was conducted on 19-10-2022 for HEIs located in and around Vellore, Tiruvannamalai, Tirupattur and Kanchipuram districts with 70 participants from 30 colleges

13.Whether the AQAR was placed before statutory body?	**Yes**

- Name of the statutory body

Name	Date of meeting(s)
IQAC Meeting	24/01/2024

14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	No

15.Whether institutional data submitted to AISHE

Year	Date of Submission
2022	28/02/2023

16.Multidisciplinary / interdisciplinary

The institution has made significant progress in implementing the vision of the National Education Policy, 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 (CSRD&RS) 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 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 Number of programmes offered during the year:	**92**

File Description	Documents
Data Template	View File

1.2 Number of departments offering academic programmes	**17**

2.Student

2.1 Number of students during the year	**51720**

File Description	Documents
Data Template	View File

2.2 Number of outgoing / final year students during the year:	**11696**

File Description	Documents
Data Template	View File

2.3 Number of students appeared in the University examination during the year	**54019**

File Description	Documents
Data Template	View File

2.4	**98**
Number of revaluation applications during the year	

3.Academic

3.1	**3445**
Number of courses in all Programmes during the year	

File Description	Documents
Data Template	View File

3.2	**2659**
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.3	**2659**
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution

4.1	**268233**
Number of eligible applications received for admissions to all the Programmes during the year	

File Description	Documents
Data Template	View File

4.2	**6686**
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<u>View File</u>

4.3 Total number of classrooms and seminar halls	**527**
4.4 Total number of computers in the campus for academic purpose	**16242**
4.5 Total expenditure excluding salary during the year (INR in lakhs)	**118372**

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	View File

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

23

File Description	Documents
Upload the data template	View File
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

3366

File Description	Documents
Upload the data template	View File
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

1238

File Description	Documents
Upload the data template	View File
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

90

File Description	Documents
Upload the data template	[View File](#)
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	[View File](#)

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

72

File Description	Documents
Upload the data template	[View File](#)
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

43073

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

28309

File Description	Documents
Upload the data template	[View File](#)
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	[View File]

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	[View File]

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

13651

File Description	Documents
Upload the data template	[View File]
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

6686

File Description	Documents
Upload the data template	[View File]
Upload relevant supporting document	**No File Uploaded**

2.2 - Catering to Student Diversity

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

Assessing learning levels of students

VIT has a robust and dynamic mechanism of assessing the learning levels of the students. On admission to various programmes, the students undertake a Computer Based Test (CBT) which assesses the English language proficiency. Based on the performance of students, non-credit English Language bridge course isoffered to students with low proficiency. After completion of thecourses, the credit course on English is offered.

Special initiatives for Slow Learners

Students scoring less than 30% in the Continuous Assessment Tests (CAT-I & CAT - II) are considered as slow learners. A follow-up action is taken in the form of additional classes, tutorials, and assignments to equip the students for the subsequent CAT / FAT as applicable.

Special Programs for Advanced Learners

Opportunities exist for students to complement and enhance their learning experience by crediting additional courses in diverse areas. Students are encouraged to register for Minor or Honours credential which requires an additional 18 to 20 credits more than the curriculum requirement. The institute also facilitates research at the undergraduate level and enables students to earn credits by registering for Undergraduate Research Experience (URE) through various project type courses and Semester Abroad Program (SAP).

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
51720	2659

File Description	Documents
Upload relevant supporting document	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

Participatory Learning: Active Learning Methods (ALMs) like Group Discussions, Workshops, Assignments, Technical clubs, Hackathon etc. help the students whose learning style is in sync with Participatory Learning. Students are also encouraged to carry out the projects in groups.

Experiential Learning: Most of the core courses have a regular laboratory courses associated with it. 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 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 outcome expected for award of credits are quality publications in reputed journals and conferences/patents. The project type coursesare available for the students to register and work on it from their 2nd semester onwards.

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 integration of ICT in education, inter alia, does 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. Aplethora of tools and systems are available for the efficient content management for 'any-time any-where' access. In addition to institutional LMS, the faculty members can also use open source educational software MOODLE, which is customized specifically to augmenttheteaching-learning process. The LMS platform is customized with a set of features that facilitates

optimization of services, such as: user management, course management, on-line 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 class room 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

2656

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

2659

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	**No File Uploaded**

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

1905

File Description	Documents
Upload the data template	<u>View File</u>
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

7.32

File Description	Documents
Upload the data template	View File
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

138

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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	View File
Upload relevant supporting document	View File

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

98

File Description	Documents
Upload relevant supporting document	View File

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

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IT integration and reforms

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 : a. Paper (normal) mode, b. online mode (CBT), c. Remote
Proctored Online Open Book / Notebook Format exams with automatic
randomization of question papers.

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 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
andquizzes.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.
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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	View File
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. 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 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. Subsequently, they are approved in Board of Studies (BoS) and Academic Council (AC). The course outcomes are planned and designed so as to cover the entire syllabus and instill 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 placewell-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.

https://vit.ac.in/sites/default/files/smec/BME_2022-2023.pdf

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 from all Course related assessments. The assessment process uses direct measures to arrive atthe attainment of each outcome through examinations,

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assignments,quiz, Projects or any other tool used by the faculty for
assessment.

II. Indirect Assessment

Course Survey is carried out for every course in each semester to
get a formal feedback from students which provides objective
information to the faculty for self-appraisal, self-improvement and
improving the teaching - leaning process. 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 course and
program articulation matrices, in a weighted manner. All courses in
the curriculum are considered for calculation of PO and PSO
attainment.
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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

11128

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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-2023/

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. Recently, Autonomous Vehicle Research Lab, Human Organ Manufacturing and Engineering Laboratory, 3-D Printing Lab and Wearable Technologies Laboratory have been established to carry out research in frontier areas of Science and Technology. Institute subscribes important research journals such as Elsevier, Springer, IEEE, ASME, ASCE, Scopus indexing database, etc. https://vit.ac.in/files/ebooks/research-facilities/index.html

To enhance the research output, the institution has launched various research promotion schemes, which include Institutional Ph.D research fellowship of Rs.30,000/- p.m., Raman Research Award, APJ Abdul Kalam Award, Contingency grant, 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 of the institution. VIT also 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)

535.67

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

34

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

935

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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	View File

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

10

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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)

101.59

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

2311.36

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

0.03

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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-Technology Business Incubator (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.

VIT-TBI is a 'PRAYAS Center' under the NIDHI scheme of DST for

nurturing knowledge-based and technology-driven ideas and innovations into successful start-ups. 'BioNEST' - A Bioincubation Center at VITTBI has been set up with the support from BIRAC for supporting innovative start-ups in life sciences and medical devices. The details of VIT-TBI are available on http://www.vittbi.com/.

Two University Core Courses, namely, (i) Introduction to Innovative projects and (ii) Lean Start-up Management 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/institutions-innovation-council

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

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

138

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

138

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

47

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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	[View File](#)

3.4.2 - The institution provides incentives to 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	**A. All of the above**

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

40

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

321

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

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

4025

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

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

929

File Description	Documents
Upload the data template	View File
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	View File
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
5.83	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
49	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/sites/default/files/VIT-Consultancy-Policy.pdf

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.

File Description	Documents
Upload relevant supporting document	View File

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)

305.22

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

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

6

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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)

34

File Description	Documents
Upload the data template	View File
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

11063

File Description	Documents
Upload the data template	View File
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

1004

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

318

File Description	Documents
Upload the data template	<u>View File</u>
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.

VIT is spread over 563.65 acres of land. Of the total built-up area of 10,90,845 m2an area of 4,84,096 m2is used for academic activities (classes, labs, library, auditoriums, etc.) and 3,94,393 m2 for hostels. The remaining area is used for support facilities like play grounds, canteens, etc.

Class rooms:

Institute has 527 class rooms with ICT facility. The teaching and learning facilities are as per AICTE (for UG & PG programs), Council of Architecture (for UG programme) and The Bar Council of India (for UG programme).

Teaching & Research Laboratories:

VIT is well equipped with laboratory facilities for hands-on training of UG and PG students. This includes specialized laboratories with recent additions namely, X-Ray Photon Electron Spectroscopy, Centre of Excellence for Additive Technology, Vehicle dynamics lab, Two & four wheeler chasing lab, Semiconductor physics lab etc.

Computing Equipment:

VIT has IT infrastructure with 16,242 computers for academics and network connecting buildings with campus-wide Wi-Fi Internet access. The comprehension IT infrastructure incudes high end servers with SAN, Private Cloud, VDI, IT security system.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

VIT emphasizes the importance of sports and considers them as an integral part of the curriculum. VIT provides state-of-the art facilities with a magnificent air-conditioned gymnasium and other sporting activities that help students stay as fit as a fiddle and develop a spirit of sportsmanship.

Outdoor Sports Facilities

1. **Synthetic Tennis Courts: Tennis courts 4 Nos (2022) with flood lights and audience gallery arrangements with an area of 196.67 m2/each.**
2. **Outdoor Stadium:400-meter track and field including an audience gallery and flood lights. It covers 30,000m2in total.**
3. **Football Field: Two separate football fields of 14594 m2 each are accessible with flood lights.**
4. **A separate swimming pool for men and women, with 4337.66m2(50 m x 25 m) for men and 1100.41m2(25 m x 12.5 m) for women.**

Indoor Sports Facilities

1. **Wooden floor badminton courts with floodlighting are available. Each has a total area of 82.00m2.**
2. **Three wooden floor air-conditioned squash courts with floodlights. Each has a total area of 67.95m2.**
3. **A/C Gym: There are currently five A/C gyms available, comprising of 257.29 m2.**

File Description	Documents
Upload relevant supporting document	[View File](#)

4.1.3 - Availability of general campus facilities and overall ambience

In VIT, 34 % of the total area is maintained green with garden, scrubs and hedges etc., which makes the campus cool with reduction of temperature by 2°C.

Hostel blocks with 70% of rooms are HVAC facilities with energy efficient district cooling with chilled water system and VRF system. Hot water provided with most energy efficient method of solar water heater assisted with Heat pump

Two railway under bridges (RUB) for safe commuting between hostel

and academic blocks. Banks and ATM facilities are available across campus.

VIT has green energy generation capacity of 2.113 MW Solar PV in roof tops. "Mahathma Gandhi Block" is platinum rated green building by IGBC. RO water treatment plant with 1,135 KLD capacity with well-connected water supply network to provide 24x7 drinking water to the entire campus.

For liquid waste management, modern water treatment plant with an installed capacity 7,500 KLD, recycles about 90% of waste water for secondary applications such as, flushing, water cooled centralised AC system, gardening etc.

Entire campus pathways are provided with covered roof to reach from one building to another building. Due to single use plastic free, restricted automobiles entry the campus is free from pollution.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

23526

File Description	Documents
Upload the data template	[View File](#)
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

Highlights of ILMS

- In July 2019 ILMS migrated from LIBSYS (7.0) to (KOHA 19.05) 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.
- Web-OPAC brings all the print and e-resources on a single platform with single sign-in option, which saves time for both the Librarians and the patrons.
- Patrons can search the library collections with extended bibliographic details using Web-OPAC http://webopac.vit.ac.in/ facilities to find the availability, location and online renewal facility.
- The self-check-in and check-out, with RFID Technology, biometric integration and renewal of the books with SMS/e-mail alerts.

Digitization Facility

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

- High speed scanning facility (A3 page) with latest technology, auto focus, scan, cropping for fast digitization.
- WiFi and IP connectivity enabled scanning facility with customizable user interface available.
- The document scanner was integrated with VIT – VTOP portal for prepaid document scanning support services.

File Description	Documents
Upload relevant supporting document	[View File](#)

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	[View File](#)

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

1059.65

File Description	Documents
Upload the data template	View File
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)

8137

File Description	Documents
Upload relevant supporting document	View File

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

527

File Description	Documents
Upload the data template	View File
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 buildings with robust network backbone. Computer network is built on CISCO switching platform with backbone running on 10Gig at present. 12500+ IP enabled devices are connected to this fast network. Understanding the demands of faculty and students to use digital media for their research, teaching & learning process, 10Gbps of internet bandwidth is made available through three major Internet service providers.

Over 3121 WIFI access points are positioned across the campus to facilitate internet access in the campus. Seamless internet access given to students through Hotspots and well planned WIFI network at Hostel rooms.

IT facility secured by implementing the best of the security solution from Palo Alto, Internal firewall checkpoint, CISCO WSA, CISCO AMP and K7 which includes Next Generation firewall, Radware

Application firewall, Email Security, Advance Malware Protection, Endpoint Threat Protection, OpenDNS etc.

IT expansion is done based on assessing the requirement and also understanding the need of implementing the best of the breed technology to support the teaching and learning process. Also understand the industry requirement with respect to advance technology to ensure that our students are well aware of the technologies prevailing in the market.

https://vit.ac.in/centre-technical-support

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
51720	**16242**

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)	- **?1 GBPS**

File Description	Documents
Upload relevant supporting document	[View File](#)

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	[View File](#)

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

23192

File Description	Documents
Upload the data template	[View File](#)
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.

VIT has standard procedures and practices to provide excellent infrastructure facilities and periodical maintenance.

Procedure for Maintenance

The Estates Department takes care of the infrastructure maintenance related complaints are monitored through Call monitoring system and for each building a maintenance engineers is assigned to take care of regular complaints. Each department/school has its own staff to maintain the lab equipment. Annual Maintenance Contracts (AMC) for the repair and maintenance of key equipment. Central Library is equipped with KOHA 19.05, RFID self-check-in book drop and check-out kiosk, Touch screen KIOSK, Discussions rooms, Video conferencing facility, CCTV & Flap barrier etc.

Centre of Technical Support (CTS) maintains of all IT related and electronic equipment including computers and surveillance cameras.

All maintenance activities are tracked by a ticketing method (PEOPLE ORBIT 1.0/VIT Online service request) follows Maintenance request-service-satisfaction and feedback cycle for all repairs and services undertaken.

Periodical maintenance and AMC for all utilities like Power supply, UPS, DGs, Sewage Treatment & Reverse Osmosis plants, Fire Hydrant systems etc. Horticulture department ensures the campus look clean and green.

Sports section has full-fledged team who maintain and keep clean the sports facilities and grounds.

File Description	Documents
Upload relevant supporting document	[View File](#)

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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)

18067

File Description	Documents
Upload the data template	View File
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

6852

File Description	Documents
Upload the data template	View File
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	View File
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	• **All of the above**

online/offline students' grievances Timely redressal of the grievances through appropriate committees	

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

1222

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

7392

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

1239

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

125

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 membersfor 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 personalitydevelopmentof their peers.

File Description	Documents
Upload relevant supporting document	View File

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

154

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

VIT has an Alumni Association (VITAA) functioning from the institute campus. There are 21 chapters within India and 36 chapters outside the country including Australia, UK, Muscat, Rwanda, Canada, Germany, Singapore and UAE. New Chapterat Gurgaon was inaugurated this year on 12 Nov 2022.

The alumni have conducted 172 knowledge sharing sessions to about 12137 students currently on roll, 29 have guided 50 final year students in project work, they have facilitated employment opportunities in their respective organizations to students and peer alumni through campus and lateral hiring processes, scholarships called 'V4V' was distributed to 40 needy students on VITAA Day celebrated on 26th January 2023. Alumni are involved in most of the decision and policy making process. They are included in Internal Quality Assurance Cell, VIT Innovation Start Up Incubation Committee, Board of Studies etc.

"TRACKS" is an Annual newsletter that records events and developments in VIT where Alumni is involved. VITAA website (www.vitaa.org) is designed to increase leverage of Alumni network for the benefit of the alumni and the students on roll.

File Description	Documents
Upload relevant supporting document	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	A. ? 5Lakhs

File Description	Documents
Upload relevant supporting document	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

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.

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 & Industrial Consultancy were created. The Patent Cell of VIT facilitates patenting for faculty and students.

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.

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.

Without serving the society, no research is complete. VIT participates in various social welfare schemes targeting the local community.

https://vit.ac.in/about/vision-mission

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.

- Focus on Interdisciplinary research

- **Research to focus on Product Development, IP Generation and Commercialization.**
- **Emphasis on publishing in peer reviewed journals with high impact factor**
- **Special scheme for inviting international Professors as Visiting / Adjunct Professor**
- **Establishing functional collaboration for Research / Faculty Exchange / Student Exchange with top 200 universities**
- **Enhancing interaction with various industries for student internships & projects, consultancy and industry sponsored laboratories**
- **Securing and strengthening international collaboration and joint research**

Improvement in rankings by various agencies in 2023:

- **Ranked 8th in University Category, 11th in Research Category, 11th in Engineering Category and 17th in Overall Category in 2023 NIRF Ranking**
- **Ranked within the top 701-800 Universities of the world as per Shanghai ARWU Ranking 2023**
- **Ranked within top 200 in Asia (QS - Asia University Rankings 2024)**
- **Eight Subjects of VIT are ranked by QS World University Ranking by Subject 2023**

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 polices, 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 17 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	View File
Upload relevant supporting document	View File

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	[View File](#)

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

405

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

132

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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)

1560

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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.

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)

0

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

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	[View File](#)
Upload relevant supporting documnent	[View File](#)

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)

- **Implementation of revised curriculum for M.Tech programmes**
- **Provision for students to enrol for credit transfer under SWAYAM-NPTEL**

- **Establishment of a new research centre - Centre for Clean Environment**
- **Initiatives taken to obtain NABL accreditation for certain facilities in 8 laboratories**
- **NASSCOM skill development & Industry certification programmes for the students**
- **Setting goals and target to improve the international subject ranking and world rankings**
- **Mentoring offered by VIT-IQAC for accreditation of B.Sc.(Hons) Agriculture programme**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

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	View File
Annual gender sensitization action plan(s)	http://naac.vit.ac.in/aqar2023/c7/711/7.1.1.pdf
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	http://naac.vit.ac.in/aqar2023/c7/711/7.1.1.pdf

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	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 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 handing 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	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	**A. Any 4 or all of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of bicycles/ Battery-powered vehicles** 3. **Pedestrian-friendly pathways**	**A. Any 4 or All of the above**

    4. **Ban on use of plastic**
    5. **Landscaping**

File Description	Documents
Upload relevant supporting document	[View File]()

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:
 	
  1. **Green audit**
  2. **Energy audit**
  3. **Environment audit**
  4. **Clean and green campus recognitions/awards**
  5. **Beyond the campus environmental promotional activities**
	A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File]()

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

File Description	Documents
Upload relevant supporting document	[View File]()

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

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.

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.

VIT has a plethora of Literary Associations for various Indian languages that include Tamil, Telugu, Malayalam, Kannada, Hindi, Bengali and Marathi.

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.

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	View File

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

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	[View File](#)

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

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	View File

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)

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 calledSETConference (Science, Engineering &Technology) in every semester. Besides, each and every course has an industrial component in the"8thmodule".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.

VIT has successfully established Institution's Innovation Council (IIC). Further, VIT has also implemented National Innovation and Startup Policy (NISP) 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
- Effective implementationof Outcome based Teaching-Learning and Evaluation   - Preparation for programme accreditations   - NABL certification of potential testing labs   - Follow up with the offices concerned for implementation of NAAC PTV suggestions   - International Webinar Series on "Quality Assurance and Accreditation in HEIs   - Implementation of SDGs in HEIs   - Collaborative Seminars   - Capacity development programme for IQAC Coordinators   - Academic and Administrative Audit   - Environmental/Energy Audit through National accreditation board of certification bodies   - Preparation of AQAR and Annual Report   - VIT IQAC Student Wing   - Quality Week

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