



## YEARLY STATUS REPORT - 2023-2024

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	<b>Vimal Jyothi Engineering College</b>
• Name of the Head of the institution	<b>Dr.Benny Joseph</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone no./Alternate phone no.	<b>04602212240</b>
• Mobile No:	<b>9048292767</b>
• Registered e-mail	<b>principal@vjec.ac.in</b>
• Alternate e-mail	<b>bennyjoseph@vjec.ac.in</b>
• Address	<b>Jyothi Nagar, Chemperi</b>
• City/Town	<b>Kannur</b>
• State/UT	<b>Kerala</b>
• Pin Code	<b>670632</b>
<b>2.Institutional status</b>	
• Affiliated / Constitution Colleges	<b>Affiliated</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Rural</b>
• Financial Status	<b>Self-financing</b>

• Name of the Affiliating University	APJ Kalam technological University				
• Name of the IQAC Coordinator	Dr.Roshini T V				
• Phone No.	04602212240				
• Alternate phone No.	04602213399				
• Mobile	9496402767				
• IQAC e-mail address	iqac@vjec.ac.in				
• Alternate e-mail address	deanacademic@vjec.ac.in				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="http://www.vjec.ac.in">www.vjec.ac.in</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://vjec.ac.in/academic-calendar">https://vjec.ac.in/academic-calendar</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.67	2019	28/03/2019	27/03/2024
Cycle 2	A	3.15	2024	28/03/2024	27/03/2029
<b>6.Date of Establishment of IQAC</b>			28/04/2013		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
nil	nil	nil	nil	nil	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		

<b>9.No. of IQAC meetings held during the year</b>	<b>3</b>
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been 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>	<a href="#">View File</a>
<b>10.Whether IQAC received funding from any of the 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>	
<p>1.Received Autonomous Status by UGC 2.All Eligible programs are accredited by NBA 3.Achieved MOE IIC 3 Star rating Award 4.Received ARIAA Promised band ranking, 5.Received DistrictGreen Champion Award for Action Plan Committee, adopted and implemented best practices in the areas of Sanitation, Hygiene, Waste Management, Water Management, Energy Management and Greenery Management.</p>	
<b>12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>	
Plan of Action	Achievements/Outcomes
1.Improve industry collaboration	Eight active MoUs
2. Introduce Question Bank system	Effectively incorporated
3. Centralized Examination System	Effectively incorporated
4. Include add-on courses and skill enhancement programs for each batch every academic year.	Conducted 31 programs
<b>13.Whether the AQAR was placed before statutory body?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	

Name	Date of meeting(s)
IQAC	Nil

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2022-23	06/03/2024

**15. Multidisciplinary / interdisciplinary**

Based on NEP 2020, The institute provides B.Tech Minor degree courses along with B.Tech regular courses. A Minor is an additional credential, a student will earn if he/she obtains minimum 20 credits worth of additional learning in a discipline other than his/her major discipline. The objective is to permit a student to customize their Engineering degree to suit their specific interests. Upon completion of an Engineering Minor, a student will be better equipped to perform interdisciplinary research and will be better employable. The college has always strived for a multidisciplinary approach in its academic as well as co-curricular activities. Students are encouraged to undergo minor/major projects in the Multidisciplinary/Interdisciplinary mode by formulating teams from different courses. Students are also encouraged to formulate teams from different disciplines to participate in various events like Hackathons conducted by KSCSTE, IEEE etc. Add-on courses are provided in interdisciplinary areas to increase the breadth of the domain of knowledge and students are encouraged to take interdisciplinary electives to enable them to function in a multidisciplinary real-time project. On top of the above, all invited lectures and seminars are offered to the students in the field of interdisciplinary topics. Following are some of the interdisciplinary programs offered by our college 1. BTech Applied Electronics and Instrumentation Engineering. 2. BTech Computer Science and Design 3. BTech Computer Science and Engineering and Business Systems.

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

The institute has registered on Academic Bank of Credit via National Academic Depository with NAD ID NAD034947 and is encouraging the students to register with ABC. The institute has implemented a policy for students to take online courses through National Schemes like SWAYAM, MOOC, NPTEL, etc, and is considering credits earned against elective courses, Minor and Honor courses. Revision of the curriculum has been started for the academic year 2024- 2025. We are

in the process of developing a system for executing ABC in true spirit.

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

The following skill development programs are offered by the institute to the students as a part of carrier guidance and vocational training 1. CNC programming skills 2. Employment enhancement program 3. AutoCAD, STAAD PRO 4. ETABS 5. Coding skills in popular languages 6. ICT Enabled Language skill programs Apart from this, the institute provides hands-on exposure to practical subjects through mini-projects and main projects, in which students identify their skills to fabricate and learn the concepts through experiential learning.

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

To popularize the traditional knowledge of plants and trees, all the trees in the campus are labelled with its scientific name and the local names. To promote the traditional foods of south India such as Puttu and Idly, an automated cooking machine is developed by our students. This could make the cooking much more easier and help us to maintain a traditional food pattern with ease rather than switching over to junk food. To promote the value of agriculture and to keep the students in touch with our traditions, a diary farm is maintained in the college campus. The Indian knowledge system of Vastu is very much relevant in the Civil Engineering and the students are introduced to the Vastu philosophy even though it is not there in the syllabus. Indian Knowledge system will include knowledge from ancient India to modern India and a clear sense of India's future aspirations with regard to education, health and environment. The faculties are encouraged to translate the text books into the native languages.

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

All the eligible undergraduate programs of the college have been accredited by the NBA until 2026, and we are currently implementing Outcome-Based Education (OBE). Our website and prominent places within the departments feature well-defined Program Outcomes (PO), Program Specific Outcomes (PSO), and Course Outcomes (CO). Students undergo assessment based on the OBE attainment model, which evaluates their progress in three key parameters: 1. Course Outcomes (CO) 2. Program Outcomes (PO) 3. Program Specific Outcomes (PSO) Our institution attracts students from diverse socioeconomic backgrounds, cultures, and experiences. During their academic journey with us, we actively encourage them to broaden their

perspectives, attitudes, and enhance their existing skills while acquiring new ones. This approach is designed not only to aid them in their academic pursuits and future careers but also to fortify their roles within society. The Program Outcomes (POs) also align with the Vision, Mission, and Core Values of the institution. The attainment of POs facilitates the achievement of the following objectives: 1. Deepening discipline-specific knowledge. 2. Fostering critical thinking and problem-solving abilities. 3. Cultivating teamwork and communication skills. 4. Preparing students for careers and leadership roles. 5. Instilling intercultural understanding and ethical competency. 6. Promoting self-awareness and emotional intelligence.

## 20.Distance education/online education:

Google classrooms are created for each subject and the classroom codes are shared with the students, apart from regular classes they can get the complete learning materials online. . The following are some of the steps taken towards online education. 1. Google Classrooms for every course 2. Credits for approved online courses from NPTEL (Local chapter ID 276) 3. Lecture recording/streaming studio setup 4. Interactive classroom with teleconferencing facility. 5. Online classes for Civil service examination and GATE Exams. 6. Online value addition programs on employability skills.

## Extended Profile

### 1.Programme

1.1	347
Number of courses offered by the institution across all programs during the year	

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

### 2.Student

2.1	2087
Number of students during the year	

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

2.2	96
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Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
2.3	<b>455</b>
Number of outgoing/ final year students during the year	
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	<b>126</b>
Number of full time teachers during the year	
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
3.2	<b>126</b>
Number of Sanctioned posts during the year	
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	<b>65</b>
Total number of Classrooms and Seminar halls	
4.2	<b>1360.25</b>
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	<b>661</b>
Total number of computers on campus for academic purposes	
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	

## 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Vimal Jyothi Engineering College ensures effective curriculum delivery through a structured and outcome-focused approach. Key practices include:

1. **Course Planning and Delivery:** Courses are assigned based on faculty expertise, with pre-semester meetings guided by the HoD to ensure alignment with the university syllabus and effective delivery.
2. **Facilities for Curriculum Enrichment:** Resources include digital and department-specific libraries, bridge courses to simplify complex topics, and FDPs for faculty development. A mentoring system fosters students' academic and personal growth.
3. **Monitoring and Compliance:** An Academic Calendar Adherence Committee ensures schedule compliance, while PTA meetings provide insights into student performance.
4. **Seminars, Projects, and Viva:** Final-year seminars, phased project work, and a comprehensive exam covering six semesters ensure students' technical and practical readiness.
5. **Quality Assurance:** The IQAC and DQAC monitor quality through regular audits, ensuring high standards for internal assessments and compliance with KTU requirements.
6. **OBE Standards and NBA Accreditation:** The institution adheres to OBE standards and has NBA accreditation, reflecting its commitment to global competencies and academic excellence.

These practices highlight the college's dedication to innovation, holistic development, and a quality-driven educational environment.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://vjec.ac.in/academic-calendar">https://vjec.ac.in/academic-calendar</a>



### 1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institution adheres to the academic calendar, including the conduct of continuous internal evaluation, through the following practices:

#### 1. Academic Calendar Compliance:

- An Academic Calendar Adherence Committee is established to ensure all academic activities are carried out as per the predefined schedule. This guarantees smooth execution of curriculum-related events and examinations.

#### 2. Continuous Internal Evaluation (CIE):

- Internal examinations are conducted in strict alignment with the academic calendar to assess students' progress continuously.
- After each internal examination, Parent-Teacher Association (PTA) meetings are organized to analyze results and discuss both academic and non-academic concerns.

#### 3. Quality Assurance:

- Internal audits by the IQAC (Internal Quality Assurance Cell) and DQAC (Department Quality Assurance Cell) ensure that the evaluation process, including the quality of question papers and assessments, is maintained at a high standard.
- External audits by KTU further validate the adherence to academic guidelines and evaluation processes.

These measures reflect the institution's commitment to maintaining a structured and efficient academic framework while ensuring continuous monitoring of students' academic performance.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	<a href="https://vjec.ac.in/academic-calendar">https://vjec.ac.in/academic-calendar</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.**  
**Academic council/BoS of Affiliating University**  
**Setting of question papers for UG/PG programs**  
**Design and Development of Curriculum for Add on/ certificate/ Diploma Courses**  
**Assessment /evaluation process of the affiliating University**

**B. Any 3 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

**38**

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

**1.2.2 - Number of Add on /Certificate programs offered during the year**

**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement**

**for year: (As per Data Template)**

31

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**

1060

**1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year**

1060

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

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

The curriculum of Kerala Technological University (KTU) addresses cross-cutting issues of Professional Ethics, Gender, Human Values, Environment, and Sustainability, which are effectively integrated into the educational framework at Vimal Jyothi Engineering College (VJEC).

**Gender Equality:** VJEC promotes gender equality by ensuring equal opportunities for students and staff through active participation in decision-making, leadership roles, and developmental activities. Committees like the Women's Cell and Internal Complaints Committee support female empowerment. The college conducts women's development seminars, provides resting rooms for both genders, and offers equal career opportunities through the Placement Cell.

**Environment & Sustainability:** Courses like Introduction to Sustainable Engineering and Environmental Engineering educate students on sustainability and environmental issues. Green audits under the Go Green Club, investment in solar plants, and NSS activities such as tree planting promote sustainable practices.

**Human Values & Professional Ethics:** Courses like Life Skills and Professional Communication instill values of honesty, respect, and justice. Activities like prayers and NSS initiatives, including visits to orphanages and book donations, nurture human values and ethics in students.

VJEC is dedicated to fostering an inclusive environment, emphasizing sustainability, equality, and ethics, ensuring students grow as responsible and competent professionals contributing positively to society.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

**1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year**

**69**

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

861

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni**

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>A. Feedback collected, analyzed and action taken and feedback available on website</b>
File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://vjec.ac.in/crm/public/uploads/downloads/9AYpvI4Lj5jYsC9WFyQlPdxsl2s77E.pdf">https://vjec.ac.in/crm/public/uploads/downloads/9AYpvI4Lj5jYsC9WFyQlPdxsl2s77E.pdf</a>
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	
<b>2.1.1 - Enrolment Number Number of students admitted during the year</b>	
<b>2.1.1.1 - Number of sanctioned seats during the year</b>	
738	
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 seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)</b>	
<b>2.1.2.1 - Number of actual students admitted from the reserved categories during the year</b>	
96	
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>
<b>2.2 - Catering to Student Diversity</b>	
2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners	
<b>Vimal Jyothi Engineering College (VJEC) implements a structured approach to assess and address the diverse learning needs of its</b>	

students. By evaluating academic performance, classroom discussions, co-curricular, and extracurricular activities, the college identifies advanced and slow learners and tailors programs to support their growth.

**Advanced Learners:** VJEC fosters the potential of advanced learners through a variety of initiatives, including:

- **Competitive Exam Preparation:** Guidance for exams like GATE and other assessments.
- **Research and Publications:** Opportunities to present and publish research in reputed journals.
- **Professional Engagement:** Active participation in professional body activities.
- **Higher Education Orientation:** Counseling for admissions in premier institutions.
- **Innovation Support:** Assistance with patent filing and idea development.
- **Recognition:** Awards for academic and extracurricular excellence.
- **MOOCs and Certifications:** Encouragement to pursue certified online courses.
- **Minor and Honors Programs:** Options for academic enrichment.
- **Scholarships:** Financial support for deserving students.

**Slow Learners:** VJEC provides comprehensive support to slow learners, including:

- **Booster Classes:** Strengthening core subject knowledge.
- **Mentorship:** Personalized tracking and guidance.
- **Counseling:** Addressing academic and emotional challenges.
- **Parent-Teacher Interaction:** Collaborative improvement strategies.
- **Buddy System:** Peer learning support.
- **Motivational Lectures:** Building confidence and positivity.
- **Study Resources:** Tailored materials and solved question papers.

These initiatives empower all students to excel academically and personally.

File Description	Documents
Link for additional Information	<a href="https://vjec.ac.in">https://vjec.ac.in</a>
Upload any additional information	<a href="#">View File</a>

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
2087	126

File Description	Documents
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

Vimal Jyothi Engineering College (VJEC) places a strong emphasis on adopting student-centric teaching-learning methods, fostering a dynamic educational environment that goes beyond traditional assessments. Educators at VJEC employ interactive techniques, including experiential learning, participative learning, and problem-solving methodologies, all enhanced through the integration of Information and Communication Technology (ICT) tools.

#### Student-Centric Teaching-Learning Methods:

##### 1. Experiential Learning:

- Practical sessions provide hands-on experience, bridging the gap between theory and application.
- Internships offer real-world exposure and application of theoretical knowledge.
- Industrial visits provide insights into industry practices, enhancing practical understanding.
- Projects, including those through the Unnat Bharat Abhiyan (UBA), encourage collaborative problem-solving and application of concepts.



**2. Participative Learning:**

- The buddy system facilitates peer learning, fostering collaboration and mutual support.
- Seminars and presentations encourage active student participation and knowledge sharing.
- Workshops provide a platform for interactive learning, skill development, and practical application.
- Integration of Swayam and MOOC courses expands access to diverse learning resources.

**3. Problem Solving:**

- Booster classes and tutorial sessions address individual learning needs, providing targeted assistance.
- Question and answer sessions promote critical thinking and problem-solving skills.
- Competitions encourage healthy competition, enhancing problem-solving abilities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://vjec.ac.in/departments/mechanical/activities">https://vjec.ac.in/departments/mechanical/activities</a>

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Vimal Jyothi Engineering College (VJEC) embraces the transformative power of technology in education, offering a variety of ICT-enabled facilities to enrich the learning experience:

**Digital Library:** Students have access to a vast digital library, providing extensive resources for research, self-learning, and academic growth.

**Smart Classrooms:** Equipped with advanced multimedia tools, smart classrooms create an interactive and engaging learning environment, fostering better understanding and participation.

**YouTube Channel:** VJEC's dedicated YouTube channel serves as a comprehensive repository of educational content, making lectures, tutorials, and learning materials easily accessible to students anytime, anywhere.

**Google Workspace:** The integration of Google Workspace facilitates seamless collaboration through tools for document sharing, real-time editing, and efficient communication between students and faculty.

**Language Lab:** To enhance communication skills, the language lab offers interactive tools and programs that support the development of effective verbal and written language proficiency.

These ICT-enabled facilities not only make education more accessible and engaging but also empower students with the skills and resources needed to excel in a technology-driven academic and professional landscape.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="https://library.vjec.ac.in">https://library.vjec.ac.in</a>

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

**94**

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

<b>2.4 - Teacher Profile and Quality</b>	
<b>2.4.1 - Number of full time teachers against sanctioned posts during the year</b>	
126	
File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
<b>2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)</b>	
<b>2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year</b>	
20	
File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	<a href="#">View File</a>
<b>2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)</b>	
<b>2.4.3.1 - Total experience of full-time teachers</b>	
866	
File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>
<b>2.5 - Evaluation Process and Reforms</b>	

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Vimal Jyothi Engineering College (VJEC), affiliated with APJ Abdul Kalam Technological University, implements a transparent and efficient Continuous Internal Evaluation (CIE) system for undergraduate (UG) and postgraduate (PG) programs, ensuring fairness and accountability.

Assessment Process VJEC evaluates students through diverse criteria such as subject proficiency, comprehension skills, attendance, seminars, and viva voce. Internal assessments include three tests, two assignments, and one internal lab exam per semester.

#### Measures to Ensure Transparency

1. Internal Examination Cell: Oversees schedules and monitors the process.
2. Evaluation: Faculty prepare question banks and is scrutinized by department quality assurance cell.

Internal question papers are then generated by assigned faculty within the Examination Cell.

These papers are rigorously scrutinized by a faculty member from each relevant department to ensure quality and adherence to the syllabus and Bloom's Taxonomy.

1. Result Transparency: Results are analyzed, displayed, and discussed in PTA meetings.
2. Practical & Project Evaluation: Considers exams, records, and work quality.
3. Attendance: Monitored via a computerized system; attendance progression is published.
4. Rectification & Retests: Errors in assignments are corrected; retests are allowed for valid reasons.
5. Record Maintenance: Comprehensive documentation supports academic audits.

VJEC's approach fosters accountability, clarity, and academic excellence.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://vjec.ac.in/academics/examination">https://vjec.ac.in/academics/examination</a>

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

**Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient**

**Response: Affirmative**

Vimal Jyothi Engineering College (VJEC), affiliated with APJ Abdul Kalam Technological University, Kerala, adheres to the university regulations for Continuous Internal Evaluation (CIE) for both undergraduate (UG) and postgraduate (PG) programs. The institute ensures an efficient grievance redressal system, focusing on maintaining the highest standards of fairness and accountability

#### **Grievance Redressal Mechanism for Examinations**

- Teachers distribute evaluated answer scripts, addressing student concerns.
- Students can approach subject teachers to resolve any examination-related grievances.
- If a student misses an examination due to medical or valid reasons, they may take a rescheduled examination upon submitting an application with supporting documents, following institute norms.
- Faculty mentors counsel and provide remedial classes for failing students.

#### **Mechanism for Marks-Related Grievances**

- Faculty evaluate answer sheets within 10 days of the test and share them with students during class.

- Students may apply for reevaluation on receiving their marks. Reevaluated results are published.

In conclusion, Vimal Jyothi Engineering College upholds a transparent assessment mechanism and an efficient grievance redressal system, ensuring fairness, accountability, and a student-centric approach. These practices reflect the institute's commitment to academic integrity and continuous improvement.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://vjec.ac.in/academics/examination">https://vjec.ac.in/academics/examination</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Vimal Jyothi Engineering College (VJEC) emphasizes the transparent communication and integration of Programme Outcomes (POs) and Course Outcomes (COs) across its academic programs.

### Communication to Faculty:

- **Faculty Development Seminars:** Regular sessions on Outcome-Based Education (OBE) familiarize teachers with POs, Bloom's Taxonomy, and assessment strategies, ensuring an understanding of the academic framework.
- **Inclusion in Course Files:** POs, Program Specific Outcomes (PSOs), Programme Educational Objectives (PEOs), and COs are documented in course files, providing faculty clear objectives.
- **Faculty Meetings:** Open discussions in faculty meetings promote collaboration toward achieving academic goals.
- **Display in Key Areas:** POs and PSOs are displayed in offices, laboratories, staff rooms, and classrooms.

### Communication to Students:

- **Web Display:** POs, PSOs, and COs are accessible on the college website for all stakeholders.
- **Physical Display:** Prominent placement in academic spaces ensures students' continual awareness.
- **Inclusion in Publications:** College magazines and newsletters highlight POs.
- **Lab Records & Manuals:** POs, PSOs, and COs are included in lab records and manuals.
- **Orientation Meetings:** HODs and tutors explain outcomes during orientations to align student understanding.
- **Exam Papers & Syllabus:** COs feature in exam papers and the university syllabus.

This comprehensive approach ensures active engagement from faculty and students, fostering a shared commitment to academic excellence.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://vjec.ac.in/departments/computer-science/profile">https://vjec.ac.in/departments/computer-science/profile</a>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Vimal Jyothi Engineering College (VJEC) adopts a systematic approach to assess the attainment of Programme Outcomes (POs) and Course Outcomes (COs) across its academic programs.

#### Evaluation of COs:

- **Assessment Methods:** Continuous evaluation systems and end-semester examinations are used to measure CO attainment for undergraduate programs.
- **Standardized Practices:** A common assessment approach includes final university exams, internal series tests, assignments, lab exams, seminars, and projects, ensuring consistency across

courses.

- **Data Utilization:** Performance data from these assessments form the basis for evaluating COs, offering insights into students' proficiency.

#### Evaluation of POs and PSOs:

- **CO Mapping:** POs are assessed based on the aggregate attainment of COs, systematically mapped to POs and Program Specific Outcomes (PSOs).
- **Direct and Indirect Methods:** Attainment is evaluated using 80% weightage for direct assessments and 20% for indirect assessments.
- **Direct Assessment:** CO attainment forms the primary input for calculating direct PO and PSO attainment across relevant courses.
- **Indirect Assessment:** Surveys, such as program exit, co-curricular, and industrial visit surveys, provide insights into program effectiveness.

By combining direct and indirect methods, VJEC ensures a thorough evaluation of student outcomes. Results guide curriculum enhancements, teaching strategies, and overall program quality, reflecting the institution's commitment to academic excellence and continuous improvement.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://vjec.ac.in/crm/public/uploads/downloads/nGBbe45JYXBgMzjB46xKDLFrD8F56O.pdf">https://vjec.ac.in/crm/public/uploads/downloads/nGBbe45JYXBgMzjB46xKDLFrD8F56O.pdf</a>

### 2.6.3 - Pass percentage of Students during the year

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

302



File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://vjec.ac.in/crm/public/uploads/downloads/WXcH5IIhpAzxDgJ0NQdnFZxYooBrt1.pdf">https://vjec.ac.in/crm/public/uploads/downloads/WXcH5IIhpAzxDgJ0NQdnFZxYooBrt1.pdf</a>

## 2.7 - Student Satisfaction Survey

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

<https://vjec.ac.in/crm/public/uploads/feedback/JdaGSloRDSCBbCFZYybVy7xXWnRPYU.pdf>

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Resource Mobilization for Research

**3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

**3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

**1.63210**

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year**

**3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

6

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://vjec.ac.in/research/project">https://vjec.ac.in/research/project</a>

**3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year****3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year**

12

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

**3.2 - Research Publications and Awards****3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year****3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year**

15

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

**3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**

**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year**

7

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**3.3 - Extension Activities**

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Vimal Jyothi Engineering College (VJEC) emphasizes holistic student development through extension activities that instill social responsibility and resilience. Engagement in organizations like NSS, IEEE, UBA, and UNAI equips students to address real-world challenges confidently.

**Key Initiatives:**

- **NSS Activities:** Students participate in blood donation camps and awareness rallies, promoting community health.
- **Unnat Bharat Abhiyan:** Adoption of five villages supports projects like egg hatching machines, waste management systems, and solar dryers.
- **Swachh Bharat Mission:** Activities include tree planting, plastic waste management, and town cleaning, fostering environmental responsibility.
- **Innovative Projects:** Encouragement through IEDC schemes and academic work addresses social issues.
- **Technical Awareness:** IEEE PES volunteers conduct programs for schools and villages to enhance technological literacy.
- **Energy Efficiency:** Awareness campaigns promote energy-saving practices.
- **Flood Relief Services:** NSS units contributed during the 2018-2019 floods, showcasing social responsibility.
- **Computer Literacy:** IEEE Women in Engineering programs empower women through digital skills.
- **Charity Pilgrimage:** Visits to orphanages include donations and cleaning activities.

These initiatives reflect VJEC's dedication to community engagement,

fostering empathy and proactive problem-solving in students, and creating a lasting impact on society.

File Description	Documents
Paste link for additional information	<a href="https://vjec.ac.in/crm/public/uploads/downloads/JEfgStuNvoRoVo4zvkv0cIyoXnhZk5.pdf">https://vjec.ac.in/crm/public/uploads/downloads/JEfgStuNvoRoVo4zvkv0cIyoXnhZk5.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

8

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

#### 3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

23

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	<a href="#">View File</a>

**3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year****3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year****1608**

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.4 - Collaboration****3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year****112**

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year****3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year****8**

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## 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 equipment etc.

**Affirmative:** To achieve the goals, vision and mission of the institution , management provides adequate infrastructure facilities for effective teaching- learning and holistic development of students as per the norms of AICTE and Kerala Technological University. The institution is spread across a 30.50 acres campus with abundant green landscape with 34785.59sqmbuilt up carpet area and is planned with facilities for academic and co curricular activities and is located in the Kannur District of Kerala. The floor space, furniture, equipment, support system and ICT facilities for classroom, laboratory, library and reading rooms are fulfilled meeting the statutory requirements of the affiliated University. The institution's academic activities are carried out in seven different blocks.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://vjec.ac.in/campus/amenities">https://vjec.ac.in/campus/amenities</a>

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

**Affirmative** The importance of physical activities for one's personality growth and overall health includes athletics, games, weight training, and other activities. Facilities are provided for training, organizing cultural events, sports, and games allow us to hold various sports and competitions to high standards, which will

be enjoyable for our students. FACILITIES FOR EXTRA-CURRICULAR/CULTURAL ACTIVITIES ? Seminar hall I (300sqm ) with 240 seating ? Seminar hall II (235.39 sqm) accommodates 240 members ? Auditorium ( 2297.11 sqm) accommodates 1500 member

FACILITIES FOR SPORTS AND GAMES Outdoor ? Track of 200-meter (110x75sqm)with supporting equipment ? Football field (90 X 60 sqm) ? Volleyball courts ( 18x9 each) ? Two Basketball court (28X15 meters ) ? Three badminton courts (13.40x 6.10 sq meter.) ? Cricket ground (100 x 75 sq meter ) ? Kho kho (32x15 sq meters)

GYMNASIUM ? Multi Gym with 12 stations. ? Leg press machine,squat machine ,punching ? Bar -3Feet, 4 Feet and 5 Feet ? Dumbbell pec deck machine ,different weight 2Kg,4Kg,5Kg,10Kg.incline bench ,decline bench,crossover machine,chest press machine ,Leg curl machine, Biceps curl machine,abdominal Board,Bench Press.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://vjec.ac.in/campus/amenities">https://vjec.ac.in/campus/amenities</a>

#### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

65

##### 4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

49

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://vjec.ac.in/campus/amenities">https://vjec.ac.in/campus/amenities</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)****397.43**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource****4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

Vimal Jyothi Central Library has an area of 1000 Sq M and is housed in the administrative block spanning 2 floors. It has a seating capacity for 150 users. The library subscribes to 92 journals and has a collection of 46099 volumes consisting of 30149 titles in different domains of Science and Technology. The library has access to E journals and E books on various disciplines in addition to national and international journals.

The books are categorized according to Dewey Decimal Classification Scheme and open access for all. Initially, Del Plus & New Gen Lib was used as the ILMS platforms. This was upgraded with leading Library Management Software KOHA in 2021 with Cloud Server. Membership, registration and issue/return of books are done in the automation mode. Barcode technology is used for this purpose. A barcoded Identity Card that is issued to students at the time of admissions is used for membership to the library.

OPAC [ <https://library.vjec.ac.in/> ] can be accessed by the users through digital devices from anywhere in and off the campus. A Touch Screen Kiosk have been placed for OPAC

Gate Register: The entry of all the users is documented by a scanner at the library entrance.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://library.vjec.ac.in/cgi-bin/koha/opac-library.pl?branchcode=MAIN">https://library.vjec.ac.in/cgi-bin/koha/opac-library.pl?branchcode=MAIN</a>

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

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

**7.09**

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

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)**

**4.2.4.1 - Number of teachers and students using library per day over last one year**

**16363**

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

### 4.3 - IT Infrastructure

#### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

VJEC IT Infrastructure includes 661 computers. All are connected to the LAN. We have a leased line internet connectivity of 600 Mbps and 20Mbps broadband. The network was secured by Sophos XG 450 firewall. The Wi-Fi controller is Aruba. All departments have their computer labs.

The institution uses 6 IBM servers & 1 storage server with SAAS technology to make the data safe. The Active directory is configured on the Windows 2008 enterprise server. The systems on the college's local network work under this server. A user is created for every member of the institution. Users get their desktop, documents, and one network drive based on the group policy on the college storage server. The campus has two server rooms, one at Vimal Jyothi Engineering College and another at Vimal Jyothi Institute of Management and Research. Data and mirror copies are replicated and stored in these two locations.

Academic and Administrative data are stored using cloud storage, using G Suite for education, Microsoft Office 365, and dhi software are the primary services used for data backup protection. Apart from it, routine backup of important data such as financial statements is taken on hard disks and saved to Bluehost Shared Hosting.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://vjec.ac.in/campus/amenities">https://vjec.ac.in/campus/amenities</a>

#### 4.3.2 - Number of Computers

661

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

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

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

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

1360.25

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

The students and faculties of VJEC are actively utilizing the physical facilities like Laboratories, Classrooms, Library, hostel, play ground etc. The class room and other spaces available can be utilized as exam centre for Government Exams, GATE exams etc. on holidays and vacation period. On summer vacation the motivational classes and skilled development courses are conducted for school students and other public activities. The Institution has appointed

staff for maintaining facilities such as Buildings, Transport, Electrical, Housekeeping, Garden etc. Regular cleaning of College floors, classrooms, laboratories, equipment, and rest rooms are being done by the housekeeping team under the supervision of a maintenance supervisor. Stock verification and up-keeping of the equipment in all labs and other facilities is done at the end of every year by Lab In-charge and the report is submitted to the Principal through the concerned department HOD's for further action. Regarding the laboratory, at the end of every semester regular checkup of equipment is carried out. The minor repairs are carried out by the technical staff and faculty member as per the requirement. Major repairs of equipments are outsourced to the service centers.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://vjec.ac.in/campus/amenities">https://vjec.ac.in/campus/amenities</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

62

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

**5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year****5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

305

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefitted by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

A. All of the above

File Description	Documents
Link to institutional website	<a href="https://vjec.ac.in/placement/overview">https://vjec.ac.in/placement/overview</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

186

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

186

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

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## **5.2 - Student Progression**

### **5.2.1 - Number of placement of outgoing students during the year**

#### **5.2.1.1 - Number of outgoing students placed during the year**

**186**

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

**5.2.2 - Number of students progressing to higher education during the year****5.2.2.1 - Number of outgoing student progression to higher education**

6

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

**5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)****5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

17

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.3 - Student Participation and Activities****5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

65

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

Student Council is a group of elected and volunteer students working together within the framework of a constitution or bylaws to provide a means for student expression and assistance in the institution's affairs and activities, give opportunities for student experience in leadership, and encourage students. A student council is a group of student leaders who work with an adult advisor to collaborate with others to impact their school community, which impacts their city or town, which impacts our state, which impacts our country, which changes the world. Cultural activities provide exposure to the innate talents of students who can actively participate conduct cultural program committees that will function under the guidance of teachers. NSS units of our college conduct various activities such as seminars on topics like personality development, and blood donation. Many of our college volunteers have participated in State level national level events. NSS also conducts programs such as planting trees, adoption of Villages, blood donation camps, etc.,

File Description	Documents
Paste link for additional information	<a href="https://www.vjec.ac.in/about/statutory-committee">https://www.vjec.ac.in/about/statutory-committee</a>
Upload any additional information	<a href="#">View File</a>

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**

**5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year**



30

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

#### 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

All former students who have graduated from this college shall be eligible for membership of the association. All the final year students of the college shall be associate members of the association. All the members of the teaching faculties of the college shall be ex- officio members of the association. The former members of the teaching staff of the college who have served the college for a period of five years shall be honorary members of the association. Only members whose names are included in the membership register shall have the voting power To provide a forum for the old students of the College to meet and discuss the matters of common interest. To promote the interests of the College and its past and present students. To promote goodwill and mutual assistance among the members. To contribute to the cause of technical education by sharing the experience of those in the field. To help the authorities to improve the academic and cultural activities of the college. To co-operate with the students in literary, cultural and sports activities of the college. To help the members in employment and service matters without interfering in the policies of their employers.

To arrange and conduct programmes of general and technical nature. To co- operate with other such bodies for the same ends.

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

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**

**E. <1Lakhs**

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

## **GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 - Institutional Vision and Leadership**

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Vimal Jyothi Engineering College (VJEC), established in 2002 under the visionary guidance of the Archdiocese of Thalassery and governed by the Meshar Diocesan Educational Trust, is dedicated to providing quality technical education while fostering human values. Affiliated with APJ Abdul Kalam Technological University (KTU), the institution operates through a decentralized and participative governance model aligned with its vision and mission.

The Meshar Diocesan Educational Trust upholds the college's mission of enhancing learning and instilling values through world-class technical education. The Board of Trustees, led by Patron Archbishop Mar Joseph Pamplany and Chairman Rev. Fr. Antony Muthukunnel since 2019, establishes policies and oversees administration.

A Governing Body guides academic, research, and student/faculty development, supported by Departmental Advisory Boards fostering innovation. The College Council ensures quality in teaching-learning processes, and the Internal Quality Assurance Cell (IQAC) continuously monitors institutional performance.

Committees such as the College Student Union, NSS, Sports and Art Committees, and the Placement Cell promote student engagement and holistic development. The Women Cell addresses women's priorities, while the PTA Executive fosters collaboration among parents, teachers, and the institution.

This governance model reflects VJEC's commitment to sustained growth, decentralization, and institutional excellence.

File Description	Documents
Paste link for additional information	<a href="https://vjec.ac.in/about/vision-mission">https://vjec.ac.in/about/vision-mission</a>
Upload any additional information	<a href="#">View File</a>

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

#### Outcomes of Effective Leadership and Governance:

The institution's decentralized governance and effective leadership contribute to:

- **Academic Excellence:** A commitment to fostering multidisciplinary education, skill

development, and character-building.

- **NEP 2020 Implementation:** VJEC actively embraces the National Education Policy (NEP) 2020, recognizing its transformative potential. Initiatives include consultations, workshops, and faculty and student development programs to align curriculum, pedagogy, and assessment with NEP's vision.

#### Assessment Process:

VJEC's assessment process is comprehensive, incorporating various criteria:

- **Subject Proficiency:** Evaluated through a written exam to gauge students' knowledge.
- **Viva Voce Sessions:** A platform for interactive assessments.

This multifaceted approach ensures a holistic evaluation of students, promoting a comprehensive understanding of their capabilities.

In conclusion, Vimal Jyothi Engineering College exemplifies visionary leadership and decentralized governance, fostering a conducive environment for academic excellence, skill development, and holistic education. The institution actively embraces the transformative NEP 2020, aligning its practices with the evolving landscape of higher education in India.

File Description	Documents
Paste link for additional information	<a href="https://vjec.ac.in/crm/public/uploads/ssrd/YSoKSrWmogA9578UaaVhHcxbywnuWT.pdf">https://vjec.ac.in/crm/public/uploads/ssrd/YSoKSrWmogA9578UaaVhHcxbywnuWT.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institutional strategic perspective plan at Vimal Jyothi Engineering College has been successfully implemented, reflecting a strong commitment to academic excellence and holistic development. This is achieved through a structured leadership framework, effective monitoring mechanisms, and transparent communication channels. The Governing Body provides strategic guidance, ensuring the long-term vision is realized. The Principal manages day-to-day operations, with regular meetings for decision-making and reviews. The College Council oversees academic performance and improvements, while the Internal Quality Assurance Cell (IQAC) ensures continuous enhancement in all academic and administrative areas. Various committees and cells manage academic, co-curricular, and extracurricular activities, promoting a well-rounded education. A robust Grievance Redressal System addresses student concerns through specialized bodies for issues like anti-ragging and anti-sexual harassment. Recruitment, promotion, and service rules follow AICTE, KTU, and Kerala Government guidelines, ensuring fairness and transparency. The institution communicates effectively through multiple channels, including notices, circulars, and digital tools like email and WhatsApp. A clear framework of policies governs academics, research, and administration, ensuring structured operations. In conclusion, the strategic plan's successful implementation is reflected in the institution's leadership, monitoring, adherence to regulations, and comprehensive communication strategies, all fostering a quality educational environment.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.vjec.ac.in/about/strategy-development/institutional-perspective-plan">https://www.vjec.ac.in/about/strategy-development/institutional-perspective-plan</a>
Upload any additional information	<a href="#">View File</a>

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

#### MESHAR Diocesan Educational Trust

The Board of Trustees is responsible for managing the Trust's properties, held in the name of the Chairman. The Board oversees the establishment and administration of educational institutions, ensuring compliance with legal requirements. It is tasked with requesting and accepting financial contributions, including donations in cash or kind, grants, and subsidies, to support the Trust's activities. The Board is authorized to collect fees, deposits, contributions, fines, or other funds as permitted by state laws. Furthermore, it invests the Trust's funds prudently to align with its objectives.

The Governing Board supports the Board of Trustees in academic and administrative matters. Its key responsibilities include proposing academic projects, advising on their implementation, and monitoring their progress. It also acts as a liaison between management, staff, and students, ensuring smooth coordination. Additionally, the Governing Board contributes to formulating policies related to staff promotions, incentives, and other institutional matters.

For transparency, the Trust's service rules, policies, and procedures are documented in the staff handbook and published on the college website. This ensures accountability and accessibility for all stakeholders.

This governance structure ensures effective management and continuous development of the Trust's educational mission.

File Description	Documents
Paste link for additional information	<a href="https://vjec.ac.in/crm/public/uploads/downloads/2023-06-15/vjec_policies_2023_(2).pdf">https://vjec.ac.in/crm/public/uploads/downloads/2023-06-15/vjec_policies_2023_(2).pdf</a>
Link to Organogram of the Institution webpage	<a href="https://vjec.ac.in/crm/public/uploads/ssrd/YSoKSWRmogA9578UaaVhHcxbywnuWT.pdf">https://vjec.ac.in/crm/public/uploads/ssrd/YSoKSWRmogA9578UaaVhHcxbywnuWT.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

## 6.3 - Faculty Empowerment Strategies

### 6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

Vimal Jyothi Engineering College recognizes its employees as invaluable assets and is committed to fostering a nurturing environment for both teaching and non-teaching staff. The institution emphasizes welfare measures and implements a comprehensive performance appraisal system to support staff development and well-being.

Employee Welfare Measures include various leave options such as medical, maternity, casual, and study leave. Monetary welfare includes gratuity, provident fund contributions, ESI for non-teaching staff, and medical insurance. The Staff Association for Mutual Empowerment (SAME) offers low-interest personal loans, while laptop loans and seed money for research promote professional growth. Faculty also receive incentives for paper publications,

patent filing, and pursuing Ph.D. programs.

General welfare initiatives include a staff club, gymnasium, transportation facilities, dining facilities, and faculty rooms with cubicles. Additional perks include accidental insurance, hostel facilities, recreation tours, special gifts, and performance rewards like hard disks for faculty achieving good pass percentages.

The Performance Appraisal System includes self-appraisal reports, student feedback, and peer reviews. Regular advisory meetings and evaluations using the Spaneos system determine faculty increments and promotions. This integrated approach demonstrates the college's commitment to creating a supportive, growth-oriented environment for its staff.

File Description	Documents
Paste link for additional information	<a href="https://www.vjec.ac.in/crm/public/uploads/downloads/2023-06-15/vjec_policies_2023_(2).pdf">https://www.vjec.ac.in/crm/public/uploads/downloads/2023-06-15/vjec_policies_2023_(2).pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

14

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 programs organized by the institution for teaching and non-teaching staff during the year

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

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### **6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

#### **6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

**68**

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

### **6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff**

**1. Faculty Appraisal: Faculty members are evaluated based on Annual Quality Assurance Report of Vimal Jyothi Engineering College Academic Performance in terms of Result attained, Paper Publications, Extra-curricular activities and increments are provided.**



2. Peer Review: Peer evaluation of the class is done by peer faculty members.

3. Financial aid for the Research Publications: Faculty members can get financial help from the institution for publishing research papers.

4. Student Feedback: At the end of each semester student's feedback about the performance of the staff members are collected.

5. Faculty development programs: Faculty members are motivated to attend various FDPs. They can also avail financial aid for attending these programs.

File Description	Documents
Paste link for additional information	<a href="https://www.vjec.ac.in/crm/public/uploads/downloads/UJSa2T9Phrf1BEMSRKbuvA6g3W4Bi5.pdf">https://www.vjec.ac.in/crm/public/uploads/downloads/UJSa2T9Phrf1BEMSRKbuvA6g3W4Bi5.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Vimal Jyothi Engineering college is a self-financing institution. The college is run by collecting fees from the students. The accounts of Vimal Jyothi Engineering college are audited regularly as per the government rules. VJEC has an account section headed by the Bursar of the college, which controls the entire fund. The account officer examines receipts and payments with vouchers and necessary supporting documents. He also ensures that all payments are duly authorized. An external auditor conducts statutory audits at the end of every financial year. The college files income tax return every year within the stipulated time.

File Description	Documents
Paste link for additional information	<a href="https://vjec.ac.in/public/mandatory/Balance%20Sheet%202023-24.pdf">https://vjec.ac.in/public/mandatory/Balance%20Sheet%202023-24.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)****6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

0

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

**6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources**

To ensure adequate resources for the optimal functioning and growth of the institution, every department proactively prepares advance budgets for the upcoming academic year. These budgets encompass requirements for laboratory equipment, infrastructure, and IT facilities. The compilation and normalization of departmental budget plans are based on the anticipated total income from students' tuition fees.

In cases of emergencies or shortages, the institution has established a mechanism to mobilize additional funds through loans from banks. Furthermore, departments are encouraged to explore grant opportunities from various sources, such as consultancies and seminar/workshop grants from prestigious organizations like AICTE and KSCSTE. The collaborative negotiation process for equipment procurement involves a committee comprising the Bursar, Administrator, Principal, Head of the Department, and the faculty in charge of the laboratory.

The institution emphasizes efficient utilization of resources, instructing staff to maximize the use of equipment within the established college time framework. Inter-departmental coordination is actively promoted to enhance the effective use of laboratory equipment and seminar halls, fostering a collaborative and resource-efficient environment.

File Description	Documents
Paste link for additional information	<a href="https://vjec.ac.in/public/mandatory/Balance%20Sheet%202023-24.pdf">https://vjec.ac.in/public/mandatory/Balance%20Sheet%202023-24.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

Vimal Jyothi Engineering College has made significant progress in institutionalizing quality assurance strategies and processes through the dedicated efforts of its IQAC.

**Quality Assurance Initiatives:** IQAC is committed to systematically initiating quality improvement strategies and ensuring the effective functioning of various institutional activities. Such as:

1. **Academic Calendar Planning:** An academic calendar is prepared, ensuring a well-structured teaching plan in alignment with Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs).
2. **Monitoring Curriculum Delivery:** The IQAC monitors syllabus coverage, assesses question paper quality, and collects valuable student feedback, creating a feedback cycle for faculty improvement.
3. **Certificate Courses:** The institution bridges the gap between industry and academia by offering add-on courses.
4. **Learning Outcomes Assessment:** Quantitative assessments of learning outcomes are conducted through outcome mapping, audits, and feedback mechanisms, contributing to the enhancement of teaching methodologies.
5. **Faculty Development Programs:** Workshops and programs on various topics.
6. **Support Initiatives for Students and Faculty:** Initiatives like Innovative Research Promotion Scheme (IRPS), KSCSTE Student Project, and CERD funding are introduced.
7. **Mentoring System:** The Mentoring System fosters a strong bond

between teachers and students.

File Description	Documents
Paste link for additional information	<a href="https://www.vjec.ac.in/accreditations/iqac">https://www.vjec.ac.in/accreditations/iqac</a>
Upload any additional information	<a href="#">View File</a>

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The Internal Quality Assurance Cell (IQAC) at VJEC plays a pivotal role in fostering a culture of continuous improvement and quality assurance. To ensure academic excellence, at least two IQAC meetings are held each semester. Course team meetings are conducted before the semester begins to review course targets, lesson plans, question banks, and assignments. Class advisory meetings occur thrice per semester to address student feedback. Faculty feedback is collected twice per semester via CMS and analyzed by the HOD for necessary corrective actions. Peer observations and academic audits, including two internal and one external audit per semester, further support quality initiatives.

Accreditations such as NBA, NAAC, ISO, and Green Audits, along with international certifications like QS I-GAUGE E-LEAD, validate the institution's commitment to excellence. Alumni interactions provide insights into industry requirements. Continuous improvement efforts have led to enhanced documentation, recognition in NIRF and ARIIA rankings, increased research publications, and technological advancements such as ICT-enabled classrooms, new computer labs, and NPTEL-certified experts. The introduction of new B.Tech programs and the provision of free Wi-Fi exemplify infrastructure enhancements. IQAC's efforts ensure VJEC remains a leader in engineering education, driving growth, research, and international recognition.

File Description	Documents
Paste link for additional information	<a href="https://www.vjec.ac.in/accreditations/iqac">https://www.vjec.ac.in/accreditations/iqac</a>
Upload any additional information	<a href="#">View File</a>

<b>6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)</b>	<b>A. All of the above</b>
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File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://www.vjec.ac.in/crm/public/uploads/downloads/tEzwYeSIVzSecBP9lM3dIpo0OyQuSH.pdf">https://www.vjec.ac.in/crm/public/uploads/downloads/tEzwYeSIVzSecBP9lM3dIpo0OyQuSH.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

- **Health and Fitness Class**

Organized regular sessions to promote physical well-being and fitness among girls and staff, focusing on health, awareness and self-care.

- She Venture Journey The women cell organised a transformative trip , 'She venture journey' to a resort situated at paithalmala. This excursion aimed to provide an opportunity for the lady staffs to rejuvenate, explore the serene environment.
- Women's Equality Day Hosted events and activities to celebrate Women's Equality Day, raising awareness about gender equality and the contributions of women to society.
- Rural Women Day Celebration Engaged with rural women to celebrate and recognize their role in community development, providing them a platform to share their stories and

challenges.

Moreover , the college focuses on the following things to promote and provide a safe environment for women inside the campus.

- **Campus Security**
  - The campus is equipped with a 24/7 surveillance system, with CCTV cameras installed at key locations to ensure safety.
  - Security personnel monitor and maintain a secure environment.
- **Anti-Ragging and Grievance Cells**
  - An active Anti-Ragging Committee and Grievance Redressal Cell address any concerns or complaints swiftly.
- **Women Empowerment Cell**
  - It organises seminars and discussions to create awareness about women's rights, safety, and overall well-being.

File Description	Documents
Annual gender sensitization action plan	<a href="https://www.vjec.ac.in/crm/public/uploads/downloads/8XarepUKdWdINlmxmnUg43lGR6vJbw.pdf">https://www.vjec.ac.in/crm/public/uploads/downloads/8XarepUKdWdINlmxmnUg43lGR6vJbw.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://vjec.ac.in/crm/public/uploads/downloads/CBwjx3j6giLXZ2u0wAbbPEYE37frRW.pdf">https://vjec.ac.in/crm/public/uploads/downloads/CBwjx3j6giLXZ2u0wAbbPEYE37frRW.pdf</a>

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

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

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Vimal Jyothi Engineering College has implemented comprehensive waste management systems to handle various types of waste effectively:

**Solid Waste Management:** The college enforces a strict ban on single-use plastics, promoting eco-friendly alternatives. Waste segregation stations are established across the campus to separate biodegradable and non-biodegradable waste, ensuring proper disposal and recycling.

**Liquid Waste Management:** VJEC has integrated wastewater treatment facilities to manage liquid waste efficiently. The treated water is repurposed for non-potable uses, supporting water conservation efforts.

**E-Waste Management:** The institution has established protocols for the collection and disposal of electronic waste. E-waste is segregated and handed over to certified e-waste recyclers, minimizing environmental impact.

**Waste Recycling System:** VJEC promotes recycling initiatives, including the use of biogas plants that convert organic waste into energy. Plastic waste are collected separately and sent to recycling units, fostering a sustainable campus environment with the help of Haritha Karma Sena, which is an initiative of local self government authority. Compact incinerators are provided in ladies toilet to dispose the sanitary napkins in a proper way. The sewage treatment plant in the campus also play a pivotal in the waste management system of VJEC.

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File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="https://www.vjec.ac.in/crm/public/uploads/downloads/RrzvYMrbWvz4xCuR6FjxlsC3rjfBP1.pdf">https://www.vjec.ac.in/crm/public/uploads/downloads/RrzvYMrbWvz4xCuR6FjxlsC3rjfBP1.pdf</a>
Any other relevant information	<a href="#">View File</a>

<b>7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus</b>	<b>A. Any 4 or all of the above</b>
<b>File Description</b>	<b>Documents</b>
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>
<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b> <ol style="list-style-type: none"> <li><b>1.Restricted entry of automobiles</b></li> <li><b>2.Use of Bicycles/ Battery powered vehicles</b></li> <li><b>3.Pedestrian Friendly pathways</b></li> <li><b>4.Ban on use of Plastic</b></li> <li><b>5.landscaping with trees and plants</b></li> </ol>	<b>A. Any 4 or All of the above</b>
<b>File Description</b>	<b>Documents</b>
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</b>	<b>A. Any 4 or all of the above</b>



File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

<p><b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b></p>	<p><b>A. Any 4 or all of the above</b></p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**Vimal Jyothi Engineering College (VJEC) is committed to fostering an inclusive environment that promotes tolerance, harmony, and a deep understanding of constitutional obligations among its students and staff. The institution follows a comprehensive approach to achieve these objectives:**

**Cultural Celebrations:** Cultural celebrations, such as Onam, serve as a powerful testament to the institution's commitment to fostering unity among students of various religions and backgrounds. During Onam, the college organizes a range of activities like Traditional music performances, onam sadya, cultural programs and games that bring together students and faculty members, promoting an atmosphere of inclusivity and harmony.

**Distribution of uniforms:**The distribution of uniforms to students is an important initiative aimed at promoting equality, discipline, and a sense of unity across the campus. The institution ensures that all students, irrespective of their socioeconomic backgrounds, have access to a uniform that reflects the institution's standards and fosters a sense of belonging.

**Scholarships:** The institution recognizes the importance of supporting economically disadvantaged students and provides various scholarship schemes to alleviate financial barriers and promote academic excellence. Merit-Based scholarships are awarded to students who demonstrate outstanding academic performance in their entrance exams or throughout their course of study.

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>
Any other relevant information	<a href="#">View File</a>

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

VJEC places a strong emphasis on sensitizing students and employees to their constitutional obligations, fostering a deep understanding of the values, rights, duties, and responsibilities of citizens.

**Student Induction Programme**

The Student Induction Program is designed to help new student's transition smoothly into the academic environment, familiarize them with the institution's culture, and instill values of discipline and responsibility.

## Curriculum Integration

A dedicated Course on the Constitution of India (COI) is offered to all students as part of the curriculum, ensuring they gain a comprehensive understanding of the Constitution's principles, citizens' rights, duties, and responsibilities. This course is designed to instill a sense of national pride, civic responsibility, and awareness of the democratic framework that governs India.

## Social Outreach Programs

Charity pilgrimages to old age homes and other social outreach programs offer students valuable opportunities for community involvement. These initiatives go beyond academics, allowing students to engage with the elderly, offer small acts of kindness, and contribute to building a stronger sense of community and belonging. Student Council Election

The Student Council Election at VJEC is a significant event that fosters democratic participation, leadership skills, and civic responsibility among students.

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

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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** 4.  
Annual awareness programmes on Code of Conduct are organized

A. All of the above

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

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

- **Teachers' Day:** A day to honour teachers and their contributions to education, with programs organised by students to show appreciation for faculty members.
- **Gandhi Jayanthi:** Our campus organised a comprehensive cleanliness drive to honour Mahatma Gandhi's principles of cleanliness and social responsibility. Inspired by Gandhiji's famous quote "Cleanliness is next to Godliness," students, faculty, and staff came together to: sweep and clean all campus areas, including classrooms, corridors, playgrounds, and surrounding premises.
- **International Yoga Day:** Yoga sessions were conducted to promote physical and mental well-being among students and staff.
- **International Women's Day:** On this day, a dynamic health and wellness class was conducted to promote holistic well-being among students and staff members, fostering a culture of fitness and self-care within the institution. The women's cell of VJEC organised a transformative trip to allow female staff members to rejuvenate and explore in a serene environment.

To promote cultural diversity and harmony, the institution celebrates various festivals and cultural events, such as:

- **Onam and Christmas Celebrations:** Festive events are organized with cultural performances, traditional games, and community gatherings that unite students and staff.
- **College Arts Day:** A grand celebration to showcase student achievements, cultural programs, and awards for academic and extracurricular excellence.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

- 1. Charity Pilgrim: A Journey of Compassion and Social Responsibility**  
**Objectives:** To cultivate empathy and social responsibility among students and faculty while providing financial and emotional support to underprivileged communities. **Context:** Charity Pilgrim bridges the gap between academia and the challenges faced by marginalized communities, fostering values of compassion and altruism. **Practice:** Funds are raised through voluntary contributions and campus events, used to distribute essentials like food, clothing, and educational materials.

**Evidence of Success:** The initiative has consistently grown, with increasing student participation annually. Over 10 charity centers and several communities have benefited, and participants report enhanced awareness and empathy.

- 2. Peer Observations: Enhancing Teaching Excellence**  
**Objectives:** To improve teaching quality through constructive feedback and continuous professional development. **Context:** This practice fosters collaboration among faculty, ensuring effective teaching methodologies. **Practice:** Faculty observe peers' classes using a structured framework, focusing on teaching techniques, student engagement, and content delivery. Insights and improvements are discussed post-observation. **Evidence of Success:** Peer observations have significantly enhanced classroom engagement and teaching outcomes. Faculty report increased sharing of innovative methods and positive feedback on the program's impact on teaching effectiveness.

Both practices exemplify VJEC's dedication to holistic education, social responsibility, and teaching excellence.

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Vimal Jyothi Engineering College has emerged as a dynamic center fostering innovation, entrepreneurship development, and industry-academic collaboration. The college's ecosystem encourages students and faculty to harness their creativity and entrepreneurial spirit, promoting the transformation of ideas into impactful solutions.

Through its Innovation and Entrepreneurship Development Centre (IEDC), the institution nurtures start-ups and entrepreneurial ventures by providing technical mentorship, financial support, and incubation facilities. The center organizes hackathons, ideation challenges, and workshops, enabling students to solve real-world problems using cutting-edge technology.

Collaborations with leading industries and external agencies ensure that students gain exposure to industry trends and practices. The college's Memorandums of Understanding (MoUs) with organizations in sectors such as IT, manufacturing, and renewable energy provide opportunities for internships, live projects, and sponsored research.

Participation in initiatives like Make in India, Startup India, and Atal Innovation Mission has further established the college as a regional innovation leader. Faculty members and students actively engage in government and industry-funded research projects, contributing to technological advancements.

Vimal Jyothi Engineering College remains committed to producing entrepreneurial leaders and innovators, bridging the gap between

academia and industry while empowering the next generation of technocrats.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

#### Plan of Action for Academic Year 2024-25

##### 1. Environmental Consciousness and Sustainability

- **Objective:** Promote sustainability through campus-wide initiatives.
- **Actions:**
  - Install additional solar panels to increase renewable energy usage by 20%.
  - Organize plantation drives to increase green cover.
  - Strengthen the existing water conservation system with extra rainwater harvesting units.

##### 2. Gender Equity Initiatives

- **Objective:** Foster an inclusive environment.
- **Actions:**
  - Conduct gender sensitization programs for students and staff.
  - Strengthen the functioning of the Internal Complaints Committee (ICC).
  - Initiate a mentorship program to support women students in academics and leadership.

##### 3. Social Responsibility Programs

- **Objective:** Enhance community engagement and support.
- **Actions:**
  - Expand the Charity Pilgrim initiative to reach 15 charity centers.
  - Organize health camps and skill-development workshops in nearby communities.
  - Include reflection and impact assessment sessions for

all outreach programs.

#### 4. Green Audit and Institutional Ethics

- **Objective:** Ensure adherence to ethical and environmental standards.
- **Actions:**
  - Conduct an annual green audit.
  - Strengthen the code of ethics for research and academic activities.
  - Promote eco-friendly practices, including plastic-free and energy-efficient measures.

**Monitoring:** Monthly reviews by the Criterion 7 committee to ensure timely implementation and progress evaluation.