



YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	Dr. Harish V. Vankudre
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02502338234
• Mobile No:	9860176909
• Registered e-mail	vcet_inbox@vcet.edu.in
• Alternate e-mail	principal@vcet.edu.in
• Address	K. T. Marg, Vasai Road (West), Dist. Palghar
• City/Town	Vasai
• State/UT	Maharashtra
• Pin Code	401202
2.Institutional status	
• Affiliated / Constitution Colleges	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	University of Mumbai				
• Name of the IQAC Coordinator	Megha Trivedi				
• Phone No.	02502338234				
• Alternate phone No.	02502338234				
• Mobile	09764197184				
• IQAC e-mail address	iqac@vcet.edu.in				
• Alternate e-mail address	megha.trivedi@vcet.edu.in				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://vcet.edu.in/wp-content/uploads/2023/06/AQAR_2021-22.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://vcet.edu.in/wp-content/uploads/2023/01/Academic-Calendar-Even-Semester-2022-23-SE-TE-BE.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.69	2019	28/03/2019	27/03/2024
6.Date of Establishment of IQAC			10/07/2017		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Mrs. Anagha Patil, Mr. Chandan Kolvankar, Mr. Sainath Patil	Nil	University of Mumbai	2023, 20 months	3.1 lakh	
8.Whether composition of IQAC as per latest			Yes		

NAAC guidelines	
<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File
9.No. of IQAC meetings held during the year	4
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> • If yes, mention the amount 	
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
<p>1. ISTE Approved One Week Online Short Term Training Program (STTP) On "Reforms and Innovations in Examination System" 2. External Academic Audit 3. Faculty Development Programmes on various aspects of Teaching-Learning and OBE 4. Green and Energy Audit 5. Revision of rubrics for various assessment tools 4. Revision of course and attainment booklets</p>	
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year	
Plan of Action	Achievements/Outcomes
Intra-Institutional Internships	240 students benefitted
Upgradation of IT infrastructure	140 i5 (40 with NVIDEA graphics card), 25 i7 laptops were procured
Increase in MoU	22 new MoUs signed
Faculty Development Programmes on aspects of Teaching Learning and OBE	6 FDPs organised on various aspects of Teaching Learning and OBE

13. Whether the AQAR was placed before statutory body?	Yes				
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <thead> <tr> <th data-bbox="76 421 783 495">Name</th> <th data-bbox="783 421 1493 495">Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td data-bbox="76 495 783 566">College Development Committee</td> <td data-bbox="783 495 1493 566">30/10/2023</td> </tr> </tbody> </table>	Name	Date of meeting(s)	College Development Committee	30/10/2023	
Name	Date of meeting(s)				
College Development Committee	30/10/2023				
14. Whether institutional data submitted to AISHE					
<table border="1"> <thead> <tr> <th data-bbox="76 656 783 730">Year</th> <th data-bbox="783 656 1493 730">Date of Submission</th> </tr> </thead> <tbody> <tr> <td data-bbox="76 730 783 801">2022-23</td> <td data-bbox="783 730 1493 801">14/02/2024</td> </tr> </tbody> </table>	Year	Date of Submission	2022-23	14/02/2024	
Year	Date of Submission				
2022-23	14/02/2024				
15. Multidisciplinary / interdisciplinary					
<p>Vidyavardhini's College of Engineering and Technology (VCET) proactively embraces the principles outlined in the National Education Policy (NEP) 2020, which is being implemented phase-wise by the University of Mumbai.</p> <p>Regarding multidisciplinary and interdisciplinary learning experiences, some key initiatives and activities that demonstrate our preparedness for the implementation of NEP 2020 are:</p> <ul style="list-style-type: none"> Expert Talks and Technical Events: Expert talks, workshops, technical competitions, and hackathons on inter- and multidisciplinary topics are regularly organized to provide students with opportunities to engage in hands-on learning and innovation. Multidisciplinary Courses: The curriculum includes a wide range of multidisciplinary open elective courses called Institute Level Optional Courses (ILOC) for final-year students, covering areas such as product lifecycle management, management information systems, cyber security and laws, disaster management and mitigation measures, and more, which are available to all students. Elective Courses: For the third and final year students, the curriculum includes Department Level Optional Courses (DLOC), where the students have the opportunity to take up interdisciplinary courses. Honors and Minor Programs: In addition to the degree program, VCET offers honors and minor programs in emerging fields like artificial intelligence and machine learning, cybersecurity, 					

smart cities, etc.

- Clubs and Teams: VCET hosts various clubs and teams such as 'Solecthon' (an autonomous car team and solar-powered car team), Team Centurion (an all-terrain vehicle), and 'EMechto' (a self-balancing bike team), where students from different disciplines collaborate in developing these interdisciplinary projects and engage in hands-on learning experiences.
- Projects: Students undertake interdisciplinary mini- and major projects relevant to industry and society. Students are encouraged to undertake training through MOOC platforms like NPTEL and Infosys SpringBoard.

In our journey towards aligning with the NEP, 2020, we remain committed to promoting a culture of multidisciplinary learning, innovation, and excellence within our institution.

16.Academic bank of credits (ABC):

VCET recognises the importance of implementing the Academic Bank of Credits (ABC) to enhance the academic flexibility and mobility of the students. Some key initiatives in this direction are:

- Preparation for Implementation: VCET is actively engaged in the process of implementing the Academic Bank of Credits (ABC) as per the guidelines issued by the University of Mumbai. Faculty members and administrative staff are working diligently to ensure the smooth transition to the ABC system.
- Student Registration on ABC Portal: All students have been registered on the ABC portal, and the necessary information has been updated to the University of Mumbai's database.
- Pedagogical Approaches: Faculty members implement their course plans by employing various pedagogical approaches, including inquiry-based, collaborative, and integrative methods, during course delivery.
- Development of Study Material: Faculty members actively contribute to the development of study materials, which are made available in the public domain.
- Assessment Practices: VCET utilizes a combination of summative and formative assessments, as well as assignments, to evaluate students' learning outcomes effectively. The assessment practices are designed to provide meaningful feedback to students and support their continuous growth and development.
- Involvement in AICTE's Parakh Assessment: VCET is actively involved in providing students with AICTE's Parakh assessment, which serves as a benchmark for assessing the quality of technical education imparted by our institution.

17.Skill development:

VCET is committed to fostering a culture of continuous learning and skill development among students and faculty members with infrastructural and financial assistance. Some key initiatives are:

- **Skill-Based Labs:** The curriculum includes skill-based lab courses for all the programs like object-oriented programming, Python, CAD/CAM, AI and automation, etc.
- **Skill Development Programs:** VCET organizes a wide range of expert lectures, workshops, and student development programs (SDPs) focused on the latest technologies and industry trends. These programs cover diverse areas such as Android development, machine learning, chatbot development, robotics, and the Internet of Things (IoT). VCET also conducts SDPs in collaboration with Infosys Springboard LMS, resulting in certifications for the students.
- **Industry Partnerships and Collaborations:** VCET has established the Industry Institute Interaction Cell to promote partnerships with the industry for facilitating skill development workshops and training programs on emerging technologies. VCET has three centers of excellence through which training programs are organized for the students.
- **Faculty Development Programs:** VCET regularly conducts faculty development programs covering a wide spectrum of emerging technologies and skills. Faculty also undergo training programs on universal human values, stress management, etc.

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

VCET is committed to the integration and promotion of Indian language and culture through various activities, such as:

- **Indian Festivals:** VCET celebrates Indian festivals like Dussehra, Diwali, Pongal, and Makar Sankranti, where students and teachers participate in large numbers. VCET also organizes a grand Garba Night, a traditional day where the students come traditionally dressed. Chatrapati Shivaji Maharaj Jayanti Utsav for the promotion of culture is also celebrated.
- **Induction Program:** Students undergo an induction program in the first year aimed at introducing skills such as time management and stress management through yoga, language sessions, and other similar sessions.
- **Language Promotion:** VCET's Literati cell organizes events such as Marathi Bhasha Diwas celebrations and publishes an annual magazine 'Vista', in which students contribute articles in

Hindi, Marathi, and English.

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

VCET takes several initiatives to align the curriculum with outcome-based education (OBE) principles:

- **Outcomes:** Each course undergoes a rigorous process of defining course outcomes (COs) that align with program outcomes (POs) and program-specific outcomes (PSOs). Faculty members collaborate to map these outcomes and determine the cognitive levels required for achieving them, ensuring that the curriculum is structured to meet the desired educational objectives.
- **Stakeholder Engagement:** VCET actively engages with stakeholders, including employers, alumni, and regulatory bodies, to obtain feedback on the relevance and effectiveness of the curriculum. This helps in identifying and bridging the gaps.
- **Pedagogical Innovation:** Faculty members employ diverse teaching methodologies, including experiential learning, project-based learning, case studies, and collaborative activities, to facilitate active engagement and skill development and align with the defined course outcomes. Faculty seamlessly integrate ICT tools to make their content delivery more effective.
- **Assessment Strategies:** VCET has developed robust assessment strategies. Assessment methods include internal assessment tests, quizzes, assignments, projects, etc., allowing students to demonstrate their attainment of learning outcomes through diverse means. Well-defined rubrics are utilized to ensure consistency and transparency in assessment and evaluation.

20.Distance education/online education:

VCET recognizes the importance of embracing online education platforms to enhance student learning experiences and facilitate continuous professional development for faculty members.

- **Expert Sessions Conducted Online:** Expert sessions are conducted online to facilitate interactions with industry experts, researchers, and thought leaders from around the globe. These sessions provide students and faculty members with opportunities to gain insights into cutting-edge technologies, industry trends, and best practices directly from experts who may be geographically distant.
- **Massive Open Online Courses (MOOCs):** VCET promotes a culture

of lifelong learning by actively encouraging students to explore courses offered on platforms like NPTEL, Coursera, Infosys SpringBoard, and other MOOCs. These platforms provide access to a wide range of courses covering diverse topics and disciplines, allowing students to supplement their classroom learning with self-paced online modules.

- **Virtual Labs and Simulation Tools:** Practical sessions are also conducted using virtual labs and simulation tools to provide students with hands-on experience. This facilitates experimentation and exploration across various domains of engineering and technology.
- **G Suite for Teaching-Learning Activities:** G Suite tools such as Google Classroom, Google Drive, and Google Meet are utilized for sharing resources, assignments, conducting online discussions, and organizing virtual lectures and tutorials.
- **Faculty Development Programs (FDPs) and Online Workshops:** Faculty members are encouraged to enroll in online webinars, workshops, short-term training programs (STTPs), and faculty development programs (FDPs) conducted by reputed institutions and organizations. These programs provide opportunities to update their knowledge and skills, explore emerging trends in pedagogy and technology-enhanced learning, and exchange best practices with peers from academia and industry.

Extended Profile

1.Programme

1.1

586

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

File Description	Documents
Data Template	View File

2.Student

2.1

2060

Number of students during the year

File Description	Documents
Data Template	View File

2.2

209

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		
File Description	Documents	
Data Template	View File	
2.3		484
Number of outgoing/ final year students during the year		
File Description	Documents	
Data Template	View File	
3.Academic		
3.1		102
Number of full time teachers during the year		
File Description	Documents	
Data Template	View File	
3.2		102
Number of Sanctioned posts during the year		
File Description	Documents	
Data Template	View File	
4.Institution		
4.1		27
Total number of Classrooms and Seminar halls		
4.2		987.83
Total expenditure excluding salary during the year (INR in lakhs)		
4.3		758
Total number of computers on campus for academic purposes		
Part B		
CURRICULAR ASPECTS		

1.1 - Curricular Planning and Implementation

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

Institute is affiliated to University of Mumbai and approved by AICTE. Before commencement of every semester, Principal conducts a meeting with Head of Departments (HODs) and all other functional heads to finalize academic calendar. It is prepared in-line with the guidelines provided by University of Mumbai. It includes all major co-curricular and extra-curricular activities. Academic Calendar is displayed on notice boards and College Website. Time table is proposed and approved by Principal. HOD allocates workload to faculty based on their expertise and subject preferences. Faculty members prepare lesson plan and course file which includes syllabus, notes and University question papers. Course booklet is maintained by faculty member which includes weekly report, Course Outcomes, Course Outcome-Program Outcome mapping, etc. Project progress is monitored and evaluated by project guides along with panel at various stages and is recorded Project handbook. Effective curriculum delivery is ensured by modern teaching-learning tools, tutorials, case studies, quizzes, assignments, internal assessment, mini projects, industrial visits, internships, etc. Continuous assessment of each student is done throughout the semester. Student attendance is monitored monthly and defaulter list is displayed and parents are intimated through letter about the same by respective proctors. Course feedback is taken from students twice a semester.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

The academic calendar of the VCET is prepared semester-wise in line with that of the University of Mumbai. It is approved by Dean-Academics and Principal. The academic calendar is disseminated to the students and faculty well in advance before the commencement of the academic term by publishing it on the Institute website. All the activities like term start, end dates, conduction of internal assessment, display of results, display of defaulter list followed by mentoring of defaulter students, Co-curricular and extra-curricular activities, public holidays, commencements of

theory/practical/viva exams etc. are all executed as per the timeline specified in the academic calendar. Moreover, all the events/activities are conducted adhering to the timeline specified in the academic calendar. Additionally, a departmental activity calendar is published which includes activities like department meetings, proctor meetings, project meetings, placement activities, industrial visits, events related to students' activities, etc. are strictly adhered to the schedule. Assessment tools such as quizzes, assignments, and seminars are utilized throughout the semester, with continuous evaluation using rubrics. Moreover, the Internal Assessment Monitoring Committee verifies the quality of assessment question papers to ensure alignment with Bloom's taxonomy levels, enhancing the evaluation process.

File Description	Documents
Upload relevant supporting documents	No File Uploaded
Link for Additional information	Nil

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

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

9

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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)**

17

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

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

1201

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

1201

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

VCET prioritizes the fair treatment of all individuals within its organization, ensuring that gender-based discrimination is strictly prohibited. Gender audits are conducted to evaluate the degree of gender equality institutionalization.

Courses and open electives such as Internet of Things, environmental management, energy audit and management, disaster management, and renewable energy systems impart knowledge, enabling students to embrace sustainable practices and reduce energy consumption. VCET implements sustainable practices like rainwater harvesting, waste recycling, and administrative digitization to minimize paper usage.

Various activities like cleanliness drives, blood donation camps, and health awareness campaigns to promote inclusivity and diversity are organized. National festivals serve as platforms to reinforce patriotic and moral values.

VCET offers a diverse array of courses, including business communication and ethics, professional ethics and corporate social responsibility, cryptography and system security, and cyber security and laws, aimed at ingraining students with professional integrity and ethical values essential for their future endeavours. Through active involvement in activities organized by professional bodies like IEEE, IETE, CSI etc. Students integrate ethics into their learning journey. VCET emphasizes academic integrity by employing plagiarism detection software. These concerted efforts cultivate well-rounded, ethical engineering professionals ready to confront modern challenges.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	No File Uploaded

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

80

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

2032

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

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	No File Uploaded
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	No File Uploaded
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website						
<table border="1"> <thead> <tr> <th data-bbox="84 320 547 387">File Description</th> <th data-bbox="563 320 1468 387">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="84 387 547 488">Upload any additional information</td> <td data-bbox="563 387 1468 488" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="84 488 547 600">URL for feedback report</td> <td data-bbox="563 488 1468 600" style="text-align: center;">Nil</td> </tr> </tbody> </table>	File Description	Documents	Upload any additional information	No File Uploaded	URL for feedback report	Nil	
File Description	Documents						
Upload any additional information	No File Uploaded						
URL for feedback report	Nil						
TEACHING-LEARNING AND EVALUATION							
2.1 - Student Enrollment and Profile							
2.1.1 - Enrolment Number Number of students admitted during the year							
2.1.1.1 - Number of sanctioned seats during the year							
564							
<table border="1"> <thead> <tr> <th data-bbox="84 958 547 1025">File Description</th> <th data-bbox="563 958 1468 1025">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="84 1025 547 1093">Any additional information</td> <td data-bbox="563 1025 1468 1093" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="84 1093 547 1205">Institutional data in prescribed format</td> <td data-bbox="563 1093 1468 1205" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Any additional information	No File Uploaded	Institutional data in prescribed format	View File	
File Description	Documents						
Any additional information	No File Uploaded						
Institutional data in prescribed format	View File						
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))							
2.1.2.1 - Number of actual students admitted from the reserved categories during the year							
147							
<table border="1"> <thead> <tr> <th data-bbox="84 1507 547 1574">File Description</th> <th data-bbox="563 1507 1468 1574">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="84 1574 547 1641">Any additional information</td> <td data-bbox="563 1574 1468 1641" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="84 1641 547 1753">Number of seats filled against seats reserved (Data Template)</td> <td data-bbox="563 1641 1468 1753" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Any additional information	No File Uploaded	Number of seats filled against seats reserved (Data Template)	View File	
File Description	Documents						
Any additional information	No File Uploaded						
Number of seats filled against seats reserved (Data Template)	View File						
2.2 - Catering to Student Diversity							
2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners							
Slow, average, and advanced learners are identified on the basis of their previous semester results as follows:							

Table I: Criteria for Slow/ Average/Advance Learners

Sr. No.

Criteria

Category

1.

Backlog and/or CGPA < 5

Slow Learner

2.

5 < CGPA < 8

Average Learner

3.

CGPA > 8

Advanced Learner

Slow learners:

Remedial/extra lectures are organized along with individual interaction. Question Bank is provided along with exam-oriented guidance. Personal counselling is provided by mentors/ course teachers, to improve their confidence. Their performance has been observed and guidance will be provided till the student clears backlogs and improved CGPA. Students are encouraged to participate in curricular/extra-curricular activities.

Average learners:

The objective is to improve students' academic performance. Students are encouraged to participate in curriculum/extra curriculum activities and enrol in online courses. This is a continuous process that improves the learner's overall performance.

Advanced learners:

Advanced learners are encouraged to participate in technical

competitions, technical paper presentations, workshops, entrepreneurship programs, competitive exams, research activities, etc. The students are groomed with professional guidance to imbibe employability skills. Best Outgoing Student Award is presented to a final year student who excels in academics and co-curricular/extracurricular activities. Nominations are invited from each department.

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

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

Number of Students	Number of Teachers
2060	102

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

The curriculum includes mini and major projects every semester, which gives an opportunity to carry out extensive experimentation for project implementation. VCET organizes a nation-level project competition, Vidyavardhini's National-Level Project Showcase (VNPS), and "Product Showcase". The learning process is further enhanced by workshops to get hands-on experience, activities of centers of excellence, case studies, presentations, elocutions, debates, role-plays, quizzes, etc.

Students are encouraged to participate in project contests, paper presentations, and conferences. National and international professional associations, including IEEE, ISA, CSI, IETE, VMEA, ISHRAE, and IGBC, have student chapters at VCET. These student chapters host technical events, industry expert sessions, workshops, seminars, alumni interactions in emerging fields, etc. VCET also hosts a technical paper presentation event called Oscillation. The Entrepreneurship Cell organizes events like Start-up Fest, Biz-

Talks, Biz-Master, and other events that focus on business, management, and entrepreneurship.

In addition to internships, major/mini projects, and industrial projects, other useful resources for fostering problem-solving skills among students include coding competitions, national hackathons, and so forth.

VCET promotes the formation of peer groups such as Team Solecthon, Team Ethan, Quad Bike, Arinova, and Yantrika (a robotics club) to create working models, which include design and development activities.

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

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

Faculty members employ a variety of ICT tools to deliver lectures, which include software simulations, PowerPoint presentations, video lectures, etc. Students are advised to use Coursera, Udemy, and the National Program on Technology-Enhanced Learning (NPTEL) as curricular supplements. Use of digital libraries and e-resources (e-books) is also encouraged. The virtual laboratory platform is used to enhance the lab experience. Academic processes are managed using the enterprise resource planning (ERP) platform.

VCET has Microsoft Campus Licenses MS Office 365 A3 under which 1Tb storage on OneDrive is available to faculty and students. G Suite Domain for Education enables faculty to use the Google Classroom and Google Meet Tool while teaching or conducting online guest lectures. Faculty members have developed e-content and videos and published them on websites and YouTube channels.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

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****87**

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	No File Uploaded
Circulars pertaining to assigning mentors to mentees	No File Uploaded
mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality**2.4.1 - Number of full time teachers against sanctioned posts during the year****102**

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

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)**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****22**

File Description	Documents
Any additional information	No File Uploaded
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)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**2.4.3.1 - Total experience of full-time teachers****1148**

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Internal assessments and end-semester exams are conducted as per university guidelines. Students receive the dates at the start of the semester via the Academic Calendar. These exams are overseen by a central committee led by the HOD and department exam in-charges. The quality of the internal assessment question paper is ensured by the Internal Assessment Monitoring Committee (IAMC). Assessment of internal exam papers is done centrally, and results are declared within a week. Furthermore, model answers and evaluation schemes are submitted beforehand.

Internal assessment question papers, answers, and evaluation schemes are discussed with students. Students are made aware of rubrics for grading assignments, tutorials, practical write-ups, etc. The evaluation of major and mini projects is based on a well-defined process and performance criteria.

The end-semester examination is administered by the University of Mumbai. Question papers are provided through the Digital Exam Paper Delivery System. Timely assessment of answer papers is done by the faculty in the central assessment room. Masking and coding are utilized for second- and third-year paper assessment and moderation. On-screen marking (OSM) is employed for first- and final-year exams. Mark sheets are compiled and sent to the university for approval.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

Redressal of grievances (Internal examination)

The mechanism for redressal of grievances with reference to evaluation at the Institute level is as per the rules laid down by the University. This includes accepting the request forms for photocopy and re-evaluation from the students. Students are given 7 days time from the date of declaration of their results to apply for a photocopy of their answer books and also to apply for re-evaluation.

- For re-evaluation, the answer books of the students for which they have applied, are taken out, masked again, and sent to examiners of different colleges for re-evaluation.
- On receipt of the photocopy, if the student notices a mistake in total and/or non-assessment of a question / sub-question, he/she has to apply to the Principal in the prescribed form within 3 days from the date of receipt of the photocopy. All such grievances are forwarded to the concerned internal examiners for necessary action.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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.

Vidyavardhini's College of Engineering and Technology adheres to the Programme Outcomes (POs) defined by the National Board of Accreditation (NBA).

The Program Educational Objectives (PEOs) and Program Specific

Outcomes (PSOs) are framed following a thorough evaluation of input from internal and external stakeholders and are approved by the Department Advisory Board (DAB).

- The POs, PEOs, and PSOs are displayed on: Institute website
- Department Office
- Course booklet of each course
- Department notice board.
- All laboratories, etc.

They are also discussed during:

- Department Advisory Board meetings
- Alumni interactions
- Industry-Institute interaction activities
- Parents meeting
- Student induction program

The course outcomes (COs) and objectives are structured in compliance with the University of Mumbai syllabus. A team of domain experts among the faculty members from the department prepares the COs of each course through multiple meetings. Based on the curriculum, the COs are designed to address the expected cognitive level. Students are briefed about the COs by the respective faculty during the lectures. COs are also disseminated on website, course booklet, practical booklet, and project handbooks, etc. The assessment tools are also devised in accordance with the cognitive level of the COs.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	No File Uploaded

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

The course outcomes (COs) of each course are defined and mapped with the program outcomes (POs) and program-specific outcomes (PSOs). The COs are evaluated using assessment tools like internal assessments, quizzes, assignments, tutorials, experiments, seminars, projects, case studies, course exit surveys, etc., as part of the in-semester evaluation. All COs are assessed collectively using tools like end-

semester exams, term work, oral, and/or practical examinations.

Process for measuring the attainment of COs includes:

- Setting targets for CO attainment
- Qualifier Level for CO attainment
- Student progression and attainment level
- Evaluation of Internal attainment
- Evaluation of External Attainment
- Calculating Overall CO attainment

Processes used for measuring the attainment of POs and PSOs

Attainment of COs through in-semester and end-semester assessment contributes towards the direct attainment of POs and PSOs. Program exit surveys, alumni feedback, employer feedback, and parent feedback contribute to indirect attainment of POs and PSOs.

At the end of the program, the attainment through all the courses is averaged and given a weightage of 80% to obtain direct attainment and the Program Exit Survey and feedback from the stakeholders obtained through the survey are given a weightage of 20% in the final calculation for the attainment of POs and PSOs.

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

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

465

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

https://vcet.edu.in/wp-content/uploads/2024/03/SSS-2022-23_Report.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)

4.01

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

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

2

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

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

122

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

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

6

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

81

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

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

VCET has a National Service Scheme (NSS) unit that conducts various activities with an emphasis on community development and outreach. The summary of activities carried out in the neighborhood is as follows:

VCET students and faculty enthusiastically take part in mega donation camps by donating clothes, stationery, groceries, toys, etc., which lends a helping hand to unprivileged people in the community. Webinars such as Leave No One Behind on World Tribal Day are organized to foster awareness about neighboring Adivasi communities and spread the message of dignity. Events such as beach cleaning, plastic waste collection, and tree plantations have supported the local community in carrying on the legacy of "Our Vasai Green Vasai". Rainwater harvesting programs, weed cleaning campaigns, bund construction, water quality surveys, etc. have been means for environmental conservation.

Events such as Say No to Drug Activities, Yoga Day, and Dos and Don'ts for COVID-19 have helped to create awareness about healthy living. Blood donation drives, organ donation awareness campaigns, and other initiatives have raised awareness of the need to save lives.

These outreach activities have a profound effect on students in terms of improvements in their ability to collaborate with others, leading to their holistic development.

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

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

13

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	No File Uploaded

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

32

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

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**2270**

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

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****1930**

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

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****23**

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

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.

VCET is located on a sprawling 5-acre Vidyavardhini's campus. It houses a five-storey building that comprises an instructional area, an administrative block, amenities, and an area for access and circulation.

VCET has 25 well-furnished classrooms with multimedia projectors and internet connectivity. Eight classrooms are equipped with smart boards, and 19 are air-conditioned as well. There are 54 laboratories with state-of-the-art experimental set-ups and software, and 2 workshops. The IT infrastructure features the latest high-performance 800 PCs, 4 servers, a 1224 Mbps internet leased line, and Wi-Fi routers installed on every floor. The central library is housed in a two-story standalone building with a well-furnished, spacious reading hall, book section, and digital library. There are six tutorial rooms and two seminar halls with ICT facilities, each with a seating capacity of 150. One of the seminar halls is equipped with a digital podium. There are 2 conference rooms, a placement office, a counseling room, and a stationary shop cum photocopy center.

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

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

The Student Council and the NSS unit are provided with an activity room. There are two seminar halls with ICT facilities, each with a seating capacity of 150. There is an open-air stage, an air-conditioned auditorium with a capacity of 600, a playground, and a volleyball court. Sports equipment and accessories for both indoor and outdoor activities such as table tennis, carrom, chess, cricket, volleyball, throw ball, football, badminton, etc. are available. The gymnasium is equipped with exercise and fitness equipment like a treadmill and an anaerobic station. A well-furnished canteen and common rooms for boys and girls are also available.

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

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

27

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

27

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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)

709.6

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

"Shri Uddhav Dada Gharat Central Library" of VCET is a G+2 standalone building with a well-furnished, spacious reading hall, open access, a digital library, and qualified and experienced staff. It stands out for its extensive and diverse range of resources.

The Central Library of VCET is automated using Integrated Library Management System (ILMS) software and 'E-Granthalaya' and is integrated into the ERP system. Additionally, the ILMS provides features like book reservations and notifications for home lending transactions via email. The process of issuing and returning books is facilitated by the inclusion of barcode scanning capabilities.

Name of ILMS software: ERP JUNO Campus software

Nature of the automation: Partially

Version: 2021

Year of Automation: March 2013 Started from e-Granthalaya

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

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	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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)**15.78005**

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

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****170**

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure**4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

VCET has a systematized IT infrastructure that is regularly upgraded.

- Computer systems have been enhanced, replacing old desktops with configurations featuring i3 processors ranging from 1 GHz to 3 GHz and increased memory capacity, extending from 1 GB to 4 GB, 8 GB, and even 16 GB. Desktop PCs with i5 or i7 10th 8GB DDR4, SSD, and Nvidia graphic cards are available.
- Computer systems are protected against cyberattacks from public networks using Seqrite 7.4 E.P.S. antivirus protection.
- 10/100 D-Link switches have been replaced with 100/1000 Cisco switches, including SG-200, SG-300, and SG-350 gigabit switches.
- All computers are networked through LAN and VPN to segment network traffic using structured CAT-6 cable.
- The Sophos firewall has been upgraded from the Cyberoam 100iNG PDU to the Sophos XG 330.

- Two high-performance HP servers, each equipped with 16 GB of memory, expandable to 128 GB, have been procured. Additionally, two more servers, a Dell Server Tower model (Power Edge T440) with an Intel Xeon Silver 4210 processor and an HP ProLiant DL 380 Gen 10 with 32 GB of RAM, have been purchased.
- The internet bandwidth has been substantially upgraded to 1224 Mbps. The premise is Wi-Fi-enabled.

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

4.3.2 - Number of Computers

758

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

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)

233.35

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

Laboratories:

Equipment in a laboratory undergoes periodic maintenance. Minor repairs are carried out by the technical staff. Major repairs are outsourced by following the procedure of the Institute. Dead stock, Consumable and Repair Registers are maintained. Calibration of equipment is done regularly. Equipment and systems under warranty period are serviced by seller/distributor/vendor either on campus or sent to a concerned workshop.

Computers:

PCs health cards are maintained in all laboratories for keeping record of maintenance of PCs. Software upgradation is done regularly, and all PCs are protected with antivirus.

Library: Regular book binding is carried out for worn out books to increase their usage and life.

Sports Facility: Sports committee headed by Sports In-charge and faculty takes necessary decisions for maintaining gymkhana on a regular basis.

Physical and Support facilities and other resources:

Annual Maintenance Contracts are given for cleaning of classrooms, drawing halls, laboratory, toilet blocks and washrooms. Carpenter, electrician, plumber, etc. are appointed for maintenance related issues. Water tank cleaning and A.C. servicing is done quarterly. Photocopy, scanning, etc. are serviced on a timely basis. Lift, Fire extinguishers are under Annual maintenance Contract. Maintenance of CCTV is done by the in-house employee.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
STUDENT SUPPORT AND PROGRESSION	
5.1 - Student Support	
5.1.1 - Number of students 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	
1209	
File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File
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 benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year	
0	
File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

<p>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</p>	<p>A. All of the above</p>
--	-----------------------------------

File Description	Documents
Link to institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

1857

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

1857

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

<p>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</p>	<p>A. All of the above</p>
--	-----------------------------------

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

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

246

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

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

23

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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**60**

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

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.

21

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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)

VCET cultivates leadership aspirations among its young generation through a variety of activities.

A. Administrative Engagement:

Students actively participate in administrative bodies such as the College Development Committee, Internal Quality Assurance Cell, Department Advisory Board, and Grievance Redressal Committee, etc. This inclusion aims to incorporate student perspectives into decision-making processes, addressing personal, social, and academic

concerns, thus contributing to institutional growth.

B. Academic Involvement:

The Institute hosts numerous student chapters and associations like ISHRAE, IEEE, IETE, CSI, VMEA, IGBC, etc. promoting technical and scientific exploration through activities like presentations and competitions. Notable events include product showcases and national project exhibitions, fostering a culture of innovation and skill development.

C. Non-Academic Participation:

Students engage in a plethora of extracurricular activities through committees like TAP-Cell, E-Cell, etc. These committees support career development, entrepreneurship, social responsibility, and skill enhancement, organizing events like recruitment drives, expert lectures, and awareness campaigns.

D. Student Council/Sports Committee/Literati Committee/ NSS Committee:

Moreover, the Institute encourages involvement in the Student Council, Sports Committee, Literati Committee, and NSS Committee, providing platforms for cultural, sports, literary, and community service activities. These committees host various events aimed at fostering leadership, social skills, and holistic development among students.

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

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

41

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
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)	View File

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

The VCET Alumni Association was formed in 2003 to facilitate regular engagement and collaboration with alumni. It is registered with the Assistant Registrar of Societies, Thane Region (Registration Number: MAH/2133/2018/Thane) .

Graduate students are encouraged to register for the Alumni Association through the registration form available on the website. It has about 7,400 registered members.

Alumni have significantly contributed to the development of VCET in the following ways:

1. Being significant stakeholders, they offer input on the vision and mission, PEOs, PSOs, and the curriculum.
2. Mentors to students by providing career counseling, placement, and internship opportunities.
3. Deliver expert sessions and conduct workshops.
4. They are involved in collaborative student projects.
5. They are members of the Governing Council, the Internal Quality Assurance Cell, the department advisory board, etc.
6. They contribute to the activities of various student clubs in the form of technical and financial assistance.

The following table enlists the number of seminars, workshops, projects supervised, and internships provided by alumni:

Year

No. meetings conducted

No. of Seminars/Workshops conducted

No. of project guided/ internships offered

2022-23

6

32

36

Thus, VCET's alumni stand by their testaments as ambassadors of VCET, highlighting its accomplishments and enhancing its favorable public perception.

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

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

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The vision and mission of VCET are framed and appraised as per the skilled man-power needs of the industry and to explore the potential of youth in the rural areas of Palghar.

The governance is effectively designed as per the guidelines given by apex bodies, statutory and regulatory authorities. To achieve the vision and mission, leadership is ensured through a well-defined organizational structure. The governance and management of the VCET are transparent, hierarchical, decentralized, and participatory. The management has delegated the power and authority to the Principal to take decisions and execute them. The governing body and the Principal jointly work towards designing and implementing quality policies.

The Principal is supported by the Deans, HODs, and sectional heads to achieve the set goals and objectives of becoming a valuable resource for industry and society. There are various statutory and non-statutory committees that assist in ensuring effective governance. The Principal forms the committees for the overall management of the various operations under the convenorship of faculty. These committees include non-teaching staff, students, industry representatives, and subject experts.

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

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

The governance and management of the VCET are transparent, hierarchical, decentralized, and participatory. The management has delegated the power and authority to the Principal to take decisions and execute them. The governing body and the Principal jointly work towards designing and implementing quality policies.

The Principal is supported by the Deans, HODs, and sectional heads. There are various statutory and non-statutory committees that assist in ensuring effective governance. The Principal forms the committees for the overall management of the various operations under the convenorship of faculty. These committees include non-teaching staff, students, industry representatives, and subject experts.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

VCET's vision and mission drive perspective plans across academic, administrative, research, and development domains. The Principal and section heads lead strategy implementation. Periodic evaluations by committees, including the IQAC, ensure alignment with objectives.

Perspective plans are deployed in various ways:

1. Facilities such as classrooms, laboratories, and library are modernized for the promotion of ICT tools.
2. Outreach activities and the organization of numerous seminars and workshops on emerging technologies are the two ways that students' capacities are built.
3. Industry institute interaction is increased through the activities of the industry institute interaction cell, internships, refresher programs, Udyam Saman, industrial visits, and E-cell activities and MoU with Tarapur Management Association, Vasai Industries Association, and Saturday Club Global Trust.
4. Four UG programs, namely, Mechanical Engineering, Electronics and Telecommunication Engineering, Computer Engineering, and, Information Technology, have been accredited by NBA, and SAR is submitted for the UG program in Civil Engineering.
5. Postgraduate program, M.E. in Civil Engineering (Structural Engineering) and the postgraduate course in Master of Management Studies (MMS) are commenced.
6. Implementation of an ERP system has been done.
7. Texas Instruments and Siemens have helped VCET to establish center of excellence laboratories for imparting hands-on training and internships.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

In addition to the governing body, VCET has several statutory and other committees (such as the Institute Academic Council, Academic Administrative Committee, Department Advisory Boards, Purchase Scrutiny Committee, Internal Complaint Committee, Anti-ragging Committee, Internal Quality Assurance Committee, etc.) assigned to administer various academic and administrative activities.

Heads of the departments decentralize the responsibilities for the implementation of the curriculum, conduct DAB meetings, planning of semesters, preparation of academic and activity calendars, conduct of theory lectures and practical, faculty and student development programs, co-curricular and extracurricular activities for students, conduct of feedback from all stakeholders, and take corrective and preventive actions for continual improvement.

The HR policy, accessible on the VCET website, delineates procedures for recruitment, selection, induction, code of conduct, and internal promotion policies, fostering coherence and clarity in administrative processes.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	No File Uploaded

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	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The Institute has implemented welfare measures for all VCET employees. The major welfare measures are:

1. Group insurance scheme
2. Payment of gratuity
3. Employees provident fund
4. Maternity leave
5. Special medical leave
6. Funding for staff get-togethers
7. Counselor facility
8. Doctor on call
9. Advance against salary for employees
10. Concession in tuition fees for the wards of employees
11. Uniforms for Class IV employees

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

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

84

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

15

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

83

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

VCET has a well-defined procedure for yearly faculty performance appraisal based on the Academic Performance Index.

Academic performance for faculty is evaluated using criteria like student results, innovative teaching-learning approaches, course feedback, student mentorship, etc. The research component focuses on faculty development programs, training program engagement, research and publications, consultancy, and so on. Also, administrative and other duties performed at the departmental and institutional levels are accounted for.

Appraisals for non-teaching staff are based on job competency, general intelligence, discipline, and timeliness, as well as participation in non-routine tasks.

The HOD evaluates the appraisal forms and forwards them to Principal office for the final assessment. The HOD and Principal conduct one-on-one discussions with the faculty, and observations are communicated for further improvement. The evaluation is considered for increment, promotion, and regularization of employee.

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly 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

VCET has appointed M/S Sarika Shetty & Associate as an internal auditor and M/S M R Padhye & Company as an external auditor.

Process of the internal audit:

- Qualified and certified internal auditors are appointed to conduct the audit regularly.
- The auditors perform the audit on:
 - All payments, receipts, and journal vouchers of the transactions, cash book, ledger account, and all bank accounts
 - The income and expenditure statement, balance sheet, and depreciation statement are prepared by the accounts department and verified by the internal and external auditors.

Process of the external audit:

- The accounts of VCET are audited by a chartered accountant regularly.
- The auditor ensures that all payments are duly authorized after the audit, and the report is sent to the management for review.
- Any queries in the process of auditing are addressed immediately, along with the supporting documents, within the prescribed time limits.
- As an act of transparency, the audited financial statements are published on VCET website and also sent to the statutory and regulatory bodies.
- VCET did not come across any major audit objections during the preceding years.

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

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)

8.46

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

Finance manual of VCET provides clear guidelines on budgeting, expenditures, and financial authority for Principal and Department heads. Department heads submit budget proposals to the Principal with justifications. These are consolidated by the Principal, department heads, registrar, and accountant. The accounts department then synthesizes these inputs and prepares the budget for each financial year, accounting for both recurring and non-recurring expenses.

The budget undergoes approval by the College Development Committee (CDC) and Governing Council (GC), incorporating any additional provisions. The purchase scrutiny committee, led by the Dean and HODs, adheres to a systematic process for acquiring laboratory equipment, ensuring optimal financial utilization.

The GC, along with the Principal and the CDC, diligently supervises fund mobilization and resource allocation. This coordinated approach ensures efficient financial management, fostering progress and alignment with the VCET's goals.

The funds allotted are utilized for infrastructure development, salary, grants for promoting research, student technical activities, placement and training activities, procuring ICT tools, green campus initiatives, extension activities, transport, maintenance, welfare measures, and the purchase of library resources, sports and cultural activities, etc. Financial support is also provided for seminars, workshops, faculty development programs, and conferences. Scholarships and Aid are provided to economically challenged students.

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

6.5 - Internal Quality Assurance System

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

IQAC has been a central agency in the institution for assimilation of data, planning & execution of several development activities and promotion of quality culture institution wide.

The key contributions by the IQAC for Institutionalizing the quality assurance strategies and process are:

- **Experts from reputed Institutes were invited to guide the faculty on various aspects of Outcome Based Education and NBA, NAAC Accreditation, implementation of examination reforms, etc. Orientation programmes were carried out for newly joined faculty regarding the same.**
- **ISTE Approved STTP on Reforms and Innovations in Examination System to acclimatize the faculty with the examination reforms and prepare them to design question papers to test higher order, abilities and skills of the engineering students**
- **Academic audits of all the Departments were conducted by experienced educators from reputed Institutes.**
- **Intra Institutional Internships were taken by various centre of excellence during the summer and winter vacations.**
- **FDP on Mentoring the Youth and student mentoring were carried out to train the faculty regarding effectively handling the academic, emotional issues of the students and facilitate them for their overall development.**

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

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 Institute takes efforts to bring about continual improvement in all the processes in academic and administrative front. Two examples of enhancement initiatives are:

Academic:

Faculty training: ISTE Approved STTP on Reforms and Innovations in Examination System to acclimatize the faculty with the examination reforms and prepare them to design question papers to test higher order, abilities and skills of the engineering students. Experts from reputed Institutes were invited to guide the faculty on various aspects of Outcome Based Education and NBA, NAAC Accreditation, implementation of examination reforms, etc. Orientation programmes were carried out for newly joined faculty regarding the same. Mentoring session on life skills by professional counsellor. FDP on Mentoring the Youth and student mentoring was conducted.

Experiential Learning and Industry Institute Interaction: The Institute hosted 'Vidyavardhini's National Project Showcase' and Oscillations: Technical Paper Presentation competition. The Institute has 47 MoU with prestigious companies. Industry meet 'Udhyam Samman 2.0' was organised.

Infrastructure/Administrative:

IT Infrastructure: Purchase of 100 PCs with Core i5 processor and 40 PCs with Core i5 processor and graphic card. 25 i7 laptops were purchased for faculty.

Internet facility: Internet bandwidth was upgraded from 300 Mbps to 600 Mbps

Infrastructure enhancement: Classrooms, Lift, canteen facility were renovated.

Green Initiative: The Energy and Green audit are also done.

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

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)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender Audit: VCET conducts a gender audit to assess and enhance the academic and social environment for inclusivity and equal opportunities.

Safety and Security measures include professional security service is provided 24x7 , lady security guard , CCTV surveillance, etc.

Counseling: To support students and faculty in dealing with their emotional issues, a professional counselor is available on campus.

Common room: VCET has well-furnished common rooms for boys and girls. A vending machine for sanitary napkins is also available in the girls' common room.

: VCET has constituted the ICC with the objective of:

- Evolve a mechanism for the prevention and redressal of sexual harassment cases and other acts of gender-based violence at

the institute.

- Uphold the commitment of the institute to provide an environment free of gender-based discrimination.

Composition of committees and events: Gender equality policies are introduced in all facets of the academic system, including the composition of all statutory, non-statutory, technical, and non-technical committees, project groups, etc.

Awareness activities: The Internal Complaint Committee (ICC) and the National Service Scheme unit organize sensitization and awareness events such as Poster Presentation, Seminars, Workshops on self-defense, International Women's Day celebrations, etc.

File Description	Documents
Annual gender sensitization action plan	Nil
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	Nil

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	B. Any 3 of the above
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File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

Solid waste management:

The Institute strongly promotes the principles of 3 R's i.e. Reduce, Reuse and Recycle and takes possible initiatives to inculcate the

same among students and staff to minimize waste generation. Being an educational Institute, hazardous waste or e-waste is not significantly generated. Adequate measures are in place to manage the solid waste. Biodegradable wastes from the college canteen, dead leaves from the trees and other solid waste are managed thoughtfully. The green waste is collected in the pit and processed for composting. The manure is used for the plants in the gardens. Paper waste are sold to licensed purchasers.

Liquid waste management:

Being a Technical Institute, hazardous waste from chemicals and acids are minimal in the Chemistry laboratory. However, utmost care is ensured to dilute the concentrated solutions before their disposal.

Appropriate measures are taken to dispose of toxic wastes.

E-waste management:

E-waste such as computers, printers, CPUs, electrical and electronic assemblies collected from various departments are sorted and are either disposed in safe manner through the authorized vendor or exchanged during the new purchase. Almost all equipment is used to its fullest, by permitting usage of its parts in other suitable equipment or in student's projects.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	https://drive.google.com/file/d/1PZMQbwU87CAFBTfOtd00iileKKbYD6nC/view?usp=sharing
Any other relevant information	View File

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

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. Landscaping with trees and plants**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	No File Uploaded

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

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

A. Any 4 or all of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment

B. Any 3 of the above

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

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

VCET has various clubs and committees with members of diverse backgrounds who come together in harmony to organize a diverse range of activities.

Student Council: The Student Council organizes a multitude of activities and events that celebrate cultural and regional diversity.

Sports Committee: The events in the sports festival also cultivate tolerance and harmony by exhibiting teamwork and sportsman spirit.

Literati Club: Literati events at VCET serve as pivotal platforms for nurturing regional, linguistic, and socioeconomic diversity.

National Service Scheme (NSS): By engaging students and employees in diverse initiatives, NSS promotes understanding and appreciation for cultural, regional, linguistic, socioeconomic, and communal diversity.

Apart from this, the Ek Bharat Shreshtha Bharat (EBSB) club has organized events such as cultural quiz, Makar Sankranti, poster-making, etc. to promote awareness about culture and tradition. The first-year induction program also orients students about communal socioeconomic diversity.

VCET always encourages the students to organize and participate in different programs organized by other colleges, universities, government, and non-government organizations.

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

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

Every year the Institute organizes activities to generate Human Values & Ethics for staff and students. The curriculum of University of Mumbai includes the courses like Business Communication & Ethics (TE, Electronics & Telecommunication Engineering, Information Technology, Computer Engineering), Cryptography & System Security (BE, Computer Engineering) and Digital Forensics (BE, Computer Engineering, Information Technology, AI&DS, CSE&DS) which makes the students aware of the Professional Ethics. Co-Curricular/Extra-Curricular activities are organized to promote these values. Student needs are catered through Minority cell, OBC cell, SC/ST cell etc. Fostering entrepreneurship skills and channelize the competencies amongst students is done through Entrepreneurship cell. Plagiarism check of project reports is done using Turnitin software.

Some of the organized events are as follows:

- National Unity Day
- Constitution Day
- Republic Day
- Blood Donation
- Mega Donation Distribution
- Independence Day celebration
- Environment Day
- Induction Program: During the Induction Program and other activities throughout the year, students are introduced to

values, rights, duties, and responsibilities as citizens of India. They are made aware of the code of ethics, human values, and their role in upholding the constitutional principles.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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	View File
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	No File Uploaded
Any other relevant information	No File Uploaded

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

Institution celebrates / organizes national and international commemorative days, events and festivals. The list of events is as follows:

Commemorative Days and Events:

- **Independence Day**

- Republic Day
- National Unity Day
- Constitution Day
- National Youth Day
- Teachers Day
- Shivrajyabhishek Day

Festivals and Special Events that were organised include:

- Marathi Bhasha Diwas
- Mega Donation Camp
- Blood donation
- 75th Azadi ka Amrit Mahatsov
- Rashtragaan

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practice 1

Title: Transforming Students into Technically Competent Professionals

Objectives:

- Provide a technologically inspiring environment.
- Foster Industry-Institute Interaction.
- Create learning opportunities.
- Promote competency testing.

Context:

Bridging the gap between theory and practice is essential for students to excel in their careers.

Practices:

Integrating curriculum with projects, facilitates industry collaboration, and hosts technical events, workshops, hackathon, etc.

Evidence of Success:

Notable achievements include finalists in Smart India Hackathon, ASEAN India Hackathon runner-up, Formula Bharat competitions, etc.

Challenges and Resources:

- Infrastructure and funding, availability of industry expert.
- Motivating student participation.

Best Practice 2

Title: Soft Skill Development

Objectives:

- Foster effective communication skills.
- Enhance leadership capabilities.
- Cultivate teamwork and collaboration skills.

Context:

Empowering students from diverse backgrounds with soft skills opens up a wide range of career opportunities.

Practice:

- Soft skill assessment
- Focus areas include writing, teamwork, and leadership skills.
- Multidisciplinary approach through student chapters and cultural activities.
- Campus Recruitment Training.
- Language Lab

Evidence of Success:

- Improved interpersonal and communication skills demonstrated through: participation in paper presentations and publications.

- Students exhibit leadership and teamwork in competitions

Challenges and Resources:

- Diverse learning levels, hesitation in expression, stage fright, and articulation difficulties.
- Resources such as training materials, expert guidance, and language labs

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	No File Uploaded

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

VCET offers a plethora of opportunities for students and faculty to enhance their skills, ensuring their relevance to industry and societal needs. VCET has implemented various capacity-building initiatives aimed at nurturing the overall personality of the students and enhancing the technical competencies of faculty, supported by the institute's infrastructure and financial resources.

Capacity-building initiatives for students

The various capacity-building initiatives for students include:

- Curriculum Enhancement
- Events for bridging the Emerging Technology Skill Gap
- Initiative to develop Research Aptitude
- Programs to develop students as Competent Professional
- Social Responsibility and Sustainable Development programs
- Social Skills initiatives

VCET recognizes students' academic achievements, technical proficiency, research, leadership, and contribution to the institute and society through the Best Outgoing Student award.

Capacity-building initiatives for faculty

The various capacity-building initiatives for faculty include:

- FDPs on effective teaching-learning skills
- Skill Upgradation and Industry Connect
- Holistic faculty empowerment avenues

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- All-round development of students to make them responsible citizens.
- Pedagogy and outcome-based education training for faculty
- Enhancing a research culture in the institute
- Establishment of Industry-Sponsored laboratories
- Promoting faculty to pursue PhDs in relevant areas
- Augmentation/Upgradation in physical and IT infrastructure
- Increase Industry-Institute Interaction
- Laboratory Infrastructure