



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

##### 1.Name of the Institution

Vidyalankar Institute of  
Technology, Mumbai

- Name of the Head of the institution **Dr. Sunil Patekar**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone No. of the Principal **02224102321**
- Alternate phone No. **9892380931**
- Mobile No. (Principal) **9820580658**
- Registered e-mail ID (Principal) **principal@vit.edu.in**
- Address **Vidyalankar College Marg, Wadala (East), Mumbai.**
- City/Town **Mumbai**
- State/UT **MAHARASHTRA**
- Pin Code **400037**

##### 2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **15/03/2022**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr. Sangeeta Joshi**
- Phone No. **02224102321**
- Mobile No: **9405204023**
- IQAC e-mail ID **sangeeta.joshi@vit.edu.in**

**3. Website address (Web link of the AQAR (Previous Academic Year))**

<https://vit.edu.in/images/downloads/naac-uploads/2021-22/VIT%20AQR%202021-22.pdf>

**4. Was the Academic Calendar prepared for that year?**

**Yes**

- if yes, whether it is uploaded in the Institutional website Web link:

<https://vit.edu.in/images/downloads/Academic%20Activity%20Calendar%202022-23.pdf>

**5. Accreditation Details**

| Cycle          | Grade     | CGPA        | Year of Accreditation | Validity from     | Validity to       |
|----------------|-----------|-------------|-----------------------|-------------------|-------------------|
| <b>Cycle 1</b> | <b>A+</b> | <b>3.41</b> | <b>2019</b>           | <b>04/03/2019</b> | <b>03/03/2024</b> |

**6. Date of Establishment of IQAC**

**01/07/2014**

**7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?**

| Institution/ Department/Faculty/School | Scheme                                 | Funding Agency    | Year of Award with Duration | Amount           |
|--|--|-------------------|-----------------------------|------------------|
| <b>Dr. Dhananjay Patel</b>             | <b>TIH-CHANAKYA Fellowship Program</b> | <b>IIT Bombay</b> | <b>08/03/2023</b>           | <b>24,00,000</b> |

**8. Provide details regarding the composition of the IQAC:**

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

**9.No. of IQAC meetings held during the year** 03

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **No**

- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

**10.Did IQAC receive funding from any 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 The Institute received autonomous status for a period of ten (10) years from the session 2022-2023 to 2031-2032 from UGC (vide letter No.F 22-1/2022(AC) dated March 15, 2022) and University of Mumbai (vide letter No. Aff./ICD/22-23/507 dated June 20, 2022). The University of Mumbai The first batch of Autonomy students is admitted in the A.Y. 2022-23. The autonomy curriculum and evaluation methodology specified by each Programme Board of Studies and Academic Council are successfully implemented. 2 National Board of Accreditation (NBA) team visited the institute on November 25-27, 2022, for accreditation of 3 UG departments namely Department of Electronics Engineering, Department of Electronics and Telecommunication Engineering and Department of Biomedical Engineering. Accreditation has been granted to these three programmes for three academic years viz. 2022-23, 2023-24 and 2024-25 i.e. upto June 30, 2025. 3 "My Time table" feature: Student have been given opportunity to prepare their own timetable by selecting the suitable time slot of their choice and also selecting the subject teacher of their choice. Normally, Institute provides the choice of 2-3 Course Teacher per subjects 4 Advanced Learning feature: Institute also offers substantial academic flexibility by allowing students to take the courses they want and finish them at their own pace. Although each 4-year UG degree programme has a defined set of recommended courses for each semester based on the knowledge map, all courses offered by the institute, irrespective of the programme, will be open to students for registration. Students may enroll in the courses they want to take as long as they meet the prerequisite requirements for those courses. This enables students to enroll in

courses at their own pace as faculty may offer courses in both the semesters. Students have been given the opportunity to complete the Higher semester courses well in advance along with lower semester courses. This will facilitate them to get more time in higher semesters to get engaged in developing projects and internships. 5 International faculty has conducted few courses 6 The Annual Quality Assurance Report (AQAR) for the year 2021-2022 is successfully uploaded on NAAC portal on 21-12-2022

**12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:**

| Plan of Action   | Achievements/Outcomes  |
|--|--|
| The first batch of Autonomystudents is to be admitted in2022-23. The autonomy curriculumand evaluation methodologyspecified by each Programme Boardof Studies and Academic Councilare to be applied. | students is admitted in 2022-23. Academic flexibility interms of course selection,time slot, and instructorcould be allowed. Curriculumdesign that is industrial and technology relevant could befeasible. Faculty may modifythe evaluation approach basedon the nature of the course. |

**13. Was the AQAR placed before the statutory body? Yes**

- Name of the statutory body

| Name of the statutory body | Date of meeting(s) |
|----------------------------|--------------------|
| Governing Body             | 17/12/2022         |

**14. Was the institutional data submitted to AISHE ? Yes**

- Year

## Part A

### Data of the Institution

|  |  |
|--|--|
| <b>1.Name of the Institution</b>                                 | Vidyalankar Institute of Technology, Mumbai      |
| • Name of the Head of the institution                            | Dr. Sunil Patekar                                |
| • Designation  | Principal  |
| • Does the institution function from its own campus?             | Yes  |
| • Phone No. of the Principal                                     | 02224102321                                      |
| • Alternate phone No.  | 9892380931                                       |
| • Mobile No. (Principal)   | 9820580658                                       |
| • Registered e-mail ID (Principal)                               | principal@vit.edu.in                             |
| • Address  | Vidyalankar College Marg, Wadala (East), Mumbai. |
| • City/Town  | Mumbai   |
| • State/UT   | MAHARASHTRA                                      |
| • Pin Code   | 400037   |
| <b>2.Institutional status</b>                                    |  |
| • Autonomous Status (Provide the date of conferment of Autonomy) | 15/03/2022                                       |
| • Type of Institution  | Co-education                                     |
| • Location   | Urban  |
| • Financial Status   | Self-financing                                   |
| • Name of the IQAC Co-ordinator/Director                         | Dr. Sangeeta Joshi                               |

|  |   |                |                             |               |             |
|--|---|----------------|-----------------------------|---------------|-------------|
| • Phone No.  | 02224102321   |                |                             |               |             |
| • Mobile No:   | 9405204023  |                |                             |               |             |
| • IQAC e-mail ID   | sangeeta.joshi@vit.edu.in   |                |                             |               |             |
| <b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>   | <a href="https://vit.edu.in/images/downloads/naac-uploads/2021-22/VIT%20AQAR%202021-22.pdf">https://vit.edu.in/images/downloads/naac-uploads/2021-22/VIT%20AQAR%202021-22.pdf</a> |                |                             |               |             |
| <b>4.Was the Academic Calendar prepared for that year?</b>   | Yes   |                |                             |               |             |
| • if yes, whether it is uploaded in the Institutional website Web link:  | <a href="https://vit.edu.in/images/downloads/Academic%20Activity%20Calendar%202022-23.pdf">https://vit.edu.in/images/downloads/Academic%20Activity%20Calendar%202022-23.pdf</a>   |                |                             |               |             |
| <b>5.Accreditation Details</b>   |   |                |                             |               |             |
| Cycle  | Grade   | CGPA           | Year of Accreditation       | Validity from | Validity to |
| Cycle 1  | A+  | 3.41           | 2019                        | 04/03/2019    | 03/03/2024  |
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| <b>7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?</b> |   |                |                             |               |             |
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| <b>9.No. of IQAC meetings held during the year</b>   | 03  |                |                             |               |             |
| • Were the minutes of IQAC meeting(s) and compliance to the decisions taken  | No  |                |                             |               |             |

|  |                           |
|--|---------------------------|
| uploaded on the institutional website?   |                           |
| <ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>   | <a href="#">View File</a> |
| <b>10. Did IQAC receive funding from any funding agency to support its activities during the year?</b>   | No                        |
| <ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>   |                           |
| <b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>   |                           |
| <p>1 The Institute received autonomous status for a period of ten (10) years from the session 2022-2023 to 2031-2032 from UGC (vide letter No. F 22-1/2022(AC) dated March 15, 2022) and University of Mumbai (vide letter No. Aff./ICD/22-23/507 dated June 20, 2022). The University of Mumbai The first batch of Autonomy students is admitted in the A.Y. 2022-23. The autonomy curriculum and evaluation methodology specified by each Programme Board of Studies and Academic Council are successfully implemented.</p> <p>2 National Board of Accreditation (NBA) team visited the institute on November 25-27, 2022, for accreditation of 3 UG departments namely Department of Electronics Engineering, Department of Electronics and Telecommunication Engineering and Department of Biomedical Engineering. Accreditation has been granted to these three programmes for three academic years viz. 2022-23, 2023-24 and 2024-25 i.e. upto June 30, 2025.</p> <p>3 "My Time table" feature: Student have been given opportunity to prepare their own timetable by selecting the suitable time slot of their choice and also selecting the subject teacher of their choice. Normally, Institute provides the choice of 2-3 Course Teacher per subjects</p> <p>4 Advanced Learning feature: Institute also offers substantial academic flexibility by allowing students to take the courses they want and finish them at their own pace. Although each 4-year UG degree programme has a defined set of recommended courses for each semester based on the knowledge map, all courses offered by the institute, irrespective of the programme, will be open to students for registration. Students may enroll in the courses they want to take as long as they meet the prerequisite requirements for those courses. This enables students to enroll in courses at their own pace as faculty may offer courses in both the semesters. Students have been given the opportunity to complete the Higher semester courses well in advance along with</p> |                           |

lower semester courses. This will facilitate them to get more time in higher semesters to get engaged in developing projects and internships. 5 International faculty has conducted few courses 6 The Annual Quality Assurance Report (AQAR) for the year 2021-2022 is successfully uploaded on NAAC portal on 21-12-2022

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Yes

- Name of the statutory body

| Name of the statutory body | Date of meeting(s) |
|----------------------------|--------------------|
| Governing Body             | 17/12/2022         |

**14. Was the institutional data submitted to AISHE ?**

Yes

- Year

| Year      | Date of Submission |
|-----------|--------------------|
| 2022-2023 | 15/02/2024         |

**15. Multidisciplinary / interdisciplinary**

Vidyalankar Institute of Technology is an Engineering and Management Institute, offering UG ,PG and Ph.D. programmes. The



curriculum is well designed to include appropriate proportion of Knowledge, Skills and Attitude and it comprises courses from various categories like Basic Sciences, Humanities and Social Sciences, engineering sciences, general education and branch specific courses including professional elective and open electives. The core courses in Engineering branch help to achieve integral learning of the specific branch. Professional elective courses offer flexibility & diversity to learners to choose appropriate specialization category related to recent developments in their field of Technology. Open elective courses cover multidisciplinary special skill development and project management courses.

As per the guidelines from National Educational Policy 2020, the institute plans to include multidisciplinary

Courses in the field of administrative, managerial, intellectual, social, aesthetic, physical, emotional, cultural and moral. In addition to the Life Enriching and General Education courses, short term and vocational value added courses including course on Mindfulness are being introduced with the objective of making the learners equipped, so that they can pave a way towards self-employment that is to become employers.

We are gradually shifting the focus from STEM to STEMA to inculcate appropriate mix of left and right brain activity. For holistic development of learners apart from technical courses, Humanities and Social Sciences courses are useful in developing the required soft skills and attitude amongst learners. The Curriculum also offers Internship (technical & social) and credit courses like Design Thinking, Wellness of Body, Mind & Spirit, Indian Knowledge System and Universal Human Values under General Category to sensitize students to a value-based learning environment. New courses such as E-Waste Management are introduced as per the requirements of the current times. There are conscious efforts to include projects related to community and Corporate Social Responsibility. The Institute's R&D Committee helps students to identify societal projects. The curriculum is augmented with life Enrichment audit courses for knowledge inspiring Experience.

Curriculum also offers Honors / Minor degree which is open for students of all branches. Moreover, Direct Second Year Engineering admission criteria are also intradisciplinary.

Learner from any branch of Diploma Engineering is allowed to select any branch in Degree Engineering courses as per his / her Interest. We have converted Electronics Engineering program into Electronics and Computer Science from the academic Year 2022-23. All these reforms are in alignment with our Institute's vision

#### **16.Academic bank of credits (ABC):**

As per the guidelines received from University Grants Commission (UGC) New Delhi to University of Mumbai (Affiliating University) for the implementation of Academic Bank of credit (ABC), the Institute has registered on ABC portal to upload the Grades of students.

The ABC IDs for the Student admitted in the academic years 2019-20, 2020-21, 2021-22 and 2022-23 have been generated and communicated to Mumbai University, as per their requirements.

The process for creating ABC IDs for students admitted in A.Y. 2023-24 is on.

#### **17.Skill development:**

The undergraduate curriculum is designed in such a way that the proportion of Knowledge, Skills and Attitude is around 50%, 30% and 20% respectively. Therefore, 30% of total credits are based on skillset development courses. All courses are divided into Basic level, Working level and Expert level competencies. Majority of expert level courses help students for development of allied skill set. As industry experts and international members are involved as cluster mentors, members of Department Advisory Boards / Board of Studies /Academic Council, our curriculum is vetted by mentors from the industry and international members as well. Faculty identify their counterparts in foreign universities. The Institute also plans to offer multiple entry multiple exit options as per the guidelines of National Educational Policy 2020.

In addition to this, the institute is very proactive in developing technical as well as soft skillset of students. Institute offers various skill-based value added courses in diversified domains during winter and summer breaks. Technical workshops are conducted by various departments, student chapters and associations on cutting edge technologies.

#### **18.Appropriate integration of Indian Knowledge system (teaching in Indian Language,**

**culture, using online course)**

Preservation and promotion of our rich Indian knowledge system, culture, traditions and languages is one of the goal of the Institute. A course on Indian Traditional Knowledge System is being offered to First Year Engineering students under the category of General Education. Value added courses like "Shivaji, a Management Guru", "Management Lessons from Panchatantra" are identified. As required from time to time, faculty use student-friendly language like combination of English and Hindi/Marathi, with the objective of achieving comprehension by students.

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

Shift towards autonomy is a catalyst for the Institute's resolve to transform its curriculum towards OBE. Academic flexibility, learner-centric delivery, concept of festival of examinations to create an ambience of a stress-free assessment environment, are various measures towards this end. Continuous assessment is an integral part of delivery. Features of OBE such as more emphasis on in-semester formative assessment and continuous evaluation with focus on skillset development including fair evaluation of abilities related to HOTS through problem based, project based and team based learning pedagogies.

Question Paper setting is in sync with Course Outcomes which collectively contribute towards holistic development. 160 credits across four years are distributed into 20 credits per semester leading to around 25 contact hours per week and this enables more student centric learning activities which are in alignment with NEP 2020.

**20.Distance education/online education:**

Owing to well established digital learning resources, our faculty are accustomed to conducting sessions in blended mode even much before the COVID-19 lockdown. Our classrooms are equipped with Lecture Capture System -LMS through which students can access the recorded lectures for revision and enhanced learning. Even during the odd semester of Academic year 2021-22, the academic calendar of the institute is implemented in blended mode i.e. theory sessions were online and practical sessions in the batch of 20 students were conducted offline. Our faculty is proactive in using ICT enabled technologies such as conducting sessions using digital platforms such as MS Teams, Zoom, Google Classrooms, online quizzes and polls, interactive puzzles, Padlet, Mentimeter, open source tools such as LTSPICE, MATLAB, Visual TCAD, Virtual Labs and others. Our faculty create concept videos

and full length videos and upload them on YouTube to broaden the access and enhance teaching and learning.

The Institute is planning to offer vocational courses in Management Studies through ODL (Open Distance Learning) mode in due course of time. These courses would be affiliated to the All-India Management Association and approved by the All-India Council for Technical Education.

One of the good practices implemented by the Institute in view of NEP 2020 is signing MOU with Coursera and edX, MOOC platforms for offering more than 5000 courses to students as well as faculty. Many students and faculty availed this facility and completed multiple international certification courses from reputed global Universities free of cost.

### Extended Profile

#### 1.Programme

|   |    |
|---|----|
| 1.1   | 10 |
| Number of programmes offered during the year: |    |

| File Description                        | Documents                 |
|---|---------------------------|
| Institutional Data in Prescribed Format | <a href="#">View File</a> |

#### 2.Student

|   |      |
|---|------|
| 2.1                                       | 2906 |
| Total number of students during the year: |      |

| File Description                        | Documents                 |
|---|---------------------------|
| Institutional data in Prescribed format | <a href="#">View File</a> |

|   |     |
|---|-----|
| 2.2   | 786 |
| Number of outgoing / final year students during the year: |     |

| File Description                        | Documents                 |
|---|---------------------------|
| Institutional Data in Prescribed Format | <a href="#">View File</a> |

|  |     |
|--|-----|
| 2.3  | 787 |
| Number of students who appeared for the examinations |     |

| conducted by the institution during the year:  |                           |  |
|--|---------------------------|--|
| File Description   | Documents                 |  |
| Institutional Data in Prescribed Format  | <a href="#">View File</a> |  |
| <b>3.Academic</b>  |                           |  |
| 3.1  | 611                       |  |
| Number of courses in all programmes during the year:   |                           |  |
| File Description   | Documents                 |  |
| Institutional Data in Prescribed Format  | <a href="#">View File</a> |  |
| 3.2  | 121                       |  |
| Number of full-time teachers during the year:  |                           |  |
| File Description   | Documents                 |  |
| Institutional Data in Prescribed Format  | <a href="#">View File</a> |  |
| 3.3  | 121                       |  |
| Number of sanctioned posts for the year:   |                           |  |
| <b>4.Institution</b>   |                           |  |
| 4.1  | 350                       |  |
| Number of seats earmarked for reserved categories as per GOI/State Government during the year: |                           |  |
| 4.2  | 34                        |  |
| Total number of Classrooms and Seminar halls   |                           |  |
| 4.3  | 1146                      |  |
| Total number of computers on campus for academic purposes                                      |                           |  |
| 4.4  | 1516.43547                |  |
| Total expenditure, excluding salary, during the year (INR in Lakhs):                           |                           |  |

**Part B**

## CURRICULAR ASPECTS

### 1.1 - Curriculum Design and Development

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

The curriculum at our institute is meticulously designed to cater to the technical developmental needs at local and global levels. This relevance is reflected in the Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) of all our offered programmes.

The Institute is committed to impart quality education to our students and build competent professionals. So, while developing the curricula, the Institute has followed NEP 4.0 guidelines. To cope up with the current trends and technical developments and to update the learners, the developed curricula is focusing on various upcoming areas such as Machine Learning, Artificial Intelligence, Big data, Data Analytics etc.

To meet the local and global challenges and to enhance the technical competency of the students, the curricula has introduced some minor tracks as well like Intelligent Game Development, Data Forecasting, Smart City-Design & Development etc. The courses are introduced like Social Service Internship, Technical business writing, Project work etc. which are reflected in Program Outcomes PO7 to PO11. These courses ensure that our graduates emerge as well-rounded professionals capable of making meaningful contributions to society at large. Minor/honour tracks are introduced like Embedded systems and IOT, Communication systems, VLSI to cater the cutting-edge technologies.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload additional information, if any | <a href="#">View File</a>   |
| Link for additional information       | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/1.1.1_Olm_AI_Curricula.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/1.1.1_Olm_AI_Curricula.pdf</a> |

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

9

| File Description                                 | Documents                 |
|--|---------------------------|
| Minutes of relevant Academic Council/BOS meeting | <a href="#">View File</a> |
| Details of syllabus revision during the year     | <a href="#">View File</a> |
| Any additional information                       | <a href="#">View File</a> |

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

322

| File Description  | Documents                 |
|---|---------------------------|
| Curriculum / Syllabus of such courses   | <a href="#">View File</a> |
| Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses | <a href="#">View File</a> |
| MoUs with relevant organizations for these courses, if any                                  | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

322

| File Description  | Documents                 |
|---|---------------------------|
| Minutes of relevant Academic Council/BoS meetings       | <a href="#">View File</a> |
| Any additional information                              | <a href="#">View File</a> |
| Institutional data in prescribed format (Data Template) | <a href="#">View File</a> |

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

10

| File Description                                     | Documents                 |
|--|---------------------------|
| Minutes of relevant Academic Council/BoS meetings    | <a href="#">View File</a> |
| Any additional information                           | <a href="#">View File</a> |
| List of Add on /Certificate programs (Data Template) | <a href="#">View File</a> |

### 1.3 - Curriculum Enrichment

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

Institute has integrated cross-cutting issues and value framework of NEP-2020 into curriculum so that the students are motivated to imbibe sense of social responsibility in addition to the domain knowledge.

**Professional Ethics and Human Values:**

To promote ethical decision-making, integrity, accountability, and responsible behaviour, the courses related to Communication, Professional Skills, and Ethics are included in curriculum. These courses emphasize technical communication and writing skills, value education, importance of ethical behavior and social responsibility. Additional activities on corporate etiquette and public speaking are also conducted.

**Gender:**

Gender-related issues are addressed in courses like Entrepreneurship Management. Modules on Gender bias and Human rights including, sexual and reproductive rights, rights to equality and non-discrimination, women entrepreneurship, values, and gender socialization are discussed in these courses. Institute organized activity on Gender Sensitization.

**Environment and Sustainability:**

"Environmental management" course covers the topics on ecosystem, food chain and environment related legislations whereas "Waste management - Process, concept and working" course covers key elements of the waste management system, such as its technical, environmental, social, financial, and institutional aspects.

Our students are empowered to become lifelong learners, critical



thinkers, and agents of positive change, in line with policy's vision and can tackle complex challenges of world.

| File Description  | Documents                 |
|---|---------------------------|
| Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |

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

40

| File Description   | Documents                 |
|--|---------------------------|
| List of value-added courses                                    | <a href="#">View File</a> |
| Brochure or any other document relating to value-added courses | <a href="#">View File</a> |
| Any additional information                                     | <a href="#">View File</a> |

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

340

| File Description           | Documents                 |
|----------------------------|---------------------------|
| List of students enrolled  | <a href="#">View File</a> |
| Any additional information | <a href="#">View File</a> |

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

2296

| File Description  | Documents                 |
|---|---------------------------|
| List of programmes and number of students undertaking field projects / internships / student projects | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |

## 1.4 - Feedback System

**1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni** **A. All 4 of the above**

| File Description  | Documents   |
|---|---|
| Provide the URL for stakeholders' feedback report   | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/1.4.1_OnM_CU_F/BSyll.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/1.4.1_OnM_CU_F/BSyll.pdf</a> |
| Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management | <a href="#">View File</a>   |
| Any additional information  | <a href="#">View File</a>   |

**1.4.2 - The feedback system of the Institution comprises the following** **A. Feedback collected, analysed and action taken made available on the website**

| File Description                              | Documents   |
|---|---|
| Provide URL for stakeholders' feedback report | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/1.4.2_OnM_AI_F/BSystem.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/1.4.2_OnM_AI_F/BSystem.pdf</a> |
| Any additional information                    | <a href="#">View File</a>   |

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment of Students

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

809

| File Description                        | Documents                 |
|---|---------------------------|
| Any additional information              | <a href="#">View File</a> |
| Institutional data in prescribed format | <a href="#">View File</a> |

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

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information                                    | <a href="#">View File</a> |
| Number of seats filled against seats reserved (Data Template) | <a href="#">View File</a> |

## 2.2 - Catering to Student Diversity

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

To assess the learning level of a student, the Institute incorporates several methods for identifying the slow and advanced learners. A combination of different assessment tools and strategies are finalized in the Institute. Various activities and assignments are planned for advanced and slow learners.

**Classroom Assessments:** Teachers regularly assess the students' learning levels through various classroom activities, quizzes, and tests. They help teachers gauge students' understanding, identify areas of improvement, and adjust their teaching strategies. Some of the assessment tools used in the Institute are Class Tests, Quizzes, Open Book Test and Take-Home Test.

**Formative Assessments:** Formative assessments are conducted during the learning process to monitor progress and provide immediate feedback from the students. This assessment is used to test the students' knowledge using no standard criteria. Some examples are Students Seminars, Poster Presentations, Group Discussions etc.

**Activities and Assignments:** The activities and special assignments are given to students as per their learning levels. The special assignments are given like IEEE research paper review, Research article or blog writing, etc. to advanced learners. The assignments are given like Take home test, Quizzes, class tests etc. to slow learners to practice the concepts and their performance is improved in the examinations.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.2.1_AI_Student%20Learning%20Levels.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.2.1_AI_Student%20Learning%20Levels.pdf</a> |

### 2.2.2 - Student – Teacher (full-time) ratio

| Year       | Number of Students | Number of Teachers |
|------------|--------------------|--------------------|
| 01/07/2023 | 2906               | 121                |

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | <a href="#">View File</a> |

## 2.3 - Teaching- Learning Process

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

The Institute incorporates various student-centric methods for ensuring enhanced learning experience and thereby attains effective curriculum delivery. At the beginning of the semester, during preview process, cluster mentors rigorously review the Academic Administration Plan (AAP) and ensures that variety of student-centric methods are included. At the end of semester, during review process, panel of experts verifies the content delivery specified in AAP.

### Experiential learning

- Lab Experiments: Online open-source simulators/software, Virtual labs
- Hands-on Workshops like Basics of MATLAB, Machine Learning etc.
- Internships-Internal and External Internships
- Live Projects
- Business Simulations

### Individual learning:

- Value-added Assignments/Quizzes/Crosswords

- Online courses: NPTEL/MIT-OCW/Coursera, etc.(Institute has tie-up with edX, Coursera)
- Interactive Language Lab
- Poster presentation

Participative/collaborative learning:

- Student Seminars
- v-Talks Webinar Series- Talk series by Eminent personalities
- Mini Projects: "Android Penetration Check"," Wild Animal Tracker" etc.
- Group discussions
- Flipped Classroom
- Various Competitions: Hackathon2022, Reverse Coding, Hackatronics, IEEE Xtreme -2022, Tantravihar 2022 etc.
- Committee activities: Crossing Perceptions, IRIS-2023, Voyager-Shark Tank-2023, Robotic Process Automation, ALGORHYTHM 2023, Enthusia 2023', E summit- Entrepreneurship Opportunities in Healthcare, TechBids, etc.
- Student Development Program- "Continuum: Strengthening the learning curve"
- Gaming Activities - Kahoot game, Quizlet games, Quizz etc.

Problem based learning:

- Problem Based Learning Experiments
- Case Studies
- Scholarly Term Paper
- Research Paper Review

| File Description                  | Documents   |
|-----------------------------------|---|
| Upload any additional information | <a href="#">View File</a>   |
| Link for additional Information   | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.3.1_AI_Student-Centric%20Methods.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.3.1_AI_Student-Centric%20Methods.pdf</a> |

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

Teachers at VIT have embraced Information and Communication Technology (ICT) to enhance their teaching methods and provide

students with valuable learning experiences. ICT-enabled tools and online resources play a pivotal role in this transformation.

In our Institute Teachers have access to a vast array of online resources that supplement traditional teaching materials like educational websites, interactive simulations, video lectures, and e-books, among others. Under the umbrella of V-provisions, various ICT-enabled processes such as V-Live, V-refer, V-MIS, V-print, V-attendance, V-tutorials E-learning and OCW are included. In our Institute the commonly used ICT tools are Lecture Capture, LMS, MOODLE, ERP, MS Office Tools, Teams Platform, Video conferencing and Skype, Situating Tools (Simulation, Virtual Reality, Hypermedia, and Presentations), and Individual laptops per faculty. Effective student engagement is ensured through the use of various TLP tools like Flipgrid, Padlet, Polly, Kahoot, Mind maps, crosswords, concept videos, etc.

Virtual experiments are created by faculty and practical sessions are conducted through virtual labs, simulations, and various open-source tools and Licensed software.

Teachers can use these tools to supplement their teaching by explaining concepts more effectively but also empower students to take charge of their learning journey.

| File Description   | Documents   |
|--|---|
| Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.3.2_AI_ICT-enabled%20tools.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.3.2_AI_ICT-enabled%20tools.pdf</a> |
| Upload any additional information  | <a href="#">View File</a>   |

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

#### 2.3.3.1 - Number of mentors

121

| File Description  | Documents                 |
|---|---------------------------|
| Upload year-wise number of students enrolled and full-time teachers on roll | <a href="#">View File</a> |
| Circulars with regard to assigning mentors to mentees                       | No File Uploaded          |

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

The Institute is aware of the importance of a carefully thought-out academic calendar and teaching plans in offering its students a structured and organised learning environment.

The Chief Academic Officer in consultation with The Principal, Vice Principal, Director of the Internal Quality Assurance Cell, and the Board of Studies members prepares the Academic Calendar for the effective functioning of the Institution.

The Academic Calendar, which lists significant dates, occasions, holidays, and academic activities, acts as a road map for the full academic year. The Academic Calendar gives information about the calendar of classes, exams, assignments, projects, and co-curricular events to students, professors, and other stakeholders in a clear and transparent manner.

For every course, professors prepare Academic Administration plans. These plans specify the learning objectives, subjects to be covered, teaching techniques, evaluation procedures, and anticipated results for each class session. Faculty members frequently evaluate and revise their lesson plans to include new information, especially of the use of ICT-enabled tools and facilities developing trends, and input from students and Board of Studies members.

For the Institute to retain its academic standards and integrity, adherence to the academic calendar and academic plan encourages uniformity in content delivery.

| File Description  | Documents                 |
|---|---------------------------|
| Upload the Academic Calendar and Teaching Plans during the year | <a href="#">View File</a> |

## 2.4 - Teacher Profile and Quality

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

121

| File Description   | Documents                 |
|--|---------------------------|
| Year-wise full-time teachers and sanctioned posts for the year | <a href="#">View File</a> |
| List of the faculty members authenticated by the Head of HEI   | <a href="#">View File</a> |
| Any additional information                                     | No File Uploaded          |

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

28

| File Description  | Documents                 |
|---|---------------------------|
| List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |

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

1366

| File Description  | Documents                 |
|---|---------------------------|
| List of teachers including their PAN, designation, Department and details of their experience | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |

**2.5 - Evaluation Process and Reforms****2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year**

26



| File Description   | Documents                 |
|--|---------------------------|
| List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |

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

150

| File Description  | Documents                 |
|---|---------------------------|
| Upload the number of complaints and total number of students who appeared for exams during the year | <a href="#">View File</a> |
| Upload any additional information   | <a href="#">View File</a> |

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

The examination structure comprises Mid-Semester Exam (MSE), End-Semester Exam (ESE), and In-Semester Assessment (ISA).

#### 1. IT Integration in examination:

The implementation of softcopy mark sheets for faculty has enhanced grading efficiency, enabling teachers to quickly complete marks entry with verification by Heads of Departments. Further integration involves Vidyalankar Management Information System (VMIS) for precise mark data entry along with validation and verification of marks.

#### 2. Reforms in the examination procedures and processes:

##### a. MSE and ESE examination

- We introduce the "Festival of Examination" to replace traditional oral and practical exams, aiming to instil confidence and welcome learning opportunities.
- MSE papers are audited by cluster mentors, ensuring alignment with course outcomes and Bloom's taxonomy.

- The ESE comprises three sets of papers—two internal and one external—of which one is chosen for examination.
- Post-results, an Open-Day allows students to review corrected answer books, and interested students have the option of a repeat examination for both MSE and ESE.

#### b. In-Semester Assessment

The institution employs online examination systems for various ISA activities, such as POP quizzes and Mobile app-based quizzes. LMS platforms like V-Refer, Lecture Capture-enabled classrooms, and MS-Teams are used to manage course materials, assignments, and facilitate faculty-student communication.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.5.3_AI_IT%20integration%20and%20reforms%20in%20the%20examination.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.5.3_AI_IT%20integration%20and%20reforms%20in%20the%20examination.pdf</a> |

## 2.6 - Student Performance and Learning Outcomes

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

The institution recognizes the importance of clearly defined learning outcomes, both at the program level and the course level, to ensure a focused and effective educational experience for its students. These learning outcomes, also known as graduate attributes or program and course outcomes, are integrated into the assessment process and widely publicized through various platforms. The institution evaluates the attainment of these outcomes to ensure the quality and relevance of its educational programs.

The Dissemination of the Learning Outcomes is done through various channels

1. Digital Media
  - Institute Website(www.vit.edu.in)
  - Internal MIS (ERP)
2. Print media
  - Staff Diary

- Course diary
  - Academic Administration Plan
  - IA audit form
3. Outdoor - Boards at prominent places
  4. Instructional Areas
    - Laboratories
    - Seminar Hall
  5. Administrative Areas
    - Department offices
    - Faculty rooms
  6. Activities/Meetings
    - Orientation / Induction programme
    - Presentation of lesson plan in the first lecture
    - Departmental meetings

| File Description   | Documents   |
|--|---|
| Upload COs for all courses (exemplars from the Glossary) | <a href="#">View File</a>   |
| Upload any additional information                        | <a href="#">View File</a>   |
| Link for additional Information                          | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.6.1_AI_POs%20and%20COs%20stated%20and%20displayed%20on%20multiple%20places.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.6.1 AI POs%20and%20COs%20stated%20and%20displayed%20on%20multiple%20places.pdf</a> |

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

To evaluate the attainment of the learning outcomes, the institution employs various assessment methods.

The Learning outcomes are quantified in the form of Course Attainments and Program Attainments

Course Outcome attainment: It is based on the following components.

1. Internal Evaluation (20%Weightage) comprising IA Tests, Lab work, Assignments etc.

2. External Evaluation (80%Weightage) comprising of End Semester Theory and Oral/Practical Examination

Levels are based on the percentage of number of students who score above the calculated threshold value.

#### PO Attainment

PO attainment is carried out using Direct and Indirect tools. CO-PO mapping is used as a Direct tool for PO attainment.

Direct Tools (80% weightage): Attainment of COs for all the courses under the Programme is carried out and based on CO-PO mapping table of the entire programme, attainment of each PO is carried out.

#### Indirect tools

- Program exit survey
- Employer Survey
- Alumni Feedback

#### PSO Attainment:

It is same as calculation of PO attainment

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.6.2_AI_Sample%20attainment%20of%20POs%20and%20COs.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.6.2_AI_Sample%20attainment%20of%20POs%20and%20COs.pdf</a> |

### 2.6.3 - Pass Percentage of students

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

786

| File Description  | Documents   |
|---|---|
| Upload list of Programmes and number of students appear for and passed in the final year examinations | <a href="#">View File</a>   |
| Upload any additional information   | <a href="#">View File</a>   |
| Paste link for the annual report  | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.6.3_AI_Pass%20Percentage%20of%20students.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.6.3_AI_Pass%20Percentage%20of%20students.pdf</a> |

## 2.7 - Student Satisfaction Survey

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

[https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.7.1 AI Student%20Satisfaction%20Survey.pdf](https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.7.1_AI_Student%20Satisfaction%20Survey.pdf)

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

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

The research facilities are regularly updated as per the requirement. There is a well-defined policy for promotion of research and the same is available on the college website. The college offers doctoral degree in Computer Engineering disciplines under University of Mumbai. The revised Research Policy of the College comprising the Research Promotion Policy, Plagiarism Check, Research Ethics, Research Consultancy Policy, Seed Money Research Grant, and College Research Regulations govern all processes starting from admission to submission of thesis. The Institute takes care to provide physical infrastructure such that the faculty and students involved with research are motivated.

VIT Research Grants (Seed Money) provides monetary assistance for research. Research facilities, well equipped research laboratories with advanced equipment, digitized library and softwares to assist research include plagiarism checking softwares.

To promote research, special lectures on writing a good manuscript, ethics in research, IPR, writing of research proposals and consultancy are regularly organised.

College also facilitates the participation of the faculty members in seminars, conferences, workshops, etc. at national and international levels.

| File Description   | Documents   |
|--|---|
| Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption | <a href="#">View File</a>   |
| Provide URL of policy document on promotion of research uploaded on the website  | <a href="https://vit.edu.in/images/downloads/rnd/VIT%20R&amp;D%20Policy.pdf">https://vit.edu.in/images/downloads/rnd/VIT%20R&amp;D%20Policy.pdf</a> |
| Any additional information   | <a href="#">View File</a>   |

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

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

00

| File Description  | Documents                 |
|---|---------------------------|
| Minutes of the relevant bodies of the institution regarding seed money                                      | <a href="#">View File</a> |
| Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized | <a href="#">View File</a> |
| List of teachers receiving grant and details of grant received  | No File Uploaded          |
| Any additional information  | No File Uploaded          |

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

03

| File Description  | Documents                 |
|---|---------------------------|
| e-copies of the award letters of the teachers                     | <a href="#">View File</a> |
| List of teachers and details of their international fellowship(s) | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |

### 3.2 - Resource Mobilization for Research

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

24

| File Description   | Documents                 |
|--|---------------------------|
| e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations | <a href="#">View File</a> |
| List of projects and grant details   | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |

#### 3.2.2 - Number of teachers having research projects during the year

01

| File Description                          | Documents   |
|---|---|
| Upload any additional information         | <a href="#">View File</a>   |
| Paste link for additional Information     | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/3.2.2_AI_Teachers%20research%20projects.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/3.2.2_AI_Teachers%20research%20projects.pdf</a> |
| List of research projects during the year | <a href="#">View File</a>   |

#### 3.2.3 - Number of teachers recognised as research guides

12

| File Description  | Documents                 |
|---|---------------------------|
| Upload copies of the letter of the university recognizing teachers as research guides | <a href="#">View File</a> |
| Institutional data in Prescribed format   | <a href="#">View File</a> |

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

01

| File Description                          | Documents   |
|---|---|
| Supporting document from Funding Agencies | <a href="#">View File</a>   |
| Paste link to funding agencies' website   | <a href="https://www.tih.iitb.ac.in/tih-iot-chanakya-fellowship-program-2022-2023-3/">https://www.tih.iitb.ac.in/tih-iot-chanakya-fellowship-program-2022-2023-3/</a> |
| Any additional information                | <a href="#">View File</a>   |

### 3.3 - Innovation Ecosystem

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

The institute has created an ecosystem for Research and Innovation in this regard we developed an Incubation center, Entrepreneurship to initiate transfer of knowledge. The institute has Research and Development Cell to motivate and create research culture among faculty members and students.

Promoting Innovation: Incubation Centre and Entrepreneurship Cell (E-cell) initiates various activities to identify and nurture the latent entrepreneurial spirit of students and provide them opportunities for excellence. Activities like Innovate to Elevate, Business Model Canvas. Encouragement to establish different clubs for students by the departments for industry careers through various training programmes.

The R&D ecosystem constitutes Human manpower infrastructure comprising 11 recognized research guides, 28 doctorate faculty and 16 faculty pursuing Ph.D programs. Physical infrastructure comprising well equipped Library and laboratories with modern



simulation tools and equipment for carrying research activities.

To facilitate research studies we have Mumbai University approved Ph.D. Programme for Computer Engineering.

Research and Development Committee facilitate creation and transfer of knowledge by conducting technical workshops, seminars, industrial visits, workshop on research proposal writing, research mentoring workshop, Training programs, National and International Conferences, Book Reviews/Paper Reviews, Technical presentations by faculty members and also provides mechanism for submission of minor and major research proposals for funding by Institute/University. College has signed MOUs with industries to promote real-time project development.

AET Journal: Institute publishes technical journal 'Applied Engineering and Technologies', with ISSN: 2278-1722 annually. Quality of reviewed research papers is ensured through reviews.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/3.3.1_AI_Innovations.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/3.3.1_AI_Innovations.pdf</a> |

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

06

| File Description                                     | Documents                 |
|--|---------------------------|
| Report of the events                                 | <a href="#">View File</a> |
| List of workshops/seminars conducted during the year | <a href="#">View File</a> |
| Any additional information                           | No File Uploaded          |

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research**

A. All of the above

**Ethics in the research methodology course  
work Plagiarism check through  
authenticated software**

| File Description   | Documents                 |
|--|---------------------------|
| Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |

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

**3.4.2.1 - Number of PhD students registered during the year**

15

| File Description   | Documents   |
|--|---|
| URL to the research page on HEI website  | <a href="https://vit.edu.in/rnd.html">https://vit.edu.in/rnd.html</a> |
| List of PhD scholars and details like name of the guide, title of thesis, and year of registration | <a href="#">View File</a>   |
| Any additional information   | <a href="#">View File</a>   |

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

13

| File Description  | Documents                 |
|---|---------------------------|
| List of research papers by title, author, department, and year of publication | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |

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

00

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Upload any additional information     | <a href="#">View File</a> |
| Paste link for additional information | Nil                       |

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

#### 3.4.5.1 - Total number of Citations in Scopus during the year

04

| File Description                                  | Documents                 |
|---|---------------------------|
| Any additional information                        | <a href="#">View File</a> |
| Bibliometrics of the publications during the year | <a href="#">View File</a> |

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

#### 3.4.6.1 - h-index of Scopus during the year

00

| File Description   | Documents                 |
|--|---------------------------|
| Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |

### 3.5 - Consultancy

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

121000

| File Description   | Documents                 |
|--|---------------------------|
| Audited statements of accounts indicating the revenue generated through consultancy and corporate training | <a href="#">View File</a> |
| List of consultants and revenue generated by them  | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |

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

52000

| File Description  | Documents                 |
|---|---------------------------|
| Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy | <a href="#">View File</a> |
| List of training programmes, teachers and staff trained for undertaking consultancy   | <a href="#">View File</a> |
| List of facilities and staff available for undertaking consultancy  | No File Uploaded          |
| Any additional information  | <a href="#">View File</a> |

### 3.6 - Extension Activities

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

National Service Scheme of Vidyalankar Institute of Technology, in pursuit of its service to community and society. various activities undertaken in the neighborhood community are:

NSS-VIT, committed to creating a healthier and more sustainable society, engages in diverse initiatives. Collaborating with the Jay Foundation and Seafins, we've spearheaded impactful beach cleanup drives, transforming Mumbai's beaches into plastic-free zones during Earth Day and World Environment Day. Partnering with the Beach Please Committee, we've targeted Girgaon Chowpatty and Mithi River at Bandra to combat plastic pollution while preserving

natural beauty. Additionally, our collaboration with the CAP Foundation for pet adoption events and the Stray Shelter initiative showcases our dedication to environmental and animal welfare.

Health remains a top priority. We actively participate in disease prevention drives, such as the polio vaccination campaign, and advocate for addiction-free living through the De-addiction Rally. Our holistic health approach includes Yoga Sessions, Aerobics Workshops, and Nutrition Awareness Programs. Moreover, our Orphanage Teaching Program, conducted in collaboration with Shivprerna Prabodhini and Hunar Seekho NGO, focuses on bridging educational gaps in remote slums. Notably, NSS-VIT integrates social service as part of its academic curriculum through the Social Service Scheme (SSI), a credit-based course. This initiative partners with the Vihangam Centre for Social Welfare, Hariyali, Seva Sahyog, and Mumbai Gujarati Sangathan, amplifying our impact on societal welfare and encouraging active community engagement among our students.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/3.6.1_AI_Extension%20activities.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/3.6.1_AI_Extension%20activities.pdf</a> |

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

01

| File Description   | Documents                 |
|--|---------------------------|
| Number of awards for extension activities in during the year | <a href="#">View File</a> |
| e-copy of the award letters                                  | <a href="#">View File</a> |
| Any additional information                                   | No File Uploaded          |

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

30

| File Description                | Documents                 |
|---------------------------------|---------------------------|
| Reports of the events organized | <a href="#">View File</a> |
| Any additional information      | <a href="#">View File</a> |

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

813

| File Description           | Documents                 |
|----------------------------|---------------------------|
| Reports of the events      | <a href="#">View File</a> |
| Any additional information | <a href="#">View File</a> |

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

407

| File Description                               | Documents                 |
|--|---------------------------|
| Copies of documents highlighting collaboration | <a href="#">View File</a> |
| Any additional information                     | <a href="#">View File</a> |

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

19

| File Description  | Documents                 |
|---|---------------------------|
| e-copies of the MoUs with institution/ industry/ corporate house  | <a href="#">View File</a> |
| Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |

**INFRASTRUCTURE AND LEARNING RESOURCES**

## 4.1 - Physical Facilities

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

The Institute fulfils all the norms specified by the statutory bodies in terms of land requirement, instructional, administrative and amenities area.

**Classrooms:** All 34 classrooms are air conditioned. The entire campus is Wi-Fi enabled. All classrooms are ICT enabled with projector facility. In addition, 7 classrooms have smart boards, and 16 classrooms are equipped with "IMPARTUS Lecture Capture" system (LMS).

**Laboratories:** All 58 laboratories are well-equipped with the latest equipment like Spectrum Analyzers, Logic Analyzer and Vector Network Analyzers. The laboratories have around 47 licensed software/simulation tools like MATLAB, CADENCE, ORCAD, IE3D, OPTISIM, Genesis, Rational Rose, TCAD, Oracle, etc. The Language Laboratory has 20 Apple Machines and training software.

**Computing equipment and IT Facilities:** The Institute has a central server with 1146 computing machines.

**Library:** The Central Library is well-equipped with 8176 titles, 41322 volumes and subscribes to both national and international journals like IEEE, EBSCO, K-Hub etc.

**Other infrastructure:** All programmes have dedicated seminar halls. A vibrant auditorium with space of 6000 sq.ft. and 264 seating capacity is also available in the campus.

**Awards for Infrastructure:**

The institute has received internationally acclaimed "Design Share Honor", "Top Institutional Theatre Design in the world" and "Professional Lighting Design" awards.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.1.1_OIM_AI_Infrastructure%20Facilities.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.1.1_OIM_AI_Infrastructure%20Facilities.pdf</a> |

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

The Institute has state of the art and well-maintained sports facilities with full-time qualified Sports Officers to train and guide students.

**Cultural Activities:** Cultural activities are carried out all-round the year at the Amphitheatre, Auditorium, Plaza, and Playgrounds. The institute conducts many dance workshops, movie screenings, skits, rock shows, and theatre workshops. The Annual Intercollegiate Festival - "VERVE" receives participation from around 60 other colleges and has also witnessed the presence of famous personalities like Priyanka Chopra, Ranveer Singh, Arjun Kapoor, Avadhoot Gupte, Nucleya, Aarman Malik, etc.

**Yoga:** The institute has a dedicated Yoga Centre. The institute also conducts many Yoga sessions for students and celebrates international Yoga Day annually. This helps the students to channelize their focus and sharpen the body, mind, and spirit in the right direction.

**Sports and Games:**

- **Indoor games:** The institute has earmarked an area (S-Block) known as DEN for indoor sports. It has games like Table Tennis, Chess, Carom, pool, Air Hockey, Foosball, Play Stations (PS4) and Karaoke room.
- **Outdoor games:** The Institute has a multi-court for Volleyball, Basketball and Tennis. It also has two playgrounds for cultural activities and outdoor sports like Football, Cricket, Kabaddi, Kho-Kho, Athletics, and a Badminton Court.



| File Description                      | Documents   |
|---------------------------------------|---|
| Geotagged pictures                    | <a href="#">View File</a>   |
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.1.2_OlM_AI_Extracurricular%20Facilities.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.1.2_OlM_AI_Extracurricular%20Facilities.pdf</a> |

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

37

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | <a href="#">View File</a> |

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

128.11520

| File Description   | Documents                 |
|--|---------------------------|
| Upload audited utilization statements                      | <a href="#">View File</a> |
| Details of Expenditure, excluding salary, during the years | <a href="#">View File</a> |
| Any additional information                                 | <a href="#">View File</a> |

## 4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

**ILMS software (vMIS):**

VIT's library, a haven for intellectual exploration and academic growth, offers an extensive collection of books, journals, and digital resources. To embrace a paperless future, VIT has initiated library automation, powered by its vMIS (Vidyalankar

Management Information System) software, accessible to both staff and students through the Internet or Intranet. The library is in the process of migrating to third-party library software for automating all functions.

#### E-resources:

For electronic resources, VIT's library subscribes to 190+ journals and 1700+ proceedings via IEEE Xplore, the EBSCO host database with 3900+ academic e-journals, 500+ peer-reviewed journals, and 1800+ magazines. Partnerships with "Spoken Tutorial" offer courses, and K-Hub e-resources provide access to 1000+ e-books and 100 magazines. A DrillBit plagiarism software aids academic pursuits. Remote access of e-resources facility is available.

#### Library Usage:

The library includes a dedicated reading and reference section with seating capacity of 170+, 10 dedicated desktops for e-resource access, 30,000+ volumes and 6,000+ titles. The library offers a vast selection of printed materials, accommodating diverse learning preferences and research interests.

The institute has also registered for National Digital Library of India and we actively conduct various activities (6 per year) under the NDL. The Institute has also procured Integrated platform for accessing the e-resources including journals, e-books, magazines etc.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.2.1_QlM_AI_Library%20Management%20System.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.2.1_QlM_AI_Library%20Management%20System.pdf</a> |

**4.2.2 - Institution has access to the following:** A. Any 4 or more of the above  
**e-journals e-ShodhSindhu Shodhganga**  
**Membership e-books Databases Remote**  
**access to e-resources**

| File Description  | Documents                 |
|---|---------------------------|
| Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership | <a href="#">View File</a> |
| Upload any additional information   | <a href="#">View File</a> |

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

32.76

| File Description   | Documents                 |
|--|---------------------------|
| Audited statements of accounts   | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | <a href="#">View File</a> |

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

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

146

| File Description   | Documents                 |
|--|---------------------------|
| Upload details of library usage by teachers and students | <a href="#">View File</a> |
| Any additional information                               | <a href="#">View File</a> |

### 4.3 - IT Infrastructure

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

Vidyalankar Institute of Technology is facilitated with extensive computing infrastructure. Institute upgrades ICT enabled infrastructure periodically by procuring suitable software and hardware for the enhancement of teaching-learning and networking capabilities. IT policy of the Institute ensures authenticity of installation of software tools, responsibility of maintenance and timely renewal of all software of the Institution. Institution has

an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities. Acceptable use of policy is applicable to Employees, Students, Vendors and Visitors. Institute have framed various policies like Procurement, Installation of Hardware, Network, and software.

Website Hosting and Database Usage policy has its method and hierarchy which is followed systematically.

Institution provides a definite and required annual budget for upgradation of IT facilities which are audited as per the balance sheet and changes in the system as follows:

- Institute has upgraded from 200Mbps to 500Mbps internet bandwidth (1:1) leased line with Vodafone as the service provider.
- High-End SOPHOS-SG-430 is the main firewall, offering best performance satisfying expanding security needs. It manages 40 SOPHOS and TP Link with 10 access points.
- Online Services like application portal, fee payment, marks (SGPA) visible to students, provisional results are provided to students.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.3.1_QlM_AI_%20IT%20Facilities%20.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.3.1_QlM_AI_%20IT%20Facilities%20.pdf</a> |

#### 4.3.2 - Student - Computer ratio

| Number of Students | Number of Computers |
|--------------------|---------------------|
| 2906               | 1146                |

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | <a href="#">View File</a> |

#### 4.3.3 - Bandwidth of internet connection in A. ?50 Mbps

### the Institution and the number of students on campus

| File Description                                  | Documents                 |
|---|---------------------------|
| Details of bandwidth available in the Institution | <a href="#">View File</a> |
| Upload any additional information                 | No File Uploaded          |

**4.3.4 - Institution has facilities for e-content development:** A. All four of the above  
**Facilities available for e-content development** Media Centre  
 Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

| File Description   | Documents   |
|--|---|
| Upload any additional information                            | <a href="#">View File</a>   |
| Paste link for additional information                        | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.3.4%20OnM%20AI%20Facilities%20for%20e-content%20development.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.3.4 OnM AI Facilities%20for%20e-content%20development.pdf</a> |
| List of facilities for e-content development (Data Template) | <a href="#">View File</a>   |

### 4.4 - Maintenance of Campus Infrastructure

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

**880.38488**

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Audited statements of accounts    | <a href="#">View File</a> |
| Upload any additional information | No File Uploaded          |

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

VIT's Department of Facility Management (FM) diligently maintains and optimizes educational, physical, and support facilities.

**Maintenance of Physical Infrastructure and Support Facilities:**

FM ensures both routine and preventive maintenance. Housekeeping employs automated tools for daily cleaning, and skilled professionals handle minor repairs. Preventive maintenance encompasses painting schedules, structural audits, fire safety equipment servicing, HVAC maintenance, CCTV upkeep, lift maintenance, water and septic tank cleaning, audio-visual system maintenance, pest control, and smart board maintenance through contracted services.

**Maintenance of IT Infrastructure:**

The institute's IT department, including a system administrator and support staff, manages the IT infrastructure, which includes desktops and networking hardware.

**Utilization of Facilities:**

**Classrooms/Laboratories/Tutorial Rooms:** The FM department conducts pre-semester maintenance to ensure proper functioning of fixtures, AC systems, and furniture.

**Library:** The librarian and support staff maintain the library through in-house Library Management Software, with the assistance of a library committee for resource procurement.

**Sports Complex:** The sports department, with instructors and a sports officer, manages sports facilities and maintenance. They also organize sports events, training sessions, and matches.

Through these systematic procedures and dedicated departments, VIT ensures proper upkeep and effective utilization of facilities, promoting academic and physical well-being.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.4.2_OIM_AI_Maintenance%20Policy.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.4.2_OIM_AI_Maintenance%20Policy.pdf</a> |

**STUDENT SUPPORT AND PROGRESSION**

## 5.1 - Student Support

### 5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1379

| File Description  | Documents                 |
|---|---------------------------|
| Upload self-attested letters with the list of students receiving scholarships | <a href="#">View File</a> |
| Upload any additional information   | <a href="#">View File</a> |

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

109

| File Description                        | Documents                 |
|---|---------------------------|
| Upload any additional information       | <a href="#">View File</a> |
| Institutional data in prescribed format | <a href="#">View File</a> |

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

| File Description                              | Documents   |
|---|---|
| Link to Institutional website                 | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/5.1.3_QnM_AI_Capacity%20Development%20and%20Skill%20Enhancement%20Activities.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/5.1.3_QnM_AI_Capacity%20Development%20and%20Skill%20Enhancement%20Activities.pdf</a> |
| Details of capability development and schemes | <a href="#">View File</a>   |
| Any additional information                    | <a href="#">View File</a>   |

### 5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations

**and career counselling offered by the institution during the year**

1060

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template) | <a href="#">View File</a> |

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

A. All of the above

| File Description   | Documents                 |
|--|---------------------------|
| Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee | <a href="#">View File</a> |
| Details of student grievances including sexual harassment and ragging cases  | <a href="#">View File</a> |
| Upload any additional information  | No File Uploaded          |

**5.2 - Student Progression****5.2.1 - Number of outgoing students who got placement during the year**

404



| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Self-attested list of students placed | <a href="#">View File</a> |
| Upload any additional information     | <a href="#">View File</a> |

### 5.2.2 - Number of outgoing students progressing to higher education

34

| File Description                                  | Documents                 |
|---|---------------------------|
| Upload supporting data for students/alumni        | <a href="#">View File</a> |
| Details of students who went for higher education | <a href="#">View File</a> |
| Any additional information                        | No File Uploaded          |

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

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

53

| File Description                           | Documents                 |
|--|---------------------------|
| Upload supporting data for students/alumni | <a href="#">View File</a> |
| Any additional information                 | <a href="#">View File</a> |

### 5.3 - Student Participation and Activities

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

12

| File Description                           | Documents                 |
|--|---------------------------|
| e-copies of award letters and certificates | <a href="#">View File</a> |
| Any additional information                 | <a href="#">View File</a> |

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

The student council, encompassing the cultural, technical, sports and literary council, plays a pivotal role in providing a well-rounded educational experience for students & overall development of students by fostering cultural understanding, technological literacy, physical fitness and literary skills. Students participate in student council activities and gain valuable leadership experiences, learn to collaborate effectively and develop a sense of responsibility towards. Thus, the student council serves as a catalyst in creating a vibrant, inclusive, and nurturing educational environment, preparing students for success in personal and professional lives.

In addition to this, Student Associations like CESA, ITSA, EESA, ETSA, BMSA, are also established in each department. Student Chapters and Student Associations in Vidyalankar actively organize various technical workshops, invited talks, skills and knowledge enhancement program, technical seminars etc.

Our students are associated with professional bodies such as ACM, CSI, IEEE, ISTE, IETE, BMESI, Master of Management Studies Professional Body (MMPSB) through establishment of Student Chapters.

Our students represent as member of Department Advisory Board (DAB) of their parent department which is crucial for fostering student engagement, empowerment and inclusivity. By involving students in decision-making processes we ensure that the student voice is heard and considered.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/5.3.2_OlM_AI_Student%20Council%20.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/5.3.2_OlM_AI_Student%20Council%20.pdf</a> |

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

| File Description   | Documents                 |
|--|---------------------------|
| Report of the event  | <a href="#">View File</a> |
| List of sports and cultural events / competitions organised per year | <a href="#">View File</a> |
| Upload any additional information                                    | No File Uploaded          |

## 5.4 - Alumni Engagement

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

The Alumni Committee connects alumni to the Institute through various digital means, and alumni contribute significantly to institutional development. Vidyalankar Institute of Technology (VIT) has devised mechanisms like the Alumni Committee, Directory, and the Alumni App "Alma Shine."

Since 2003, The Alumni Committee has nurtured a bond with the alma mater and receives feedback on curriculum delivery, assessment mechanisms, and guest sessions on alumni success stories to enhance employment opportunities and create a networking platform.

VIT has a highly informative alumni directory having data on its alma mater from 2003 till date. The Alumni Directory keeps track of alumni with different sorting methods, and the Alumni Android app has over 6000 registered alumni. VIT takes pride in its star alumni who hold eminent positions in Apple, Qualcomm, Ericsson, CISCO, Deloitte, Intel, Morgan Stanley, IBM, Samsung, Amazon, and Barclays.

VIT alumni contribute to the Institute's development through guest lectures, sharing success stories, career counselling, and organizing international educational tours to reputed institutes, serving as members of DAB to facilitate curriculum enrichment, and also as members of IQAC for quality enhancement in different aspects like Industry-Institute interaction, Value added courses, Start-ups, placements, etc.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/5.4.1_QIM_AI_Alumni%20Association.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/5.4.1_QIM_AI_Alumni%20Association.pdf</a> |

#### 5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

| File Description                  | Documents        |
|-----------------------------------|------------------|
| Upload any additional information | No File Uploaded |

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

The institute is an Autonomous engineering and management institute approved by AICTE, affiliated to the University of Mumbai. The vision of the institute is "To be globally recognized institute where learners are nurtured in a scholarly environment to evolve into competent professionals and researchers to benefit society". The vision will be achieved by placing emphasis on following mission: Curriculum emphasizing strong fundamentals of contemporary subjects, Teaching-learning process by highly competent faculty, digitally enabled learning environment, develop academic and infrastructural facilities, establish a Center of Excellence to enhance academia-industry partnership. The institute believes in values: Honesty, Integrity, Excellence, Responsibility, Commitment and Salubrious attitude that drives its actions towards vision and mission. The Governing Body is the apex regulating authority that ensures all its functions are aligned with the Vision, Mission, and values. Participatory, decentralised, and transparent governance ensures good organisational structure and accountability in academic and administrative operations. The institute promotes participation of all stakeholders for smooth functioning of the institute by constituting various committees under the leadership of senior faculty members. It ensures involvement and contribution of staff members in planning institute activities. The Institute also

undertakes strategic planning by laying objectives for continuous improvement.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.1.1 AI Governance%20Structure.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.1.1 AI Governance%20Structure.pdf</a> |

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

The Institute fosters decentralisation and participative management at various administrative and academic levels to ensure effective implementation and hence monitoring of SOPs, rules, regulations, and guidelines. The principal is the academic & administrative head who monitors the overall functioning and has powers for academic, administrative, finance and institute's growth. For efficient functioning, the daily administration is coordinated by Vice Principal (VP), Chief Academic officer (CAO), Chief Operating Officer (COO) and Director Internal Quality Assurance Cell (IQAC) who works in coordination with the principal. VIT has decentralised its operations and has delegated authority at various levels to ensure good governance. There is a structured delegation of authority that encourages academic leadership among the faculty within subject disciplines, peer groups through clusters and researchers through minor research proposals. Faculty are also empowered to decide academic/administrative/co-curricular/extra-curricular activities. Such decentralisation strengthens administrative skills with professional responsibility and accountability that ensures broader participation in the decision-making process. The library is the focal point of any academic institution that enhances teaching, learning and research among the students and faculty members. The case study of library development demonstrates how effectively the activities are decentralized and how it ensures participation of the staff in enhancement of library operations.

| File Description  | Documents   |
|---|---|
| Upload strategic plan and deployment documents on the website | <a href="#">View File</a>   |
| Upload any additional information                             | <a href="#">View File</a>   |
| Paste link for additional Information                         | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.1.2_AI_Decentralisation%20Case%20Study.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.1.2_AI_Decentralisation%20Case%20Study.pdf</a> |

## 6.2 - Strategy Development and Deployment

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

The Institute has a strategic plan for development where the goals and action plans are stated and are aligned with the Institutes Vision and Mission. The plans are developed by the Institute Strategic Planning Committee (ISPC) in consultation with IQAC and approved by the Governing Body. The institute implemented a distinct practice of "My Timetable" for First Year Engineering students in A.Y. 2022-23. It is a unique initiative wherein students can design their own schedule. This flexibility will encourage learners to follow their passion and inherent interests and learn at a pace that they are comfortable with, as we believe that "one size does not fit all". My Timetable framework empowers learners with flexibility in terms of choosing across different faculty and modes of learning. This practice has enhanced the scope for diverse learning opportunities, strengthens their toolset, skillset and mindset and strives for holistic personality development. In this framework learners can make informed choices about:

- Courses they would like to enroll for
- Days of the week for learning
- Timing slot of learning
- Faculty they wish to learn from

By observing the benefits of this initiative to the first-year students now it is implemented for Second Year students also.

| File Description                                       | Documents   |
|--|---|
| Strategic Plan and deployment documents on the website | <a href="#">View File</a>   |
| Paste link for additional information                  | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.3.1_AI_Welfare%20Measures.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.3.1_AI_Welfare%20Measures.pdf</a> |
| Upload any additional information                      | <a href="#">View File</a>   |

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

The Institute is managed by the Governing Body (GB), constituted as per the guidelines stipulated by AICTE. The members of the GB discuss and decide policies and action plans for fulfilment of the stated mission. VIT has decentralized its operations and has delegated authority at various levels to ensure good governance. The principal is the academic & administrative head who monitors the overall functioning. For efficient functioning, the daily administration is coordinated by Vice Principal (VP), Chief Academic officer (CAO), Chief Operating Officer (COO) and Director Internal Quality Assurance Cell (IQAC) who works in coordination with the principal. Some of the major components from the proposed governance structure are Academic council at Institute level, Board of studies at department level to monitor and review program structure of the department and examination committee which is responsible for conducting mid semester and End Semester examinations in the institute. The committee is also authorized to make policy decisions about organizing, conducting examinations and declaration of results. Service rules procedures and Promotional policies are followed as per the rules of AICTE and Mumbai University. Grievance redressal mechanism: Grievances Redressal cell deals with all types of grievances, complaints, and malpractices including those received from Students, Faculty, and other Stakeholders.

| File Description                                    | Documents   |
|---|---|
| Paste link to Organogram on the institution webpage | <a href="https://vit.edu.in/about.html">https://vit.edu.in/about.html</a>   |
| Upload any additional information                   | <a href="#">View File</a>   |
| Paste link for additional Information               | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.2.2 AI Administrative%20Set%20Up_Service%20Rules.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.2.2 AI Administrative%20Set%20Up_Service%20Rules.pdf</a> |

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

A. All of the above

| File Description  | Documents                 |
|---|---------------------------|
| ERP (Enterprise Resource Planning) Documen                      | <a href="#">View File</a> |
| Screen shots of user interfaces                                 | <a href="#">View File</a> |
| Details of implementation of e-governance in areas of operation | <a href="#">View File</a> |
| Any additional information                                      | No File Uploaded          |

### 6.3 - Faculty Empowerment Strategies

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

The Institute has following effective welfare schemes for the benefit of its teaching and non-teaching staff.

1) Teaching Staff: Reimbursement of fees paid for STTP's/Workshops as per policy, laptops provided to every faculty to encourage use of modern teaching aids.

2) Non-Teaching staff: Sponsorship/Fee Reimbursement for Workshop/Training as per policy, appointment on compassionate grounds to a dependent family member of an employee who has expired while in service, three sets of uniform to non-teaching staff for which the entire cost is borne by the Institute.

3) All staff:



- Leave/Reduced teaching load to pursue Masters/Doctoral research provided to faculty completing two years of continuous service, various leaves like casual leave, sick leave, earned leave, maternity leave, study leave and compensatory leave as per the HR policy.
- All staff are eligible for Gratuity after completing continuous service of minimum 5 years, Leave Travelling Concession once in a block of two calendar years, coverage of medical insurance up to 1 lakh.
- First Aid boxes on campus, a full-fledged Gymkhana offering recreational facilities, health awareness programs like yoga sessions, Meditation and Resilience, CPR etc., professional counsellor to address students & Staff.
- To recognize and appreciate contributions by the staff, institute has a Performance Appraisal system.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.3.1_AI_Welfare%20Measures.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.3.1_AI_Welfare%20Measures.pdf</a> |

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

29

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | <a href="#">View File</a> |

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

18

| File Description   | Documents                 |
|--|---------------------------|
| Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres) | <a href="#">View File</a> |
| Upload any additional information  | <a href="#">View File</a> |

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

110

| File Description  | Documents                 |
|---|---------------------------|
| Summary of the IQAC report  | <a href="#">View File</a> |
| Reports of the Human Resource Development Centres (UGC ASC or other relevant centers) | <a href="#">View File</a> |
| Upload any additional information   | <a href="#">View File</a> |

### **6.4 - Financial Management and Resource Mobilization**

#### **6.4.1 - Institution conducts internal and external financial audits regularly**

The Institute has a system of internal as well as external audit. The Books of Accounts of the Institute are audited by the in-house audit team as well as external auditor. Internal audit helps the institute to follow a systematic approach to evaluate and enhance the effectiveness of financial processes. The Institute has a Finance committee in place which periodically reviews relevant policies and SOPs. To evaluate and enhance the effectiveness of financial processes, the institute follows a systematic approach while conducting internal audits. The audit process monitors accounting categories namely student fees collected, various expenses incurred, professional tax paid, TDS, assets, and liabilities, among others. As a part of the audit process, an extensive review and verification of all the transactional vouchers is done and the observations made by the auditors are duly complied with. The external auditor fulfills the responsibility of statutory audit of Institute's Income and Expenditure statement, Balance Sheet, and annexures. Statutory audit is conducted once in a year by the external auditor as per stipulated provisions of the Income Tax Act.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.4.1_AI_Audit%20Report.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.4.1_AI_Audit%20Report.pdf</a> |

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

1,44,500

| File Description  | Documents                 |
|---|---------------------------|
| Annual statements of accounts   | <a href="#">View File</a> |
| Details of funds / grants received from non-government bodies, individuals, philanthropists during the year | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |

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

Being a self-financed autonomous Institute, it does not receive grants or donations from the Government. The major source of funds is collection of tuition fees from the students admitted for various UG and PG programmes. The other financial sources are technical consulting, research project grants, sponsorships for various conferences, seminars, establishment of Industry sponsored labs etc. The institute undertakes planning and budgeting process for appropriate and proper utilization of financial resources. Budget compliance and financial data are closely monitored by the Institute. The HODs submit the budget requirement of respective departments to the director's office by justifying the resources required to carry out various activities for the department. Based on the centrally available budget of the institute the allocation is carried out to the respective departments. Subsequently departments start utilizing the approved budget for the various academic and administrative activities as per the norms laid down by the authorities. Fund allocation to mobilise the financial resources are prioritised as follows: Remuneration to the faculty and administrative staff; staff welfare activities; guest lectures, workshops, FDPs, training programs; development and maintenance of institute infrastructure; technical, cultural, and literary events; placements; uniforms; study material printing;

digital content development; University expenditure; Examination fees; research activities; library; security etc.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.4.3 AI Institute%20Budget.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.4.3 AI Institute%20Budget.pdf</a> |

## 6.5 - Internal Quality Assurance System

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

With autonomy status from the year 2022-23, the responsibility of IQAC sustaining the impetus of quality awareness holds significant importance in the institute. It ensures planning, guiding, and monitoring quality assurance (QA) and quality enhancement (QE) activities of the institute. The IQAC steers and systematizes the efforts and measures of an institute towards academic excellence. The IQAC has implemented following incremental improvements as a part of quality initiatives post accreditation:

**Practice 1: Lecture Guide:** The concept of lecture guide involves a thoughtful and structured approach to ensure effective teaching and learning. It defines clear and specific course objectives and learning outcomes.

**Practice 2:GE and LE courses**

Department of First year engineering and Department of Management Studies has planned to offer novel and engaging courses namely General Education courses (GE) and Life Enrichment Courses (LE) as a part of Autonomy syllabus in addition to academic courses of first year. These courses are a great way for students to explore new interests, stay mentally and physically active, and continue their learning journey throughout their lives. They provide opportunities for personal growth, social interaction, and the pursuit of passions outside of formal education.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.5.1_AI_Evidences%20of%20C ase%20Study.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.5.1_AI_Evidences%20of%20C ase%20Study.pdf</a> |

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

**Project Based Learning:** It allows students to apply theoretical knowledge to real-world scenarios. It was implemented in First Year Engineering for all courses. It encouraged students to explore real life problems, work collaboratively that foster a deeper comprehension of engineering concepts. Students learned to communicate effectively, distributed tasks, and collaborated with peers, which are crucial skills in professional settings. Students completed their projects successfully which significantly boosted students' confidence in their engineering abilities, encouraging them to tackle more complex problems in the future.

**Reforms in Curriculum Design:** To meet the challenge of ensuring excellence in technical education, the issue of quality needs to be addressed, debated, and taken forward in a systematic manner. Therefore, autonomy for VIT was not merely a transition from pre-cooked syllabi to self-designed curriculum. Autonomy curriculum of the Institute offers required academic flexibility with emphasis on industry requirements and market trends, employability and problem-solving approach which leads to improving competency level of learners with diverse strengths. The institute also recognized the gap that is often manifested between the knowledge, skill sets and attitude requirements by the industry and what conventional technical education imparts. To bridge this gap, we diligently mapped the existing curriculum against nationally and internationally acclaimed top tier institutes.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.5.2_AI_Evidences%20of%20C ase%20Study.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.5.2_AI_Evidences%20of%20C ase%20Study.pdf</a> |

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

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

| File Description   | Documents   |
|--|---|
| Paste the web link of annual reports of the Institution            | <a href="https://vit.edu.in/annual-reports.html">https://vit.edu.in/annual-reports.html</a> |
| Upload e-copies of accreditations and certification                | <a href="#">View File</a>   |
| Upload details of quality assurance initiatives of the institution | <a href="#">View File</a>   |
| Upload any additional information                                  | <a href="#">View File</a>   |

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1 - Institutional Values and Social Responsibilities**

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

As a learner-centric Institute, VIT believes in affirmative action when it comes to equality, inclusivity and diversity by providing equal opportunities to its students and staff without any discrimination on the basis of gender, religion, caste, provincial, urban-rural grounds. Gender-related issues are addressed directly or indirectly in courses like Entrepreneurship Management and Environmental Studies. Modules on Gender bias and Human rights including, sexual and reproductive rights, the rights to equality and non-discrimination, women entrepreneurship, values and gender socialization are discussed in these courses. The Institute implements the State Government's 30% ladies reservation policy for admission. The Institute has Women Development Cell and IEEE Women in engineering committee to promote and encourage female students and employees for their overall development through various activities. The institute also formulated an Internal Complaint Committee which conducts the meeting once in a semester. The major goal of the committee is to plan an activity with University of Mumbai under ICC and to discuss on incidents or

complaints of harassment of girl students and women employees in the institute. Also it organize various Open Dialog sessions on Gender sensitization with students and faculties.

A Gender Equity survey is carried out to asses the gender representation and equity practices among student and faculty member. The survey aimed to gather feedback on the current state of gender equity at the institute and to gauge student and faculty members confirm with the existing systems and practices.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.1.1_OlM_AI_GenderEq.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.1.1_OlM_AI_GenderEq.pdf</a> |

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

**B. Any 3 of the above**

| File Description               | Documents                 |
|--------------------------------|---------------------------|
| Geotagged Photographs          | <a href="#">View File</a> |
| Any other relevant information | <a href="#">View File</a> |

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

#### Waste Management at Campus

Institute makes deliberate measures to handle degradable and non-degradable waste and emphasizes on maintaining clean campus. All are encouraged to adopt the 3Rs, namely Reduce, Reuse, and Recycle.

#### Solid Waste Management Practices:

- The use of Styrofoam in the cafeteria is not permitted.
- Campaigns are conducted to reduce the use of plastic both on and off campus.
- Organic and nonbiodegradable (Dry) wastes are collected in

green and blue dustbins.

- A composting facility is in place for generating high-quality manure.

#### Liquid Waste Management practices:

- Wastewater management at campus includes cleaning plant areas, sludge removal, dewatering, and tank cleaning.
- A sewage Treatment Plant (STP) with a capacity of 200 m<sup>3</sup> per day is in place to take care of wastewater generated. Water is REUSED in green landscaping through sprinklers.

#### E-waste management practices:

- Regular maintenance by technical staff and reutilization of spare parts of discarded electronic devices is a common practice.
- To sensitize students and staff on the careful disposal and management of electronic waste, an E-waste bin is installed at VIT.
- E-waste is collected by a company called Eco Recycling Ltd (Ecoreco).
- Non-functional computers, monitors, and printers are discarded in an eco-friendly manner.
- To create awareness about E-waste and its harmful effects on humans and the environment 'An E-waste awareness campaign' is conducted.

| File Description  | Documents                 |
|---|---------------------------|
| Relevant documents like agreements/MoUs with Government and other approved agencies | <a href="#">View File</a> |
| Geotagged photographs of the facilities   | <a href="#">View File</a> |
| Any other relevant information  | No File Uploaded          |

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

B. Any 3 of the above



| File Description                                 | Documents                 |
|--|---------------------------|
| Geotagged photographs / videos of the facilities | <a href="#">View File</a> |
| Any other relevant information                   | <a href="#">View File</a> |

### 7.1.5 - Green campus initiatives include

#### 7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

| File Description   | Documents                 |
|--|---------------------------|
| Geotagged photos / videos of the facilities                        | <a href="#">View File</a> |
| Various policy documents / decisions circulated for implementation | <a href="#">View File</a> |
| Any other relevant documents                                       | <a href="#">View File</a> |

### 7.1.6 - Quality audits on environment and energy 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:

A. Any 4 or all of the above

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

| File Description  | Documents                 |
|---|---------------------------|
| Reports on environment and energy audits submitted by the auditing agency | <a href="#">View File</a> |
| Certification by the auditing agency                                      | <a href="#">View File</a> |
| Certificates of the awards received                                       | No File Uploaded          |
| Any other relevant information  | <a href="#">View File</a> |

**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.**

| File Description   | Documents                 |
|--|---------------------------|
| Geotagged photographs / videos of facilities                 | <a href="#">View File</a> |
| Policy documents and brochures on the support to be provided | <a href="#">View File</a> |
| Details of the software procured for providing assistance    | No File Uploaded          |
| Any other relevant information                               | No File Uploaded          |

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

The Institute engages in a number of initiatives to foster an atmosphere where moral, cultural, and spiritual values are valued among students and employees.

- An online event "???? ???, ??? ?????" conducted on August 15, 2022. The event was conducted under the aegis of

AICTE'S 'Azadi ka Amrit Mahotsav' thereby taking a strong step towards 'Ek Bharat Shreshtha Bharat'.

- Navratri Ustav 'Ras Garba' was celebrated on 29th September 2023.
- Diwali week celebrated from 18th to 20th October 2022, where the classical prodigy shined to its fullest potential through different events like Lenten making workshop, Rangoli competition, Diwali exhibition and Killa making.
- Various events like 'Shivaji Maharaj Jayanti' on 23rd June 2022, '?????????'-to celebrate different traditions on 23rd March 2023, 'Telescope handling and stargazing' workshop on 12th June 2023, short story making competition titled 'Mirage of words' on 10th January 2023, 'Author's meet and greet' on 27th March 2023 were conducted.

| File Description   | Documents                 |
|--|---------------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | <a href="#">View File</a> |

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

The institute engages in programmes to raise awareness of the fundamental rights and responsibilities of Indian citizens, instilling in staff and students the ideals of constitutional responsibility.

- Dr. Surendra Pathak, a specialist in the area of "Universal Human Values," led a session for students as part of the induction programme on November 7, 2022. The primary objective to nurture students various differences in human behaviour and virtues. It aimed to imbibe happiness in every student through right understanding and right thought. Code of conduct is disseminated in orientation program at the beginning of every semester.
- On 11th February 2023, event titled as 'Energy Audit' was organised. Objectives of an event to enlighten the students about the planning and organising of our energy resources while maintaining our sustainable ways. It aims to provide us platform for the verification, monitoring and analysis of use of energy.
- In order to sensitise students and staff to the constitutional mandate, many programmes such as 'Orphan

Teaching,' 'Beach Cleaning,' 'Mithi River Cleaning', 'Crowd Management,' 'Non Violence session', 'Say yes to life and No to drugs', 'Yoga and fit health awareness' were conducted during 2022-23.

| File Description  | Documents                 |
|---|---------------------------|
| Details of activities that inculcate values necessary to transform students into responsible citizens | <a href="#">View File</a> |
| Any other relevant information  | <a href="#">View File</a> |

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

| File Description   | Documents                 |
|--|---------------------------|
| Code of Ethics - policy document   | <a href="#">View File</a> |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims | <a href="#">View File</a> |
| Any other relevant information   | <a href="#">View File</a> |

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

National festivals observed at VIT include Marathi Bhasha Divas, Independence Day and Republic Day. Also, institute celebrates international yoga day.

**Republic Day**

Students and staff of all Institutes on the campus assemble every year on 26 January on the occasion of Republic Day and attend flag hoisting followed by a systematic parade by security guards.

### Independence Day

Independence Day is celebrated every 15 August in VIT with a flag hoisting ceremony followed by a systematic parade by security guards. To promote unity and harmony, various institutes on the campus showcase cultural program together. One of the events organized by NSS VIT was a Skit Play to remember the contributions of great freedom fighters of the Country.

### International Yoga Day

The International Day of Yoga was celebrated in VIT to contribute to the global cause of honing and withholding the ancient and serene practice of physical wellbeing in conjugation of mental serendipity. The event was conducted in the M-501 room hosting approximately 30 participants which included a mix of students and faculty members alike.

| File Description   | Documents                 |
|--|---------------------------|
| Annual report of the celebrations and commemorative events for during the year | <a href="#">View File</a> |
| Geotagged photographs of some of the events                                    | <a href="#">View File</a> |
| Any other relevant information   | <a href="#">View File</a> |

## 7.2 - Best Practices

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

### 1. Enhancing Technical Competency through Problem Based Learning

Problem-based learning(PBL) is a learner-centric pedagogy prevalent at VIT in which students learn technical concepts by solving open-ended problems. The PBL methodology is implemented across all programs and in many courses. Students discuss the chosen problem statement and list its significant parts and its

possible solutions with use of appropriate technological tools. Learning through PBL results in enhanced creative thinking and higher order thinking skills. Students get an opportunity to work on real life problems. Over the years, VIT students have been consistently bagging top prizes by winning various prestigious hackathon competitions at the national level.

## 2. Enhancing Learning Experience through Lectures by Faculty of International and National Institutes and Experts from Industry

VIT has initiated a practice of an entire course to be conducted by external instructors from universities abroad or prestigious academic institutions like IITs or by industry personnel to enable sharing of cutting-edge technology with students. The external faculty are supported by an internal shadow teacher, who provides operational support. E.g. "Analysis of Algorithm" was conducted by a Rutgers University Professor in online mode for the fourth semester students of Computer Engineering. Such lectures by external instructors are an opportunity for learners to be acquainted with alternative technologies, diverse perspectives. Students' feedback is positive for this initiative.

| File Description                            | Documents   |
|---|---|
| Best practices in the Institutional website | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.2.1_OlM_BestPractice.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.2.1_OlM_BestPractice.pdf</a>       |
| Any other relevant information              | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.2.1_OlM_AI_BestPractice.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.2.1_OlM_AI_BestPractice.pdf</a> |

### 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)

In view of the Autonomous Status conferred on Vidyalankar Institute of Technology since AY 2022-23, there is increased emphasis on flexibility in the learning experience. As the priority and thrust of VIT is learner-centricity, in sync with NEP, innovative measures are undertaken to offer a unique and distinctively flexible learning environment. Multimodal flexibility is offered to VIT students in terms of:

**Making "My Timetable"**

Students have the flexibility to design their own timetable by choosing the courses, day, preferred time slot, and course instructor.

#### Course Selection

Students can choose the courses they want and complete them at their own pace. All courses offered by the Institute are open for enrolment (subject to credit and prerequisite fulfilment) by students of any program.

#### Flexibility in choice of Advanced Learning Course

Students can choose when they would like to complete the course. Some may opt to complete more courses, and work on increasing depth/breadth of learning.

#### Faculty Choice

Students can choose faculty members depending on availability of time slot, subject expertise, and mode of learning.

Academic flexibility is pivotal to the learning experience at an autonomous institute, and it encourages students to choose interdisciplinary courses as per their needs and interest.

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

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

The curriculum at our institute is meticulously designed to cater to the technical developmental needs at local and global levels. This relevance is reflected in the Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) of all our offered programmes.

The Institute is committed to impart quality education to our students and build competent professionals. So, while developing the curricula, the Institute has followed NEP 4.0 guidelines. To cope up with the current trends and technical developments and to update the learners, the developed curricula is focusing on various upcoming areas such as Machine Learning, Artificial Intelligence, Big data, Data Analytics etc.

To meet the local and global challenges and to enhance the technical competency of the students, the curricula has introduced some minor tracks as well like Intelligent Game Development, Data Forecasting, Smart City-Design & Development etc. The courses are introduced like Social Service Internship, Technical business writing, Project work etc. which are reflected in Program Outcomes PO7 to PO11. These courses ensure that our graduates emerge as well-rounded professionals capable of making meaningful contributions to society at large. Minor/honour tracks are introduced like Embedded systems and IOT, Communication systems, VLSI to cater the cutting-edge technologies.



| File Description                      | Documents   |
|---------------------------------------|---|
| Upload additional information, if any | <a href="#">View File</a>   |
| Link for additional information       | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/1.1.1_Olm_AI_Curricula.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/1.1.1_Olm_AI_Curricula.pdf</a> |

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

9

| File Description                                 | Documents                 |
|--|---------------------------|
| Minutes of relevant Academic Council/BOS meeting | <a href="#">View File</a> |
| Details of syllabus revision during the year     | <a href="#">View File</a> |
| Any additional information                       | <a href="#">View File</a> |

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

322

| File Description  | Documents                 |
|---|---------------------------|
| Curriculum / Syllabus of such courses   | <a href="#">View File</a> |
| Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses | <a href="#">View File</a> |
| MoUs with relevant organizations for these courses, if any                                  | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |

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

322

| File Description  | Documents                 |
|---|---------------------------|
| Minutes of relevant Academic Council/BoS meetings       | <a href="#">View File</a> |
| Any additional information                              | <a href="#">View File</a> |
| Institutional data in prescribed format (Data Template) | <a href="#">View File</a> |

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

10

| File Description                                     | Documents                 |
|--|---------------------------|
| Minutes of relevant Academic Council/BoS meetings    | <a href="#">View File</a> |
| Any additional information                           | <a href="#">View File</a> |
| List of Add on /Certificate programs (Data Template) | <a href="#">View File</a> |

### 1.3 - Curriculum Enrichment

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

Institute has integrated cross-cutting issues and value framework of NEP-2020 into curriculum so that the students are motivated to imbibe sense of social responsibility in addition to the domain knowledge.

**Professional Ethics and Human Values:**

To promote ethical decision-making, integrity, accountability, and responsible behaviour, the courses related to Communication, Professional Skills, and Ethics are included in curriculum. These courses emphasize technical communication and writing skills, value education, importance of ethical behavior and social responsibility. Additional activities on corporate etiquette and public speaking are also conducted.

**Gender:**

Gender-related issues are addressed in courses like Entrepreneurship Management. Modules on Gender bias and Human rights including, sexual and reproductive rights, rights to

equality and non-discrimination, women entrepreneurship, values, and gender socialization are discussed in these courses. Institute organized activity on Gender Sensitization.

#### Environment and Sustainability:

"Environmental management" course covers the topics on ecosystem, food chain and environment related legislations whereas "Waste management - Process, concept and working" course covers key elements of the waste management system, such as its technical, environmental, social, financial, and institutional aspects.

Our students are empowered to become lifelong learners, critical thinkers, and agents of positive change, in line with policy's vision and can tackle complex challenges of world.

| File Description  | Documents                 |
|---|---------------------------|
| Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |

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

40

| File Description   | Documents                 |
|--|---------------------------|
| List of value-added courses                                    | <a href="#">View File</a> |
| Brochure or any other document relating to value-added courses | <a href="#">View File</a> |
| Any additional information                                     | <a href="#">View File</a> |

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

340

| File Description           | Documents                 |
|----------------------------|---------------------------|
| List of students enrolled  | <a href="#">View File</a> |
| Any additional information | <a href="#">View File</a> |

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

2296

| File Description  | Documents                 |
|---|---------------------------|
| List of programmes and number of students undertaking field projects / internships / student projects | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |

### 1.4 - Feedback System

**1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni**

A. All 4 of the above

| File Description  | Documents   |
|---|---|
| Provide the URL for stakeholders' feedback report   | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/1.4.1_OnM_CU_F/BSyll.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/1.4.1_OnM_CU_F/BSyll.pdf</a> |
| Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management | <a href="#">View File</a>   |
| Any additional information  | <a href="#">View File</a>   |

**1.4.2 - The feedback system of the Institution comprises the following**

A. Feedback collected, analysed and action taken made available on the website

| File Description                              | Documents   |
|---|---|
| Provide URL for stakeholders' feedback report | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/1.4.2_OnM_AI_F/BSystem.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/1.4.2_OnM_AI_F/BSystem.pdf</a> |
| Any additional information                    | <a href="#">View File</a>   |

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment of Students

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

809

| File Description                        | Documents                 |
|---|---------------------------|
| Any additional information              | <a href="#">View File</a> |
| Institutional data in prescribed format | <a href="#">View File</a> |

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

289

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information                                    | <a href="#">View File</a> |
| Number of seats filled against seats reserved (Data Template) | <a href="#">View File</a> |

### 2.2 - Catering to Student Diversity

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

To assess the learning level of a student, the Institute incorporates several methods for identifying the slow and advanced learners. A combination of different assessment tools and strategies are finalized in the Institute. Various activities and assignments are planned for advanced and slow learners.

**Classroom Assessments:** Teachers regularly assess the students'

learning levels through various classroom activities, quizzes, and tests. They help teachers gauge students' understanding, identify areas of improvement, and adjust their teaching strategies. Some of the assessment tools used in the Institute are Class Tests, Quizzes, Open Book Test and Take-Home Test.

**Formative Assessments:** Formative assessments are conducted during the learning process to monitor progress and provide immediate feedback from the students. This assessment is used to test the students' knowledge using no standard criteria. Some examples are Students Seminars, Poster Presentations, Group Discussions etc.

**Activities and Assignments:** The activities and special assignments are given to students as per their learning levels. The special assignments are given like IEEE research paper review, Research article or blog writing, etc. to advanced learners. The assignments are given like Take home test, Quizzes, class tests etc. to slow learners to practice the concepts and their performance is improved in the examinations.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.2.1_AI_Student%20Learning%20Levels.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.2.1_AI_Student%20Learning%20Levels.pdf</a> |

### 2.2.2 - Student – Teacher (full-time) ratio

| Year       | Number of Students | Number of Teachers |
|------------|--------------------|--------------------|
| 01/07/2023 | 2906               | 121                |

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | <a href="#">View File</a> |

### 2.3 - Teaching- Learning Process

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

**The Institute incorporates various student-centric methods for**

ensuring enhanced learning experience and thereby attains effective curriculum delivery. At the beginning of the semester, during preview process, cluster mentors rigorously review the Academic Administration Plan (AAP) and ensures that variety of student-centric methods are included. At the end of semester, during review process, panel of experts verifies the content delivery specified in AAP.

#### Experiential learning

- Lab Experiments: Online open-source simulators/software, Virtual labs
- Hands-on Workshops like Basics of MATLAB, Machine Learning etc.
- Internships-Internal and External Internships
- Live Projects
- Business Simulations

#### Individual learning:

- Value-added Assignments/Quizzes/Crosswords
- Online courses: NPTEL/MIT-OCW/Coursera, etc.(Institute has tie-up with edX, Coursera)
- Interactive Language Lab
- Poster presentation

#### Participative/collaborative learning:

- Student Seminars
- v-Talks Webinar Series- Talk series by Eminent personalities
- Mini Projects: "Android Penetration Check", " Wild Animal Tracker" etc.
- Group discussions
- Flipped Classroom
- Various Competitions: Hackathon2022, Reverse Coding, Hackatronics, IEEE Xtreme -2022, Tantravihar 2022 etc.
- Committee activities: Crossing Perceptions, IRIS-2023, Voyager-Shark Tank-2023, Robotic Process Automation, ALGORHYTHM 2023, Enthusia 2023', E summit- Entrepreneurship Opportunities in Healthcare, TechBids, etc.
- Student Development Program- "Continuum: Strengthening the learning curve"
- Gaming Activities - Kahoot game, Quizlet games, Quizz etc.

**Problem based learning:**

- Problem Based Learning Experiments
- Case Studies
- Scholarly Term Paper
- Research Paper Review

| File Description                  | Documents   |
|-----------------------------------|---|
| Upload any additional information | <a href="#">View File</a>   |
| Link for additional Information   | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.3.1 AI Student-Centric%20Methods.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.3.1 AI Student-Centric%20Methods.pdf</a> |

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

Teachers at VIT have embraced Information and Communication Technology (ICT) to enhance their teaching methods and provide students with valuable learning experiences. ICT-enabled tools and online resources play a pivotal role in this transformation.

In our Institute Teachers have access to a vast array of online resources that supplement traditional teaching materials like educational websites, interactive simulations, video lectures, and e-books, among others. Under the umbrella of V-provisions, various ICT-enabled processes such as V-Live, V-refer, V-MIS, V-print, V-attendance, V-tutorials E-learning and OCW are included. In our Institute the commonly used ICT tools are Lecture Capture, LMS, MOODLE, ERP, MS Office Tools, Teams Platform, Video conferencing and Skype, Situating Tools (Simulation, Virtual Reality, Hypermedia, and Presentations), and Individual laptops per faculty. Effective student engagement is ensured through the use of various TLP tools like Flipgrid, Padlet, Polly, Kahoot, Mind maps, crosswords, concept videos, etc.

Virtual experiments are created by faculty and practical sessions are conducted through virtual labs, simulations, and various open-source tools and Licensed software.



Teachers can use these tools to supplement their teaching by explaining concepts more effectively but also empower students to take charge of their learning journey.

| File Description   | Documents   |
|--|---|
| Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.3.2_AI_ICT-enabled%20tools.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.3.2_AI_ICT-enabled%20tools.pdf</a> |
| Upload any additional information  | <a href="#">View File</a>   |

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

#### 2.3.3.1 - Number of mentors

121

| File Description  | Documents                 |
|---|---------------------------|
| Upload year-wise number of students enrolled and full-time teachers on roll | <a href="#">View File</a> |
| Circulars with regard to assigning mentors to mentees                       | No File Uploaded          |

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

The Institute is aware of the importance of a carefully thought-out academic calendar and teaching plans in offering its students a structured and organised learning environment.

The Chief Academic Officer in consultation with The Principal, Vice Principal, Director of the Internal Quality Assurance Cell, and the Board of Studies members prepares the Academic Calendar for the effective functioning of the Institution.

The Academic Calendar, which lists significant dates, occasions, holidays, and academic activities, acts as a road map for the full academic year. The Academic Calendar gives information about the calendar of classes, exams, assignments, projects, and co-curricular events to students, professors, and other stakeholders in a clear and transparent manner.

For every course, professors prepare Academic Administration plans. These plans specify the learning objectives, subjects to be covered, teaching techniques, evaluation procedures, and anticipated results for each class session. Faculty members frequently evaluate and revise their lesson plans to include new information, especially of the use of ICT-enabled tools and facilities developing trends, and input from students and Board of Studies members.

For the Institute to retain its academic standards and integrity, adherence to the academic calendar and academic plan encourages uniformity in content delivery.

| File Description  | Documents                 |
|---|---------------------------|
| Upload the Academic Calendar and Teaching Plans during the year | <a href="#">View File</a> |

## 2.4 - Teacher Profile and Quality

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

121

| File Description   | Documents                 |
|--|---------------------------|
| Year-wise full-time teachers and sanctioned posts for the year | <a href="#">View File</a> |
| List of the faculty members authenticated by the Head of HEI   | <a href="#">View File</a> |
| Any additional information                                     | No File Uploaded          |

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

28

| File Description  | Documents                 |
|---|---------------------------|
| List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |

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

1366

| File Description  | Documents                 |
|---|---------------------------|
| List of teachers including their PAN, designation, Department and details of their experience | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |

### 2.5 - Evaluation Process and Reforms

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

26

| File Description   | Documents                 |
|--|---------------------------|
| List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |

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

150

| File Description  | Documents                 |
|---|---------------------------|
| Upload the number of complaints and total number of students who appeared for exams during the year | <a href="#">View File</a> |
| Upload any additional information   | <a href="#">View File</a> |

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

The examination structure comprises Mid-Semester Exam (MSE), End-Semester Exam (ESE), and In-Semester Assessment (ISA).

#### 1. IT Integration in examination:

The implementation of softcopy mark sheets for faculty has enhanced grading efficiency, enabling teachers to quickly complete marks entry with verification by Heads of Departments. Further integration involves Vidyalankar Management Information System (VMIS) for precise mark data entry along with validation and verification of marks.

#### 2. Reforms in the examination procedures and processes:

##### a. MSE and ESE examination

- We introduce the "Festival of Examination" to replace traditional oral and practical exams, aiming to instil confidence and welcome learning opportunities.
- MSE papers are audited by cluster mentors, ensuring alignment with course outcomes and Bloom's taxonomy.
- The ESE comprises three sets of papers—two internal and one external—of which one is chosen for examination.
- Post-results, an Open-Day allows students to review corrected answer books, and interested students have the option of a repeat examination for both MSE and ESE.

##### b. In-Semester Assessment

The institution employs online examination systems for various ISA activities, such as POP quizzes and Mobile app-based quizzes. LMS platforms like V-Refer, Lecture Capture-enabled classrooms, and MS-Teams are used to manage course materials,

assignments, and facilitate faculty-student communication.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.5.3_AI_IT%20integration%20and%20reforms%20in%20the%20examination.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.5.3_AI_IT%20integration%20and%20reforms%20in%20the%20examination.pdf</a> |

## 2.6 - Student Performance and Learning Outcomes

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

The institution recognizes the importance of clearly defined learning outcomes, both at the program level and the course level, to ensure a focused and effective educational experience for its students. These learning outcomes, also known as graduate attributes or program and course outcomes, are integrated into the assessment process and widely publicized through various platforms, The institution evaluates the attainment of these outcomes to ensure the quality and relevance of its educational programs.

The Dissemination of the Learning Outcomes is done through various channels

1. Digital Media
  - Institute Website(www.vit.edu.in)
  - Internal MIS (ERP)
2. Print media
  - Staff Diary
  - Course diary
  - Academic Administration Plan
  - IA audit form
3. Outdoor - Boards at prominent places
4. Instructional Areas
  - Laboratories
  - Seminar Hall
5. Administrative Areas
  - Department offices
  - Faculty rooms
6. Activities/Meetings
  - Orientation / Induction programme

- Presentation of lesson plan in the first lecture
- Departmental meetings

| File Description   | Documents   |
|--|---|
| Upload COs for all courses (exemplars from the Glossary) | <a href="#">View File</a>   |
| Upload any additional information                        | <a href="#">View File</a>   |
| Link for additional Information                          | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.6.1_AI_POs%20and%20COs%20stated%20and%20displayed%20on%20multiple%20places.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.6.1 AI POs%20and%20COs%20stated%20and%20displayed%20on%20multiple%20places.pdf</a> |

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

To evaluate the attainment of the learning outcomes, the institution employs various assessment methods.

The Learning outcomes are quantified in the form of Course Attainments and Program Attainments

Course Outcome attainment: It is based on the following components.

1. Internal Evaluation (20%Weightage) comprising IA Tests, Lab work, Assignments etc.

2. External Evaluation (80%Weightage) comprising of End Semester Theory and Oral/Practical Examination

Levels are based on the percentage of number of students who score above the calculated threshold value.

### PO Attainment

PO attainment is carried out using Direct and Indirect tools. CO-PO mapping is used as a Direct tool for PO attainment.

Direct Tools (80% weightage): Attainment of COs for all the courses under the Programme is carried out and based on CO-PO mapping table of the entire programme, attainment of each PO is

carried out.

#### Indirect tools

- Program exit survey
- Employer Survey
- Alumni Feedback

#### PSO Attainment:

It is same as calculation of PO attainment

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.6.2_AI_Sample%20attainment%20of%20POs%20and%20COs.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.6.2_AI_Sample%20attainment%20of%20POs%20and%20COs.pdf</a> |

### 2.6.3 - Pass Percentage of students

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

786

| File Description  | Documents   |
|---|---|
| Upload list of Programmes and number of students appear for and passed in the final year examinations | <a href="#">View File</a>   |
| Upload any additional information   | <a href="#">View File</a>   |
| Paste link for the annual report  | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.6.3_AI_Pass%20Percentage%20of%20students.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.6.3_AI_Pass%20Percentage%20of%20students.pdf</a> |

### 2.7 - Student Satisfaction Survey

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

[https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.7.1\\_AI\\_Student%20Satisfaction%20Survey.pdf](https://vit.edu.in/images/downloads/naac-uploads/2022-23/2.7.1_AI_Student%20Satisfaction%20Survey.pdf)

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

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

The research facilities are regularly updated as per the requirement. There is a well-defined policy for promotion of research and the same is available on the college website. The college offers doctoral degree in Computer Engineering disciplines under University of Mumbai. The revised Research Policy of the College comprising the Research Promotion Policy, Plagiarism Check, Research Ethics, Research Consultancy Policy, Seed Money Research Grant, and College Research Regulations govern all processes starting from admission to submission of thesis. The Institute takes care to provide physical infrastructure such that the faculty and students involved with research are motivated.

VIT Research Grants (Seed Money) provides monetary assistance for research. Research facilities, well equipped research laboratories with advanced equipment, digitized library and softwares to assist research include plagiarism checking softwares.

To promote research, special lectures on writing a good manuscript, ethics in research, IPR, writing of research proposals and consultancy are regularly organised.

College also facilitates the participation of the faculty members in seminars, conferences, workshops, etc. at national and international levels.



| File Description   | Documents   |
|--|---|
| Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption | <a href="#">View File</a>   |
| Provide URL of policy document on promotion of research uploaded on the website  | <a href="https://vit.edu.in/images/downloads/rnd/VIT%20R&amp;D%20Policy.pdf">https://vit.edu.in/images/downloads/rnd/VIT%20R&amp;D%20Policy.pdf</a> |
| Any additional information   | <a href="#">View File</a>   |

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

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

00

| File Description  | Documents                 |
|---|---------------------------|
| Minutes of the relevant bodies of the institution regarding seed money                                      | <a href="#">View File</a> |
| Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized | <a href="#">View File</a> |
| List of teachers receiving grant and details of grant received  | No File Uploaded          |
| Any additional information  | No File Uploaded          |

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

03

| File Description  | Documents                 |
|---|---------------------------|
| e-copies of the award letters of the teachers                     | <a href="#">View File</a> |
| List of teachers and details of their international fellowship(s) | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |

### 3.2 - Resource Mobilization for Research

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

24

| File Description   | Documents                 |
|--|---------------------------|
| e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations | <a href="#">View File</a> |
| List of projects and grant details   | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |

#### 3.2.2 - Number of teachers having research projects during the year

01

| File Description                          | Documents   |
|---|---|
| Upload any additional information         | <a href="#">View File</a>   |
| Paste link for additional Information     | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/3.2.2_AI_Teachers%20research%20projects.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/3.2.2_AI_Teachers%20research%20projects.pdf</a> |
| List of research projects during the year | <a href="#">View File</a>   |

#### 3.2.3 - Number of teachers recognised as research guides

12

| File Description  | Documents                 |
|---|---------------------------|
| Upload copies of the letter of the university recognizing teachers as research guides | <a href="#">View File</a> |
| Institutional data in Prescribed format   | <a href="#">View File</a> |

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

01

| File Description                          | Documents  |
|---|--|
| Supporting document from Funding Agencies | <a href="#">View File</a>  |
| Paste link to funding agencies' website   | <a href="https://www.tih.iitb.ac.in/tih-iot-chanakya-fellowship-program-2022-2023-3/">https://www.tih.iitb.ac.in/tih-iot-<br/>chanakya-fellowship-program-2022-2023-3/</a> |
| Any additional information                | <a href="#">View File</a>  |

### 3.3 - Innovation Ecosystem

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

The institute has created an ecosystem for Research and Innovation in this regard we developed an Incubation center, Entrepreneurship to initiate transfer of knowledge. The institute has Research and Development Cell to motivate and create research culture among faculty members and students.

Promoting Innovation: Incubation Centre and Entrepreneurship Cell (E-cell) initiates various activities to identify and nurture the latent entrepreneurial spirit of students and provide them opportunities for excellence. Activities like Innovate to Elevate, Business Model Canvas. Encouragement to establish different clubs for students by the departments for industry careers through various training programmes.

The R&D ecosystem constitutes Human manpower infrastructure comprising 11 recognized research guides, 28 doctorate faculty and 16 faculty pursuing Ph.D programs. Physical infrastructure comprising well equipped Library and laboratories with modern

simulation tools and equipment for carrying research activities.

To facilitate research studies we have Mumbai University approved Ph.D. Programme for Computer Engineering.

Research and Development Committee facilitate creation and transfer of knowledge by conducting technical workshops, seminars, industrial visits, workshop on research proposal writing, research mentoring workshop, Training programs, National and International Conferences, Book Reviews/Paper Reviews, Technical presentations by faculty members and also provides mechanism for submission of minor and major research proposals for funding by Institute/University. College has signed MOUs with industries to promote real-time project development.

AET Journal: Institute publishes technical journal 'Applied Engineering and Technologies', with ISSN: 2278-1722 annually. Quality of reviewed research papers is ensured through reviews.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/3.3.1_AI_Innovations.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/3.3.1_AI_Innovations.pdf</a> |

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

06

| File Description                                     | Documents                 |
|--|---------------------------|
| Report of the events                                 | <a href="#">View File</a> |
| List of workshops/seminars conducted during the year | <a href="#">View File</a> |
| Any additional information                           | No File Uploaded          |

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through**

A. All of the above

**the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

| File Description   | Documents                 |
|--|---------------------------|
| Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |

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

**3.4.2.1 - Number of PhD students registered during the year**

15

| File Description   | Documents   |
|--|---|
| URL to the research page on HEI website  | <a href="https://vit.edu.in/rnd.html">https://vit.edu.in/rnd.html</a> |
| List of PhD scholars and details like name of the guide, title of thesis, and year of registration | <a href="#">View File</a>   |
| Any additional information   | <a href="#">View File</a>   |

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

13

| File Description  | Documents                 |
|---|---------------------------|
| List of research papers by title, author, department, and year of publication | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |

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

00

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Upload any additional information     | <a href="#">View File</a> |
| Paste link for additional information | Nil                       |

**3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed****3.4.5.1 - Total number of Citations in Scopus during the year**

04

| File Description                                  | Documents                 |
|---|---------------------------|
| Any additional information                        | <a href="#">View File</a> |
| Bibliometrics of the publications during the year | <a href="#">View File</a> |

**3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University****3.4.6.1 - h-index of Scopus during the year**

00

| File Description   | Documents                 |
|--|---------------------------|
| Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |

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

121000

| File Description   | Documents                 |
|--|---------------------------|
| Audited statements of accounts indicating the revenue generated through consultancy and corporate training | <a href="#">View File</a> |
| List of consultants and revenue generated by them  | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |

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

52000

| File Description  | Documents                 |
|---|---------------------------|
| Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy | <a href="#">View File</a> |
| List of training programmes, teachers and staff trained for undertaking consultancy   | <a href="#">View File</a> |
| List of facilities and staff available for undertaking consultancy  | No File Uploaded          |
| Any additional information  | <a href="#">View File</a> |

### 3.6 - Extension Activities

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

National Service Scheme of Vidyalankar Institute of Technology, in pursuit of its service to community and society. various activities undertaken in the neighborhood community are:

NSS-VIT, committed to creating a healthier and more sustainable society, engages in diverse initiatives. Collaborating with the Jay Foundation and Seafins, we've spearheaded impactful beach cleanup drives, transforming Mumbai's beaches into plastic-free zones during Earth Day and World Environment Day. Partnering with the Beach Please Committee, we've targeted Girgaon

Chowpatty and Mithi River at Bandra to combat plastic pollution while preserving natural beauty. Additionally, our collaboration with the CAP Foundation for pet adoption events and the Stray Shelter initiative showcases our dedication to environmental and animal welfare.

Health remains a top priority. We actively participate in disease prevention drives, such as the polio vaccination campaign, and advocate for addiction-free living through the De-addiction Rally. Our holistic health approach includes Yoga Sessions, Aerobics Workshops, and Nutrition Awareness Programs. Moreover, our Orphanage Teaching Program, conducted in collaboration with Shivprerna Prabodhini and Hunar Seekho NGO, focuses on bridging educational gaps in remote slums. Notably, NSS-VIT integrates social service as part of its academic curriculum through the Social Service Scheme (SSI), a credit-based course. This initiative partners with the Vihangam Centre for Social Welfare, Hariyali, Seva Sahyog, and Mumbai Gujarati Sangathan, amplifying our impact on societal welfare and encouraging active community engagement among our students.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/3.6.1_AI_Extension%20activities.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/3.6.1_AI_Extension%20activities.pdf</a> |

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

01

| File Description   | Documents                 |
|--|---------------------------|
| Number of awards for extension activities in during the year | <a href="#">View File</a> |
| e-copy of the award letters                                  | <a href="#">View File</a> |
| Any additional information                                   | No File Uploaded          |

### 3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated



**programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)**

**30**

| File Description                | Documents                 |
|---------------------------------|---------------------------|
| Reports of the events organized | <a href="#">View File</a> |
| Any additional information      | <a href="#">View File</a> |

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

**813**

| File Description           | Documents                 |
|----------------------------|---------------------------|
| Reports of the events      | <a href="#">View File</a> |
| Any additional information | <a href="#">View File</a> |

**3.7 - Collaboration**

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

**407**

| File Description                               | Documents                 |
|--|---------------------------|
| Copies of documents highlighting collaboration | <a href="#">View File</a> |
| Any additional information                     | <a href="#">View File</a> |

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

**19**

| File Description  | Documents                 |
|---|---------------------------|
| e-copies of the MoUs with institution/ industry/ corporate house  | <a href="#">View File</a> |
| Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

The Institute fulfils all the norms specified by the statutory bodies in terms of land requirement, instructional, administrative and amenities area.

**Classrooms:** All 34 classrooms are air conditioned. The entire campus is Wi-Fi enabled. All classrooms are ICT enabled with projector facility. In addition, 7 classrooms have smart boards, and 16 classrooms are equipped with "IMPARTUS Lecture Capture" system (LMS).

**Laboratories:** All 58 laboratories are well-equipped with the latest equipment like Spectrum Analyzers, Logic Analyzer and Vector Network Analyzers. The laboratories have around 47 licensed software/simulation tools like MATLAB, CADENCE, ORCAD, IE3D, OPTISIM, Genesis, Rational Rose, TCAD, Oracle, etc. The Language Laboratory has 20 Apple Machines and training software.

**Computing equipment and IT Facilities:** The Institute has a central server with 1146 computing machines.

**Library:** The Central Library is well-equipped with 8176 titles, 41322 volumes and subscribes to both national and international journals like IEEE, EBSCO, K-Hub etc.

**Other infrastructure:** All programmes have dedicated seminar halls. A vibrant auditorium with space of 6000 sq.ft. and 264

seating capacity is also available in the campus.

#### Awards for Infrastructure:

The institute has received internationally acclaimed "Design Share Honor", "Top Institutional Theatre Design in the world" and "Professional Lighting Design" awards.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.1.1 OLM AI Infrastructure re%20Facilities.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.1.1 OLM AI Infrastructure re%20Facilities.pdf</a> |

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

The Institute has state of the art and well-maintained sports facilities with full-time qualified Sports Officers to train and guide students.

**Cultural Activities:** Cultural activities are carried out all-round the year at the Amphitheatre, Auditorium, Plaza, and Playgrounds. The institute conducts many dance workshops, movie screenings, skits, rock shows, and theatre workshops. The Annual Intercollegiate Festival - "VERVE" receives participation from around 60 other colleges and has also witnessed the presence of famous personalities like Priyanka Chopra, Ranveer Singh, Arjun Kapoor, Avadhoot Gupte, Nucleya, Aarman Malik, etc.

**Yoga:** The institute has a dedicated Yoga Centre. The institute also conducts many Yoga sessions for students and celebrates international Yoga Day annually. This helps the students to channelize their focus and sharpen the body, mind, and spirit in the right direction.

#### Sports and Games:

- **Indoor games:** The institute has earmarked an area (S-Block) known as DEN for indoor sports. It has games like Table Tennis, Chess, Carom, pool, Air Hockey, Foosball, Play Stations (PS4) and Karaoke room.

- **Outdoor games:** The Institute has a multi-court for Volleyball, Basketball and Tennis. It also has two playgrounds for cultural activities and outdoor sports like Football, Cricket, Kabaddi, Kho-Kho, Athletics, and a Badminton Court.

| File Description                      | Documents   |
|---------------------------------------|---|
| Geotagged pictures                    | <a href="#">View File</a>   |
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.1.2 OLM AI Extracurricular%20Facilities.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.1.2 OLM AI Extracurricular%20Facilities.pdf</a> |

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

37

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | <a href="#">View File</a> |

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

128.11520

| File Description   | Documents                 |
|--|---------------------------|
| Upload audited utilization statements                      | <a href="#">View File</a> |
| Details of Expenditure, excluding salary, during the years | <a href="#">View File</a> |
| Any additional information                                 | <a href="#">View File</a> |

#### 4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

**ILMS software (vMIS):**

VIT's library, a haven for intellectual exploration and academic growth, offers an extensive collection of books, journals, and digital resources. To embrace a paperless future, VIT has initiated library automation, powered by its vMIS (Vidyalankar Management Information System) software, accessible to both staff and students through the Internet or Intranet. The library is in the process of migrating to third-party library software for automating all functions.

**E-resources:**

For electronic resources, VIT's library subscribes to 190+ journals and 1700+ proceedings via IEEE Xplore, the EBSCO host database with 3900+ academic e-journals, 500+ peer-reviewed journals, and 1800+ magazines. Partnerships with "Spoken Tutorial" offer courses, and K-Hub e-resources provide access to 1000+ e-books and 100 magazines. A DrillBit plagiarism software aids academic pursuits. Remote access of e-resources facility is available.

**Library Usage:**

The library includes a dedicated reading and reference section with seating capacity of 170+, 10 dedicated desktops for e-resource access, 30,000+ volumes and 6,000+ titles. The library offers a vast selection of printed materials, accommodating diverse learning preferences and research interests.

The institute has also registered for National Digital Library of India and we actively conduct various activities (6 per year) under the NDL. The Institute has also procured Integrated platform for accessing the e-resources including journals, e-books, magazines etc.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.2.1_OlM_AI_Library%20Management%20System.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.2.1_OlM_AI_Library%20Management%20System.pdf</a> |

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

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

| File Description  | Documents                 |
|---|---------------------------|
| Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership | <a href="#">View File</a> |
| Upload any additional information   | <a href="#">View File</a> |

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

**32.76**

| File Description   | Documents                 |
|--|---------------------------|
| Audited statements of accounts   | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | <a href="#">View File</a> |

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

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

**146**

| File Description   | Documents                 |
|--|---------------------------|
| Upload details of library usage by teachers and students | <a href="#">View File</a> |
| Any additional information                               | <a href="#">View File</a> |

### 4.3 - IT Infrastructure

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

Vidyalankar Institute of Technology is facilitated with extensive computing infrastructure. Institute upgrades ICT enabled infrastructure periodically by procuring suitable software and hardware for the enhancement of teaching-learning and networking capabilities. IT policy of the Institute ensures authenticity of installation of software tools, responsibility of maintenance and timely renewal of all software of the Institution. Institution has an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities. Acceptable use of policy is applicable to Employees, Students, Vendors and Visitors. Institute have framed various policies like Procurement, Installation of Hardware, Network, and software.

Website Hosting and Database Usage policy has its method and hierarchy which is followed systematically.

Institution provides a definite and required annual budget for upgradation of IT facilities which are audited as per the balance sheet and changes in the system as follows:

- Institute has upgraded from 200Mbps to 500Mbps internet bandwidth (1:1) leased line with Vodafone as the service provider.
- High-End SOPHOS-SG-430 is the main firewall, offering best performance satisfying expanding security needs. It manages 40 SOPHOS and TP Link with 10 access points.
- Online Services like application portal, fee payment, marks (SGPA) visible to students, provisional results are provided to students.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.3.1_QlM_AI_%20IT%20Facilities%20.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.3.1_QlM_AI_%20IT%20Facilities%20.pdf</a> |

**4.3.2 - Student - Computer ratio**

| Number of Students | Number of Computers |
|--------------------|---------------------|
| <b>2906</b>        | <b>1146</b>         |

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | <a href="#">View File</a> |

**4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus**

A. 50 Mbps

| File Description                                  | Documents                 |
|---|---------------------------|
| Details of bandwidth available in the Institution | <a href="#">View File</a> |
| Upload any additional information                 | <b>No File Uploaded</b>   |

**4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**

A. All four of the above



| File Description   | Documents   |
|--|---|
| Upload any additional information                            | <a href="#">View File</a>   |
| Paste link for additional information                        | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.3.4_OnM_AI_Facilities%20for%20e-content%20development.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.3.4_OnM_AI_Facilities%20for%20e-content%20development.pdf</a> |
| List of facilities for e-content development (Data Template) | <a href="#">View File</a>   |

#### 4.4 - Maintenance of Campus Infrastructure

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

880.38488

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Audited statements of accounts    | <a href="#">View File</a> |
| Upload any additional information | No File Uploaded          |

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

VIT's Department of Facility Management (FM) diligently maintains and optimizes educational, physical, and support facilities.

##### Maintenance of Physical Infrastructure and Support Facilities:

FM ensures both routine and preventive maintenance.

Housekeeping employs automated tools for daily cleaning, and skilled professionals handle minor repairs. Preventive maintenance encompasses painting schedules, structural audits, fire safety equipment servicing, HVAC maintenance, CCTV upkeep, lift maintenance, water and septic tank cleaning, audio-visual system maintenance, pest control, and smart board maintenance through contracted services.

##### Maintenance of IT Infrastructure:

The institute's IT department, including a system administrator

and support staff, manages the IT infrastructure, which includes desktops and networking hardware.

#### Utilization of Facilities:

**Classrooms/Laboratories/Tutorial Rooms:** The FM department conducts pre-semester maintenance to ensure proper functioning of fixtures, AC systems, and furniture.

**Library:** The librarian and support staff maintain the library through in-house Library Management Software, with the assistance of a library committee for resource procurement.

**Sports Complex:** The sports department, with instructors and a sports officer, manages sports facilities and maintenance. They also organize sports events, training sessions, and matches.

Through these systematic procedures and dedicated departments, VIT ensures proper upkeep and effective utilization of facilities, promoting academic and physical well-being.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.4.2_OlM_AI_Maintenance%20Policy.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/4.4.2_OlM_AI_Maintenance%20Policy.pdf</a> |

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1379

| File Description  | Documents                 |
|---|---------------------------|
| Upload self-attested letters with the list of students receiving scholarships | <a href="#">View File</a> |
| Upload any additional information   | <a href="#">View File</a> |

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

109

| File Description                        | Documents                 |
|---|---------------------------|
| Upload any additional information       | <a href="#">View File</a> |
| Institutional data in prescribed format | <a href="#">View File</a> |

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

A. All of the above

| File Description                              | Documents   |
|---|---|
| Link to Institutional website                 | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/5.1.3_QnM_AI_Capacity%20Development%20and%20Skill%20Enhancement%20Activities.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/5.1.3_QnM_AI_Capacity%20Development%20and%20Skill%20Enhancement%20Activities.pdf</a> |
| Details of capability development and schemes | <a href="#">View File</a>   |
| Any additional information                    | <a href="#">View File</a>   |

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

1060

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | <a href="#">View File</a> |
| Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template) | <a href="#">View File</a> |

**5.1.5 - The institution adopts the following mechanism for redressal of students'**

A. All of the above

**grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees**

| File Description   | Documents                 |
|--|---------------------------|
| Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee | <a href="#">View File</a> |
| Details of student grievances including sexual harassment and ragging cases  | <a href="#">View File</a> |
| Upload any additional information  | No File Uploaded          |

## 5.2 - Student Progression

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

404

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Self-attested list of students placed | <a href="#">View File</a> |
| Upload any additional information     | <a href="#">View File</a> |

### 5.2.2 - Number of outgoing students progressing to higher education

34

| File Description                                  | Documents                 |
|---|---------------------------|
| Upload supporting data for students/alumni        | <a href="#">View File</a> |
| Details of students who went for higher education | <a href="#">View File</a> |
| Any additional information                        | No File Uploaded          |

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

53

| File Description                           | Documents                 |
|--|---------------------------|
| Upload supporting data for students/alumni | <a href="#">View File</a> |
| Any additional information                 | <a href="#">View File</a> |

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

12

| File Description                           | Documents                 |
|--|---------------------------|
| e-copies of award letters and certificates | <a href="#">View File</a> |
| Any additional information                 | <a href="#">View File</a> |

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

The student council, encompassing the cultural, technical, sports and literary council, plays a pivotal role in providing a well-rounded educational experience for students & overall development of students by fostering cultural understanding, technological literacy, physical fitness and literary skills. Students participate in student council activities and gain valuable leadership experiences, learn to collaborate effectively and develop a sense of responsibility towards. Thus, the student council serves as a catalyst in creating a vibrant, inclusive, and nurturing educational environment, preparing students for success in personal and professional lives.

In addition to this, Student Associations like CESA, ITSA, EESA, ETSA, BMSA, are also established in each department. Student Chapters and Student Associations in

Vidyalankar actively organize various technical workshops, invited talks, skills and knowledge enhancement program, technical seminars etc.

Our students are associated with professional bodies such as ACM, CSI, IEEE, ISTE, IETE, BMESI ,Master of Management Studies Professional Body(MMPSB) through establishment of Student Chapters.

Our students represent as member of Department Advisory Board(DAB) of their parent department which is crucial for fostering student engagement, empowerment and inclusivity. By involving students in decision-making processes we ensure that the student voice is heard and considered.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/5.3.2_QlM_AI_Student%20Council%20.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/5.3.2_QlM_AI_Student%20Council%20.pdf</a> |

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

87

| File Description   | Documents                 |
|--|---------------------------|
| Report of the event  | <a href="#">View File</a> |
| List of sports and cultural events / competitions organised per year | <a href="#">View File</a> |
| Upload any additional information                                    | No File Uploaded          |

### 5.4 - Alumni Engagement

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

The Alumni Committee connects alumni to the Institute through various digital means, and alumni contribute significantly to institutional development. Vidyalankar Institute of Technology (VIT) has devised mechanisms like the Alumni Committee, Directory, and the Alumni App "Alma Shine."

Since 2003, The Alumni Committee has nurtured a bond with the alma mater and receives feedback on curriculum delivery, assessment mechanisms, and guest sessions on alumni success stories to enhance employment opportunities and create a networking platform.

VIT has a highly informative alumni directory having data on its alma mater from 2003 till date. The Alumni Directory keeps track of alumni with different sorting methods, and the Alumni Android app has over 6000 registered alumni. VIT takes pride in its star alumni who hold eminent positions in Apple, Qualcomm, Ericsson, CISCO, Deloitte, Intel, Morgan Stanley, IBM, Samsung, Amazon, and Barclays.

VIT alumni contribute to the Institute's development through guest lectures, sharing success stories, career counselling, and organizing international educational tours to reputed institutes, serving as members of DAB to facilitate curriculum enrichment, and also as members of IQAC for quality enhancement in different aspects like Industry-Institute interaction, Value added courses, Start-ups, placements, etc.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/5.4.1_Q1M_AI_Alumni%20Association.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/5.4.1_Q1M_AI_Alumni%20Association.pdf</a> |

**5.4.2 - Alumni's financial contribution during the year**      E. <2 Lakhs

| File Description                  | Documents        |
|-----------------------------------|------------------|
| Upload any additional information | No File Uploaded |

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

The institute is an Autonomous engineering and management institute approved by AICTE, affiliated to the University of

Mumbai. The vision of the institute is "To be globally recognized institute where learners are nurtured in a scholarly environment to evolve into competent professionals and researchers to benefit society". The vision will be achieved by placing emphasis on following mission: Curriculum emphasizing strong fundamentals of contemporary subjects, Teaching-learning process by highly competent faculty, digitally enabled learning environment, develop academic and infrastructural facilities, establish a Center of Excellence to enhance academia-industry partnership. The institute believes in values: Honesty, Integrity, Excellence, Responsibility, Commitment and Salubrious attitude that drives its actions towards vision and mission. The Governing Body is the apex regulating authority that ensures all its functions are aligned with the Vision, Mission, and values. Participatory, decentralised, and transparent governance ensures good organisational structure and accountability in academic and administrative operations. The institute promotes participation of all stakeholders for smooth functioning of the institute by constituting various committees under the leadership of senior faculty members. It ensures involvement and contribution of staff members in planning institute activities. The Institute also undertakes strategic planning by laying objectives for continuous improvement.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.1.1_AI_Governance%20Structure.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.1.1_AI_Governance%20Structure.pdf</a> |

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

The Institute fosters decentralisation and participative management at various administrative and academic levels to ensure effective implementation and hence monitoring of SOPs, rules, regulations, and guidelines. The principal is the academic & administrative head who monitors the overall functioning and has powers for academic, administrative, finance and institute's growth. For efficient functioning, the daily administration is coordinated by Vice Principal (VP), Chief Academic officer (CAO), Chief Operating Officer (COO) and



Director Internal Quality Assurance Cell (IQAC) who works in coordination with the principal. VIT has decentralised its operations and has delegated authority at various levels to ensure good governance. There is a structured delegation of authority that encourages academic leadership among the faculty within subject disciplines, peer groups through clusters and researchers through minor research proposals. Faculty are also empowered to decide academic/administrative/co-curricular/extra-curricular activities. Such decentralisation strengthens administrative skills with professional responsibility and accountability that ensures broader participation in the decision-making process. The library is the focal point of any academic institution that enhances teaching, learning and research among the students and faculty members. The case study of library development demonstrates how effectively the activities are decentralized and how it ensures participation of the staff in enhancement of library operations.

| File Description  | Documents   |
|---|---|
| Upload strategic plan and deployment documents on the website | <a href="#">View File</a>   |
| Upload any additional information                             | <a href="#">View File</a>   |
| Paste link for additional Information                         | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.1.2_AI_Decentralisation%20Case%20Study.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.1.2_AI_Decentralisation%20Case%20Study.pdf</a> |

## 6.2 - Strategy Development and Deployment

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

The Institute has a strategic plan for development where the goals and action plans are stated and are aligned with the Institutes Vision and Mission. The plans are developed by the Institute Strategic Planning Committee (ISPC) in consultation with IQAC and approved by the Governing Body. The institute implemented a distinct practice of "My Timetable" for First Year Engineering students in A.Y. 2022-23. It is a unique initiative wherein students can design their own schedule. This flexibility will encourage learners to follow their passion and inherent interests and learn at a pace that they are comfortable with, as we believe that "one size does not fit

all". My Timetable framework empowers learners with flexibility in terms of choosing across different faculty and modes of learning. This practice has enhanced the scope for diverse learning opportunities, strengthens their toolset, skillset and mindset and strives for holistic personality development. In this framework learners can make informed choices about:

- Courses they would like to enroll for
- Days of the week for learning
- Timing slot of learning
- Faculty they wish to learn from

By observing the benefits of this initiative to the first-year students now it is implemented for Second Year students also.

| File Description                                       | Documents   |
|--|---|
| Strategic Plan and deployment documents on the website | <a href="#">View File</a>   |
| Paste link for additional information                  | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.3.1_AI_Welfare%20Measures.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.3.1_AI_Welfare%20Measures.pdf</a> |
| Upload any additional information                      | <a href="#">View File</a>   |

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

The Institute is managed by the Governing Body (GB), constituted as per the guidelines stipulated by AICTE. The members of the GB discuss and decide policies and action plans for fulfilment of the stated mission. VIT has decentralized its operations and has delegated authority at various levels to ensure good governance. The principal is the academic & administrative head who monitors the overall functioning. For efficient functioning, the daily administration is coordinated by Vice Principal (VP), Chief Academic officer (CAO), Chief Operating Officer (COO) and Director Internal Quality Assurance Cell (IQAC) who works in coordination with the principal. Some of the major components from the proposed governance structure are Academic council at Institute level, Board of studies at department level to monitor and review program structure of the department and examination committee which is responsible for

conducting mid semester and End Semester examinations in the institute. The committee is also authorized to make policy decisions about organizing, conducting examinations and declaration of results. Service rules procedures and Promotional policies are followed as per the rules of AICTE and Mumbai University. Grievance redressal mechanism: Grievances Redressal cell deals with all types of grievances, complaints, and malpractices including those received from Students, Faculty, and other Stakeholders.

| File Description                                    | Documents   |
|---|---|
| Paste link to Organogram on the institution webpage | <a href="https://vit.edu.in/about.html">https://vit.edu.in/about.html</a>   |
| Upload any additional information                   | <a href="#">View File</a>   |
| Paste link for additional Information               | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.2.2 AI Administrative%20Set%20Up Service%20Rules.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.2.2 AI Administrative%20Set%20Up Service%20Rules.pdf</a> |

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

A. All of the above

| File Description  | Documents                 |
|---|---------------------------|
| ERP (Enterprise Resource Planning) Documen                      | <a href="#">View File</a> |
| Screen shots of user interfaces                                 | <a href="#">View File</a> |
| Details of implementation of e-governance in areas of operation | <a href="#">View File</a> |
| Any additional information                                      | No File Uploaded          |

### 6.3 - Faculty Empowerment Strategies

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

The Institute has following effective welfare schemes for the benefit of its teaching and non-teaching staff.

1) Teaching Staff: Reimbursement of fees paid for

STTP's/Workshops as per policy, laptops provided to every faculty to encourage use of modern teaching aids.

2) Non-Teaching staff: Sponsorship/Fee Reimbursement for Workshop/Training as per policy, appointment on compassionate grounds to a dependent family member of an employee who has expired while in service, three sets of uniform to non-teaching staff for which the entire cost is borne by the Institute.

3) All staff:

- Leave/Reduced teaching load to pursue Masters/Doctoral research provided to faculty completing two years of continuous service, various leaves like casual leave, sick leave, earned leave, maternity leave, study leave and compensatory leave as per the HR policy.
- All staff are eligible for Gratuity after completing continuous service of minimum 5 years, Leave Travelling Concession once in a block of two calendar years, coverage of medical insurance up to 1 lakh.
- First Aid boxes on campus, a full-fledged Gymkhana offering recreational facilities, health awareness programs like yoga sessions, Meditation and Resilience, CPR etc., professional counsellor to address students & Staff.
- To recognize and appreciate contributions by the staff, institute has a Performance Appraisal system.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.3.1_AI_Welfare%20Measures.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.3.1_AI_Welfare%20Measures.pdf</a> |

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

29

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | <a href="#">View File</a> |

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

18

| File Description   | Documents                 |
|--|---------------------------|
| Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres) | <a href="#">View File</a> |
| Upload any additional information  | <a href="#">View File</a> |

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

110

| File Description  | Documents                 |
|---|---------------------------|
| Summary of the IQAC report  | <a href="#">View File</a> |
| Reports of the Human Resource Development Centres (UGC ASC or other relevant centers) | <a href="#">View File</a> |
| Upload any additional information   | <a href="#">View File</a> |

## 6.4 - Financial Management and Resource Mobilization

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

The Institute has a system of internal as well as external audit. The Books of Accounts of the Institute are audited by the in-house audit team as well as external auditor. Internal audit helps the institute to follow a systematic approach to

evaluate and enhance the effectiveness of financial processes. The Institute has a Finance committee in place which periodically reviews relevant policies and SOPs. To evaluate and enhance the effectiveness of financial processes, the institute follows a systematic approach while conducting internal audits. The audit process monitors accounting categories namely student fees collected, various expenses incurred, professional tax paid, TDS, assets, and liabilities, among others. As a part of the audit process, an extensive review and verification of all the transactional vouchers is done and the observations made by the auditors are duly complied with. The external auditor fulfills the responsibility of statutory audit of Institute's Income and Expenditure statement, Balance Sheet, and annexures. Statutory audit is conducted once in a year by the external auditor as per stipulated provisions of the Income Tax Act.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.4.1_AI_Audit%20Report.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.4.1_AI_Audit%20Report.pdf</a> |

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

1,44,500

| File Description  | Documents                 |
|---|---------------------------|
| Annual statements of accounts   | <a href="#">View File</a> |
| Details of funds / grants received from non-government bodies, individuals, philanthropists during the year | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |

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

Being a self-financed autonomous Institute, it does not receive grants or donations from the Government. The major source of funds is collection of tuition fees from the students admitted for various UG and PG programmes. The other financial sources

are technical consulting, research project grants, sponsorships for various conferences, seminars, establishment of Industry sponsored labs etc. The institute undertakes planning and budgeting process for appropriate and proper utilization of financial resources. Budget compliance and financial data are closely monitored by the Institute. The HODs submit the budget requirement of respective departments to the director's office by justifying the resources required to carry out various activities for the department. Based on the centrally available budget of the institute the allocation is carried out to the respective departments. Subsequently departments start utilizing the approved budget for the various academic and administrative activities as per the norms laid down by the authorities. Fund allocation to mobilise the financial resources are prioritised as follows: Remuneration to the faculty and administrative staff; staff welfare activities; guest lectures, workshops, FDPs, training programs; development and maintenance of institute infrastructure; technical, cultural, and literary events; placements; uniforms; study material printing; digital content development; University expenditure; Examination fees; research activities; library; security etc.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.4.3_AI_Institute%20Budget.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.4.3_AI_Institute%20Budget.pdf</a> |

## 6.5 - Internal Quality Assurance System

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

With autonomy status from the year 2022-23, the responsibility of IQAC sustaining the impetus of quality awareness holds significant importance in the institute. It ensures planning, guiding, and monitoring quality assurance (QA) and quality enhancement (QE) activities of the institute. The IQAC steers and systematizes the efforts and measures of an institute towards academic excellence. The IQAC has implemented following

incremental improvements as a part of quality initiatives post accreditation:

**Practice 1: Lecture Guide:** The concept of lecture guide involves a thoughtful and structured approach to ensure effective teaching and learning. It defines clear and specific course objectives and learning outcomes.

**Practice 2:GE and LE courses**

Department of First year engineering and Department of Management Studies has planned to offer novel and engaging courses namely General Education courses (GE) and Life Enrichment Courses (LE) as a part of Autonomy syllabus in addition to academic courses of first year. These courses are a great way for students to explore new interests, stay mentally and physically active, and continue their learning journey throughout their lives. They provide opportunities for personal growth, social interaction, and the pursuit of passions outside of formal education.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.5.1_AI_Evidences%20of%20Case%20Study.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.5.1_AI_Evidences%20of%20Case%20Study.pdf</a> |

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

**Project Based Learning:** It allows students to apply theoretical knowledge to real-world scenarios. It was implemented in First Year Engineering for all courses. It encouraged students to explore real life problems, work collaboratively that foster a deeper comprehension of engineering concepts. Students learned to communicate effectively, distributed tasks, and collaborated with peers, which are crucial skills in professional settings. Students completed their projects successfully which significantly boosted students' confidence in their engineering abilities, encouraging them to tackle more complex problems in the future.

**Reforms in Curriculum Design:** To meet the challenge of ensuring



excellence in technical education, the issue of quality needs to be addressed, debated, and taken forward in a systematic manner. Therefore, autonomy for VIT was not merely a transition from pre-cooked syllabi to self-designed curriculum. Autonomy curriculum of the Institute offers required academic flexibility with emphasis on industry requirements and market trends, employability and problem-solving approach which leads to improving competency level of learners with diverse strengths. The institute also recognized the gap that is often manifested between the knowledge, skill sets and attitude requirements by the industry and what conventional technical education imparts. To bridge this gap, we diligently mapped the existing curriculum against nationally and internationally acclaimed top tier institutes.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.5.2_AI_Evidences%20of%20Case%20Study.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/6.5.2_AI_Evidences%20of%20Case%20Study.pdf</a> |

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

A. Any 4 or all of the above

| File Description   | Documents   |
|--|---|
| Paste the web link of annual reports of the Institution            | <a href="https://vit.edu.in/annual-reports.html">https://vit.edu.in/annual-reports.html</a> |
| Upload e-copies of accreditations and certification                | <a href="#">View File</a>   |
| Upload details of quality assurance initiatives of the institution | <a href="#">View File</a>   |
| Upload any additional information                                  | <a href="#">View File</a>   |

**INSTITUTIONAL VALUES AND BEST PRACTICES****7.1 - Institutional Values and Social Responsibilities****7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year**

As a learner-centric Institute, VIT believes in affirmative action when it comes to equality, inclusivity and diversity by providing equal opportunities to its students and staff without any discrimination on the basis of gender, religion, caste, provincial, urban-rural grounds. Gender-related issues are addressed directly or indirectly in courses like Entrepreneurship Management and Environmental Studies. Modules on Gender bias and Human rights including, sexual and reproductive rights, the rights to equality and non-discrimination, women entrepreneurship, values and gender socialization are discussed in these courses. The Institute implements the State Government's 30% ladies reservation policy for admission. The Institute has Women Development Cell and IEEE Women in engineering committee to promote and encourage female students and employees for their overall development through various activities. The institute also formulated an Internal Complaint Committee which conducts the meeting once in a semester. The major goal of the committee is to plan an activity with University of Mumbai under ICC and to discuss on incidents or complaints of harassment of girl students and women employees in the institute. Also it organize various Open Dialog sessions on Gender sensitization with students and faculties.

A Gender Equity survey is carried out to assess the gender representation and equity practices among student and faculty member. The survey aimed to gather feedback on the current state of gender equity at the institute and to gauge student and faculty members confirm with the existing systems and practices.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional Information | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.1.1 OLM AI GenderEq.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.1.1 OLM AI GenderEq.pdf</a> |

**7.1.2 - The Institution has facilities for alternate sources of energy and energy**

**B. Any 3 of the above**

conservation: Solar energy  
plant Wheeling to the Grid  
energy conservation Use of LED bulbs/  
power-efficient equipment

Biogas

Sensor-based

| File Description               | Documents                 |
|--------------------------------|---------------------------|
| Geotagged Photographs          | <a href="#">View File</a> |
| Any other relevant information | <a href="#">View File</a> |

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

#### Waste Management at Campus

Institute makes deliberate measures to handle degradable and non-degradable waste and emphasizes on maintaining clean campus. All are encouraged to adopt the 3Rs, namely Reduce, Reuse, and Recycle.

#### Solid Waste Management Practices:

- The use of Styrofoam in the cafeteria is not permitted.
- Campaigns are conducted to reduce the use of plastic both on and off campus.
- Organic and nonbiodegradable (Dry) wastes are collected in green and blue dustbins.
- A composting facility is in place for generating high-quality manure.

#### Liquid Waste Management practices:

- Wastewater management at campus includes cleaning plant areas, sludge removal, dewatering, and tank cleaning.
- A sewage Treatment Plant (STP) with a capacity of 200 m<sup>3</sup> per day is in place to take care of wastewater generated. Water is REUSED in green landscaping through sprinklers.

#### E-waste management practices:

- Regular maintenance by technical staff and reutilization of spare parts of discarded electronic devices is a common practice.
- To sensitize students and staff on the careful disposal and management of electronic waste, an E-waste bin is installed at VIT.

- E-waste is collected by a company called Eco Recycling Ltd (Ecoreco).
- Non-functional computers, monitors, and printers are discarded in an eco-friendly manner.
- To create awareness about E-waste and its harmful effects on humans and the environment 'An E-waste awareness campaign' is conducted.

| File Description  | Documents                 |
|---|---------------------------|
| Relevant documents like agreements/MoUs with Government and other approved agencies | <a href="#">View File</a> |
| Geotagged photographs of the facilities   | <a href="#">View File</a> |
| Any other relevant information  | No File Uploaded          |

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

**B. Any 3 of the above**

| File Description                                 | Documents                 |
|--|---------------------------|
| Geotagged photographs / videos of the facilities | <a href="#">View File</a> |
| Any other relevant information                   | <a href="#">View File</a> |

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

| File Description   | Documents                 |
|--|---------------------------|
| Geotagged photos / videos of the facilities                        | <a href="#">View File</a> |
| Various policy documents / decisions circulated for implementation | <a href="#">View File</a> |
| Any other relevant documents                                       | <a href="#">View File</a> |

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

|  |  |
|--|--|
| <p><b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b></p> <ol style="list-style-type: none"> <li><b>1. Green audit</b></li> <li><b>2. Energy audit</b></li> <li><b>3. Environment audit</b></li> <li><b>4. Clean and green campus recognitions/awards</b></li> <li><b>5. Beyond the campus environmental promotional activities</b></li> </ol> | <p><b>A. Any 4 or all of the above</b></p> |
|--|--|

| File Description  | Documents                 |
|---|---------------------------|
| Reports on environment and energy audits submitted by the auditing agency | <a href="#">View File</a> |
| Certification by the auditing agency                                      | <a href="#">View File</a> |
| Certificates of the awards received                                       | <b>No File Uploaded</b>   |
| Any other relevant information  | <a href="#">View File</a> |

|   |  |
|---|--|
| <p><b>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information:</b></p> | <p><b>A. Any 4 or all of the above</b></p> |
|---|--|

**Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.**

| File Description   | Documents                 |
|--|---------------------------|
| Geotagged photographs / videos of facilities                 | <a href="#">View File</a> |
| Policy documents and brochures on the support to be provided | <a href="#">View File</a> |
| Details of the software procured for providing assistance    | No File Uploaded          |
| Any other relevant information                               | No File Uploaded          |

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

The Institute engages in a number of initiatives to foster an atmosphere where moral, cultural, and spiritual values are valued among students and employees.

- An online event "???? ???, ??? ?????" conducted on August 15, 2022. The event was conducted under the aegis of AICTE'S 'Azadi ka Amrit Mahotsav' thereby taking a strong step towards 'Ek Bharat Shreshtha Bharat'.
- Navratri Ustav 'Ras Garba' was celebrated on 29th September 2023.
- Diwali week celebrated from 18th to 20th October 2022, where the classical prodigy shined to its fullest potential through different events like Lenten making workshop, Rangoli competition, Diwali exhibition and Killa making.
- Various events like 'Shivaji Maharaj Jayanti' on 23rd June 2022, '?????????'-to celebrate different traditions on 23rd March 2023, 'Telescope handling and stargazing' workshop on 12th June 2023, short story making competition titled 'Mirage of words' on 10th January 2023, 'Author's meet and greet' on 27th March 2023 were conducted.

| File Description   | Documents                 |
|--|---------------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | <a href="#">View File</a> |

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

The institute engages in programmes to raise awareness of the fundamental rights and responsibilities of Indian citizens, instilling in staff and students the ideals of constitutional responsibility.

- Dr. Surendra Pathak, a specialist in the area of "Universal Human Values," led a session for students as part of the induction programme on November 7, 2022. The primary objective to nurture students various differences in human behaviour and virtues. It aimed to imbibe happiness in every student through right understanding and right thought. Code of conduct is disseminated in orientation program at the beginning of every semester.
- On 11th February 2023, event titled as 'Energy Audit' was organised. Objectives of an event to enlighten the students about the planning and organising of our energy resources while maintaining our sustainable ways. It aims to provide us platform for the verification, monitoring and analysis of use of energy.
- In order to sensitise students and staff to the constitutional mandate, many programmes such as 'Orphan Teaching,' 'Beach Cleaning,' 'Mithi River Cleaning', 'Crowd Management,' 'Non Violence session', 'Say yes to life and No to drugs', 'Yoga and fit health awareness' were conducted during 2022-23.

| File Description  | Documents                 |
|---|---------------------------|
| Details of activities that inculcate values necessary to transform students into responsible citizens | <a href="#">View File</a> |
| Any other relevant information  | <a href="#">View File</a> |

**7.1.10 - The institution has a prescribed code of conduct for students, teachers,**

**administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized**

| File Description   | Documents                 |
|--|---------------------------|
| Code of Ethics - policy document   | <a href="#">View File</a> |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims | <a href="#">View File</a> |
| Any other relevant information   | <a href="#">View File</a> |

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

National festivals observed at VIT include Marathi Bhasha Divas, Independence Day and Republic Day. Also, institute celebrates international yoga day.

#### Republic Day

Students and staff of all Institutes on the campus assemble every year on 26 January on the occasion of Republic Day and attend flag hoisting followed by a systematic parade by security guards.

#### Independence Day

Independence Day is celebrated every 15 August in VIT with a flag hoisting ceremony followed by a systematic parade by security guards. To promote unity and harmony, various institutes on the campus showcase cultural program together. One of the events organized by NSS VIT was a Skit Play to remember the contributions or great freedom fighters of the



Country.

### International Yoga Day

The International Day of Yoga was celebrated in VIT to contribute to the global cause of honing and withholding the ancient and serene practice of physical wellbeing in conjugation of mental serendipity. The event was conducted in the M-501 room hosting approximately 30 participants which included a mix of students and faculty members alike.

| File Description   | Documents                 |
|--|---------------------------|
| Annual report of the celebrations and commemorative events for during the year | <a href="#">View File</a> |
| Geotagged photographs of some of the events                                    | <a href="#">View File</a> |
| Any other relevant information   | <a href="#">View File</a> |

## 7.2 - Best Practices

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

### 1. Enhancing Technical Competency through Problem Based Learning

Problem-based learning(PBL) is a learner-centric pedagogy prevalent at VIT in which students learnt technical concepts by solving open-ended problems. The PBL methodology is implemented across all programs and in many courses. Students discuss the chosen problem statement and list its significant parts and its possible solutions with use of appropriate technological tools. Learning through PBL results in enhanced creative thinking and higher order thinking skills. Students get an opportunity to work on real life problems. Over the years, VIT students have been consistently bagging top prizes by winning various prestigious hackathon competitions at the national level.

### 2. Enhancing Learning Experience through Lectures by Faculty of International and National Institutes and Experts from Industry

VIT has initiated a practice of an entire course to be conducted by external instructors from universities abroad or prestigious academic institutions like IITs or by industry personnel to enable sharing of cutting-edge technology with students. The external faculty are supported by an internal shadow teacher, who provides operational support. E.g. "Analysis of Algorithm" was conducted by a Rutgers University Professor in online mode for the fourth semester students of Computer Engineering. Such lectures by external instructors are an opportunity for learners to be acquainted with alternative technologies, diverse perspectives. Students' feedback is positive for this initiative.

| File Description                            | Documents   |
|---|---|
| Best practices in the Institutional website | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.2.1_OLM_BestPractice.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.2.1_OLM_BestPractice.pdf</a>       |
| Any other relevant information              | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.2.1_OLM_AI_BestPractice.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.2.1_OLM_AI_BestPractice.pdf</a> |

### 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)

In view of the Autonomous Status conferred on Vidyalankar Institute of Technology since AY 2022-23, there is increased emphasis on flexibility in the learning experience. As the priority and thrust of VIT is learner-centricity, in sync with NEP, innovative measures are undertaken to offer a unique and distinctively flexible learning environment. Multimodal flexibility is offered to VIT students in terms of:

#### Making "My Timetable"

Students have the flexibility to design their own timetable by choosing the courses, day, preferred time slot, and course instructor.

#### Course Selection

Students can choose the courses they want and complete them at

their own pace. All courses offered by the Institute are open for enrolment (subject to credit and prerequisite fulfilment) by students of any program.

#### Flexibility in choice of Advanced Learning Course

Students can choose when they would like to complete the course. Some may opt to complete more courses, and work on increasing depth/breadth of learning.

#### Faculty Choice

Students can choose faculty members depending on availability of time slot, subject expertise, and mode of learning.

Academic flexibility is pivotal to the learning experience at an autonomous institute, and it encourages students to choose interdisciplinary courses as per their needs and interest.

| File Description                              | Documents   |
|---|---|
| Appropriate link in the institutional website | <a href="https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.3.1_QlM_AI_Distinct.pdf">https://vit.edu.in/images/downloads/naac-uploads/2022-23/7.3.1_QlM_AI_Distinct.pdf</a> |
| Any other relevant information                | <a href="#">View File</a>   |

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

- The Institute shall apply to the AICTE for Increase in Intake by 60 seats each in Undergraduate Programme in B.Tech.-Information Technology and B.Tech-Computer Engineering
- The Institute shall apply to NAAC for Extension of Validity period (due to Transition phase as Autonomous College), so as to enable the Institute to apply to NAAC for Assessment & Accreditation (A&A) for the subsequent cycle as an autonomous college.
- The Institute shall revise and Implement the B.Tech. First Year Curriculum for all courses from the A.Y. 2023-24, as per NEP-2020 Guidelines.
- One Course per semester per programme shall be conducted by Industry/IIT/NIT/Foreign University Experts
- Center of Excellence in Teaching-Learning Process shall

be established.

- Institute shall tie up with TCSiON for development of MIS for academic and administrative processes.
- Inclusion of academic rigor related items in the Academic Administration Plan.
- Deputation of 10% Faculty for Internship in Industries to strengthen the faculty competency and Industry-Academia Relationship
- Strengthening committee activities by conducting minimum one flagship event in each semester
- Modernization of the LABs with new relevant industry trends ( IoT, AR-VR, etc.) and aesthetic look.