



## YEARLY STATUS REPORT - 2020-2021

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	VIDYA JYOTHI INSTITUTE OF TECHNOLOGY
• Name of the Head of the institution	Dr. A. Padmaja
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	9849554882
• Alternate phone No.	9849554882
• Mobile No. (Principal)	9849554882
• Registered e-mail ID (Principal)	principalvjit@vjit.ac.in
• Address	Aziz Nagar Gate, C. B. Post
• City/Town	Hyderabad
• State/UT	Telangana
• Pin Code	500075
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	29/04/2015
• Type of Institution	Co-education
• Location	Rural

• Financial Status	<b>Self-financing</b>
• Name of the IQAC Co-ordinator/Director	<b>Dr. V. V. Satyanarayana</b>
• Phone No.	<b>08413235399</b>
• Mobile No:	<b>09985087041</b>
• IQAC e-mail ID	<b>iqac@vjit.ac.in</b>
<b>3. Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://vjit.ac.in/iqac/">https://vjit.ac.in/iqac/</a>
<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://vjit.ac.in/wp-content/uploads/2020/08/Academic-Calendar-IIIIIIIV-for-2020-21.pdf">https://vjit.ac.in/wp-content/uploads/2020/08/Academic-Calendar-IIIIIIIV-for-2020-21.pdf</a>

**5. Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B</b>	<b>2.84</b>	<b>2016</b>	<b>29/03/2016</b>	<b>28/03/2021</b>
<b>Cycle 2</b>	<b>A+</b>	<b>3.33</b>	<b>2022</b>	<b>12/07/2022</b>	<b>12/07/2027</b>

**6. Date of Establishment of IQAC****09/09/2014****7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?**

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
<b>CIVIL</b>	<b>TEQIP-III</b>	<b>JNTUH</b>	<b>28/01/2021</b>	<b>Rs. 1,15000/-</b>
<b>AI</b>	<b>TEQIP-III</b>	<b>JNTUH</b>	<b>28/01/2021</b>	<b>Rs. 1,15000/-</b>
<b>Mechanical</b>	<b>AQIS</b>	<b>AICTE</b>	<b>19/04/2021</b>	<b>Rs 1,81,700/-</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>	
NIRF Ranking : Ranked in the Band: 251-300	
ARIIA Ranking : Band Excellent category	
NBA accreditation of Civil department : Civil Department accredited for 3 years. (2021-2022 to 2023-2024)	
Extension of UGC Autonomous status conferred 2021-22 to 2025-26	
NBA SAR submitted under Tier-1 for CSE, IT, ECE, EEE and Mech Engg Departments.	
<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
NBA accreditation of Civil department	Civil department accredited for 3 years
Tier-I NBA accreditation of EEE, Mechanical, ECE, CSE and IT department	SAR submitted for EEE, Mechanical, ECE, CSE and IT department
Applying for AICTE AQIS Grants.	Rupees 1,81,700/- grant received for organising conference
Participation in NIRF Ranking	Ranked in the Band: 251-300
Participation in ARIIA	Band Excellent category
Encourage research publications and patents	Indexed publications have enhanced. 13 patents granted and 31 patents were published / filed
Applying for JNTUH Recognised Research Centers	JNTUH expert visit for the ECE,EEE and MBA department completed sucessfully and awaiting for the aproval letter
Encourage the faculty members to do higher studies	103 faculty members have pursuing Ph.D in various reputed Universities
Monitoring the Soft skill programs, personality development and placement programs organized by training and placement cells	Oxfords Achiever :An Online English Learning & Assessment System was introduced for first B.Tech students and many training programmes have been organized from Placements & Career Guidance Cell.
Motivate faculty towards advanced studies in terms of certification courses by NPTEL/Coursera Platform (During Pandemic Period)	Faculty and students are certified by NPTEL with GOLD, ELITE-Silver awards /More than 4000+ Students/Fcaulty and admin staff completed courses in coursera
Establishment of Laboratories	New laboratories are established for departments of AI and CSE(DS)
Conduction of events from	IIC/REDC conducted various

Institute Innovation Council/Rural Entrepreneurship Cell	events in both the semesters
Establishment of new Clubs and professional Society/Chapters for overall development of students	HAM-Radio, IEEE Power Electronics Society established
Feed back on curriculum from stakeholders and action taken report	Semester wise feedback was taken on curriculum in all departments.Feedback analysed and appropriate action was taken.
Feed back on facilities from students	Feedback on facilities have been taken and necessary action was taken
Students satisfaction Survey regarding to teaching learning Process	Survey has been taken from 2020-21 passed out students, analyzed the report and action has been taken
<b>13.Was the AQAR placed before the statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name of the statutory body	Date of meeting(s)
Board of Governors	30/01/2021
<b>14.Was the institutional data submitted to AISHE ?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Year</li> </ul>	
Year	Date of Submission
2022	11/04/2022
<b>15.Multidisciplinary / interdisciplinary</b>	
VJIT in its pursuit to deliver holistic Education has taken	

initiatives to introduce flexibility to choose from a wide range of subjects from engineering, sciences, humanities, fine arts and sports. It is planned to allow creative combination of subjects. This will not only benefit our students but also the industry. Students entering industry will have complete knowledge of the field of their interest.

Initiatives planned so that students can explore their areas of interest at VJIT are

1. Designing of a Cutting-edge curriculum
2. Introducing flexible options
3. Allowing multiple entry and exit options

So as to achieve these it is first proposed to train the faculty of VJIT through FDPs and guest lectures. These programs will introduce knowledge of cutting-edge pedagogy and ways for high quality content delivery.

As a beginning VJIT-IQAC has organized the following programs

1. Guest lecture by Prof.M.MadhaviLatha, Director of Academic & Planning (DAP) JNTU Hon Guidelines for B.Tech with Minor and Honors degree on 27 May 2022
2. Guest lecture by Prof.G.K.Viswanadh, Director, UGC-HRDC, JNTU Hon National Education Policy-2020 on 4th June 2022
3. FDP on NEP 2020-The Pandora Box for Holistic Education from 17-23 July 2022

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

Academic Bank of Credits (ABC)

The initiatives planned at VJIT to allow students to use the multiple entry and multiple exit option in line with NEP-2020 are

1. Institute is registered in the ABC portal and the link is <https://vjit.ac.in/visitabc/>
2. Training VJIT-ABC team to maintain the integrity and confidentiality of the credits earned by our students.
3. Educating students about ABC.
4. Upload students details in VJIT-ABC
5. Upload information of the credits earned by individual students.

6. Students of VJIT register in ABC to get their credit details individually.

### 17.Skill development:

The gap in the knowledge of a learner in HEIs and the students placed in industry has been a major concern.

Keeping this in view of that , VJIT has identified areas of skill gaps across all the departments and has been providing required training to make our students ready for employment.

More than 1400 students have benefitted in around 20 skill development areas during the year 2020-21.

A few of the skill development programs organized in VJIT are Autocad for beginners, IOT fundamentals, solid works-sketcher & part drawing,CISCO introduction to networks,

CISCO switching routing & wireless essentials, soft skills development, JAVA, python, Arduino, etc.

The college plans to introduce vocational training for our students in the year 2022-23.

The curriculum in VJIT is designed to integrate issues having national or global emphasis for future sustainability by including the courses relevant to Gender, Environment and Sustainability, Energy Auditing, Human values and Professional Ethics, Green building technologies, renewable Energy and Energy storage technologies, Environmental Pollution and Control Methods, Energy Management, Energy Auditing and Conservation, Human Values and Professional Ethics, etc.

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

VJIT- Indian Knowledge System (IKS) is an integral part of VJIT to promote interdisciplinary research keeping in view the societal needs.

A plan has been made to introduce wiki club in the campus in collaboration with IIIT, Hyderabad.

Objectives of the wiki club

- Develop research and extension projects in partnership with

the student community and partner institutions

- Organize regular activities to increase the level of editing activity by club members. This could be in the form of Telugu digital literacy, workshops, lectures in the name of my villages, my districts, my temples, Edit-a-thons, photo-thons, starting wiki projects based on common interests, etc.

Benefits to students

Enhancement of Telugu Knowledge or in any Indian Language, Certification, Activity, Prizes, Events

Other initiatives planned in the Institute

1. Prepare resources for our students in both English and Telugu.
2. To train our faculty to be able to deliver lectures in both English and telugu.
3. To spread the traditions and customs of our country in the fields of Sciences, Engineering and Technology.

In order to successfully implement the IKS, VJIT has constituted a committee with faculty and students of various backgrounds.

A media room with necessary equipment is available in VJIT to make clear videos which will be disseminated among learners through our website and you tube.

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

- Outcome-based education is being practised in VJIT for almost a decade.
- Awareness on OBE through Workshops and Conferences  
Collaboration with IUCEE
- Presented two webinars on IUCEE Initiatives and Curriculum Design, and Instructional Strategies for Experiential Learning About 30 faculty attended ICTIEE yearly conferences regularly Organizer and Convener for 7th-International Conference on Transformations in Engineering Education(CTIEE' 2020)
- Faculty are Reviewers for, Journal of Engineering Education Transformations(JEET) 25 papers are presented at International Conferences and published in JEET OBE is implemented in Institute across all departments.

In line with OBE, Program Specific Outcomes(PSOs), Program Outcomes(POs) and Course Outcomes(COs) are defined. The faculty, course coordinators and program coordinator prepare course outcomes(COs) and map them with the program outcomes(POs) and Program Specific Outcomes(PSOs) employing numeric weightages. After deliberations & approval from IQAC in Program Assessment Committee(PAC) they are displayed on website. Blooms-Taxonomy is attributed while formulating course outcomes and Examination paper setting. Apart from corridors, classrooms and laboratories, COs-POs-PSOs- PEOs are displayed at all prominent places. Target levels of PO/PSO of departments are approved by IQAC.

The outcome of implementation of OBE

The Institute has been completed 3 cycles of accreditation. In the academic year 2022, Eligible 5 B.Tech Programs CSE,ECE,IT,EEE and Mech are accredited by NBA under TIER-1 and Civil Engg department accredited under Tier-2 in 2021.

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

Distance education/online education:

To make education available to anyone, anytime and anywhere, VJIT proposes to introduce Open and Distance Learning (ODL) from the next academic year. The college has constituted a committee to sketch a strategy to introduce ODL effectively. This will be useful for working professionals and individuals who are unable to go to college physically for various reasons.

VJIT very quickly adopted Online teaching-learning during the pandemic. A number of lectures are recorded by our faculty and are available for our students. In continuation, the following are being considered:

1. Offering vocational courses over ODL mode.
2. Training teachers to use tools for innovative teaching learning activities.
3. Encouraging teachers towards blended teaching-learning process.

## **Extended Profile**

### **1.Programme**

1.1

15

Number of programmes offered during the year:

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

## 2.Student

2.1 **4521**

Total number of students during the year:

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

2.2 **1171**

Number of outgoing / final year students during the year:

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

2.3 **4283**

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

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

## 3.Academic

3.1 **853**

Number of courses in all programmes during the year:

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

3.2 **313**

Number of full-time teachers during the year:

## Extended Profile

### 1. Programme

1.1 15

Number of programmes offered during the year:

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

### 2. Student

2.1 4521

Total number of students during the year:

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

2.2 1171

Number of outgoing / final year students during the year:

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

2.3 4283

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

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

### 3. Academic

3.1 853

Number of courses in all programmes during the year:

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

3.2	313
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3	313
Number of sanctioned posts for the year:	
<b>4.Institution</b>	
4.1	490
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	84
Total number of Classrooms and Seminar halls	
4.3	971
Total number of computers on campus for academic purposes	
4.4	15,58,30,243/-
Total expenditure, excluding salary, during the year (INR in Lakhs):	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

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

Keeping in view the importance of local, national, regional and global developmental needs, VJIT has included courses such as Smart City, Green Building Technologies, Smart grid, Solid Waste management, Air Pollution and Control methods, Data Science, renewable energy and energy storage technologies etc, wherein course outcomes include socio-economic issues, sustainable development, entrepreneurship, in its curriculum. In addition to

the above-mentioned courses, gender sensitization & Environment Science are part of curriculum as mandatory courses.

The curriculum at VJIT is reviewed and revised at regular intervals as per the global needs. The stakeholders (students, Alumni, parents and industry experts) input is taken to ensure that the curriculum is comprehensive.

VJIT has included a member from the local society in its IQAC committee to confirm inclusion of matters pertaining to the local needs.

The Curriculum framing process, shown in the flowchart, portrays the involvement of the stakeholders at various steps of the process.

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	No File Uploaded

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

723

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	No File Uploaded
Any additional information	No File Uploaded

## 1.2 - Academic Flexibility

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

94

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)	<a href="#">View File</a>

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

15

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

The curriculum is designed to integrate issues having national or

global emphasis for future sustainability by including the courses relevant to Gender, Environment and Sustainability, Energy Auditing, Human values and Professional Ethics etc.,

The course Environmental studies and Sustainability discusses how to conserve our environment in the face of increasing population and anthropogenic activities that degrade natural resources and ecosystems.

Gender Sensitization is offered in all programs of VJIT to emphasize values like equality and equity and to build a gender just society.

Courses Environmental sustainability and Green building technologies are included to impart knowledge on Environmental sustainability and feasibility, eco-friendly materials, green building rating systems, etc.

Renewable Energy and Energy storage technologies elucidates the generation of electricity from various non-conventional sources of energy.

A course Environmental Pollution and Control Methods explains the effects of uncontrolled emissions from industries the disposal methods and minimize pollution.

Energy Management helps comprehend energy conservation methods in an industry to reduce the wastage of energy.

Energy Auditing and Conservation focuses on design and development of energy management technologies to solve field problems individually or as a member of a group.

To instil Moral, Social and Ethical values, the VJIT has introduced a course on Human Values and Professional Ethics which emphasizes on holistic understanding of ethical human conduct, trustful and mutually satisfying human behaviour.

The NSS wing organize programmes like Haritha Haaram, Swachh Bharat, blood donation camps, international yoga day, rehabilitation services during natural calamities etc.

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

18

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

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

1644

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

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

1986

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

## 1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is

A. All 4 of the above

<b>obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni</b>	
File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://vjit.ac.in/about-us/stakeholders/">https://vjit.ac.in/about-us/stakeholders/</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	No File Uploaded
<b>1.4.2 - The feedback system of the Institution comprises the following</b>	<b>A. Feedback collected, analysed and action taken made available on the website</b>
File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://vjit.ac.in/about-us/stakeholders/">https://vjit.ac.in/about-us/stakeholders/</a>
Any additional information	<a href="#">View File</a>
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	
<b>2.1.1 - Enrolment of Students</b>	
<b>2.1.1.1 - Number of students admitted (year-wise) during the year</b>	
<b>1145</b>	
File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>
<b>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)</b>	
<b>477</b>	

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

## 2.2 - Catering to Student Diversity

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

Students in VJIT are diverse in terms of regional and linguistic aspects and also their pace of learning.

Classroom observation, interactions; continuous assessment are used to assess learning levels of the students. Based on these, the students are identified as advanced and slow learners to provide appropriate learning environment for both.

### Advanced Learners

Meritorious students are encouraged to participate in a wide range of activities through Student Clubs/Forums. They are also encouraged to participate in programmes like 'Project-Expo' Exhibitions, Hackathons, Workshops, Conferences, Seminars/ Conferences / Workshops / Inter Collegiate Competitions and Debates, Problem Solving, Design competitions which enable the students to learn new technologies over the period of graduation.

### Slow Learners:

Mentoring system is in place to help and motivate the students to improve their overall academic performance. The departments use monitoring and mentoring in tandem to keep track of slow learners' progress.

Remedial classes are arranged to improve their performance in the courses.

The slow learners are also supplemented with lecture notes and question banks for their best benefit

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
Nil	4521	313

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

### 2.3 - Teaching- Learning Process

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

VJIT ensures that student-centric methods are effectively utilized in the regular academic practices so as to improve the learning levels of students. Following are few student-centric methods used by the faculty members of VJIT in different departments.

1. Experiential learning: Hackathons, Workshops, Seminars, Virtual Lab, Simulation, Role play, etc.
2. Participative learning: Video, Demonstration, Activity based learning, Think- Pair- Share, Flipped Classroom, Group Discussion, Guest lecture, Debate etc.
3. Problem-solving methodologies: Project based learning, Real time case studies, Open book test, Proto-type model, Crosswords, Research Projects, Viva, Public Speaking etc.

Through the CO & PO/PSO attainment values of the outgoing batch, it is clearly evident that the learning levels of students of VJIT had significantly improved by the implementation of the above said student-centric learning methods. Further, faculty members observed that learning experience had become more interesting and participative.

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

VJIT encourages faculty members to utilize ICT tools available at their disposal so that teaching-learning experience becomes more interesting. To optimize the delivery of education, teachers at VJIT use the following ICT Tools:

1. LCD Projectors: 84 projectors are available in classrooms/labs.
2. Desktop and Laptops are there in all Computer Labs and Faculty cabins.
3. Printers are installed at Labs, HOD Cabins and all prominent places.
4. Photocopier machines are available in all buildings in VJIT campus.
5. Scanners are available at all prominent places.
6. Seminar hall equipped with all digital facilities is available for all departments.
7. One Auditorium with a seating capacity of 500 is digitally equipped with mike, projector and computer system.
8. Online Classes through Zoom, Google Meet, Microsoft Team
9. MOOC Platform (NPTEL, Coursera, SAP, Udemy, Edx etc)
10. Digital Library resources (DEL NET, etc)

By the effective utilization of the above mentioned ICT tools, it was clearly evident that the learning levels of students had improved.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	Nil
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**

232

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**

Preparation of Academic Calendar at VJIT begins before the commencement of academic semester. The College Academic Committee prepares the academic calendar. It is then submitted to the Academic council through IQAC for approval.

The VJIT academic calendar, that includes information regarding the Instruction period, events to be organized, holidays, dates of internal and end examination etc., is disseminated among its stakeholders by publishing in the VJIT website and is also placed in all notice boards in the campus.

The HOD allocates courses to the faculty at least two weeks prior to the commencement of instruction. Faculty, based on the academic calendar, prepares a lesson plan. Every teacher maintains a course file which includes the teaching plan.

The HOD assesses the implementation of the academic calendar at regular intervals and submits report to IQAC.

VJIT-IQAC compiles the inputs received from the departments and ensures adherence to the academic calendar at least twice in a semester.

In addition, IQAC conducts an internal audit and an external audit which ensures adherence to Academic Calendar

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	No File Uploaded

## 2.4 - Teacher Profile and Quality

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

313

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

55

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

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

2007

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**

14

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

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

5

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

VJIT has an efficient continuous evaluation system with different types of assessments spread over the duration of each semester.

**Examination Procedures**

1. For each course, a panel of paper setters are identified from premier institutes by the controller of examinations in consultation with HODs, which is then finalised by the director/ principal.
2. Of the 4 sets, one is selected on the day of examination as per the instructions of chief controller of examinations.

**Procedures integrating IT-Examination Management System**

In VJIT, BeeS software tool is employed to perform examination related tasks.

The payment of exam fee is done through payment gateway and online registration can be done by students. The hall tickets for the examination can be downloaded by the students through exam portal.

The marks obtained in examinations are entered in the server through OMR scanning gadgets.

The students can view their results through this portal.

The software generates consolidated marks memo and provisional certificates.

#### Continuous Internal Assessment System

In VJIT, after completion of every module, one online quiz examination is conducted as part of continuous internal evaluation.

As part of the assessment of student project thesis, an anti-plagiarism check software (Drillbit) is used to trace the similarity index.

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

VJIT implements outcome based education (OBE) in true spirit and provides all the support/ information needed to the faculty and students to get adapted to the system easily.

The course co-ordinator along with the collective wisdom of faculty members dealing the course defines the course outcomes of the course and submits the same to Program Advisory Committee (PAC). The PAC subsequently reviews the same and sends the Course outcomes of all the courses (of the program) to Internal Quality Assurance Cell (IQAC) for review and subsequent approval. Program

outcomes (POs) defined by National Board of Accreditation (NBA) are followed for all programs and Program Specific Outcomes (PSOs) are defined based on the specialized skill set available with senior Professors in the departments.

In this context, the COs, POs/ PSOs and Program Educational Objectives (PEOs) of the departments are disseminated at different places like classrooms, staffrooms and corridors. They are also displayed on the department's web page in the college website. CSE department's OBE webpage is mentioned for reference; <https://vjit.ac.in/cse/#obe>. Communication is sent to faculty members and students as and when there is an update in the attributes of OBE.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	No File Uploaded
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

VJIT adopted Outcome Based Education which focuses on measuring student performance through outcomes. Attainments of Course Outcomes, Program Outcomes and Program Specific Outcomes are computed to measure the knowledge and skill levels of students using a standard procedure. The CO attainment is computed in such a way that the student's performance in the mid examinations, assignments, seminars, projects and external examination is taken into consideration. Components of evaluation are framed in such a way that all COs of a course are covered by the end of the semester. The CO attainment is formulated with a basis of 60% marks obtained by students in every course. Attainment levels are as follows:

50-59.99% students get 60% marks : Level 1

60-69.99% students get 60% marks : Level 2

70% and above students get 60% marks : Level 3

Direct and Indirect (surveys) components are present in CO attainment with 80% and 20% weightage respectively. In direct

component, performance in the mid-term exam is given 25% and that of external exam is given 75% weightage. The COs are mapped to the POs/PSOs of the program and through these mapping levels and CO attainments, the PO/PSO attainments are computed for the program.

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

950

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://vjit.ac.in/NAACAQAR/criterion2/2.7.1.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

VJIT encourages innovations and research which contribute immensely to the development of key areas of Engineering and Management. To promote research and innovation, centers of excellence and innovative labs have been established. The centre helps in developing co-operative and complimentary research among

various departments to explore an advanced technology which helps for publications in National/International Journals and Conferences. The Centre holds periodical review meetings on the progress of research being carried out by staff and students. The Center also renders help to pursue funded projects once it is sanctioned.

Necessary infrastructure to carry out research is the motivation for faculty and student to exhibit research activities. Centralized labs/design centers headed by faculty members and supported by competent technical staff are made open for all program students helps student groups (multidisciplinary) work on various engineering projects in these labs, from conceptualizing to designing the prototype. These research labs help the students build prototypes which enable them to participate in competitions both in India & Abroad.

Institute Initiatives towards promoting research activities

- Financial assistance to faculty for presenting technical papers in national, international conferences/seminars by sponsoring for the registration fee along with on duty leave
- Management funded Research Promotion Scheme
- Deputation of faculty to participate in workshop, seminar and conferences
- Centers of excellence / Innovative labs / Incubation centers

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://vjit.ac.in/wp-content/uploads/2022/05/Research-Policy-20-21.pdf">https://vjit.ac.in/wp-content/uploads/2022/05/Research-Policy-20-21.pdf</a>
Any additional information	<a href="#">View File</a>

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

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

3.33 lakhs

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

2

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

### 3.2 - Resource Mobilization for Research

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

6.86

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	<a href="#">View File</a>
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

13

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

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

4

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	<a href="#">View File</a>

## 3.3 - Innovation Ecosystem

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

The institute established Institute Innovation Council in association with MHRD Government of India. The primary aim of MHRD's Innovation Cell MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas while they are in formative years.

The institute facilitates to conduct Industrial Talk Series organized by MHRD IIC as member of Institute Innovation Council campuses and all the faculty members and students participated in all talk series live sessions

National Innovation Startup policy is also introduced in the Institute with a vision to ensure Vidya Jyothi Institute of Technology as HUB for startups, entrepreneurship, Intellectual Property Rights (IPR) ownership, technology licensing and promote Rural Enterprise.

Research and Development (R&D) Cell: Research laboratories were established under the supervision of R&D cell to conduct the research by faculty and students. Two departments CSE and Mechanical received JNTUH recognized research centers.

IPR Cell is established in a year 2018, With the continuous and sustained efforts of all the faculty and students in collaborative research, 11 patents are granted and 19 Published and 7 patents applied.

EDC Cell Swashakthi was formed in the year 2015 Institute EDC Cell continuously conducts events and awareness workshops to students.

- MSME Recognized Incubation Center.
- MoU with DATA READY Technology Corp, Toronto, Ontario, Canada.
- Association of Lady Entrepreneurs of India (ALEAP WE-HUB), Hyderabad.
- National Entrepreneurship network (NEN) , Wadhvani Foundation
- Centre for Entrepreneurship development (CED)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://vjit.ac.in/mhrd-iic/">https://vjit.ac.in/mhrd-iic/</a>

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

34

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**

A. All 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	<a href="#">View File</a>

**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**

31

File Description	Documents
URL to the research page on HEI website	<a href="https://vjit.ac.in/research/research-development/">https://vjit.ac.in/research/research-development/</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**

0.473

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**

0.290

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**

350

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

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

5

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)

10.89

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

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

1,45,96,870.00

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	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	<a href="#">View File</a>

### 3.6 - Extension Activities

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

VJIT has demonstrated leadership in working for social causes both within college and across neighborhood communities. The Blood Donation Camps organized by NSS received outstanding appreciation from the Lions Club. The environmentally friendly activities like planting saplings, programs on avoiding plastics, promoting clean & green initiative, save water programs also were recognized for the philanthropic contributions.

VJIT encourages and prepares students to be aware of the societal needs through their participation in community development programs like NSS, 'HITA- Service with Pleasure' a Service-Oriented Student Club, NAP Foundation a Service NGO, Earthlings an Environmental NGO, Cultigate initiated by students and Street Cause a Service NGO.

The active NSS team of more than 100 volunteers aim at developing awareness on societal problems through community service. HITA the Student Club actively participates with 50 volunteers providing services in government schools, orphanages and oldage homes. And Street Cause an NGO with VJIT Volunteers contribute for the betterment of society with an objective of helping the underprivileged and destitute.

- Developing leadership quality among students
- Organizing Health Awareness and Blood Donation Camps
- Creating Educational-Awareness in rural area.
- Donating books and clothes at orphanages.
- Swatch Bharath Campaign at nearby Villages promoting cleanliness & removing unattended garbage.
- Distribution of Eco-friendly Bags.
- Haritha Haaram the Green initiative plants saplings every year in different rural and urban locations.
- Distributing food and groceries to needy during Pandemic.
- Visiting orphanages assisting them in their daily and their educational needs.
- Organizing Say No to Plastic Programs.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://vjit.ac.in/campus-life/community-outreach/">https://vjit.ac.in/campus-life/community-outreach/</a>

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

1

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)

41

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

10855

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

57

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

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

24

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.

VJIT has a sprawling campus in 10.77 acres of land with the required infrastructure and facilities for an effective ambience in curricular, co-curricular and administrative activities.

The academic blocks allocated exclusively for instruction functioning sum up to a built up area of 31312.47 Sq.m.

- The basic facilities such as electricity, comfortable seating arrangement are provided considering each classroom as an independent unit.
- All the departments have exclusive ICT enabled Classrooms (Total 80 Classrooms and Three air-conditioned seminar halls and one auditorium with a seating capacity beyond 300), HOD rooms, meeting rooms and department libraries.
- Four Workshops and 62 laboratories with advanced software

and equipment are provided conforming to the syllabi norms.

- Two open-air stages which can accommodate more than 2000 people exist to conduct various cultural and extracurricular activities.
- An automated Central Library with 52864 volumes supports imparting quality technical education. A Digital library with seating capacity of 35 exists with an access to 131 online journals, DELNET and NPTEL lectures.
- Two research centre is established to carryout research-oriented projects in emerging areas.
- Exclusive examination cell with high-speed internet facility, Servers and Xerox Machines facilitate online distribution of examination papers and conduct of internal and external Examinations.
- Adequate budget is allotted every year for required infrastructure before the commencement of academic-year.
- An exclusive Placement cell with facilities for conducting training and placement activity is available.
- A separate sports complex is available to support sports and games.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://vjit.ac.in/NAAC/criterion4/4.1.1.2.mp4">https://vjit.ac.in/NAAC/criterion4/4.1.1.2.mp4</a>

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

- VJIT believes that a healthy body leads to an active mind and therefore, established, a separate indoor sports complex to support all sports and games.
- Two open-air stages which can accommodate more than 2000 people exist in addition to the auditorium are utilized to conduct various cultural activities.
- Two volleyball courts, a throw ball court, a tennikoit court, shuttle court and aesthetically designed basketball courts are available in the campus
- The playground located on the west side of the college can host a wide range of games like cricket, football, hand ball and kho-kho. Games like table tennis, caroms, chess etc are

practiced in indoor sports complex.

- An exclusive gymnasium with equipment like tread mills, cross trainers, vibrators, rods and dumbbells is available for the students and faculty. A yoga centre with a dedicated yoga teacher is available in campus for training both students and faculty.
- Cultural essence of embodiment in the environment of VJIT helps betterment of a student's future.
- A Cultural centre housing cells pertaining to photography club, YUKTHI-the cultural club led by students, with the immense amount of motivation led by the faculty is available has always been a sense of respect and a mark of creativity towards the institution.

File Description	Documents
Geotagged pictures	No File Uploaded
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

84

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

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

395.05

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

## 4.2 - Library as a Learning Resource

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

- The central library is housed in an independent and spacious building, with a carpet area of 1253.9 sqm comprising of reference, circulation, periodical, reprographic and newspaper sections, discussion-rooms, stacking area and digital library.
- The library is automated with KOHA 3.2.02 software that enables the library to manage its housekeeping operations. It is maintained as per international MARC-21, Core Metadata Standards
- A total of 52864 volumes, 6921 titles, 131 print-journals, 20 magazines and e-journals, newspapers are available.
- Library is under surveillance through CCTV cameras.

#### Digital Library

- The digital library equipped with 35 multimedia systems, laser printer and scanner with a seating capacity for 35 users is an additional facility consisting of NPTEL video lectures, PPTs, course material files, e-journals, e-books, instructional guides, CDs etc.
- Direct access to online journals is available for staff and students to learn the latest research and developed techniques in their respective disciplines.

Average number of walk-ins per day

400

Average number of books issued/ returned per day

200

Ratio of library books to students enrolled

12

Number of books added during academic year 2020-21

1570

Average number of login to e-resources per day

50

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

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

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

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

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

23.7

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

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

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

422

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 4.3 - IT Infrastructure

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

Yes, the Institute has an IT policy covering Wi-Fi and cyber security which is updated as per the need. IT policy outlines the accountable use of the IT infrastructure and all the users are subject to this policy.

Information Security: Unauthorized use of individual/institutional information is not permitted.

Network Security Faculty members and students live-up to their responsibility and ethics in the utilization of software and IT resources. All purchased products and equipment are recorded in a standard stock register.

Risk Management: The risk management of IT assets is associated with use of ownership, operation, involvement, influence and adoption of IT within the institute.

IT Service Management

The IT service management is done by a team headed by System and Network Administrators. This team manages the institute IT infrastructure and deploys the e-resources campus-wide. All the systems on the campus are connected through LAN with high-speed internet to serve the computing needs of users to facilitate teaching, learning, research, and administration. All e-resources and services can be accessed through Internet and FTP (File Transfer Protocol) at any point of time by all the stakeholders.

A budget of Rs 45 Lakhs was allocated to purchase and maintain IT infrastructure for the A.Y 2020-21.

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

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4521	971

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

**4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus** A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	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 A. All four of the above

**System (LCS) Mixing equipments and software for editing**

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

414.46

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.

**Overall Infrastructure Maintenance:**

- HODs make a requisition to the Principal regarding maintenance of infrastructure which is forwarded to the SAO.
- SAO discusses this with Secretary and takes necessary action.
- The supervisor looks after the maintenance of rest rooms, roads and neatness.
- The campus maintenance is monitored through surveillance cameras, mineral water plants and UPS
- Parking facility is well organized.

**Hygiene and sanitation:**

- The maintenance committee is headed by the Principal and convened by the SAO, who in turn monitors the work of the supervisor at the next level.

**Classrooms:**

- At the beginning of each semester readiness of the classrooms with respect to ICT facilities and furniture are verified by the supervisor.

**Laboratories-Equipment-Maintenance:**

- Laboratories are well equipped and maintained regularly, periodical checkups and calibration of equipment is done.
- Stock verification is done every year.

**Computing Facilities-Maintenance Utilization:**

- System Administrator is responsible for the maintenance of IT facilities. They resolve issues related to IT facilities and network-related issues.

**Library:**

- A library committee monitors the activities in the library, and makes suggestions if any Library is maintained by a librarian and two assistant librarians. Library maintenance is computerized and automated with regular/constant updation.
- Proper inspection and verification of stock takes place at the end of every year.

**Sports Facility Maintenance**

- Four physical directors ensure the participation of students day-to-day in games and sports.
- The gym and other equipment servicing is taken up as and when required under the

supervision of physical director. The playgrounds are always kept ready for

students' utilization.

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

2370

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

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

258

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

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

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="https://vjit.ac.in/placements/training/">https://vjit.ac.in/placements/training/</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

3194

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

**5.1.5 - The institution adopts the following mechanism for redressal of students' 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	<a href="#">View File</a>

<b>5.2 - Student Progression</b>	
<b>5.2.1 - Number of outgoing students who got placement during the year</b>	
448	
File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
<b>5.2.2 - Number of outgoing students progressing to higher education</b>	
35	
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
<b>5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year</b>	
<b>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</b>	
49	
File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>5.3 - Student Participation and Activities</b>	
<b>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</b>	
1	

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

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

The institute's Student Council (SC) is formed by a well-established process. The process is initiated by inviting applications from the students for the various posts of SC. To ensure proper handing over of responsibilities from the previous council, the formation is done at the end of the academic year. The new council takes charge from the commencement of the new academic year.

The SC members are present in both academic and administrative committees of the Institute like IQAC, Sports, NSS, Placements and professional Chapters etc.

At VJIT, every program has a Professional Student Chapter -viz. IETE, IEEE, CSI etc, with students from third year selected through an interview by a Selection Committee comprising of Principal, HoD's and the SC In-charge.

SC is responsible for organizing College festivals, Workshops and Skill Development sessions during the academic year. The members also play a vital role in institute level committees like Women Development Cell, Anti-Ragging Committee, and IQAC committee.

Involving the students in various administrative bodies has made them more responsible and strengthened their bonding with the institute which has further resulted in many of them continuing to contribute to their alma mater.

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

6

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

#### 5.4 - Alumni Engagement

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

It is a matter of pride that alumni of VJIT occupy various key positions. VJIT has a registered Alumni association to strengthen the network among the alumni, faculty and the management.

Following are the activities conducted on behalf of the Alumni Cell:

**Alumni Meet:** Every Year the 1st Saturday of January is celebrated as Alumni Day, and if any other engagements come up on the same day the Alumni committee ensures that the Meet is held within a month. Further the Committee nominates an alumni member who is conferred with the Best Alumni Award for their association & contribution to the institute.

**Sessions by Alumni:** Every Dept. invite their respective alumnus to share their experience with their juniors.

**Fund Raising:** Each alumni contributes Rs.100/- as Alumni Cell development fee (once during passing out).

**Placement Assistance:** There are a good number of alumni who extend their strong support during placements.

**Helping in strengthening IIIC:** Our Alumni strengthens IIIC (Industry Institute Interaction Cell) through extending their support in various activities.

Apart from formal alumni association meetings, VJIT involves its alumni at different academic and administrative activities such as taking suggestions, feedback on existing curriculum, updates on emerging trends, etc via platforms like mail, Whatsapp, etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
<b>5.4.2 - Alumni's financial contribution during the year</b>	<b>E. &lt;2 Lakhs</b>
File Description	Documents
Upload any additional information	<a href="#">View File</a>
<b>GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>	
<b>6.1 - Institutional Vision and Leadership</b>	
6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution	
<p><b>Vision:</b></p> <ul style="list-style-type: none"> <li>To develop into a reputed Institution at National and International level in Engineering, Technology and Management by generation and dissemination of knowledge through intellectual, cultural and ethical efforts with human values</li> <li>To foster scientific temper in promoting the world class professional and technical expertise</li> </ul> <p><b>Mission:</b></p> <ul style="list-style-type: none"> <li>To create state of art infrastructural facilities for optimization of knowledge acquisition</li> <li>To nurture the students holistically and make them competent to excel in the global scenario</li> <li>To promote R&amp;D and consultancy through strong Industry Institute Interaction to address the societal problems</li> </ul> <p><b>Governing Body:</b> The governing body takes responsibility to ensure effective management and plans for future development of the institution. It meets twice in a year to review the academic activities and the strategic plans. The approvals from the Academic Council, and finance committee are deliberated and necessary budgets are earmarked for smooth functioning.</p>	

Suggestions from all stakeholders are considered in the institutional building processes.

The Governance and Leadership of the Institution ensure that its Higher Education operations are functioning well by nurturing the Decentralization and Participative decision-making process as the key factors. The Director/Principal also convenes meetings of the Board of Governors (BoG), discusses the proposals of CAC and other key aspects to formulate necessary strategies and plans to keep up the quality of education in the campus. The opinions of faculty and staff are considered positively for evolving policies.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://vjit.ac.in/about-us#org">https://vjit.ac.in/about-us#org</a>

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

The college involves all the stakeholders in the decision making process for framing guidelines, rules & regulations to ensure smooth and systematic functioning of the institute. The BoG members directly participate in various activities of the institution. The finance committee appraises the BoG of the finances of the college.

The institution has in place more than 30 committees to continuously monitor the academic and administrative activities. The committees comprise key stakeholders including government nominee, administrators, faculty, industry, employer, alumni, parents and students. All the HoDs are members of the Academic Council and the minutes of the meetings concerned are recorded. Secretary & Correspondent convey the resolutions to the Director/Principal for implementation.

Teaching learning process is mentioned here to demonstrate decentralization and participative management. The mentor system is in implementation at the college level for all the students. Each faculty member is assigned 20 students for mentoring and monitored by HoDs.

The Director/ Principal conducts meetings with HoD's once in a week to discuss various academic/ co-curricular/ extracurricular

activities. Monthly department meetings are held in all departments where internal issues are discussed.

- Decentralized governance system with good interpersonal relationships
- Adequate systematized autonomy to all the departments and sections
- Identification of value added courses
- Organizing faculty and student empowerment programs
- Preparation of budget for the department for the following year
- Autonomy to the HoD to decide on equipment purchases as per the guidelines

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	<a href="https://vjit.ac.in/about-us#org">https://vjit.ac.in/about-us#org</a>

## 6.2 - Strategy Development and Deployment

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

### Institutional Strategic plans

1. Effective teaching-learning procedure
2. Effective Leadership and Participative management
3. Continual Internal Quality Assurance System
4. Student's all-round development through active Participation
5. Employees Welfare and improvement in academic performance
6. Enhancing Placements
7. Addressing Student/Women/Faculty Grievances
8. Effective Financial Planning
9. Institute - Industry Interaction & Encouraging Entrepreneurs
10. Enhancing Quality of Research and Development
11. Improving Internal Revenue Generation
12. Improving Alumni Interaction and Outreach activities
13. Creating & Maintaining Infrastructure

Description of one activity viz. Effective teaching-learning procedure successfully implemented based on the strategic plan

Effective teaching - learning procedure in one of the key Institute strategic plans at VJIT.

- Academic Calendar disseminated among stake holders through college website/ notice boards/ curriculum booklets
- Preparation of teaching plan as per Outcome Based Education
- Preparation of Lesson Plan based on CO & PO mapping
- Preparing e-learning resources and sharing with students
- Continuous internal assessment to measure outcomes
- Use of practice/ project-based learning
- Continuous mentoring to support individual students
- Mid semester and end of semester feedback on teaching-learning process
- Organizing seminars/ lectures on relevant topics.
- Evaluation of Course attainments and Program attainments.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://vjit.ac.in/about-us#org">https://vjit.ac.in/about-us#org</a>
Upload any additional information	<a href="#">View File</a>

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

VJIT has many statutory and non-statutory bodies carrying out functions and responsibilities in pursuit of institutional mission and core values.

**Board of Governors/Governing Body:** The Board of Governors/Governing Body of VJIT ensure effective planning and strategies for future development. The body, in association with stake holders, discusses and approves the strategic plan which includes financial, infrastructure, academic and staff policies in line with VJIT's Vision and Mission. The members of VJIT- BOG are eminent personalities such as educationists and industrialists etc.

**Academic Council:**

- Scrutinizes and approves the proposals of the Boards of Studies with regard to courses of study, academic regulations, curricula, syllabi and modifications thereof, instructional and evaluation arrangements, methods, procedures relevant thereto etc.
- Makes regulations for sports, extra-curricular activities, proper maintenance of the playgrounds and hostels.
- Recommend proposals to the Governing Body for new programmes of study and frame regulations for scholarships, prizes and awards.
- Perform other functions assigned by the Governing Body.

Director/Principal advises the management on administrative and developmental activities by being in pace with the latest trends in education

#### Grievances and Redressal Mechanism

Grievances and Redressal Committee ensures a healthy working environment and a strife-free atmosphere in the college. This Cell records the complaints of students /parents and resolves the issues impartially and confidentially.

Suggestion / complaint boxes are installed at different places in the campus. The aggrieved can personally approach /write / e-mail to any member of the Cell. Complaints can be sent to [grievances.student@vjit.ac.in](mailto:grievances.student@vjit.ac.in)

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://vjit.ac.in/about-us#org">https://vjit.ac.in/about-us#org</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

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

A. All of the above

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

### 6.3 - Faculty Empowerment Strategies

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

#### VJIT welfare measures for faculty:

- Health insurance
- Subsidized bus facilities
- Maternity leaves up to six months.
- Interest free loan in case of medical emergency is sanctioned to the employees which is repayable in 10 monthly installments.
- Teaching faculty members, with a minimum of 1 year service, are eligible for the following incentives and rewards based on their performance.
- Cash Award of Rs 1000/- for 100% , Rs.500/- for 95% and Rs 300 for 90% result in theory papers.
- Paper publication in National/International journals as first and second author is given Rs 1000/and Rs 500/ respectively.
- Paper publications in International Conferences -100% TA,Registration fee, on Duty and Cash Reward
- Paper presentation in a national conference - registration fee and on duty leave
- 50% of One Professional Society Life Membership Fee per faculty member.
- Accredited departments -One time incentive to faculty and supporting staff.
- Best Teacher award every year on Teacher's Day with a cash award of Rs10,000/-.
- Special incentive increments are sanctioned on completion of 5yrs, 10yrs and 15 yrs service.
- Additional increments to Faculty members based on API score.

#### Welfare schemes for non-teaching staff:

- EPF/ESI facility
- Supporting staff are provided with free computing skill programs
- Additional increments are sanctioned recognizing their commitment towards their duties.
- Special incentive increments on completion of 10 yrs and 15 yrs service in the institute
- Subsidized bus facilities
- Maternity leaves up to six months.
- Interest free loan in th ecase of medical emergency for the employees which is repayable in 10 monthly installments

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

104

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

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

65

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

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

138

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

## 6.4 - Financial Management and Resource Mobilization

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

The institutional accounts are regularly audited to ensure financial compliance.

**Internal Audit:** Internal Audit is conducted by a qualified Internal Auditor covering all financial and accounting activities of VJIT.

This includes scrutiny of the following:

1. all receipts from fee, donations, grants, contributions, interest earned and returns on investments;
2. all payments to staff, vendors, contractors, students and other service providers

Observations/objections are communicated through a report which is examined by Internal Auditor, Head of the Department concerned and any other member nominated by the Director/Principal. Draft report is submitted to Director/Principal, (if necessary) for finalizing compliance report of the Institute.

**External Audit:** The external auditor, a qualified chartered accountant, appointed by the college performs audit of the financial statements, financial records at the end of the financial year and income & expenditures, balance sheet and prepared notes to accounts are certified.

Statutory financial audit of institute is conducted in two

sessions, first in the month of October November/ December for a period of six months starting from 1st April to September and second in the month of May/ June for the period from October to March.

Finalization of account is in June and audited statement is prepared in July. The audited statement is duly signed by Chairman and Chartered Accountant. All accounting systems are accrual based, computerized and maintained on Tally.

The Institution also publishes the audited financial statements on the institution's website as information for the public.

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	<a href="#">View File</a>
Any additional information	No File Uploaded

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

VJIT follows a strategy for mobilizing resources and ensuring transparency in the financial management of the institute. The primary source is through collection of tuition fees. The tuition fee is fixed based on the previous year's expenditure and the impact of the inflation in the next three years. Competent faculty with a higher qualification, State- of the art- laboratories and good placement record enabled fixing of better fee by the government. Admissions and Fee Regulatory Committee(AFRC).

Optimal utilisation of resources: Institution has well defined

mechanism to monitor effective and efficient use of available resources. The lab in charges submit the proposals as per the lab requirement to the HOD. The HOD, after careful discussionsubmits the proposal in the prescribed format to the Director. The Director, in turn,submits them to the BOG. The BOG after assessing the projected income for the academic year, allocates budget to each department depending on their requirements and priorities.

#### Strategies for Optimal utilization of funds:

Apart from meeting the recurring expenditures the funds will be used:

- For effective teaching-learning practices that include conduction of orientation programs, workshops and inter-disciplinary activities
- For development and maintenance of infrastructure
- For social service activities as a social responsibility
- For green campus and amenities
- For in-house security measures
- For Research & Development purposes
- For conducting annual tech fests, alumni meet,sports meet and parent-teacher meetings
- For meeting various expenditures under different heads such as: R&D,T&P, Software and Computers
- Library Books/Journals/e-subscriptions

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)

The IQAC at VJIT was established in 2014, since then it has been performing the following tasks on a regular basis:

1. Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from stake holders.
2. Providing inputs for best practices in administration for effective resource utilization.
3. Providing inputs for Academic and Administrative Audit and analysis of results for improvement in areas found weak.
4. Preparing AQAR as per guidelines/parameters of NAAC

The two examples of practices institutionalized as a result of IQAC initiatives are as follows:

1. Outcome Based Education(OBE) Implementation

- Teachers are trained of assessment procedures, classroom activities through Workshops and Conferences
- Collaboration with IUCEE where-in VJIT organized two webinars on curriculum Design, and Instructional Strategies.
- VJIT Faculty are Reviewers for Journal of Engineering Education Transformations(JEET)
- Program Specific Outcomes(PSOs), Program Outcomes(POs) and Course Outcomes(COs) are defined.
- Cos are mapped with the POs and PSOs employing numeric weightages.
- Blooms-Taxonomy is attributed while formulating COs and Examination paper setting.
- Apart from corridors, classrooms and laboratories, COs-POs-PSOs- PEOs are displayed at all prominent places.
- Target levels of PO/PSO of departments are approved by IQAC.

1. Academic Audit:IQAC Facilitates Conduct of Academic Audit of Departments for regular strategic overview of teaching-learning process(TLP). The Internal/External Academic Audit is conducted annually on:

- Department-Statistics
- Department-Theory-Courses
- Department-Laboratory-Courses
- Project-work/Best-Practices and SWOC-Analysis

Audit report is sent to HOD who in turn takes steps to efficiently implement necessary changes as per audit-report.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://vjit.ac.in/iqac/">https://vjit.ac.in/iqac/</a>

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

The IQAC in VJIT has significantly contributed towards improving Academic Environment, Teaching, and Learning Process, Curriculum and Evaluation Methods and Research environment. IQAC objective is to improve academic performance of the institution and promote measures for institutional functioning towards quality enhancement.

IQAC members discuss regarding

- Improvement in teaching learning practices using collaborative teaching methodologies
- Usage of ICT tools

Practice : 1 Teaching Learning Process & Methodologies of operations

The teaching-learning processes are reviewed, and improvements implemented,

- Student-centric approach is implemented by including collaborative learning methodologies such as Think-Pair-Share, Flipped class room, etc by the support of platforms like Google classroom.
- Quizzes and Assignments are conducted to nurture students' problem-solving abilities.
- A rubric for project evaluation which covers all the quality criteria is also in place.
- Maintenance of course file is mandatory in VJIT.
- Setting of question papers in tune with learning outcomes (COs) as per Blooms taxonomy
- Online student feedback mechanism is practiced

Practice 2 : ICT enabled tools including online resources for effective teaching and learning process

Technology is used for enhancing the learning ability of the

graduates. Number of workshops have been conducted and MOOCS courses are done by faculty in ICT mode and tools like Google meet, Zoom are used for online classes. LCD projectors are used for Power-point presentations in the delivery of lectures. Our faculty are trained by agencies like NITTR, which are used effectively for the benefit of students.

Faculty and students are encouraged to utilize NPTEL, Coursera and CISCO.VJIT Faculty have developed YouTube based e-tutorials.

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	<a href="https://vjit.ac.in/iqac/">https://vjit.ac.in/iqac/</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	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

Facilities to ensure safety and security for girl students in

## campus

## 1. Safety and Security:

The security personnel monitor the movements in the campus round the clock.

107 CCTV cameras are installed in prominent places like entrance gate, library, auditorium, office etc.

1. Women Grievances cell deals with all the grievances faced by girl students and lady faculties.
2. Anti-ragging committee gives utmost importance for maintaining student discipline and to arrest ragging issues in the classroom as well as in the campus.
3. Common Room exclusively for girls, equipped with tables, chairs, beds with linen, drinking water coolers and wash rooms, are made available in campus.
4. Daycare facility: The center is established in campus to take care of young kids of faculty to improve employee self-confidence and to lower absenteeism.
5. Minimum counselling is provided to the students if required through their mentors.

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**

A. Any 4 or All 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)

The institute's waste management practices are as follows

**a. Solid waste management**

The waste papers, metals, dry leaves, wooden wastes, glass, wrappers, organic wastes, etc. are collected in bins located at prominent places throughout the campus. Old newspapers, records, etc. are given for recycling to external agencies. We are participating WOW (Wellbeing Out of Waste) a program initiated by ITC limited for recycling of paper.

Metals and other non-biodegradable wastes are given to external agencies where they are segregated and disposed/recycled according to the nature of the waste. The college has solid waste management pits where the biodegradable waste is dumped and allowed to decompose systematically over a period of time so that it can be used as manure for the gardens in the institute.

**b. Liquid waste management**

The reject water from the Reverse Osmosis (RO) machine is used for planting the lawns, mopping and motor vehicle washing (weekly once). The rejected water from RO and the normal tap water when mixed with an equal proportion is used for mopping the floors. The Institution has significant provisions for rainwater harvesting.

**c. E-waste management:**

Electronic goods are put to optimum use, minor repairs are done by the technical assistants. All the e-waste such as CPUs, monitors, keyboards, batteries and other electronic items are collected and given to external agencies where they are safely disposed off.

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

**7.1.4 - Water conservation facilities available**

A. Any 4 or all of the above

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

File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
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**

**A. Any 4 or All 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**

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

promotional activities	
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded
<b>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</b>	<b>A. Any 4 or all of the above</b>
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).	
VJIT in providing an inclusive environment which promotes harmony and tolerance among the students. Student enrollment is unbiased and transparent. Moreover, the institution provides equal opportunities to the students in various activities, irrespective of their caste, creed, religion, language, culture and region.	

Various cultures are represented during festivals which depict a sense of respect towards all cultures. The college, its teacher and students jointly celebrate the cultural and regional festivals, like bathukamma celebrations, New Year celebration, Independence-Day, Harithaharam, Green Ganesha, Swachh-Bharath, Fresher Party, teacher's day, orientation and farewell program, Induction program, rally, oath, plantation, Youth Day, Women's Day, International Yoga-Day, etc to promote harmony. The anti-ragging cell acts as a key factor in maintaining tolerance and harmony among students. Grievance redressal committee is constituted to address the grievances of the students. NSS unit organizes medical camps, nutrition awareness, masks distributions, sanitizer distributions, environmental protection, and education awareness among the rural population.

During the lockdown period, VJIT - NSS volunteers have donated rice and groceries to around 300 families in Gachibowli, Nanakramguda, Indira Nagar, Kothaguda and Kondapur areas. Sanitizers and biscuits were distributed to the Police and Sanitation workers to boost up their spirits. Sports and cultural activities are organized in the campus to encourage and positive attitude among students.

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

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

VJIT College of engineering sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties and responsibilities of citizens which enables them to conduct as a responsible citizen.

The personality development of the citizen in the aspects intellectual, mental, physical and spiritual is a rich heritage of our composite culture and is a panacea for all social ills. As an initiative of this, the institute conducts yoga sessions, mental health programs and Meditation programs.

To bring in awareness and to enhance the importance of Human Values & professional ethics, several programs have been organized by VJIT.

The college curriculum is framed with mandatory courses like Professional ethics and human values, as a small step to inculcate constitutional obligations among the students.

Guest lectures are arranged by eminent personalities to deliver lectures on ethics, values, duties and responsibilities and on saving environment.

On Orientation day and fresher's day, reputed persons are invited to speak about the duties and responsibilities of citizens and consequences of being responsible human and citizen of the country.

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

A. All of the above

File Description	Documents
Code of Ethics - policy document	No File Uploaded
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

The college organizes events to commemorate the birth and death anniversaries of famous personalities like Dr Sarvepalli Radhakrishnan, Sir M.V Visvesaraya and others so as to familiarize the students with the contributions that these respective personalities have made in the process of nation building.

This year VJIT celebrated the Independence Day, Engineers Day, Republic Day. To encourage lady staff and to recognize their contribution, the International Women's Day was celebrated on 8th March 2021. The events included lecture by eminent speakers from diverse fields and conducting intra-college competitions like Essay writing, Slogan writing, Poster Making, Cleanliness Drive, etc. Teachers Day was celebrated on September 5th recognizing the contributions and achievements of teachers. Birthday of Dr. Mokshagundam Visveswaraya is celebrated as Engineers' Day. All the departments organized technical competitions on this occasion. Distinguished guest was invited to address the students and faculty to inspire the community to excel as engineers following the path of the great personality. Speakers bring out invaluable knowledge in the field of emerging technologies and advancements.

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	No File Uploaded
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

**1. Title of the Practice: Strengthening of Industry- Institute Collaboration**

**2. Objectives of the Practice**

- To promote participation of industry personnel in the development of curricula & student projects.

- To encourage entrepreneurial activities among the students

### 3. The Context

Cell Dedicated to close interaction with department & industry to promote a close interaction between industry and departments. It to expose and prepare students for job and new technologies

### 4. The Practice

- CoE of Data Analytics with Qlik India, USA, Software Testing, Virtusa Polaris, Talent Sprint
- MoU with GoHexa, One Compiler, FaceHiring, Crampete, Talentio, Coding Ninjas, EdifyPath, Edunet Foundation, Infosys, iSchoolConnect Technologies Pvt.Ltd, Pepcoding Education Pvt.Ltd.
- Collaboration with ITE- Oracle.

### 5. Evidence of Success

- Students & Faculty are certified and offered placement /internships/ to carry out projects & trained as per the industry needs and are exposed to the latest trends of Industry.

### 6. Problems Encountered

- The certifications are expensive & very few faculty members can be trained.
- Initiatives for skill development for faculty Members.

Beat Practice :2

Title of the practice: PRAYUKTHI-Employability , Entrepreneurship and Higher Education Centre

Prayukthi is an initiative taken in the year of 2016 to help the students from reserved categories (SC/ST), so that they can stand strong in parallel with the other general category students. Whereas this initiative conducts, looks for funding towards few specialized initiatives, this also ensures the support for reserved category students, during the common initiatives strategies taken for all the eligible students.

File Description	Documents
Best practices in the Institutional website	Nil
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)

In line with the vision and mission of VidyaJyothi Institute of Technology (VJIT), a distinct initiative 'NYPUNYA' for holistic development of students and faculty was taken in 2015. The focus is to make our students industry ready by organizing skill development programs on entrepreneurship, research methodologies, socio economic issues and introducing value-added courses for transforming our students to socially, ethically, morally responsible technical graduates.

There are six categories under this distinct initiative:

UTKARSHAH is an amalgamate of domains to prepare our students for the needs of the industry and for higher education. Students are introduced to industry-oriented courses and encouraged to get certified.

ANTHAPRERNA inculcates business and entrepreneurial skills paving the way of business budding ideas in students.

ANVESHANA brings in curiosity and creativity in students thus strengthening research in both UG and PG students of VJIT. It also creates an environment for faculty members to get involved in different kind of innovations and research activities.

EKALAVYA motivates students to enhance their self learning capabilities and make them unique.

YUKTHI: Under this flagship, enthralling events are organized to imbibe human values, ethics and life skills in our students.

HITA is a student service club where the students join hands for social welfare programs.

File Description	Documents
Appropriate link in the institutional website	Nil
Any other relevant information	No File Uploaded

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

Internal Quality Assurance Cell of VJIT is continuously planning to attain excellence in the curriculum, research and student support system.

IQAC meetings are held regularly to discuss issues concerning the overall outcome of students. After detailed discussions based on the future plans the following resolutions were taken and recommended for implementation

1. Implementation of B.Tech Degree with Major/Minor across all the programs
2. Introduction of MOOC's Credit Courses
3. Introduction of new programmes as per the industry trends
4. To upgrade curriculum to address employability and societal demands.
5. Flexible and interdisciplinary curriculum as per NEP-2020
6. Continuous Professional Development of faculty
7. Enhancing quality publications number
8. Applying for more research grants
9. Strengthening of ICT and media centre facilities
10. Central library as modern information resource centre
11. Strengthening Incubation centre and nurturing start-ups
12. Generating alternate sources of revenue
13. To Improve Institute ranking

NIRF From 251 - 300 to 200-250 band

ARIIA From 6-100 to 6-50, Band Excellent

14. Patent Facilitation Unit

15. Intellectual Property Facilitation Centre -IPFC and grants submission towards IPR awareness

16. To be recognized as Institute of Eminence

17. To augment Industry Collaborative Centers

NAAC