YEARLY STATUS REPORT - 2020-2021

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	Harish V. Vankudre
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02502350988
• Mobile No:	8788661691
• Registered e-mail	vcet_inbox@vcet.edu.in
• Alternate e-mail	principal@vcet.edu.in
• Address	K. T. Marg, Vasai Road (W), Dist. Palghar
• City/Town	Vasai
• State/UT	Maharashtra
• Pin Code	401202
2.Institutional status	
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing

• Name of the Affiliating University	**Mumbai University**
• Name of the IQAC Coordinator	**Dr. Megha Trivedi**
• Phone No.	**02502338234**
• Alternate phone No.	**02502338234**
• Mobile	**9764197184**
• 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/2022/03/AQAR_2019-20.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/2022/01/acad-Even-sem-21-22.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
nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**	
• Upload latest notification of formation of IQAC	View File	

9.No. of IQAC meetings held during the year	**4**

• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	**Yes**

• 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**
• If yes, mention the amount	

11.Significant contributions made by IQAC during the current year (maximum five bullets)

Devising Internship policy of the Institute

Revision of Course Feedback

Academic audits of all the Departments

Guidance sessions on Outcome Based Education and NBA SAR by Experts from reputed Institutes

Devising Teachers Training policy of the Institute

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
Application for NBA Accreditation	**NBA Accreditation of 4 programs viz. Mechanical Engineering, Electronics & Telecommunication Engineering, Computer Engineering and Information Technology**
Application for NIRF ranking	**Application for NIRF ranking was filed on 10/02/2022**
Upgradation of IT Infrastructure	**PC Upgradation in Information Technology Department**

13.Whether the AQAR was placed before statutory body?	**Yes**

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	11/03/2021

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020	11/01/2020

15.Multidisciplinary / interdisciplinary

16.Academic bank of credits (ABC):

17.Skill development:

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

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

20.Distance education/online education:

Extended Profile

1.Programme

1.1   491

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

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **1820**

Number of students during the year

File Description	Documents
Data Template	[View File](#)

2.2   **114**

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   **477**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1   **95**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File](#)

3.2   **81**

Number of Sanctioned posts during the year

Extended Profile

1.Programme

1.1	**491**
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	[View File](#)

2.Student

2.1	**1820**
Number of students during the year	

File Description	Documents
Data Template	[View File](#)

2.2	**114**
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	**477**
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1	**95**
Number of full time teachers during the year	

File Description	Documents
Data Template	[View File](#)

3.2 Number of Sanctioned posts during the year	81

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1 Total number of Classrooms and Seminar halls	26
4.2 Total expenditure excluding salary during the year (INR in lakhs)	413.43
4.3 Total number of computers on campus for academic purposes	698

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 Institute is prepared semester-wise in line with that of the University of Mumbai. It is approved by Dean-Academics and Principal. The tentative 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.

Any change in schedule is permitted after due deliberation in HOD meeting with Principal. Various assessment tools like Internal Assessments, Quizzes, Assignments, Tutorials, Experiments,

Seminar, Course Project, Case Study, Course Exit Survey, etc., are used as a part of In-Semester evaluation as per the requirement of the course.

File Description	Documents
Upload relevant supporting documents	View File
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

8

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)

10

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)	<u>View File</u>

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

939

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

939

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

1.3 - Curriculum Enrichment

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

Institute takes efforts to addresses issues of Professional Ethics, Gender, Human Values, Environment and Sustainability awareness among staff and students through Curriculum, Co-Curricular and Extra-Curricular activities.

Various courses in the Curriculum which address these issues are tabulated below:

Table 1.3.1 Courses relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics

Sr. No.

Issues

Student Level and Program Name

Courses

1

Gender & Human Values

F.E. (Applied Science and Humanities)

Professional Communication and Ethics

T.E. (All Branches)

Project Management

2

Environment & Sustainability

B.E. (All Branches)

Environmental Management

Energy Audit and Management

Disaster Management and Mitigation Measure

B.E. (Mechanical Engineering)

Renewable Energy Systems

B.E. (Instrumentation)

Functional Safety

B.E. (Civil)

Solid Waste Management

Industrial Waste Treatment

3

Professional Ethics

T.E. (All Branches)

Business Communication And Ethics

T.E. (Computer Engineering)

Cryptography And System Security

T.E. (IT)

Cryptography & Network

Security

B.E. (All Branches)

Professional Ethics and Corporate Social Responsibility

Cyber Security and Laws

B.E. (IT)

Digital Forensics

B.E.(Computer Engineering)

Advance System Security & Digital Forensics

B.E. (Civil)

Entrepreneurship Development and Management

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	View File

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

10

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

914

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)	<u>View File</u>
Any additional information(Upload)	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	<u>View File</u>
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

443

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	<u>View File</u>

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

97

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:

Sr. No.

Criteria

(Based on result of previous semester)

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 provided by mentors/ course teacher, 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 curriculum/extra curriculum activities.

Average learners:

The objective is to improve student's CGPA and academic performance. Students are encouraged participate in curriculum/extra curriculum activities and enroll for online courses. This is a continuous process which improves the learner's overall performance.

Advanced learners:

Advanced learners are encouraged to participate in technical competitions, technical paper presentations, workshops, entrepreneurship development programs, competitive exams, research activities etc. The students are groomed with professional guidance to imbibe employability skills.

Best Outgoing Student award is presented to one of the Final year student who excels academics and co-curricular/extra- curricular 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
1820	95

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

At VCET we believe in Student Centric teaching-learning process.

Experiential Learning: Students are asked to survey for minor and major projects as per curriculum. Project selection includes the originality of an idea, the social impact, the papers referred from reputed journals or conferences. Students are encouraged to implement Industrial/Societal projects. One of the best practices initiated by Institute is "Product Showcase". It is a platform for students to showcase their projects in front of delegates from various industry/organizations. Students demonstrate their project/product to the peers and visitors as well.

Participative Learning: The Institute has various student chapters of national and international professional societies viz., IEEE, ISA, CSI, IETE, VMEA, ISHRAE, CESA. This conducts various technical events, symposiums workshops, seminars, industry expert talks, interaction with alumni on emerging area etc.

Collaborative Learning: Institute encourages students to form self-motivated peer groups such as Team Ethan, Team Solecthon, Quad Bike. Every year students engage in design and development activities and apply their technical knowledge to create practical models. Infrastructural, financial and mentoring assistance is provided to the students to pursue these 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

Institute has implemented most of our teaching learning processes through various ICT platforms in 2020-21.Students can access course materials, lecture recordings, attempt quizzes/ tests/ surveys and submit assignments/ tutorials for assessment through online/ cloud based academic management systems. Many faculty members employ the flipped classroom concept thus promoting self-learning. The Institute promotes the use of e-resources/e-books which besides augmenting subject knowledge offers the advantage of

being eco-friendly as well. The central library of the institute also has the facility to access various e-resources like e-books and e-journals. Students are encouraged to use the digital library for additional technical content.

In order to achieve Outcome-Based Education (OBE), faculty members and students take up MOOCs, NPTEL and Coursera certification courses. Scholarship for successful completion of NPTEL courses is also availed by many of our students.

The Institute has always motivated to use ICT by providing a favourable environment and infrastructure. ICT enabled Seminar room with recording facility, class-rooms with smart board and projector, internet connectivity and laptops has helped faculty members to create e-content and provided to students.

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

77

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

95

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

14

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

882

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 Assessment dates are communicated to the students at the beginning of every semester through the Academic Calendar. Internal Assessment(IA) exams are conducted on centralized level with a committee comprising of HODs and exam in-charges of each department. In each semester two Internal Assessment exams are conducted as per university guidelines and average of both the IA marks are considered.

Question Papers:

The syllabus for IA exam along with the course outcomes(CO) addressed through it is displayed on the Notice Board. Question papers are framed in a common format in alignment with CO and BT levels.

- Question paper with evaluation scheme is submitted to Internal Assessment Monitoring Committee(IAMC).

- IAMC checks all necessary measures such as CO coverage, the difficulty level of question papers and the cognitive level covered. If question paper is satisfactory it is approved, and paper is sent for printing and submitted to exam Coordinator.
- Evaluation:

Exams are conducted as per schedule and the assessment is carried out centrally. Model answers and evaluation scheme are submitted to exam coordinator. Assessed papers are distributed to students, question paper and answers along with evaluation scheme are discussed with students.

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

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 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 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.

Institute adheres to the Programme Outcomes(POs) as specified in the Washington Accord adopted by the National Board of Accreditation. Each programme has defined Programme Educational Objectives(PEOs) and Programme Specific Outcomes(PSOs). The Institute follows the guidelines defined by NBA to formulate PSOs, PEOs and COs. These POs, PEOs and PSOs are explained to the students at the beginning of the semester. These POs, PEOs and PSOs are displayed on

- College website
- Department Office
- Course booklet of each course
- Department notice board.
- All laboratories.

The Institute is affiliated with the University of Mumbai and follows the syllabus set by the university. The University of Mumbai has adopted a Choice Based Credit and Grading System (CBCGS) with effect from the academic year 2016-17 (REV-2016). To fulfil the objectives of the student-centric approach of teaching-learning, Course Objectives and Course Outcomes are defined by the

respective faculty member in consolation with the domain experts. Students are briefed about the COs by respective faculty members in the introductory lecture(s) of the course. They are also mentioned in the course booklets. These COs of all courses of each department are also published on the college website.

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 main objective of Outcome Based Education (OBE) is to inculcate Program Outcomes(POs) and Program Specific Outcomes(PSOs) in to graduating students. Hence, the assessment of POs and PSOs is an integral part of evaluating the quality of OBE system. The Course Outcomes(CO) contribute to the assessment of POs and PSOs as a part of In-Semester and End-Semester assessment.

COs of each course are defined and mapped with the POs and PSOs and evaluated using assessment tools like Internal Assessments, Quizzes, Assignments, Tutorials, Experiments, Seminars, Projects, Case Study, Course Exit Survey, etc., as a part of In-Semester evaluation. All COs are assessed collectively using tools like End Semester Exam, Term Work, Oral, and/or Practical Examination. The internal evaluation has a 20% weightage and external evaluation has an 80% weightage to calculate the attainment of a CO. After calculating the Overall CO Attainment, it is compared with the target value to check if the target is achieved or not. The student's performance in various assessments is critically analyzed, and corrective actions are planned for the next year.

POs and PSOs are evaluated by direct assessment tools such as In-Semester evaluation, and End- Semester evaluation and Indirect assessment tool like Course Exit Survey.

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

477

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
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)

<u>https://vcet.edu.in/wp-content/uploads/2022/05/2020_2021-Student-Satisfaction-Survey-Report.pdf</u>

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)

Nil

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)	<u>View File</u>

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

0

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
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

79

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)	<u>View File</u>

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

4

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

19

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

The Institute aims for holisticdevelopment of students. To achieve this various platforms are available for students.To strengthen development towards sensitizing social issues students are actively involved in activities like teaching campaigns, solar energy workshops, rain water harvesting, quality drinking water survey, socio economic survey, mega donation camp programs. Also programs like Swatch Bharat Abhiyan, Aids awareness, Gender Issues are organized in collaboration with NGOs. Students create awareness among society with different key topics like Do's and Don'ts for COVID 19, Fit India Campaign, and Impact of Tobacco on human lives where students had a dialogue with the citizens and resolved their queries. Various Webinars and expert talks by NGO activists to improve way of thinking by giving exposure to real

life problems. Blood donation camps are regularly organized where students and faculty members actively participate in blood donation. Various webinars and workshops organized during COVID 19 for all stakeholders. These activities are helpful for the students to become responsible citizens and understand fundamental rights and duties. This also motivated students to master their skills to organize the various programs, coordination amongst volunteers, hospitality to the guests etc.

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	<u>View File</u>
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

26

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)	<u>View File</u>

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

1478

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)	<u>View File</u>

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

900

File Description	Documents
e-copies of linkage related Document	**No File Uploaded**
Details of linkages with institutions/industries for internship (Data Template)	<u>View File</u>
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

52

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.

The Institute has 5 acres of land which is two times of the stated AICTE norms for urban areas with a G+5 storied building with 14193 sq.m built up area. It includes 8531 sq.m instructional area, 560 sq.m, administrative area, 1392 sq.m amenities and 3512 sq.m access and circulation area. The Institute has upgraded to modern teaching aids as such all classrooms are equipped with ICT facilities. All laboratories are well furnished and equipped with the latest experimental hardware and software. The Institute has upgraded to 100 MbPS of leased line to cater the internet needs and installing wifi routers are installed on each floor to provide access the internet. Each classroom is provided with multimedia projector and internet access. Each faculty member is provided with a laptop and each department is provided with portable public address system. The Institute possesses a fully air-conditioned auditorium and two seminar halls with ICT facilities. Access to e-books, e-journals, database, adequate reference books on relevant topics and journals is made through the central library which also has a well-furnished spacious reading hall. Photocopy machine is installed in the library.

File Description	Documents
Upload any additional information	View File
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 Institute possesses an air-conditioned auditorium of trust and two seminar halls. They are used for conducting seminars, workshops, conferences, cultural events and co-curricular activities. The Institute is equipped with ample sports equipment and facilities for the sports enthusiasts. It is furnished with equipment pertaining to Table Tennis, Carrom, Chess, Cricket, Volleyball, Throw ball, Football, Kabaddi, KhoKho, Badminton and several other indoor/outdoor sports. Though a majority of sports events are conducted within the college campus, the Institute hires 'Chimaji Appa Ground' for smooth conduction of Overarm Cricket and Athletics during the Annual Sports Festival. A spectrum of literary events ranging from Kavi Sammelan to Debate Competitions is also organized. Institute actively celebrates Yoga Day, Teachers Day, Republic Day, Marathi Bhasha Divas, Swachata Pakhwada, Independence Day and several other days with enthusiastic participation from both teachers and students. To broaden the domain of their capabilities, the students are encouraged and provided with the funds to participate in several inter-collegiate events.

Various programs are carried out by the NSS where students get the opportunity to interact with society to understand the challenges and problems these people are facing on a daily basis. Under NSS various programs are organised to facilitate the society.

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.

24

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

24

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)

310.58

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)

Central Library is partially automated using Integrated Library Management System (ILMS). ILMS software ERP JUNO Campus Software, through which books can be searched by Author's name, Title, Accession no, Publisher Name etc. Library has 32736 books, Including book bank books. Various printed journals are also available in the library. Central library has maintained all the previous year's syllabus since 1994 for Alumni reference purposes. Also previous years question papers are available for reference. Daily popular newspapers in Marathi & English including Employment News and technical journals available for reading and home lending.

There is a separate reference section for weekly/monthly magazines and journals like Competitive Success Review, Economics &

Political Weekly, Kurukshetra, Lokrajya, Yojna published by the Government of Maharashtra and few books for preparation of various competitive exams are also available. The Area of Library is 448.12 sq.m with a spacious reading hall with a capacity of 150 students, in addition to that the library also has a decent collection of Marathi and English novels.

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	View File
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)

8.11083

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

76

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

The Institute has upgraded from Symantec antivirus 12.1 to 14.1. D-link/ switches have been replaced by Ciscos SG-200 and 300 giga switches. Structured cabling is upgraded to CAT6 from previous CAT5 enabling system upgradation from 10/100 to 100/1000 network. Symantec antivirus 14.1 is upgraded to Seqrite 7.2 E.P.S Sophos Firewall upgraded from Cyber-roam 100ING to Sophos XG 330.

The upgradation of Computers is taken by replacing old desktops with configurations such as 1 GHZ-3 GHZ core I3 processor. Memory has been upgraded from 1 GB to 4GB/8GB. Two HP servers with 16 GB memory each have been purchased which are scalable up to 128 GB Memory and one workstation of 128 GB memory. Internet bandwidth is upgraded to 100Mbps.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

698

File Description	Documents
Upload any additional information	**No File Uploaded**
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

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)

102.86

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 based. 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/distributer/vendor either on campus or sent to concerned workshop.

Computers:

PCs health cards are maintained in all laboratories for keeping record of maintenance of PC. 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 Contract 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 timely basis. Lift, Fire extinguisher 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

869

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

911

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](#)

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

A. All of the above

File Description	Documents
Link to institutional website	**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

3294

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

3294

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	**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

199

File Description	Documents
Self-attested list of students placed	[View File](#)
Upload any additional information	[View File](#)

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

35

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

51

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.

18

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)

- **Student Council**

Students' Council looks out for all the student-oriented activities to promote cultural activities and provide the students with opportunities to develop leadership, social responsibility, citizenship, volunteerism, and employment experience.

- **Activity of Sports Committee**

The Institute sports committee is responsible for organizing

sports activities. It also manages and looks after the required sports equipment and upgrades the facility.

- Students Chapter/Technical Committee/NSS/Literati Committee

Under the mentorship of the faculty advisors, local students chapters such as VMEA, ISHARE, CSI, IEEE. CESA, etc. organize various co-curricular events. The events of NSS are planned and executed by a team of students under the guidance of the faculty coordinator. Literati Committee manages the publishing of Annual Magazine.

- Students Representation on Administrative Bodies

The representation of the students in the Internal Quality Assurance Committee (IQAC), College Development Committee (CDC), and Department Advisory Board (DAB) facilitates toenhance the academic as well as administrative growth of the Institution. Students also have a representation in Student Grievance Redressal Committee.

- Other

Students have active involvement in the activities of ECell, Placement and Training Cell, Women Empowerment Cell, etc. Every class has a student representative to assist in the coordination of activities.

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

11

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 is registered with The Assistant Registrar of Societies, Thane Region. The registration number is MAH/2133/2018/THANE.

The students register themselves as a member of VCET Alumni Association during the end of their final semester. Distinguished alumni are invited as guest lecturers for seminars, workshops, etc. to share their experience about the latest trend in industry. It helps the current students to get acquainted with recent technologies through the expertise of the Alumni. They are also invited to serve as major project co-guide and external project examiners for University examination.

An alumni meet is organized every year. Alumni are contacted through various social media like Facebook, WhatsApp, etc. and also invited through personal emails. The date of the alumni meet is floated on the Institute website. The alumni are appealed to register online for the same. The meet comprises a welcome program, Interaction, entertainment programs like singing, dancing followed by dinner. Feedback is also taken during this occasion. There is an interactive session between faculty and alumni wherein their views and suggestions are noted for betterment of the Institute. This interaction improves industry contacts for placement, project and internship.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

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

Nature of Governance and Leadership

The Governing Council of Vidyavardhini's, is responsible for policy decision related to infrastructure, financial management, human resource planning and recruitment. The budgeting decision is recommended by the College Development Committee, and eventually approved by Governing Council. The Institute has constituted an Internal Quality Assurance Cell (IQAC) for planning & execution of development activities & promotion of quality culture institution wide.

Perspective plans:

Perspective plans focused on the fulfillment of Vision & Mission of the Institute and based on the SWOC analysis. The key elements of it includes:

- **Enhancing capacity building of the students through student centric extra and co-curricular activities**
- **Strengthening Industry Institute Interaction**
- **Strengthening research activities**
- **Nurturing experiential and project-based learning**

Participation of the teachers in the decision-making bodies:

03-02-2023 09:16:13

- **The Institute has two staff nominees in the Governing Council.**

- **Three teachers and a non-teaching staff have been elected in College Development Committee (Local Managing Committee) apart from the HOD nominee.**
- **The IQAC has three members and a coordinator from the teaching faculty.**

Leadership is reflected in good and transparent governance, establishing and practicing faculty development policies, welfare policies for faculty and staff, implementation of statutory body guidelines in academics/admissions, state-of-art infrastructure.

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 Institute has various committees at Institute and department level that include staff members which effectively manage the academic, administrative, co-curricular and extracurricular activities, and address the issues pertaining to the scope of their committee.

The Principal is given authority to take financial decisions to a great extent for the prompt execution of the several academic and non-academic decisions.

Provision of petty cash is available to the Head of the Departments for day-to-day/emergency expenditure.

Faculty are actively involved in Institute's decision-making process.After the deliberate discussions done on the concerned issues/matters, the final opinions are conveyed to the Principal and subsequently to the management through the Principal. The management gives due weightage to the viewpoint of the faculty while taking the decisions regarding the college development.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Institute's Strategic / Perspective plan set in motion is as follows

1. **Academics:** Academic planning and execution is carried out thoroughly aided by institute ERP. Faculties are being encouraged to implement new pedagogical techniques and include them in their teaching – learning. The use of ICT tools in teaching – learning is highly encouraged and the necessary infrastructure has been put in place and are being regularly updated.

2. **Infrastructure:** Regular updating of the infrastructure is carried out. IT infrastructure are regularly replaced / upgraded as per set policy.

3. **Student Development:** Number of initiatives has been taken for student development. Many technical activities are carried out throughout the year, including the annual project showcase and VCET Hackathon, among other events. The college also puts empathises on the development of the non-technical aspects of the students. Accordingly, annual events line the cultural festival 'Zeal' is organised every year. The college also has the NSS committee of the students who carryout multiple activities throughout the year thus inculcating the social values.

4. **Placements:** Numerous training and placement related activities are carried out throughout the year, which has resulted in good placements for the students.

5. **Industry Institute Interaction Cell:** The institute has an active Industry Institute Interaction Cell for bridging the gap between the industry and academia.

6. **Faculty Development:** Various faculty development initiatives has been put in place by the institute. These initiatives include for higher education, and research, among others.

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.

The Institute has a well-established organizational structure to execute the smooth functioning of administrative and academic processes. The Governing Council is the highest decision-making body, constituting members of the Management, Principal and nominated faculty members. The Principal receives inputs from College Development Committee and Internal Quality Assessment Cell. The administrative set-up includes Principal and various planes for the smooth functioning of the Institute, which are enlisted below:

Plane

Composition

Responsibility

Academic

Dean academics, Department Committee in-charge, Department Activity in-charge, Student chapter in-charge, Proctor and Supporting staff reporting to the Head of the Department

Execution and monitoring teaching-learning process

Administration

Statutory committees (OBC, ICC, ARC, SC/ST, MC, GRC, WDC), Registrar

administration and exam activities

Activity

Dean students affairs and in-charges of students chapters.

Co-curricular and Extra-curricular

Research and Development

Dean RnD, IPR Cell and Swayam-NPTEL Committee.

Research and Development activities

Placement/Development

TAP and E-Cell

Training and Placement activities

Alumni

Alumni Association

Alumni meet, Alumni engagement activities

The Institute is affiliated to University of Mumbai, recognized by DTE Government of Maharashtra and approved by AICTE. The Institute follows service rules, procedures, recruitment and promotional policies designed and recognized by statutory bodies.

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

1. Every employee is offered Gratuity as per the Government norms upon their retirement/leaving the job.

2. Employees' Provident Fund is deposited timely along with the contribution from Institute.

3. Group Insurance facility is provided for non-teaching staff.

4. 180 days maternity leave is provided to women employee after completing probation.

5. Study leave for MTech/PhD: Faculty members are encouraged to pursue higher studies by providing them study leave and financial assistance.

6. Teaching and Non-teaching faculties are offered financial support and on-duty leave for attending knowledge upgradation programmes like Conferences, Seminars, Workshops, STTPs, Industrial visits, etc.

7. Organization of Conferences/Seminars/ Workshops/ STTPs etc. is encouraged by giving financial backing.

8. Special Medical Leave is offered to Teaching and Non-teaching faculties suffering from critical illness.

9. Counselling facility is made available to the teaching and non-teaching staff in the Institute, to cope-up with their emotional/stress issues.

10. Doctor is available as and when required on a phone call for all staff members and students. A bed has been reserved in a reputed hospital to address emergency medical need.

11. Uniforms and washing allowance are provided to all 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

23

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)	<u>View File</u>

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

8

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

213

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

To ensure an effective performance appraisal, the Institute demands the teaching and non-teaching staff to fill up an appraisal from at the end of every academic year.

Parameter for performance appraisal of teaching staff:

• Result analysis and student's feedback for the subject taught

• Step taken to enhance teaching –learning process Conferences / Courses / Training programmes / Seminars/ Workshops attended

• Courses / Training programmes / Seminars/ Workshops conducted

• Publications: National/International Journals/Conferences, Book/Book Chapters in Monograph

• Industry/ Research projects undertaken

• Academic upgradation through higher studies

• Contribution in the departmental and college activities

• Participation in co-curricular/extracurricular activities

• Any other information that the faculty would like to furnish as a part of appraisal

The parameters for performance appraisal of non- teaching staff:

• Proficiency in work

• General intelligence, industry and keenness to learn Engagement in any other work than routine Amenability to discipline

• Punctuality in attendance

• Relation with General public, Collogues and Students

• Integrity

The duly filled forms are assessed by the Head of the Department.The forms are eventually forwarded to the Principal to decide upon the further course of action.

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

Vidyavardhini Trust has maintained a very transparent financial mechanism for all its institutions and has formulated a Finance Manual in June 2005.

The Trust has an effective mechanism of internal and external audit. These audits verify and certify all nature of income and expenditures along with all capital expenditure and deposits of the Institute in each financial year.

Internal audit is a continuous process. A qualified Internal auditor from an external agency have been permanently appointed by the society who regularly examines all the records maintained by the accounts department.

An external auditor appointed by the society to execute the statutory audit. This audit is conducted in two phases, one in the month of December/January and second in the month of May/June every year. Finalization of accounts is completed in June/July and audited statement is prepared and duly signed by Principal/Secretary and Chartered Accountant. The Chartered Accountant submits the Audit Report after completing the audit of all the Institutes and Trust.

The minor audit suggestions (if any) pointed by auditor are duly complied. These audited statements are then presented for approval in College Development Committee followed by Governing Council.

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)

0.75

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

Vidyavardhini's College of Engineering and Technology is a self-financed institution, where the funds are generated through the fees paid by the students. The fee is approved by the Fee Regulating Authority constituted by Government of Maharashtra. The Governing Council of the Institute in assistance with the Principal, constantly monitors the effective mobilization of funds and the optimal utilization of resources to progress in achieving the Vision and Mission of the Institute.

The Vidyavardhini Trust has formulated a Finance Manual which elaborates the processes of all the financial transactions. All the Head of the Departments and all Functional Heads submit their budget requirements to the Principal along with a justification. Accordingly, the Accounts department summarizes the requirements and the Institute Budget is prepared before the commencement of every financial year.

The Budget is consolidated by the Principal, Head of the Departments, Registrar and Accountant after giving due weightage to the Institute's strategic plan. The Budget is then presented before the College Development Committee and Governing Council which approves the Budget with the necessary amendments.

In case of change in the norms by the Regulatory authorities, the allotted funds are amended to comply the revised conditions, with the permission of the Chairman/President.

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 & promotion of quality culture institution wide.

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

NBA Manual of the Institute designed to facilitate faculty with a ready reference on Outcome Based Education processes in the Institution.

Guidelines were set collection and representation of AQAR/NBA data

Academic audits of all the Departments were conducted by experienced educators from reputed Institutes.

Experts from reputed Institutes were invited to guide the faculty on various aspects of Outcome Based Education and NBA Accreditation process.

Internship policy of Institute was devised to facilitate the students to provide possible opportunities to learn, understand and sharpen the real time technical/managerial skills required at the job and get exposure to the current technological developments.

Teachers Training Policy was devised to train the teachers to develop the art of preparing a systematic lesson plan and classroom delivery, use appropriate pedagogical techniques, effective modes of evaluation of the learning outcomes, keep them abreast with the latest developments in their fields or the cutting-edge technologies, guide them to carryout R&D.

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. Some of the enhancement initiatives are summarized as follows:

Academic:

Faculty Qualification Enhancement: 2 faculty members of the Institute successfully completed their PhD

IT Infrastructure: Purchase of 125 PCs with Core i5 processor and 25 PCs with Core i7 processors was done

Teaching-Learning: Various innovative pedagogical initiatives were undertaken by faculty

Experiential Learning: The Institute hosted online 'Vidyavardhini's National Project Showcase' and 'Product Showcase'.

Professional Activities: Initiated and provided financial support for product design /development activities and participation in competitions.

Industry Institute Interaction: The Institute has 52 MoU with prestigious companies.

Alumni Engagement and Interaction: Guidance sessions by alumni and alumni meets was organized.

Students mentoring: Test on Learning Styles to assess the learning styles of first year students

Administrative:

Infrastructure enhancement: Dean offices and conference room were created. Renovation of Seminar Hall was undertaken.

E-Governance: ERP was procured

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)

B. Any 3 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)	<u>View File</u>

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

The "Women Empowerment Committee" of VCET has been a proud host of numerous informative seminars and workshops over the past few years.

This year as well, amidst the pandemic, The WEC decided to virtually organize an interactive session on "Women leadership and Work Life Balance" via live streaming on YouTube for motivating women and guiding them.

The seminar was addressed by honorable guest Dr. Dipti Joshi. She is a Researcher, Educationalist, Entrepreneur and appreciated with several awards.

Seminar aimed to give insight into each woman's frame of reference regarding identity, adaptive style explore and discover coping strategies, advice for preparing for the dual roles, and practical strategies for balance to see if any themes and or new discoveries emerge.

On the occasion of International Women's Day (08 March, 2021), the WEC organized its second session on "Manifestation of Women" via YouTube live stream in order to make women realize the power in feminine energy.

The seminar was addressed by honorable guest Ms. Supriya Chitre (Retired Squadron Leader and the Founder, Director of Udaan Foundation, Nashik).

The objective was to empower women who seek access to opportunities without any limitations such as in education, profession and in their way of life.

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	https://docs.google.com/document/d/15whZUorGn8XhEXYhIVK0dzcyL8tXZ36_/edit?usp=sharing&ouid=100237075317348815462&rtpof=true&sd=true

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

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 take all possible initiatives to inculcate the same among students and staff to minimize waste generation. Being an Educational Institute, hazardous waste/e-waste is not significantly generated. Adequate measures are in place to manage the solid waste. Biodegradable wastes from the college canteen, dried leaves and other solid waste generated in the college is 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 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 the toxic wastes.

E-waste management:

E-waste such as computers, printers, CPUs, and electrical and electronic assemblies collected from various departments are disposed of 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/1PZMQbwU87 CAFBTFOtdQOiiLEKKbYD6nC/view?usp=sharing
Any other relevant information	**No File Uploaded**

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

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:

B. Any 3 of the above

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**

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

C. Any 2 of the above

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

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen   reading

A. Any 4 or all of the above

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 conducted several programs for providing an inclusive

environment. i.e., tolerance and harmony towards regional, cultural, linguistic, communal, socio-economic, and other diversities. The college staff and students jointly celebrate the cultural and regional festivals, like Yoga Day, Teachers Day, Republic Day, Constitution Day, Rashtriya ekta Diwas, Marathi Bhasha Divas, Swachata Pakhwada, Independence Day, Internship Fair, Mother's Day etc like activities are performed in the campus.

To enhance the health of students and faculty the institute also conducts Fit India Movement and Meditation programs. To broaden the domain of their capabilities, the students are encouraged and provided with the funds to participate in several inter-collegiate events. For smooth conduction of these activities, a separate activity room is provided to the various student committees.

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

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

Every year VCET organizes activities to imbibe Human Values & Ethics for staff and students. An enlightening session on the Importance of Universal Human Values was conducted for students. The curriculum includes the courses like Business Communication & Ethics, Cryptography & System Security, and Digital Forensics which creates professional and ethical awareness amongst the students. VCET also motivates students to participate in Co-Curricular/Extra-Curricular activities and Strengthens their technical/social awareness through various professional bodies. Minority cell, OBC cell, and SC/ST cell caters to the needs of reserved category students. Entrepreneurship cells foster entrepreneurship skills and channel the competencies amongst students. Some of the events are as follows:

Blood Donation camp

Cleanliness Drive

Tree Plantation

Rashtriya ekta diwas

Road Safety Rally

Gandhi Jayanti Celebration

Induction Program: Induction programs are conducted to guide students on values, rights, duties, and responsibilities. Students are made aware of the code of ethics, human values, rights, duties, and responsibilities as a citizen of India.

Awareness about Government policies: Webinar on COVID-19 precautions to be taken during the celebration of Ganesh Festival.

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

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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

NSS was formed to inculcate social welfare among students and to provide service to society without any bias. It has always aimed to promote social issues like security, cleanliness, hygiene as well as a sense of responsibility among the students by being generous and kind to the poor people by contributing our full potential to help them to enrich their lives.

Following activities were conducted by NSS:

Online activities

Independence Day Celebration

Elocution competition

Webinar on COVID 19 precautions to be taken during Ganesh festival

Poster competition

Quiz competitions

Road safety awareness

Constitution day

World Aids Day

Raise your voice

Awareness campaign on 'DO's & Don'ts for COVID 19 vaccination

Meditation and Yoga session

Mother's day celebration

Offline Activities:

Tree plantation

Blood donation Camp

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 I Imbibing professionalism through Industrial exposure in students(technical)

Metamorphosis from budding engineer to a career professional is possible only when we embed industrial exposure to their journey. University syllabi are devised to keep balance with latest technology and basic concepts of the subjects. But by the time students graduates, the technology learnt in the curriculum is outdated. This motivates us to be associated with industry. A student may have good technical knowledge but would lack in communication skills / teamwork culture /professional ethics. Hence efforts are needed to enhance both these skill sets. Institute provides opportunities in terms of Guest lectures/ Talks Sessions /Seminars & workshops /Alumni talks /Tech talks /Summer Internship Programs and industrial visits.

Best Practice II Soft skill enhancement

Institute has various committees who organise following activities:

- Induction program for FE : physical fitness and universal human values.
- Literati Club:elocution, extempore.
- NSS : webinars and quizzes, organ donation, vigilance, road safety.
- Sports Committee : Due to the pandemic of COVID-19, virtual marathon and cyclothon were organised
- Students' Council : events were held online and live streamed.
- Women Empowerment Cell : The sensitization of gender equality webinar on "Empowered women empower women".

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

Student Centric Activities:

- Skill enhancement and leadership qualities: Skill and leadership qualities sre imbibed in the students through various activities are conducted for students and activities of student bodies and chapters like level Project show-case, Hackathon, Product show-case.
- Research & Industry readiness: Students are motivated to under-take research-oriented projects. Various activities conducted to give industry exposure.
- Social/Moral and Ethical values: VCET has its own team of NSS, UDAAN, which conducts various community service activities and programs.
- Employability/Entrepreneurship: The Institute has a Placement and Training Cell which facilitates support students on all aspects of career planning. The entrepreneurship cell of the Institute 'E-Cell' fosters entrepreneurship by conducting various activities.

Faculty Centric Activities:

- **Enhanced Teaching Learning: Faculty members are encouraged and equipped with resources and modern tools. Some of them tools used by the faculty include:**
  - **NPTEL/Youtube Videos**
  - **Course web pages**
  - **E-books**
  - **Digital library**
  - **Google classroom**
  - **Flipped Classroom**
- **Research and consultancy: Faculty are motivated to carry out research activities, consultancy work. Funds are provided to attend STTPs, conferences.**

- **Professional development: Schemes such asresearch promotion, IPR support, reimbursement of fee, support for higher education, training programs.**

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 Institute is prepared semester-wise in line with that of the University of Mumbai. It is approved by Dean-Academics and Principal. The tentative 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. Any change in schedule is permitted after due deliberation in HOD meeting with Principal. Various assessment tools like Internal Assessments, Quizzes, Assignments, Tutorials, Experiments, Seminar, Course Project, Case Study, Course Exit Survey, etc., are used as a part of In-Semester evaluation as per the requirement of the course.

File Description	Documents
Upload relevant supporting documents	[View File](#)
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	A. All of the above

programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

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

8

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)

10

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

939

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

939

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

Institute takes efforts to addresses issues of Professional Ethics, Gender, Human Values, Environment and Sustainability awareness among staff and students through Curriculum, Co-Curricular and Extra-Curricular activities.

Various courses in the Curriculum which address these issues are tabulated below:

Table 1.3.1 Courses relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics

Sr. No.

Issues

Student Level and Program Name

Courses

1

Gender & Human Values

F.E. (Applied Science and Humanities)

Professional Communication and Ethics

T.E. (All Branches)

Project Management

2

Environment & Sustainability

B.E. (All Branches)

Environmental Management

Energy Audit and Management

Disaster Management and Mitigation Measure

B.E. (Mechanical Engineering)

Renewable Energy Systems

B.E. (Instrumentation)

Functional Safety

B.E. (Civil)

Solid Waste Management

Industrial Waste Treatment

3

Professional Ethics

T.E. (All Branches)

Business Communication And Ethics

T.E. (Computer Engineering)

Cryptography And System Security

T.E. (IT)

Cryptography & Network

Security

B.E. (All Branches)

Professional Ethics and Corporate Social Responsibility

Cyber Security and Laws

B.E. (IT)

Digital Forensics

B.E.(Computer Engineering)

Advance System Security & Digital Forensics

B.E. (Civil)

Entrepreneurship Development and Management

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	View File

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

10

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

914

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)	View File
Any additional information(Upload)	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows	**B. Feedback collected, analyzed and action has been taken**

File Description	Documents
Upload any additional information	View File
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

443

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

97

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:

Sr. No.

Criteria

(Based on result of previous semester)

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 provided by mentors/ course

teacher, 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 curriculum/extra curriculum activities.

Average learners:

The objective is to improve student's CGPA and academic performance. Students are encouraged participate in curriculum/extra curriculum activities and enroll for online courses. This is a continuous process which improves the learner's overall performance.

Advanced learners:

Advanced learners are encouraged to participate in technical competitions, technical paper presentations, workshops, entrepreneurship development programs, competitive exams, research activities etc. The students are groomed with professional guidance to imbibe employability skills.

Best Outgoing Student award is presented to one of the Final year student who excels academics and co-curricular/extra-curricular 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
1820	95

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

At VCET we believe in Student Centric teaching-learning process.

Experiential Learning: Students are asked to survey for minor and major projects as per curriculum. Project selection includes the originality of an idea, the social impact, the papers referred from reputed journals or conferences. Students are encouraged to implement Industrial/Societal projects. One of the best practices initiated by Institute is "Product Showcase". It is a platform for students to showcase their projects in front of delegates from various industry/organizations. Students demonstrate their project/product to the peers and visitors as well.

Participative Learning: The Institute has various student chapters of national and international professional societies viz., IEEE, ISA, CSI, IETE, VMEA, ISHRAE, CESA. This conducts various technical events, symposiums workshops, seminars, industry expert talks, interaction with alumni on emerging area etc.

Collaborative Learning: Institute encourages students to form self-motivated peer groups such as Team Ethan, Team Solecthon, Quad Bike. Every year students engage in design and development activities and apply their technical knowledge to create practical models. Infrastructural, financial and mentoring assistance is provided to the students to pursue these 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

Institute has implemented most of our teaching learning processes through various ICT platforms in 2020-21.Students can access course materials, lecture recordings, attempt quizzes/ tests/ surveys and submit assignments/ tutorials for assessment through online/ cloud based academic management systems. Many faculty members employ the flipped classroom concept thus promoting self-learning. The Institute promotes the use of e-

resources/e-books which besides augmenting subject knowledge offers the advantage of being eco-friendly as well. The central library of the institute also has the facility to access various e-resources like e-books and e-journals. Students are encouraged to use the digital library for additional technical content.

In order to achieve Outcome-Based Education (OBE), faculty members and students take up MOOCs, NPTEL and Coursera certification courses. Scholarship for successful completion of NPTEL courses is also availed by many of our students.

The Institute has always motivated to use ICT by providing a favourable environment and infrastructure. ICT enabled Seminar room with recording facility, class-rooms with smart board and projector, internet connectivity and laptops has helped faculty members to create e-content and provided to students.

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

77

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

95

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

14

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

882

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 Assessment dates are communicated to the students at the beginning of every semester through the Academic Calendar. Internal Assessment(IA) exams are conducted on centralized level with a committee comprising of HODs and exam in-charges of each department. In each semester two Internal Assessment exams are conducted as per university guidelines and average of both the IA marks are considered.

Question Papers:

The syllabus for IA exam along with the course outcomes(CO) addressed through it is displayed on the Notice Board. Question papers are framed in a common format in alignment with CO and BT levels.

- Question paper with evaluation scheme is submitted to Internal Assessment Monitoring Committee(IAMC).

- IAMC checks all necessary measures such as CO coverage, the difficulty level of question papers and the cognitive level covered. If question paper is satisfactory it is approved, and paper is sent for printing and submitted to exam Coordinator.
- Evaluation:

Exams are conducted as per schedule and the assessment is carried out centrally. Model answers and evaluation scheme are submitted to exam coordinator. Assessed papers are distributed to students, question paper and answers along with evaluation scheme are discussed with students.

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

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 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 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.

Institute adheres to the Programme Outcomes(POs) as specified in the Washington Accord adopted by the National Board of Accreditation. Each programme has defined Programme Educational Objectives(PEOs) and Programme Specific Outcomes(PSOs). The Institute follows the guidelines defined by NBA to formulate PSOs, PEOs and COs. These POs, PEOs and PSOs are explained to the students at the beginning of the semester. These POs, PEOs and PSOs are displayed on

- College website
- Department Office
- Course booklet of each course
- Department notice board.
- All laboratories.

The Institute is affiliated with the University of Mumbai and follows the syllabus set by the university. The University of

Mumbai has adopted a Choice Based Credit and Grading System (CBCGS) with effect from the academic year 2016-17 (REV-2016). To fulfil the objectives of the student-centric approach of teaching-learning, Course Objectives and Course Outcomes are defined by the respective faculty member in consolation with the domain experts. Students are briefed about the COs by respective faculty members in the introductory lecture(s) of the course. They are also mentioned in the course booklets. These COs of all courses of each department are also published on the college website.

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 main objective of Outcome Based Education (OBE) is to inculcate Program Outcomes(POs) and Program Specific Outcomes(PSOs) in to graduating students. Hence, the assessment of POs and PSOs is an integral part of evaluating the quality of OBE system. The Course Outcomes(CO) contribute to the assessment of POs and PSOs as a part of In-Semester and End-Semester assessment.

COs of each course are defined and mapped with the POs and PSOs and evaluated using assessment tools like Internal Assessments, Quizzes, Assignments, Tutorials, Experiments, Seminars, Projects, Case Study, Course Exit Survey, etc., as a part of In-Semester evaluation. All COs are assessed collectively using tools like End Semester Exam, Term Work, Oral, and/or Practical Examination. The internal evaluation has a 20% weightage and external evaluation has an 80% weightage to calculate the attainment of a CO. After calculating the Overall CO Attainment, it is compared with the target value to check if the target is achieved or not. The student's performance in various assessments is critically analyzed, and corrective actions are planned for the next year.

POs and PSOs are evaluated by direct assessment tools such as In-Semester evaluation, and End- Semester evaluation and Indirect assessment tool like Course Exit Survey.

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

477

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
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/2022/05/2020_2021-Student-Satisfaction-Survey-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)

Nil

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

0

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

79

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

4

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

19

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

The Institute aims for holisticdevelopment of students. To achieve this various platforms are available for students.To strengthen development towards sensitizing social issues students are actively involved in activities like teaching campaigns, solar energy workshops, rain water harvesting, quality drinking water survey, socio economic survey, mega donation camp programs. Also programs like Swatch Bharat Abhiyan, Aids awareness, Gender Issues are organized in collaboration with NGOs. Students create awareness among society with different key topics like Do's and Don'ts for COVID 19, Fit India Campaign, and Impact of Tobacco on human

lives where students had a dialogue with the citizens and resolved their queries. Various Webinars and expert talks by NGO activists to improve way of thinking by giving exposure to real life problems. Blood donation camps are regularly organized where students and faculty members actively participate in blood donation. Various webinars and workshops organized during COVID 19 for all stakeholders. These activities are helpful for the students to become responsible citizens and understand fundamental rights and duties. This also motivated students to master their skills to organize the various programs, coordination amongst volunteers, hospitality to the guests etc.

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

0

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

26

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

1478

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

900

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

52

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.

The Institute has 5 acres of land which is two times of the stated AICTE norms for urban areas with a G+5 storied building with 14193 sq.m built up area. It includes 8531 sq.m instructional area, 560 sq.m, administrative area, 1392 sq.m amenities and 3512 sq.m access and circulation area. The Institute has upgraded to modern teaching aids as such all classrooms are equipped with ICT facilities. All laboratories are well furnished and equipped with the latest experimental hardware and software. The Institute has upgraded to 100 MbPS of leased line to cater the internet needs and installing wifi routers are installed on each floor to provide access the internet. Each classroom is provided with multimedia projector and internet access. Each faculty member is provided with a laptop and each department is provided with portable public address system. The Institute possesses a fully air-conditioned auditorium and two seminar halls with ICT facilities. Access to e-books, e-journals, database, adequate reference books on relevant topics and journals is made through the central library which also has a well-furnished spacious reading hall. Photocopy machine is installed in the library.

File Description	Documents
Upload any additional information	[View File](#)
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 Institute possesses an air-conditioned auditorium of trust and two seminar halls. They are used for conducting seminars, workshops, conferences, cultural events and co-curricular activities. The Institute is equipped with ample sports equipment and facilities for the sports enthusiasts. It is furnished with equipment pertaining to Table Tennis, Carrom, Chess, Cricket, Volleyball, Throw ball, Football, Kabaddi, KhoKho, Badminton and several other indoor/outdoor sports. Though a majority of sports events are conducted within the college campus, the Institute hires 'Chimaji Appa Ground' for smooth conduction of Overarm Cricket and Athletics during the Annual Sports Festival. A spectrum of literary events ranging from Kavi Sammelan to Debate Competitions is also organized. Institute actively celebrates Yoga Day, Teachers Day, Republic Day, Marathi Bhasha Divas, Swachata Pakhwada, Independence Day and several other days with enthusiastic participation from both teachers and students. To broaden the domain of their capabilities, the students are encouraged and provided with the funds to participate in several inter-collegiate events.

Various programs are carried out by the NSS where students get the opportunity to interact with society to understand the challenges and problems these people are facing on a daily basis. Under NSS various programs are organised to facilitate the society.

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.

24

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

24

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)

310.58

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)

Central Library is partially automated using Integrated Library Management System (ILMS). ILMS software ERP JUNO Campus Software, through which books can be searched by Author's name, Title, Accession no, Publisher Name etc. Library has 32736 books, Including book bank books. Various printed journals are also available in the library. Central library has maintained all the previous year's syllabus since 1994 for Alumni reference purposes. Also previous years question papers are

available for reference. Daily popular newspapers in Marathi & English including Employment News and technical journals available for reading and home lending.

There is a separate reference section for weekly/monthly magazines and journals like Competitive Success Review, Economics & Political Weekly, Kurukshetra, Lokrajya, Yojna published by the Government of Maharashtra and few books for preparation of various competitive exams are also available. The Area of Library is 448.12 sq.m with a spacious reading hall with a capacity of 150 students, in addition to that the library also has a decent collection of Marathi and English novels.

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	View File
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)

8.11083

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

76

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

The Institute has upgraded from Symantec antivirus 12.1 to 14.1. D-link/ switches have been replaced by Ciscos SG-200 and 300 giga switches. Structured cabling is upgraded to CAT6 from previous CAT5 enabling system upgradation from 10/100 to 100/1000 network. Symantec antivirus 14.1 is upgraded to

Seqrite 7.2 E.P.S Sophos Firewall upgraded from Cyber-roam 100ING to Sophos XG 330.

The upgradation of Computers is taken by replacing old desktops with configurations such as 1 GHZ-3 GHZ core I3 processor. Memory has been upgraded from 1 GB to 4GB/8GB. Two HP servers with 16 GB memory each have been purchased which are scalable up to 128 GB Memory and one workstation of 128 GB memory. Internet bandwidth is upgraded to 100Mbps.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

4.3.2 - Number of Computers

698

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution	A. ? 50MBPS

File Description	Documents
Upload any additional Information	[View File](#)
Details of available bandwidth of internet connection in the Institution	No File Uploaded

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)

102.86

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 based. 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/distributer/vendor either on campus or sent to concerned workshop.

Computers:

PCs health cards are maintained in all laboratories for keeping record of maintenance of PC. 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 Contract 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 timely basis. Lift, Fire extinguisher 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

869

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

911

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

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

File Description	Documents
Link to institutional website	**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

3294

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

3294

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student	**A. All of the above**

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	

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

199

File Description	Documents
Self-attested list of students placed	[View File](#)
Upload any additional information	[View File](#)

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

35

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

51

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.

18

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)

- **Student Council**

Students' Council looks out for all the student-oriented activities to promote cultural activities and provide the students with opportunities to develop leadership, social responsibility, citizenship, volunteerism, and employment experience.

- **Activity of Sports Committee**

The Institute sports committee is responsible for organizing sports activities. It also manages and looks after the required sports equipment and upgrades the facility.

- **Students Chapter/Technical Committee/NSS/Literati Committee**

Under the mentorship of the faculty advisors, local students chapters such as VMEA, ISHARE, CSI, IEEE. CESA, etc. organize various co-curricular events. The events of NSS are planned and executed by a team of students under the guidance of the faculty coordinator. Literati Committee manages the publishing of Annual Magazine.

- **Students Representation on Administrative Bodies**

The representation of the students in the Internal Quality Assurance Committee (IQAC), College Development Committee (CDC), and Department Advisory Board (DAB) facilitates toenhance the academic as well as administrative growth of the Institution. Students also have a representation in Student Grievance Redressal Committee.

- **Other**

Students have active involvement in the activities of ECell, Placement and Training Cell, Women Empowerment Cell, etc. Every class has a student representative to assist in the coordination of activities.

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

11

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 is registered with The Assistant Registrar of Societies, Thane Region. The registration number is MAH/2133/2018/THANE.

The students register themselves as a member of VCET Alumni Association during the end of their final semester. Distinguished alumni are invited as guest lecturers for seminars, workshops, etc. to share their experience about the latest trend in industry. It helps the current students to get acquainted with recent technologies through the expertise of the Alumni. They are also invited to serve as major project co-guide and external project examiners for University examination.

An alumni meet is organized every year. Alumni are contacted through various social media like Facebook, WhatsApp, etc. and also invited through personal emails. The date of the alumni meet is floated on the Institute website. The alumni are appealed to register online for the same. The meet comprises a welcome program, Interaction, entertainment programs like singing, dancing followed by dinner. Feedback is also taken during this occasion. There is an interactive session between faculty and alumni wherein their views and suggestions are noted for betterment of the Institute. This interaction improves industry contacts for placement, project and internship.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

Nature of Governance and Leadership

The Governing Council of Vidyavardhini's, is responsible for policy decision related to infrastructure, financial management, human resource planning and recruitment. The budgeting decision is recommended by the College Development Committee, and eventually approved by Governing Council. The Institute has constituted an Internal Quality Assurance Cell (IQAC) for planning & execution of development activities & promotion of quality culture institution wide.

Perspective plans:

Perspective plans focused on the fulfillment of Vision & Mission of the Institute and based on the SWOC analysis. The key elements of it includes:

- Enhancing capacity building of the students through student centric extra and co-curricular activities
- Strengthening Industry Institute Interaction
- Strengthening research activities
- Nurturing experiential and project-based learning

Participation of the teachers in the decision-making bodies:

- The Institute has two staff nominees in the Governing Council.

- Three teachers and a non-teaching staff have been elected in College Development Committee (Local Managing Committee) apart from the HOD nominee.
- The IQAC has three members and a coordinator from the teaching faculty.

Leadership is reflected in good and transparent governance, establishing and practicing faculty development policies, welfare policies for faculty and staff, implementation of statutory body guidelines in academics/admissions, state-of-art infrastructure.

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 Institute has various committees at Institute and department level that include staff members which effectively manage the academic, administrative, co-curricular and extracurricular activities, and address the issues pertaining to the scope of their committee.

The Principal is given authority to take financial decisions to a great extent for the prompt execution of the several academic and non-academic decisions.

Provision of petty cash is available to the Head of the Departments for day-to-day/emergency expenditure.

Faculty are actively involved in Institute's decision-making process.After the deliberate discussions done on the concerned issues/matters, the final opinions are conveyed to the Principal and subsequently to the management through the Principal. The management gives due weightage to the viewpoint of the faculty while taking the decisions regarding the college development.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Institute's Strategic / Perspective plan set in motion is as follows

1. Academics: Academic planning and execution is carried out thoroughly aided by institute ERP. Faculties are being encouraged to implement new pedagogical techniques and include them in their teaching - learning. The use of ICT tools in teaching - learning is highly encouraged and the necessary infrastructure has been put in place and are being regularly updated.

2. Infrastructure: Regular updating of the infrastructure is carried out. IT infrastructure are regularly replaced / upgraded as per set policy.

3. Student Development: Number of initiatives has been taken for student development. Many technical activities are carried out throughout the year, including the annual project showcase and VCET Hackathon, among other events. The college also puts empathises on the development of the non-technical aspects of the students. Accordingly, annual events line the cultural festival 'Zeal' is organised every year. The college also has the NSS

committee of the students who carryout multiple activities throughout the year thus inculcating the social values.

4. Placements: Numerous training and placement related activities are carried out throughout the year, which has resulted in good placements for the students.
5. Industry Institute Interaction Cell: The institute has an active Industry Institute Interaction Cell for bridging the gap between the industry and academia.
6. Faculty Development: Various faculty development initiatives has been put in place by the institute. These initiatives include for higher education, and research, among others.

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.

The Institute has a well-established organizational structure to execute the smooth functioning of administrative and academic processes. The Governing Council is the highest decision-making body, constituting members of the Management, Principal and nominated faculty members. The Principal receives inputs from College Development Committee and Internal Quality Assessment Cell. The administrative set-up includes Principal and various planes for the smooth functioning of the Institute, which are enlisted below:

Plane

Composition

Responsibility

Academic

Dean academics, Department Committee in-charge, Department Activity in-charge, Student chapter in-charge, Proctor and

Supporting staff reporting to the Head of the Department

Execution and monitoring teaching-learning process

Administration

Statutory committees (OBC, ICC, ARC, SC/ST, MC, GRC, WDC), Registrar

administration and exam activities

Activity

Dean students affairs and in-charges of students chapters.

Co-curricular and Extra-curricular

Research and Development

Dean RnD, IPR Cell and Swayam-NPTEL Committee.

Research and Development activities

Placement/Development

TAP and E-Cell

Training and Placement activities

Alumni

Alumni Association

Alumni meet, Alumni engagement activities

The Institute is affiliated to University of Mumbai, recognized by DTE Government of Maharashtra and approved by AICTE. The Institute follows service rules, procedures, recruitment and promotional policies designed and recognized by statutory bodies.

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

1. Every employee is offered Gratuity as per the Government norms upon their retirement/leaving the job.

2. Employees' Provident Fund is deposited timely along with the contribution from Institute.

3. Group Insurance facility is provided for non-teaching staff.

4. 180 days maternity leave is provided to women employee after completing probation.

5. Study leave for MTech/PhD: Faculty members are encouraged to pursue higher studies by providing them study leave and financial assistance.

6. Teaching and Non-teaching faculties are offered financial

support and on-duty leave for attending knowledge upgradation programmes like Conferences, Seminars, Workshops, STTPs, Industrial visits, etc.

7. Organization of Conferences/Seminars/ Workshops/ STTPs etc. is encouraged by giving financial backing.

8. Special Medical Leave is offered to Teaching and Non-teaching faculties suffering from critical illness.

9. Counselling facility is made available to the teaching and non-teaching staff in the Institute, to cope-up with their emotional/stress issues.

10. Doctor is available as and when required on a phone call for all staff members and students. A bed has been reserved in a reputed hospital to address emergency medical need.

11. Uniforms and washing allowance are provided to all 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

23

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

8

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

213

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

To ensure an effective performance appraisal, the Institute demands the teaching and non-teaching staff to fill up an appraisal from at the end of every academic year.

Parameter for performance appraisal of teaching staff:

● Result analysis and student's feedback for the subject taught

● Step taken to enhance teaching -learning process Conferences / Courses / Training programmes / Seminars/ Workshops attended

● Courses / Training programmes / Seminars/ Workshops conducted

● Publications: National/International Journals/Conferences, Book/Book Chapters in Monograph

● Industry/ Research projects undertaken

● Academic upgradation through higher studies

● Contribution in the departmental and college activities

● Participation in co-curricular/extracurricular activities

● Any other information that the faculty would like to furnish as a part of appraisal

The parameters for performance appraisal of non- teaching staff:

- Proficiency in work

- General intelligence, industry and keenness to learn Engagement in any other work than routine Amenability to discipline

- Punctuality in attendance

- Relation with General public, Collogues and Students

- Integrity

The duly filled forms are assessed by the Head of the Department.The forms are eventually forwarded to the Principal to decide upon the further course of action.

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

Vidyavardhini Trust has maintained a very transparent financial mechanism for all its institutions and has formulated a Finance Manual in June 2005.

The Trust has an effective mechanism of internal and external audit. These audits verify and certify all nature of income and expenditures along with all capital expenditure and deposits of the Institute in each financial year.

Internal audit is a continuous process. A qualified Internal auditor from an external agency have been permanently appointed by the society who regularly examines all the records maintained by the accounts department.

An external auditor appointed by the society to execute the statutory audit. This audit is conducted in two phases, one in the month of December/January and second in the month of

May/June every year. Finalization of accounts is completed in June/July and audited statement is prepared and duly signed by Principal/Secretary and Chartered Accountant. The Chartered Accountant submits the Audit Report after completing the audit of all the Institutes and Trust.

The minor audit suggestions (if any) pointed by auditor are duly complied. These audited statements are then presented for approval in College Development Committee followed by Governing Council.

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)

0.75

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

Vidyavardhini's College of Engineering and Technology is a self-financed institution, where the funds are generated through the fees paid by the students. The fee is approved by the Fee Regulating Authority constituted by Government of Maharashtra. The Governing Council of the Institute in assistance with the Principal, constantly monitors the effective mobilization of funds and the optimal utilization of resources to progress in

achieving the Vision and Mission of the Institute.

The Vidyavardhini Trust has formulated a Finance Manual which elaborates the processes of all the financial transactions. All the Head of the Departments and all Functional Heads submit their budget requirements to the Principal along with a justification. Accordingly, the Accounts department summarizes the requirements and the Institute Budget is prepared before the commencement of every financial year.

The Budget is consolidated by the Principal, Head of the Departments, Registrar and Accountant after giving due weightage to the Institute's strategic plan. The Budget is then presented before the College Development Committee and Governing Council which approves the Budget with the necessary amendments.

In case of change in the norms by the Regulatory authorities, the allotted funds are amended to comply the revised conditions, with the permission of the Chairman/President.

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 & promotion of quality culture institution wide.

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

NBA Manual of the Institute designed to facilitate faculty with a ready reference on Outcome Based Education processes in the Institution.

Guidelines were set collection and representation of AQAR/NBA

data

Academic audits of all the Departments were conducted by experienced educators from reputed Institutes.

Experts from reputed Institutes were invited to guide the faculty on various aspects of Outcome Based Education and NBA Accreditation process.

Internship policy of Institute was devised to facilitate the students to provide possible opportunities to learn, understand and sharpen the real time technical/managerial skills required at the job and get exposure to the current technological developments.

Teachers Training Policy was devised to train the teachers to develop the art of preparing a systematic lesson plan and classroom delivery, use appropriate pedagogical techniques, effective modes of evaluation of the learning outcomes, keep them abreast with the latest developments in their fields or the cutting-edge technologies, guide them to carryout R&D.

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. Some of the enhancement initiatives are summarized as follows:

Academic:

Faculty Qualification Enhancement: 2 faculty members of the Institute successfully completed their PhD

IT Infrastructure: Purchase of 125 PCs with Core i5 processor and 25 PCs with Core i7 processors was done

Teaching-Learning: Various innovative pedagogical initiatives were undertaken by faculty

Experiential Learning: The Institute hosted online 'Vidyavardhini's National Project Showcase' and 'Product Showcase'.

Professional Activities: Initiated and provided financial support for product design /development activities and participation in competitions.

Industry Institute Interaction: The Institute has 52 MoU with prestigious companies.

Alumni Engagement and Interaction: Guidance sessions by alumni and alumni meets was organized.

Students mentoring: Test on Learning Styles to assess the learning styles of first year students

Administrative:

Infrastructure enhancement: Dean offices and conference room were created. Renovation of Seminar Hall was undertaken.

E-Governance: ERP was procured

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,	B. Any 3 of the above

NBA)

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

The "Women Empowerment Committee" of VCET has been a proud host of numerous informative seminars and workshops over the past few years.

This year as well, amidst the pandemic, The WEC decided to virtually organize an interactive session on "Women leadership and Work Life Balance" via live streaming on YouTube for motivating women and guiding them.

The seminar was addressed by honorable guest Dr. Dipti Joshi. She is a Researcher, Educationalist, Entrepreneur and appreciated with several awards.

Seminar aimed to give insight into each woman's frame of reference regarding identity, adaptive style explore and discover coping strategies, advice for preparing for the dual roles, and practical strategies for balance to see if any themes and or new discoveries emerge.

On the occasion of International Women's Day (08 March, 2021), the WEC organized its second session on "Manifestation of Women" via YouTube live stream in order to make women realize the power in feminine energy.

The seminar was addressed by honorable guest Ms. Supriya Chitre

(Retired Squadron Leader and the Founder, Director of Udaan Foundation, Nashik).

The objective was to empower women who seek access to opportunities without any limitations such as in education, profession and in their way of life.

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	https://docs.google.com/document/d/15whZUorGn8XhEXYhIVK0dzcyL8tXZ36_/edit?usp=sharing&ouid=100237075317348815462&rtpof=true&sd=true

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**

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 take all possible initiatives to inculcate the same among students and staff to minimize waste generation. Being an Educational Institute, hazardous waste/e-waste is not significantly generated. Adequate measures are in place to manage the solid waste. Biodegradable wastes from the college canteen, dried leaves and other solid waste generated in the college is 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 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 the toxic wastes.

E-waste management:

E-waste such as computers, printers, CPUs, and electrical and electronic assemblies collected from various departments are disposed of 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/1PZMQbwU87CAFBTFOtdQOiiLEKKbYD6nC/view?usp=sharing
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	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	B. Any 3 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	C. Any 2 of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above

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 conducted several programs for providing an inclusive environment. i.e., tolerance and harmony towards regional, cultural, linguistic, communal, socio-economic, and other diversities. The college staff and students jointly celebrate the cultural and regional festivals, like Yoga Day, Teachers Day, Republic Day, Constitution Day, Rashtriya ekta Diwas, Marathi Bhasha Divas, Swachata Pakhwada, Independence Day, Internship Fair, Mother's Day etc like activities are performed in the campus.

To enhance the health of students and faculty the institute also conducts Fit India Movement and Meditation programs. To broaden the domain of their capabilities, the students are encouraged and provided with the funds to participate in several inter-collegiate events. For smooth conduction of these

activities, a separate activity room is provided to the various student committees.

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

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

Every year VCET organizes activities to imbibe Human Values & Ethics for staff and students. An enlightening session on the Importance of Universal Human Values was conducted for students. The curriculum includes the courses like Business Communication & Ethics, Cryptography & System Security, and Digital Forensics which creates professional and ethical awareness amongst the students. VCET also motivates students to participate in Co-Curricular/Extra-Curricular activities and Strengthens their technical/social awareness through various professional bodies. Minority cell, OBC cell, and SC/ST cell caters to the needs of reserved category students. Entrepreneurship cells foster entrepreneurship skills and channel the competencies amongst students. Some of the events are as follows:

Blood Donation camp

Cleanliness Drive

Tree Plantation

Rashtriya ekta diwas

Road Safety Rally

Gandhi Jayanti Celebration

Induction Program: Induction programs are conducted to guide students on values, rights, duties, and responsibilities. Students are made aware of the code of ethics, human values, rights, duties, and responsibilities as a citizen of India.

Awareness about Government policies: Webinar on COVID-19 precautions to be taken during the celebration of Ganesh Festival.

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

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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

NSS was formed to inculcate social welfare among students and to provide service to society without any bias. It has always aimed to promote social issues like security, cleanliness, hygiene as well as a sense of responsibility among the students

by being generous and kind to the poor people by contributing our full potential to help them to enrich their lives.

Following activities were conducted by NSS:

Online activities

Independence Day Celebration

Elocution competition

Webinar on COVID 19 precautions to be taken during Ganesh festival

Poster competition

Quiz competitions

Road safety awareness

Constitution day

World Aids Day

Raise your voice

Awareness campaign on 'DO's & Don'ts for COVID 19 vaccination

Meditation and Yoga session

Mother's day celebration

Offline Activities:

Tree plantation

Blood donation Camp

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 I Imbibing professionalism through Industrial exposure in students(technical)

Metamorphosis from budding engineer to a career professional is possible only when we embed industrial exposure to their journey. University syllabi are devised to keep balance with latest technology and basic concepts of the subjects. But by the time students graduates, the technology learnt in the curriculum is outdated. This motivates us to be associated with industry. A student may have good technical knowledge but would lack in communication skills / teamwork culture /professional ethics. Hence efforts are needed to enhance both these skill sets. Institute provides opportunities in terms of Guest lectures/ Talks Sessions /Seminars & workshops /Alumni talks /Tech talks /Summer Internship Programs and industrial visits.

Best Practice II Soft skill enhancement

Institute has various committees who organise following activities:

- **Induction program for FE : physical fitness and universal human values.**
- **Literati Club:elocution, extempore.**
- **NSS : webinars and quizzes, organ donation, vigilance, road safety.**
- **Sports Committee : Due to the pandemic of COVID-19, virtual marathon and cyclothon were organised**
- **Students' Council : events were held online and live streamed.**

- **Women Empowerment Cell : The sensitization of gender equality webinar on "Empowered women empower women".**

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

Student Centric Activities:

- **Skill enhancement and leadership qualities: Skill and leadership qualities sre imbibed in the students through various activities are conducted for students and activities of student bodies and chapters like level Project show-case, Hackathon, Product show-case.**
- **Research & Industry readiness: Students are motivated to under-take research-oriented projects. Various activities conducted to give industry exposure.**
- **Social/Moral and Ethical values: VCET has its own team of NSS, UDAAN, which conducts various community service activities and programs.**
- **Employability/Entrepreneurship: The Institute has a Placement and Training Cell which facilitates support students on all aspects of career planning. The entrepreneurship cell of the Institute 'E-Cell' fosters entrepreneurship by conducting various activities.**

Faculty Centric Activities:

- **Enhanced Teaching Learning: Faculty members are encouraged and equipped with resources and modern tools. Some of them tools used by the faculty include:**
  - **NPTEL/Youtube Videos**
  - **Course web pages**
  - **E-books**
  - **Digital library**
  - **Google classroom**

- ○ **Flipped Classroom**
- **Research and consultancy: Faculty are motivated to carry out research activities, consultancy work. Funds are provided to attend STTPs, conferences.**

- **Professional development: Schemes such asresearch promotion, IPR support, reimbursement of fee, support for higher education, training programs.**

File Description	Documents
Appropriate web in the Institutional website	**No File Uploaded**
Any other relevant information	[View File](#)

7.3.2 - Plan of action for the next academic year

- **Additional workshops, guest lectures and student development programmes will be organised to familiarise students with knowledge and applications in upcoming areas.**
- **Invited talks on these skill sets will be organized in the area of aptitude, HR skills, technical vertex, as well as interpersonal skills and soft skills**
- **Guidance sessions will be organised for updating the faculty regarding pedagogy, innovation in teaching, and outcome-based education.**
- **Faculty and students should carry forward research in the chosen vertex. Faculty members will be encouraged to do research and publish it with a reputed publishing house.**
- **Post graduate course in Computer Engineering, Mechanical and Electronics and Telecommunication shall be introduced.**
- **More number of faculty shall be promoted to pursue PhD in the upcoming areas.**
- **Planning for infrastructure excellence and upgrading computing facilities are required to meet the requirements of the upcoming areas in computer and IT.**
- **Internships, workshops, and training programmes shall be organised to ensure optimum utilisation of the centre of excellence infrastructure and improving the skill sets of the students.**
- **Efforts shall be made to increase industry-institute interaction through collaborated projects, faculty**

training, and student internships.
- Development of laboratory infrastructure to fulfil the requirement of the newly introduced disciplines shall be undertaken.