



## YEARLY STATUS REPORT - 2020-2021

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>	BANSILAL RAMNATH AGARWAL CHARITABLE TRUST'S VISHWAKARMA INSTITUTE OF TECHNOLOGY
• Name of the Head of the institution	Dr. Rajesh Jalnekar
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	020-24202221
• Alternate phone No.	
• Mobile No. (Principal)	9552544489
• Registered e-mail ID (Principal)	director@vit.edu
• Address	666, Upper Indiranagar, Bibwewadi
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	411037
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	17/07/2008
• Type of Institution	Co-education
• Location	Urban

• Financial Status	<b>Self-financing</b>				
• Name of the IQAC Co-ordinator/Director	<b>Vijay Gaikwad</b>				
• Phone No.	<b>02024202136</b>				
• Mobile No:	<b>8788923835</b>				
• IQAC e-mail ID	<b>dean.qa@vit.edu</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>					
<b>4.Was the Academic Calendar prepared for that year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.vit.edu/images/News/Academic_Calendar-2020-21.pdf">https://www.vit.edu/images/News/Academic_Calendar-2020-21.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 2</b>	<b>A++</b>	<b>3.53</b>	<b>2018</b>	<b>02/11/2018</b>	<b>01/11/2023</b>
<b>Cycle 1</b>	<b>A</b>	<b>3.29</b>	<b>2013</b>	<b>08/07/2013</b>	<b>07/07/2018</b>
<b>6.Date of Establishment of IQAC</b>			<b>26/07/2013</b>		
<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>					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
<b>Vishwakarma Institute of Technology, Pune</b>	<b>Autonomy</b>	<b>UGC</b>	<b>17/07/2008</b>	<b>0</b>	
<b>Vishwakarma Institute of Technology, Pune</b>	<b>Autonomy Extension</b>	<b>UGC</b>	<b>01/07/2019</b>	<b>0</b>	

<b>8. Provide details regarding the composition of the IQAC:</b>	
<ul style="list-style-type: none"> <li>• Upload the latest notification regarding the composition of the IQAC by the HEI</li> </ul>	<a href="#">View File</a>
<b>9.No. of IQAC meetings held during the year</b>	<b>2</b>
<ul style="list-style-type: none"> <li>• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul>	<b>Yes</b>
<ul style="list-style-type: none"> <li>• If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
<b>10. Did IQAC receive funding from any funding agency to support its activities during the year?</b>	<b>No</b>
<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>	
Engineering Design project for students in every semester	
Software development project for students in every semester	
Faculty training in emerging areas like data science, Robotics, the Internet of Things, Applied electronics.	
360-degree assessment for ensuring improvement in technical communication skills, technical writing skills, presentation skills of the students.	
Introduced the Latest subject like Data science, Applied Electronics. OOPs, and Mechanical and System Engineering	
<b>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:</b>	

Plan of Action	Achievements/Outcomes
<p>To arrange faculty development sessions based on Identified Honour /Minor specializations for detailed orientation to Faculty in topics such as IOT, Cyber Security, AI ML, Data Sciences, AR-VR, Robotics, 3Dprinting, Electric Vehicles, Energy.</p>	<p>Faculty training in emerging areas like data science, Robotics, Internet of Things, Applied electronics</p>
<p>Software development projects for FY, SY and TY of all branches.</p>	<p>Software development project for students in every semester</p>
<p>All round development of students through 360 degree assessment, which ensures improvement in technical communication skill, technical writing skill, presentation skill of the students.</p>	<p>360 degree assessment for ensuring improvement in technical communication skill, technical writing skill, presentation skill of the students.</p>
<p>Subjects on latest trends and technology for Second-year students</p>	<p>Introduced the Latest subject like Data science, Applied Electronics. OOPs, and Mechanical and System Engineering</p>
<p><b>13. Was the AQAR placed before the statutory body?</b></p>	<p><b>Yes</b></p>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
<p>Name of the statutory body</p>	<p>Date of meeting(s)</p>
<p><b>Board of Management</b></p>	<p><b>16/06/2021</b></p>
<p><b>14. Was the institutional data submitted to AISHE ?</b></p>	<p><b>Yes</b></p>
<ul style="list-style-type: none"> <li>Year</li> </ul>	

Year	Date of Submission
01/07/2021	01/12/2021

### Extended Profile

#### 1.Programme

1.1 10

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

#### 2.Student

2.1 5720

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	No File Uploaded

2.2 1269

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

2.3 5674

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

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

#### 3.Academic

3.1 335

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded
3.2	317
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3	317
Number of sanctioned posts for the year:	
<b>4.Institution</b>	
4.1	480
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	62
Total number of Classrooms and Seminar halls	
4.3	1503
Total number of computers on campus for academic purposes	
4.4	4213.89
Total expenditure, excluding salary, during the year (INR in Lakhs):	
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curriculum Design and Development</b>	
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 institute curriculum has always been updated keeping track of local, regional, national and global developmental needs. The autonomous status of the Institute for the past 13 years allows it to leverage this to an advantage. The institute curriculum emphasises	

on the technical knowledge. The state of the art courses consistent with the needs are designed and implemented from time to time. The institute offers honors courses in various streams to cater to this need. The analytical skills are nurtured through well designed home assignments. Emphasis on project based and project centric learning nurtures design and development aspects. Modern tools are used in student projects, laboratories to give a real hands on experience. Courses based on philosophy, ethics imbibe the role of student in a global society. Environment related awareness is given to all students on the basis of courses on Environmental awareness. Various other aspects such as an individual growth or being a member of a team are addressed to on the basis of group discussions, presentations etc. Soft skills and communication skills; English, logic and quantitative aptitude are also covered. Also courses on project management and finance are taught to all branches of engineering.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	Nil

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

8

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

2

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

7

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	No File Uploaded

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

8

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
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

**For institutions, cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and**



Human Values are very important. The Institute focuses on not only preparing technically competent Engineers but also responsible human beings. The challenges of the new generation regarding ethics, moral behavior are addressed, with courses focussing on Indian philosophy, psychology. Gender equality is promoted by means of arranging group activities, inspirational sessions by leading ladies from the society. Environmental science courses are also designed to ensure student awareness about the environment. Human values are also covered in courses of Indian philosophy and psychology.

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	No File Uploaded

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

69

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

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

13227

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	No File Uploaded

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

852

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 1.4 - Feedback System

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

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://www.vit.edu/images/NAAC/Students_Satisfaction_Survey_AY_2020-21.pdf">https://www.vit.edu/images/NAAC/Students_Satisfaction_Survey_AY_2020-21.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	No File Uploaded

**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://www.vit.edu/images/NAAC/Students_Satisfaction_Survey_AY_2020-21.pdf">https://www.vit.edu/images/NAAC/Students_Satisfaction_Survey_AY_2020-21.pdf</a>
Any additional information	No File Uploaded

#### TEACHING-LEARNING AND EVALUATION

##### 2.1 - Student Enrollment and Profile

###### 2.1.1 - Enrolment of Students

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

1359

File Description	Documents
Any additional information	No File Uploaded
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)

410

File Description	Documents
Any additional information	No File Uploaded
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.

Based on the academic performances of the students in previous academic year, a general academic ability mapping is done in the Institute. The students admitted to the Institute hail from diverse family backgrounds. The student diversity ranges from foreign national students to students belonging to remotely located mofussil areas of the state. Their performance differ because of such backgrounds and different focus and goals to be achieved out of Engineering. The guardian and career counselling group advise the students as per their aspirations. On academic basis, weaker performers are given extra assistance and advanced performers are guided for research.

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

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

Year	Number of Students	Number of Teachers
01/09/2020	5720	317

File Description	Documents
Upload any additional information	No File Uploaded

### 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:

A major part of academic courses is based on addressing these needs. Course projects are designed for each theory course as an important tool for experiential learning. Students validate many important concepts acquired in theory and laboratory sessions through projects. Group presentations and group discussion based on relevant technical topics are designed, in which students participate as a part of the group or as an individual putting forth their technical views. Using thought provoking home assignments, various challenges of problem solving are posed to the students. The students acquire these problem solving skills that help them build the engineering aptitude

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

Total 279 faculty of the institution uses flipped classroom concept during the teaching-learning process. Unlike the traditional approach where a faculty used to teach in a class and gives an activity as homework, in flipped classroom mode faculty conducts activity in the classroom based on the contents shared with the students beforehand the class. ICT Tools and resources available are as follows 1. Google Classroom 2. Vishwakarma Online Learning Platform 3. Kahoot App for Quiz 4. Google Forms 5. Youtube Channel 6. Tablets PCs 7. LCD Projectors 8. Speakers 9. Microphones, Caller Mic 10. Video Camera 11. MOOC Recording Studio

- The contents shared with the students can be videos related to the topic, PowerPoint presentations, animations etc.
- These videos are shared with students through VIERP - in-house software developed by the institute for sharing ICT-based content.
- Systematic monitoring of the ICT-based content development is carried out by the Dean

Academics. He takes monthly reviews of the ICT-based content developed by the faculty. • Dean Quality Assurance (QA) guides the faculty on the quality aspects of effective ICT content development.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="http://www.volp.in">www.volp.in</a>
Upload any additional information	No File Uploaded

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

#### 2.3.3.1 - Number of mentors

246

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 academic calendar of the Institute is planned well in advance and is prepared to accommodate student assessments, preparation leaves and extracurricular and co-curricular engagements. The norms and guidelines of regulatory authorities such as UGC, AICTE, DTE, University are complied. The calendar is executed in a completely transparent manner. A follow up of the conduction of teaching learning sessions as per plan is carried out by dean Quality Assurance, through regular data compilation on a monthly basis as well as audits under quality management system. The faculty, staff and students ensure that the compliance to the calendar is strictly made.

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

317

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

65

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	No File Uploaded

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

2523

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

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

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	No File Uploaded

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

0

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

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

• Examinations are conducted in offline mode , due to pandemic all examinations are conducted online after march 2020. The examinations comprises many assessment components like Mid semester examination (MSE), End semester Examination (ESE), seminar, Group discussion, lab continuous assessment , course project ,Comprehensive viva voce and home assignment for each and every subject. • Evaluation also includes components that evaluate student's performance in experiential learning activities such as internships, project and seminars. • External examiners in various stages of examination process. • Semester results are declared within 10 days of examination. . • Technology is effectively used in the examination management process. • Question paper and question bank Audits facilitated ease of mapping of course outcomes to program outcomes and ensuring quality

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



## 2.6 - Student Performance and Learning Outcomes

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

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 via [www.vit.edu](http://www.vit.edu)

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

For every course, 5 to 6 course outcomes are identified and articulated. Based on the academic content complexity, a difficulty level from 5 for the most challenging to 1 for the least challenging is assigned. A certain percentage of students are expected to have earned passing marks for the questions set up as per the desired course outcome for its attainment. Similarly, the Program outcome and course outcome linkages are articulated as a significant, moderate or little correlation or none in some cases. Again based on the percentage of Cos attained, for a certain PO, its attainment is worked out.

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

### 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

1247



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	Nil

## 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://www.vit.edu/images/NAAC/Students\\_Satisfaction\\_Survey\\_AY\\_2020-21.pdf](https://www.vit.edu/images/NAAC/Students_Satisfaction_Survey_AY_2020-21.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

Our Institute is a well-recognized for imparting quality technical education since last three decades. For accomplishment of the Vision & Mission of the Institute laying foundation for high quality research and inculcating research culture among all the stake holders of the institute is necessary.

- As part of local management committee Dean (RI), Dean (IR) and Dean (FD) have been appointed for policy making and initiating various research related activities.
- For development of the faculty, efforts such as deputing faculty for internship in industry, deputing for collaborative research, encouragement for PhD, facilitating for knowledge creation, trainings, organizing various faculty competitions are undertaken.
- Faculty contributing in research is appreciated by the institute through awards and recognition.

To bring out research potential of the students, institute is doing significant innovations in the Teaching - Learning process such as project centric learning, student conferences, technical activities, semester long internships to industry/research organizations.

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	Nil
Any additional information	No File Uploaded

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

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

0

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

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

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	No File Uploaded
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)

99.38

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

4

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	<a href="#">View File</a>

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

16

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	No File Uploaded
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

4

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

### 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.

Improving high-quality scientific research is a necessary requirement for creating successful applications for society needs. All research of our Institute should aim to be of a high standard. The goal of creating technological & social innovations has emerged alongside R&D-based activities. Our relentless effort is always to foster research to contribute towards societal benefits. Technological innovation is one of the primary forces driving economic growth of the Institution. Apart from this, it is impacting on the research outcomes in the form of increase in the number of publications and patent. Further, the research funding and consultancy grants involves many students, which improves their complex problem-solving ability as well as lifelong learning ability. In terms this the section's scope, we aim to support research that which explores various social domains like Agricultural, Health, defence, etc. The purpose research activities are to give platform for student to present their creative thinking ability & innovations.

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

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

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

B. Any 3 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<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**

6

File Description	Documents
URL to the research page on HEI website	<a href="https://www.vit.edu/index.php/research/promotion-of-research/activities-and-schemes">https://www.vit.edu/index.php/research/promotion-of-research/activities-and-schemes</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	No File Uploaded

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

23

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	No File Uploaded

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

34

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**

864

File Description	Documents
Any additional information	No File Uploaded
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**

256

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)

8.54

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	No File Uploaded
Any additional information	No File Uploaded

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

Nil

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

### 3.6 - Extension Activities

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

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 (Write in 100



words)

SWD Team, EDC Team & Abhivridhhi Team: Please mention in one-two sentences (in crisp) here about the objective of extension activities conducted (refer excel file 3.6.1)

In excel file 3.6.1, enter the name of individuals of organizations with whom you had collaborated in column B (in red highlighted cells only) in case you haven't entered them.

Team V-EDC

Youth Talks, V-EDC in collaboration with AIESEC Pune

'Youth Talks', a forum where leaders from diverse, multi-cultural and, multi-generational spaces to create a platform for dialogue on a plethora of subject matters that transcend generational boundaries and aims to inspire an entire nation. Team V-EDC helped them in getting attendees for the event by collaborating with them.

Abhivridhhi

#### 1. Resume Development Workshop

The motive of this Workshop was to help students create the best resumes possible by discussing the strategies involved and monitoring their progress. A large number of 180 students participated in the workshop. Also 12 mentors had been approached to guide the students. A lot of interest was shown by the students in the workshop.

#### 1. An Interactive Session on Linked-In Profile Development: Abhivridhhi in association with NYDC(National Youth and Development Council

In this event, students learnt how to create, develop and modify a LinkedIn Profile. The event was open to all students who wish to engage in the LinkedIn profile development webinar. Students seemed satisfied with the event and appreciated the advice, tips and tricks related to developing a good LinkedIn profile given by the speakers.

#### 1. Leadership 360 - Know, Go and Show the Way: Abhivridhhi in association with NYDC(National Youth and Development Council

The motive of this webinar is to get a 360-degree view of leadership skills by knowing, going and showing the ways to be a good leader.



The speaker talked about various skills and activities that an individual should practise to become a good leader. This webinar motivated all the introverts to improve their interaction skills and be confident while dealing with people.

#### 1. Exploring Emotions

The Webinar helped students understand their emotions better, and lead a more harmonious life and career ahead. It started with the introduction of the speaker, followed by a very interactive session with the guest. The speaker enlightened everyone on the importance of mental health and emotions in one's life and how to handle them properly.

#### 1. Communication - A Compulsory Asset

The objective of the event was to aid the students in understanding communication in a better way and learning the basics of it to excel further. Attendees were able to understand the importance of communication skills and clarify their doubts.

#### 1. The underrated art of Storytelling

The Speaker described how storytelling is ingrained in our daily lives, in her personal experience, in exceptional detail, an ode to how we live stories every day. Also she described how closures are an important part of any story and concluded the session with a QnA answering the queries of the audience.

#### 1. LinkedIn Profile Review

In this Campaign Students shared their profile with the Team. The Team reviewed their entire profile, provided one-to-one suggestion on improving their profile, corrections should be done, opportunities, etc.

#### 1. MOCK Group Discussions & Personal Interviews

Mock GDPI is the flagship event of Abhivridhhi, which contains mock personal interviews and group discussions in which industry experts, experienced professionals helped students to resolve their questions and prepare them to face challenges and achieve their goals. This program built confidence in students to step out of the college life and entre into professional world.

#### 1. CII Eaton Changing Gears 4.0: Abhivridhhi in association with

## EATON

Eaton changing gears is an initiative by CII in collaboration with Abhivridhi, which aims to make students into one such professional. It was a 60 hours extensive training program included interactive sessions on communication skills, team work, leadership quality, stress management and many more. This program created professionalism in students as set of their personal values.

### 1. Experiential Learning Program & Live Industrial Projects: Abhivridhi in collaboration with Studustry

In collaboration with Studustry, a multidisciplinary project-based startup, Abhivridhi presented an opportunity to students to develop themselves by participating in an innovative project-based learning program. Students found this as a pathway for their Engineering, near about 180 students were a part of this program.

## VIT MUN

### 1. Sanitary Napkin Donation Drive

VIT Pune MUN raised over 1,33,000 Rs as funds from 250+ people across the world. Using this amount a Sanitary Napkin Donation Drive was carried out on 30th and 31st July 2021. We distributed around 45,000 pads packed in a set of 45 pads per woman. These packages were distributed amongst 940+ women. This drive was carried out in the villages like Mavadi, Jawalarjun, Chambli, etc, which are situated in the outskirts of Pune.

This drive raised awareness amongst people with respect to menstrual hygiene. It provided underprivileged women an access to sanitary napkins which will sustain for three menstrual cycles of every woman. VIT Pune MUN collaborated with Bleed with Pride for sustainable Sanitary Napkins.

Instagram live - We also hosted a Instagram live from our official Instagram handle with the chief guest -Dr. Reema Mukerjee who is a Public Health Specialist who has done her MBBS from AFMC, Pune.

### 2. MUNwithUS

VIT Pune MUN Society help you take that indispensable first step on your journey of becoming a skilled orator, debater and MUNner by

explaining the intricacies of how an MUN works. This event was hosted for the freshers in our college to make them understand the concept of MUNs.

### 3. IntraMUN

In order to enhance the diplomatic skills amongst the youth of VIT Pune, VIT Pune MUN Society conducted an Intra MUN on 11th April 2021. Two committees were simulated at the Intra MUN:

#### 1. Special Political and Decolonization Committee (SPECPOL)

Agenda: Peaceful Use of Outer Space

#### 2. United Nations Human Rights Council (UNHRC)

Agenda: Human Rights Implications of the Crisis in Myanmar

About 40 students participated in the event which lasted for about 4 hrs. At the end of the event, winners were awarded cash prizes worth Rs 700 per committee.

### 4. PCGT - NYP

A National Youth Parliament can be best described as a means of improving not just researching skills but also cooperation, knowledge, coordination communication and deliberation skills. PCGT in association with VIT Pune MUNSoc organised an e-National Youth Parliament on the 3rd and 4th of October, 2020. About 130 individuals were a part of the conference making this event a complete success.

### 5. Global Voices

VIT Pune MUN Society along with our partners from various MUN circuits throughout the country, are glad to announce The Global Voices Model United Nations 2020. The Global Voices Model United Nations is a series of MUNs that will be held from the 21st of November 2020 to the 20th of December 2020. It offers a plethora of different committee simulations with the main intention of providing a safe and accessible platform for the youth to deliberate and plans the achievement of UN's Sustainable Development Goals.

TEDxVITPune

Countdown : 11th October 2020

We hosted a virtual event to hear from leading thinkers and doers about what a healthy, abundant, zero-emission future can look like; stirring examples of real progress underway; and powerful reasons why this post-crisis moment is the time to act. This global gathering served as an inspiration and a call to action to the world's leaders – and to people everywhere – to step up and participate in building a better future.

Mi Atre Boltoy is an elocution competition held twice every year, once on the occasion of NSS Day. The competition is held to agitate participants to have a word on current Social issues. This encourages participants to actively understand social issues around the nation, or world, and through their speech, share their perspective of any crisis people are facing from different backgrounds. This platform also allows participants to spread awareness regarding such issues to the audience and how they, as responsible citizens, can contribute on their front to tackle and help people face problems by standing by their side.

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

**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**

7

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)**

17

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**

2790

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	No File Uploaded

**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**

3

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	No File Uploaded

**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)**

14

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.

Vishwakarma Institute of Technology ensures very good teaching learning by ensuring the students get best infrastructure. For this the institute has abundant space for laboratory, classrooms, tutorial rooms and space for working on projects.

The institute complies with all of statutory body norms like AICTE, DTE, SPPU for teaching infrastructure. All our classrooms are ICT enabled and allow for most modern teaching learning practices. The institute also has world class facility for recording the MOOCs lectures.

All our laboratories are equipped with latest equipment and software which enables the student to apply the theoretical knowledge in classrooms. Many of the labs are industry sponsored and hence are very helpful for project work. With the help of such infrastructure students remain at the cutting edge of science and technology and apply in their project enabling the perfect hands-on approach. The institute also has research funded laboratories enabling students get the research exposure at the under graduate level.

All computer laboratories are equipped with computer with latest configuration and necessary software.

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

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 an auditorium named Sharad Arena with a sitting capacity of 700 people. Institute also has space for yoga activities. Every year on international yoga day Institute celebrates yoga day with all faculty and non-teaching staff. The institute has ground with facilities for volleyball basketball kabaddi, kho-kho, and cricket. Institute also has the facilities like carom, chess, table tennis as a part of the indoor games. Gymnasium with all equipment are available for faculty and students.



File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

62

File Description	Documents
Upload any additional information	No File Uploaded
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)

4213.71

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 4.2 - Library as a Learning Resource

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

Information as attached in additional information.

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

<b>4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources</b>	<b>A. Any 4 or more of the above</b>								
<table border="1"> <thead> <tr> <th data-bbox="70 344 550 423">File Description</th> <th data-bbox="550 344 1495 423">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="70 423 550 602">Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership</td> <td data-bbox="550 423 1495 602" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="70 602 550 703">Upload any additional information</td> <td data-bbox="550 602 1495 703" style="text-align: center;"><b>No File Uploaded</b></td> </tr> </tbody> </table>	File Description	Documents	Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>	Upload any additional information	<b>No File Uploaded</b>			
File Description	Documents								
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>								
Upload any additional information	<b>No File Uploaded</b>								
<b>4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)</b>									
<b>0.75994</b>									
<table border="1"> <thead> <tr> <th data-bbox="70 904 550 972">File Description</th> <th data-bbox="550 904 1495 972">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="70 972 550 1039">Audited statements of accounts</td> <td data-bbox="550 972 1495 1039" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="70 1039 550 1106">Any additional information</td> <td data-bbox="550 1039 1495 1106" style="text-align: center;"><b>No File Uploaded</b></td> </tr> <tr> <td data-bbox="70 1106 550 1285">Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)</td> <td data-bbox="550 1106 1495 1285" style="text-align: center;"><a href="#">View File</a></td> </tr> </tbody> </table>	File Description	Documents	Audited statements of accounts	<a href="#">View File</a>	Any additional information	<b>No File Uploaded</b>	Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>	
File Description	Documents								
Audited statements of accounts	<a href="#">View File</a>								
Any additional information	<b>No File Uploaded</b>								
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>								
<b>4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)</b>									
<b>4.2.4.1 - Number of teachers and students using the library per day during the year</b>									
<b>0</b>									
<table border="1"> <thead> <tr> <th data-bbox="70 1509 550 1576">File Description</th> <th data-bbox="550 1509 1495 1576">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="70 1576 550 1688">Upload details of library usage by teachers and students</td> <td data-bbox="550 1576 1495 1688" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="70 1688 550 1756">Any additional information</td> <td data-bbox="550 1688 1495 1756" style="text-align: center;"><b>No File Uploaded</b></td> </tr> </tbody> </table>	File Description	Documents	Upload details of library usage by teachers and students	<a href="#">View File</a>	Any additional information	<b>No File Uploaded</b>			
File Description	Documents								
Upload details of library usage by teachers and students	<a href="#">View File</a>								
Any additional information	<b>No File Uploaded</b>								
<b>4.3 - IT Infrastructure</b>									
<b>4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities</b>									
<b>As uploaded in the document.</b>									



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

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5720	1503

File Description	Documents
Upload any additional information	No File Uploaded

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

A. 250 Mbps

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

B. Any three of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
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)**

1,133.30

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.**

Central library of our Institute has purchased various modules along with SLIM-21 library software for improvement in library services to their users

- 1) Circulation Module: - Use: - To manage the all transactions of Issue and Return of library material ( Books, Journals, CD'S etc.) in software. Hence all the data regarding Issue and return is available immediately
- 2) Cataloguing Module: - Make all necessary entries of books purchased in library. All the information regarding library books is available immediately All the data regarding books available immediately (All the data regarding how many books purchased during the financial year, How many books purchased for each department during the financial year etc. in the central library.)
- 3) Serial Control Module :- Make all necessary entries of Hard copies journals purchased by library (All the data regarding how many Journals purchased during the financial year, How many journals purchased for each department during the financial year etc. in the central library.)
- 4) Acquisition Module :- Make all necessary data entries regarding procurement of library material ( Necessary Purchase Order is generated through this module.)
- 5) WEBOPAC :- All the information regarding library material is available to all the users
- 6) Dcall Module:- To manage the Institutional Repository of born digital material as well as digitized material such as Ph.D. M.E. B.E. Thesis and Dissertation/Project Reports in Electronic Format, Question Papers, Papers, books published by V.I.T. Staff, Syllabus etc. with the help of SLIM 21 Digital Library Management

Various physical, academic support facilities mainly include classrooms, laboratories, sports facilities, hostel facilities, equipment, library, IT infrastructure, facilities for effective ambiance for curricular, extracurricular administrative activities, etc. For optimum utilization of classrooms, laboratories library, the academic programs of the institute are arranged in two shifts. The timetables of all UG PG programs are designed for providing optimum utilization

of the above resources. The number of computers in various departments is planned as per their requirements. These computers are used on sharing principles to students of all disciplines by all departments during the examination period. A couple of laboratories are also used on a sharing basis within allied departments. Separate sections System section, Electrical section, housekeeping section, Workshop section, Civil section are taking care of maintaining these facilities in good working condition. The workshop section has a special maintenance plan for the upkeep of the machinery. Similarly, other labs also have their own maintenance plans. The ERP system in the institute is well designed to integrate various functions such as Admissions, Registration, Academics, Examinations, Establishments, Accounts, etc. to improve the efficiency effectiveness of the overall system. Sports facilities including Gymnasium are kept open to suit students' convenience. There is a proper security system, CCTV cameras, Fire extinguishers, Firefighting hydraulic system, insurance plans for protection of the infrastructure facilities .

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

## 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

3341

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

70

File Description	Documents
Upload any additional information	No File Uploaded
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="http://www.vit.edu">www.vit.edu</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	No File Uploaded

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

3186

File Description	Documents
Any additional information	No File Uploaded
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' 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

758

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

152

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

77

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded

### 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

6

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded

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

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

Student Council of the institute is divided into two committees, Event Planning and Execution Committee and Social Welfare and Development Committee. Event Planning And Execution Committee or EPEC is a crew in VIT Pune which manages the planning and execution of all institute level events/festivals held in the college such as Vishwakarandak (inter-department competition), Vishwatatva (inter-collegiate competition) including fresher's party are overseen by EPEC. While planning any of the events students' interests are taken into the consideration and hence there is a huge engagement of students when it comes to fests. EPEC adages of doing each and everything related to planning and execution very efficiently. Anyone who feels can evolve their personality can join this committee in which they'll get the motivation to excellence their work towards their goals. Social Welfare and Development Committee of the institute is a part of the student council working for the betterment of society. The college students, operate this committee and aim to work towards sustainable development while inculcating social values among the college students. This is done through the various events that are conducted. The flagship events include NSS



Camp, Aatmabodh, Blood-D Camp. In NSS Camp, a group of our college students live in a village for a week as they work for the development of the village in any small or big way possible. They spread awareness about various social and environmental issues while bonding with the villagers and learning something from them too. Aatmabodh is a digital literacy program where the college students teach women and elderly people the use of computers and mobile phones to bridge the gap between technology and them. It mainly focuses on those who are enthusiastic to learn but may have no means to do so. Committee holds a blood donation camp, Blood-D, twice a year where blood banks from AFMC and Sasoon Hospital come. Some of other events include Bus Swacchata, a bus cleaning activity, and Swachha Pune, where students clean the monuments and some public areas around Pune. The committee has activities to literate, liberate, and support the underprivileged children, elderly people from old age homes, children from orphanages, and the specially-abled. Students carry out night patrolling to help the police in reducing crimes and accidents. Overall, the committee makes sure the students serve society and make it better. Other institute level student committees include Abhivridhi (Student Training & Development Cell), VIT-MUN (Model United Nations), V-EDC (VIT-Entrepreneurship Development Centre), TEDxVITPune each comprising a team of more than 100 students per committee. These four student committees conduct variety of events, competitions throughout the year such as Training Programs - Resume Writing, Mock Group Discussions, Mock HR & Technical Interviews; Youth Parliament (Replica of Lok Sabha and Rajyasabha), Model United Nations (Replica of United Nations Committees), several entrepreneurial development programs such as motivational programs, inspirational talks, interaction with successful entrepreneurs, B-Plan workshops, Internship Mela, TEDx event related with innovations. Over and above the institute promotes several student activities in form of more than 40 clubs.

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

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

15

File Description	Documents
Report of the event	No File Uploaded
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 VIT Alumni Association has been envisaged to foster a closely-knit network bridging the gap between young budding VITians and accomplished Alumni. Our Alumni have made the Institute proud time and again by achieving laurels around the globe. The VITAA (Vishwakarma Institute of Technology Alumni Association, Pune Reg. No. F-228385) includes experienced Alumni who have passed out from 1991 as well as the new generation of Alumni who passed in the recent years.

The alumni association is working towards continuing the relationship between VIT and its former students and enhance the unity and friendship among the alumni, scattered in different parts of the world. The prominent areas where alumni contribute as mentors are as follows: Student Projects Internships: Our Alumni give their wholehearted support in sponsoring several projects to

current students and getting them engaged in internship programs. CRTP: Alumni give their valuable time to train students to be ready for corporate culture in the Corporate Readiness Training Program (CRTP). IAB: Industry Advisory Board, one of the important bodies to deliberate on structure and curriculum has major contributions from our alumni. BOS: Every department's Board of Studies (BOS) has a meritorious alumnus as one of the members. We receive excellent

suggestions for our academic practices from alumni members. Civil Services: Guidance to the students for preparation towards UPSC /MPSC examination is given by Alumni. Startup: Alumni give much-needed encouragement and important tips to the students for startup ventures. Prize Sponsorships: Alumni sponsor prizes to students under categories like Topper of the branch, Best outgoing student, Best Project, Best Startup Idea, etc. To connect with alumni all over the globe, a portal is launched. VITAA portal can be seen at [www.vitpunealumni.in](http://www.vitpunealumni.in). Here we see about 14000 members connected,



out of which 4080 are registered members. The portal is updated with Campus News, Job offers, Campus Life, and Success stories. The alumni portal hosts Special

Interest Groups (SIG) through which our students receive guidance from alumni. Alumni share the job requirement with fellow alumni through Job board. Campus events and Success stories are published on the portal regularly to keep the alumni connected to the campus. VITAA Monthly Digest is circulated to the members to keep them updated. We see about 40 returning users to the portal and about 1500 unique visitors every month. Grand Alumni Meet is organized by the alumni

association every year and alumni who have made prominent contributions in the field of Academics Research, Corporate Career, Entrepreneurship, and Social Development are honored with the 'Distinguished Alumni' award.

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

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

C. 5 Lakhs - 10 Lakhs

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

**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

1. Decentralization: In the Institute every Department has 3 positions under the head of the department as assistant head academics, assistant head research and assistant head administration for daily routine activities of academics, research, and administration. Also, even the Dean position has assistants assigned so as to increase the decentralization approach in the work culture

2. Participative management: VIT has a great advantage of decentralization and along with it comes the responsibility of

portfolio managed by an individual. This ensures participative management where voices of the team are taken into consideration while managing the institute. The management helps in strengthening industry collaborations, research activities in the institute.

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

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

The institute management is visionary. Under the guidance of the Hon director decentralization and participative management are ensured. Every department is coordinated by HOD. There are three assistant heads who are working for academic, administration, and research purposes and planning helps HOD in routine activities. Various dean positions are assigned like academics, faculty development, research and innovation, students' activities, quality assurance, students carriers, etc for smooth and effective planning and development. The faculty are encouraged for capacity building and capacity enhancement to teaching state of the art topics

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

## 6.2 - Strategy Development and Deployment

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

The institute has a very well articulated Strategic plan which encompasses all major areas of excellence for an educational education like Curriculum design, Research and development, faculty training and development, Student placement and counseling, Sports and extracurricular activities. The institute has carefully articulated the plan in detail and also implemented it. The necessary leadership has been developed and processes have been laid

out to implement the strategic plan. All the deans are looking after the processes like research academics, student counseling and placement, and faculty development and student activities. All the stakeholders are taking benefit of this implementation thereby giving the college academic excellence.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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.

At Vishwakarma Institute of technology, all institutional bodies function effectively thanks to a robust administration. All the policies regarding the functioning of the institute are well framed and have been running effectively for more than 3 decades. Right from recruitment to retirement / relieving, all policies are followed based on the statutory bodies. All faculty have regular service books which are updated regularly. Appointment orders clearly enunciate the service rules to be followed by faculty and staff. Also, the relieving process of a faculty is followed as per the procedures. All of this is audited carefully under ISO.

At the department level, there are clearly defined departmental procedures which are monitored regularly through ISO certifications and audits. The faculty are aware and follow the procedures. E-governance helps in making this process smooth and efficient.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://www.vit.edu/index.php/quality-assurance/igac">https://www.vit.edu/index.php/quality-assurance/igac</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

**6.2.3 - Implementation of e-governance in**

**A. All of the above**

**areas of operation: Administration Finance and Accounts Student Admission and Support Examination**

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

Vishwakarma Institute of Technology strongly believes in faculty empowerment in order to cultivate a healthy and positive work environment. A happy and positive workforce will help the college achieve its goals. For this, the institute has various welfare measures which enriches the working environment at VIT. Faculty are always encouraged to excel in academic and research areas and the institute has an award system to motivate faculty. Faculty are recognized and get cash awards on the Foundation day of the college.

The faculty and staff have a group mediclaim policy that takes care of any hospitalization expenses. Along with this faculty health is taken care by arranging yoga sessions for physical health and along with this many sessions are conducted for faculty to give them valuable inputs in personal aspects of their life like finance, parenting, and societal wellbeing. Motivational sessions are also arranged regularly so that faculty morale and motivation are high.

Also, the institute management provides help for medical needs for economically weak staff and has helped many families who were in dire crisis.

Faculty and staff get regular promotions based on qualifications and eligibility and performance. Meritorious faculty are also deputed to Ph.D. in prestigious IITs which helps them in their career growth. Along with this faculty are deputed to conferences and workshops so that they can be aware of the latest trends in the industry. All such measures allow for career progression opportunities.

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

**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**

9536

File Description	Documents
Upload any additional information	No File Uploaded
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**

32

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	No File Uploaded

**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.)**

214

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	No File Uploaded

#### 6.4 - Financial Management and Resource Mobilization

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

• **Internal audit:** Financial reports covering various elements such as cash & bank book, salary & statutory payments, journal & ledger entries, accounts registers & resolutions, university & scholarships etc. are monthly verified by internal auditing team & due corrections are taken. • **External audit:** A financial audit is carried out two times in a financial year by an external chartered accountant. The first audit is for the period from 1st April to 30th Sept. & the second audit is for the period from 1st Oct. to 31st March. The audit consists of verification of cash book, bank book, reconciliations of fees & bank accounts, journal entries, ledger, income tax returns etc. The observations shared by the auditor during the auditing process are immediately corrected prior to generation of final report.

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

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

0



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

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

The institute receives the funds mainly from Tuition and Development fees of the students. These funds are further utilized for establishment expenses, educational expenses, administrative expenses, and capital expenses.

? The establishment expenses mainly consist of salary components of teaching and non-teaching staff, provident fund contribution, Gratuity contribution, Honorarium to visiting staff, staff training, and welfare expenses. The educational expenses mainly consist of e-journals, software license fees, internet and networking facilities, student activities and professional development, student welfare, study tour, laboratory consumables, industrial visits, seminars and workshops, training & placements, etc. The administrative expenses mainly consist of building rent, maintenance, electricity, water, telephone, security, housekeeping, insurance, property & water tax, audit fees, office expenses, etc. The capital expenditure mainly consists of expenses towards procurement of equipment, computers, furniture, library books, etc.

? All these expenditures can also be categorized in the fields indicated by the NAAC such as salary, academic, infrastructure (Physical facilities, library & learning resources, IT Infrastructure, maintenance of campus infrastructure) Research and consultation etc. ? During every financial year, the institutional budget is prepared based on the above income and expenditure elements. The institutional budget is a consolidation of various departmental requirements and common institutional requirements. The funds received are further utilized in line with the planned budget received through departments. At times, the institute is required to make the additional expenditure as per the functional needs and due revision is accordingly made in the budget. ? Besides the tuition and development fees, the institute receives the funds from consultancy and research grants which are further utilized for respective purposes. ? Every year a statutory financial audit is carried out based on the above-mentioned income and expenditure



elements. ? Various resources such as land and building, Human resources, equipment, library, IT Infrastructure, sports facilities, etc. are utilized in an effective manner by the institute. The utilization of the resources can be seen from the program timetable, establishment records, deadstock registers, accession registers, system sections records, log books, etc.

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

## 6.5 - Internal Quality Assurance System

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

### 1. Efforts for hundred Percent Placement

Vishwakarma Institute of Technology has a track record of 80-90 percent placement every year. The plan is made to offer hundred percent placements to all the students with atleast three job offers to every student.

Job offer includes:

- Placement in Industry
- Recruitment by Universities for higher studies like M.S, M.Tech, , MBA
- Recruitment by Defense Services in Army/Navy/Airforce
- Recruitment by Civil Services through IAS, UPSC, MPSC
- Other Finance / Banking and other government jobs
- Student have their own Start-ups and become Entrepreneurs
- Make their career in Sports, Theater, Politics, Administration, Family Business,

Government Jobs., Music, Artists, etc.

2. Promote Research Culture: Research is going to play an increasingly important role in the coming decade as creativity is amongst the top three skill sets required for the 2020. In order to promote Research amongst Student and faculty the institute would like to do the following:

Promotion of Research Culture amongst Students:

? Project Based Learning - Every Semester will have 2/3 Projects, thus

a Student is suppose to do 50+ projects in four years.

? Project Centric Learning - Student is suppose to do projects every semester which in the form of multidisciplinary nature to be carried out by group of four student of any branch, any year.

The students are expected to do a real life project, which is of socioeconomic importance (normally equivalent to final year at undergraduate level).

The outcome of this activity has reflected in terms of increasing paper publications and patents.

3. 360 Degree assessment

Assessment is the key to learning and is the impetus to learning. In order to achieve allround development of students 360 degree Assessment pattern is implemented at VIT with focus on the following:

- Memorizing
- Understanding
- Analysis
- Synthesis
- Evaluation
- Applications
- Design

- **knowledge creation**

The Assessment would be mostly based on hands-on and will be holistic where close book written theory examination will be kept to a minimum and the emphasis would be given on :

- **Assignments - 20 % Weightage**
- **Projects - 20% Weightage**
- **VIVA - 20 % Weightage**
- **Quizzes/seminars/Interactions - 20% Weightage**
- **Theory Written Examination - 20% Weightage**
- **There would be four graded assignments per course.**
- **There would be 2-4 graded projects per semester course.**
- **Group activities like discussions, Presentations, Quizzes, Posters, paper Presentations, Paper Publications, Marketplace, Fieldwork, Industry visits, seminars, etc**
- **VIVA VOCE based on the above three for a around 30 minutes per student**
- **Mid-semester and End - Semester Examination of 20% each (Open Book /Close Book)**

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

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

As a being Autonomous college, VIT has an excellent teaching-learning process. The teaching-learning process is administered by Dean academics and monitored by Dean Quality Assurance. Based on the inputs from various stake holder's syllabus is updated every two years. The syllabus is updated with a consultation to academic personnel as well as the industry personnel and the faculty members.

This updated syllabus is approved in Boards of studies and the suggestions are imbibed in the syllabus and assessment scheme. This course content is then sent to the academic board for approval which gives permission for implementation. The entire process is monitored and reviewed by Dean Quality Assurance through the ISO mechanism and Academic audit after periodic intervals.

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

**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	Nil
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	No File Uploaded

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

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

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

Gender equity is very important to have the best working efficiency in the institute and for social justice. The institute works to have

gender equity by promoting scholarships for girl students so that more girl students can come for technical education. Apart from this, there are many training programs that ensure that students and faculty are sensitized towards gender equity. In the institute equal treatment is given to both genders and it is based on the quality of work only. In teaching faculty are given equal treatment and opportunities are also given equally to both genders as far as career progression is considered. Indeed female faculty are also in leadership positions in the institute.

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

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

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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)

Nil

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore**

E. None of the above

**well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

File Description	Documents
Geotagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

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

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

**C. Any 2 of the above**

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

**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:**

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

**E. None of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

**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.**

C. Any 2 of the above

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	No File Uploaded
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 has state of an art auditorium with a capacity of 500+ and a well-integrated audio-visual system. The institute also dedicates a financial budget of around 2L per year for the cultural activities of the students. The students were also provided with the support to rent out the facilities as required.



File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded

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

For a country like India, where you can find a rich cultural heritage, diverse communities spread across the length and breadth, people with numerous dialects spread across every corner, a well-defined constitution becomes anecessity in governance. This is the reason, our country has adopted the constitution in which constitutional values, rights, duties, and principles of every citizen are stated clearly. However, to use these rights effectively one needs to be aware of them and need to practice the same in daily life.

VIT Pune MUN has always contributed to raising awareness about basic human rights, by organizing conferences every year. By conducting debates and discussions on several humanitarian issues, we have not only introduced these constitutional obligations in front of the audience but also have educated them about how to use these rights and fulfill fundamental duties. VIT Pune MUN has also organized a National Youth Parliament in collaboration with Public Concern for Governance Trust; we have also simulated committees which discuss Indian Politics and measures to solve issues concerning constitutional obligations. While preparing the study material for these committees, we have taken the help of the Indian Constitution and thus have made youth aware of their rights and duties. This has sensitized the students about their moral and constitutional responsibilities.

The Colloquium is a dignitary newsletter of VIT Pune MUN. We have interviewed some renowned political scientists, economists, ambassadors, and several other people working in the field of law and governance. These enlightening interviews have educated our readers with matters related to constitutional obligations and have taught them how a public governance system works. VIT Pune MUN Society has conducted several online workshops which explained to the audience some important topics like "Uniform Civil Code" and "Why do governments fail in implementing constitutional measures?" These activities have allowed the students to gain knowledge

concerning constitutional obligations. To educate the students about their responsibilities towards society and to raise awareness about women-centric issues, VIT Pune MUN has conducted a "Sanitary Napkin Donation Drive." These all activities have not only sensitized the youth about their constitutional rights, duties, and values but also have helped them to become responsible citizens.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	No File Uploaded
Any other relevant information	No File Uploaded

**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**

C. Any 2 of the above

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	No File Uploaded

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

**attached in report**

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	No File Uploaded

## 7.2 - Best Practices

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

[https://www.vit.edu/images/NAAC/Best\\_Practices\\_2020-21.pdf](https://www.vit.edu/images/NAAC/Best_Practices_2020-21.pdf)

File Description	Documents
Best practices in the Institutional website	<a href="https://www.vit.edu/images/NAAC/Best_Practices_2020-21.pdf">https://www.vit.edu/images/NAAC/Best_Practices_2020-21.pdf</a>
Any other relevant information	Nil

## 7.3 - Institutional Distinctiveness

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

The Institute has been a pioneer and a leader in setting up academic practices with dynamism to match the needs of stakeholders. The proliferation of Data science, Internet of things on board of all domains of Engineering has been noticed by the visionary management and academic leadership of the Institute. The outcome of this is the initiation of a common semester of courses for all domains of engineering, similar to a common first year of engineering. The courses based on Data science, 3-D printing, Object oriented programming, Internet of things are designed and taught to all branches of engineering. The objective is to expose all students to ideas of data science, artificial intelligence, machine learning and apply those in their domains of specialization in further studies. This would ensure that the students demonstrate minimum competency as desired by recruiters who seek the skillset, irrespective of the specialization of Engineering.

The theoretical knowledge is supplemented by hands on experiences in terms of performance practical, programming activities, well

designed assignments, course projects as an avenue for the students to demonstrate and validate the concepts. Group activities such as presentations, group discussions are also designed to ensure overall development of students in these areas.

Vishwakarma Institute of technology always aims for the best practices in every field and efficient administration is on its top priority. The institute focuses on use of Egovernance to achieve Accuracy, Transparency, Effectiveness and Quickness with optimal manpower requirements to have the most efficient administration in the institute. For this purpose the institute has a full fledged ERP software to control all aspects of administration from HR to mandatory compliances. The ERP software helps automate all processes which increases accuracy and speed in handling all administrative issues. The ERP software has various modules which take care of various processes like Faculty onboarding, faculty database maintenance, payroll, promotions, and faculty relieving processes. For essential compliances, there are various modules where data is fed and reports are generated. This automation helps reduce cycle times and help the institute function efficiently.

Engineering Design and Innovation Project: The major objective behind EDI project- is a semester-long work by students to practice and apply engineering technologies for the socially relevant issues and find cost effective solution for the same. The student group uses immersive design experience which integrates creativity, innovation and an ambitious system design for improvisation students' professional skills. It engages team of 4 to 5 students to work across the various spectrums of engineering like materials, devices, circuits, systems, software, and designs. After the approval of the synopsis from project approval committee, the team requires to develop a concrete plan for the project and successfully executing it are also important parts of the experience as is second stage planning for how this new technology demonstration could be turned into a new product line. The conception, project planning, and execution are the responsibility of the student teams. Student teams consist of members with different technical expertise, sometimes from different domains like computer, mechanical and electronics are coming together and making a successful project which requires multi and trans disciplinary skills.

File Description	Documents
Appropriate link in the institutional website	<a href="http://www.vit.edu">www.vit.edu</a>
Any other relevant information	No File Uploaded

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

Academics - personalized inputs to students: Based on the resources of previous academic scores, career counseling feedback, AMCAT and other competitive exam scores and family background of students personalized inputs are planned. Skill wise segregation of marks would be done, to understand stronger and weaker areas of the student. The future plans and aspirations of the student would also be known. Whether the student intends a job, or higher studies or has entrepreneurial interests would be learnt. Also, The place of domicile - Rural / Urban, The education background of parents, The occupation of parents, General financial conditions would be considered. Combining all these, a clear profile of the student would be available. Linking these, areas of improvement would be identified. E.g. A student with rural background, less educated parents might aspire for a placement as a higher priority. Accordingly, based on the AMCAT and alike scores, Group presentation and Group Discussion scores, technical domain knowledge, a personalized input can be given.

Our Institute committed for research activities that makes a difference regionally, nationally and globally. We are steadfast to collaboration with various research organisations like DST, ISRO, AICTE etc. Our plan is to maintaining the research excellence in the field of research projects, publications & IPR. We focus on development of research ecosystem by training, guidance for funding and making better impact of research activities through publications and citations of work. Through our collaborations with industry, we will focus on solving real life problems and use application engineering for betterment. This year's plan includes seed money for budding researchers, support patent publication and grating and paper publications it includes our drive to interdisciplinary and multidisciplinary research projects with industry. Focusing strong PhD student enrolments and their successful completion research work. There are two core plans of the institute one is Capacity building; and second is to provide research ecosystem for all.