YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	Dr. P. Alli
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04522465285
• Alternate phone No.	9994994991
• Mobile No. (Principal)	9443566537
• Registered e-mail ID (Principal)	principal@vcet.ac.in
• Address	Madurai Rameswaram High Road, Viraganoor,
• City/Town	Madurai
• State/UT	Tamil Nadu
• Pin Code	625009
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	27/10/2021
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr. R. PerumalRaja**
• Phone No.	**04522465285**
• Mobile No:	**9710207041**
• IQAC e-mail ID	**vcet.mdu.naac@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	http://vcet.ac.in/vcetit/pdfs/NAAC/NAAC-AQAC%20Report%202020-2021.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	http://vcet.ac.in/vcetit/academic calendar.html

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.02**	**2016**	**17/03/2016**	**16/03/2021**
Cycle 2	**A**	**3.02**	**2021**	**17/11/2021**	**31/12/2026**

6.Date of Establishment of IQAC	**20/02/2016**

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

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Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Dr. T. Kamatchi Dr. M. Maran Mr. M. Vivek Prabhu Mr. K. Meenakshi Sundar / Department of MECH	TDT	DST	Nil	1629000
Dr.L.Andal, Mrs.AnnieSweetlin / Department of Civil	Indo-Poland Joint Project	DST	12/01/2022	1000000
Dr.A.Shunmugalatha, Dr.R.Narmatha Banu, Dr.B.Kiruthiga / Department of EEE	DST	DST	20/07/2021	4530000
Dr.P.Alli, Dr.R.Deepalakshmi, Dr.G.Vinoth Chakkravarthy, Dr.S.Poonkuntran/ Department of CSE	Ministry of New &Renewable Energy, New Delhi	Ministry of New &Renewable Energy, New Delhi	12/11/2015	5625000
Dr.A.Shunmugalatha / Department of EEE	AICTE	AICTE	01/03/2021	640000
Dr.S.Vauski, Dr.K.Kavitha, Dr.G.Veera Senthil Kumar, Dr.	MODROB	AICTE	Nil	1647000

P. Karthikeyan / Department of ECE				
Dr.S.Vasuki, Dr.K.Kavitha / Department of ECE	DST-SHRI	DST	05/01/2019	2474000
Dr.S.Vasuki, Dr.P.Suveeth aDhanaselvam Mr.G.Pradeep Kumar	ICPS	DST	01/03/2019	3076000
Dr.S.Vasuki, Dr.K.Kavitha	RPS	AICTE	01/05/2020	600000
Dr.R.Perumal raja, Dr.S.K amalesh, Dr.R.Kavitha /Department of IT	DST	TDT	12/01/2020	1994000

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	3
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded

10.Did IQAC receive funding from any 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)

* Rigorous preparation for NBA Accreditation to all UG courses. * Course curricula design for Autonomous in line with NEP2020 * Faculty Publication only in SCI/Scopus indexed journals * Academic audit for enhancing quality education * Steps towards improvement in ARIIA and NIRF ranking

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Initiated NBA Accreditation for department of CSE, ECE, EEE, IT and MECH	Successfully received NBA Accreditation for all departments upto 30.06.2025.
Course curricula design for Autonomous in line with NEP2020	Interdisciplinary courses and value-added courses from industries are designed and passed in Academic council meeting held on 19.11.2022
Initiation taken for new UG programs as per the current demand in industry	Approval granted to start B.Tech in Data Science course from academic year 2023-2024 onwards with a intake of 60 students
Academic audit for quality assurance in teaching and learning	Successfully completed external academic audit.

13.Was the AQAR placed before the statutory body?	Yes

• Name of the statutory body

Name of the statutory body	Date of meeting(s)
IQAC Meeting	11/11/2022

14.Was the institutional data submitted to AISHE ?	Yes

• Year

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Year	Date of Submission
2022	29/12/2022

15.Multidisciplinary / interdisciplinary

Multidisciplinary/interdisciplinary technology prepares students for careers requiring an understanding of technical problems and systems that combine principles from two or more engineering technology disciplines. Students are encouraged to work on multiple open-ended projects to design, implement, test, and evaluate mechanical and electronic hardware and software systems. They are provided with ample opportunities to work in groups, in different engineering domains. Flexible curriculum design which enables any core domain students to take up courses from computer science domain.

16.Academic bank of credits (ABC):

Academic Bank of Credits is a credit facility originally envisioned by the Government of India in the National Education Policy (NEP) 2020. The scheme has the provisions of creating a digital infrastructure that will store the academic credits earned by the students of various higher education institutes within the country. We have educated our students about the importance of the Academic bank of credits and completing NPTEL courses is a platform for students to complete any course in NPTEL and increase their ABC. Students have created their ABC IDs and started joining the courses of their choice.

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):

Outcome-Based Education (OBE) model is adopted in all Engineering colleges in India which focuses on improving technical education in India and helping budding Engineers compete with their global counterparts. Outcome Based Education (OBE) is an important tool for

student-centered instruction that focuses on measuring student performance through outcomes. Our curriculum is restructured in such a way that it Improves knowledge along with skill assuring employability to young graduates of any discipline.

20.Distance education/online education:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**11**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1 Total number of students during the year:	**1889**

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2 Number of outgoing / final year students during the year:	**474**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**1882**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic

3.1 Number of courses in all programmes during the year:	**418**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**137**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**137**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**0**
4.2 Total number of Classrooms and Seminar halls	**41**
4.3 Total number of computers on campus for academic purposes	**1003**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**708.6**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific

Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Velammal College of Engineering and Technology (VCET) was established in the year 2008, affiliated to Anna University, Chennai. VCET obtained UGC Autonomous in the year 2021. Curricula is designed by collecting feedback from internal and external stakeholders(Course instructor, Employer, Alumni, Parent) ensuring guideline of affiliating University and AICTE model curriculum and Graduate Attributes of NBA, in tune with the vision and mission of the Institution

Courses related to the environment, sustainability, Ethics, Human values and rights, solid waste management, energy conservation, etc. were designed to meet local, national, and global development needs. To list a few

21CH103 Environmental Science

21PME13 Green Supply Chain Management

21PME19 Equipment for Pollution Control

21PME20 Environment Sustainability and Impact

21PME18 Energy Conservation in Industries

21PME14 Renewable Energy Technologies

21PME39 Professional Ethics

Course Outcomes (COs) for every course are defined and mapped with Program Outcomes (POs) and Program Specific Outcomes (PSOs). In addition, assessment tools to measure COs, the strength of CO-PO mapping, and CO-PSO mapping were also designed for effective assessment of the course curriculum.

Curricula are reviewed by the Board of Studies members and approved by Academic Council. Development of new courses and advancement in existing courses adhering to AICTE model curricula are done every year based on the needs and suggestions of various stakeholders.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	http://vcet.ac.in/vcetit/curriculum.html

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

11

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	[View File](#)

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

341

File Description	Documents
Curriculum / Syllabus of such courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	[View File](#)
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

51

02-04-2024 06:21:04

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

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

11

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Environmental Education

As per the guidelines of AICTE and UGC, students of all branches of study undergo a course on Environmental Science and Engineering. The course encompasses all the aspects of the environment such as natural resources, biodiversity, pollution, alternate energy sources, and human intervention - causes and effects and social ethics. Apart from the mandatory course, an ECO club functions in the college; the club enrolls members and carries out activities to create awareness of environmental conservation.

Gender cell

VCET facilitates a gender-sensitive and congenial campus environment so that anyone in the campus is not subjected to gender-specific discrimination. The cell takes care of the issues related to gender if any and also popularizes gender equality through programs like International Women's Day celebrations. Grievance Redressal Committee takes care of the suggestions and grievances of the students and staff at all levels of the college.

Professional Ethics

Human values and ethics are very important to cultivate value-based education for students.A courseon Professional Ethics has been introduced. The curriculum also includes a mandatory course on Professional Communication, Interpersonal Skills courses to develop human values and communication skills

Content beyond the syllabus on cross-cutting technology is bridged through seminars, workshops, industrial visits, etc.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

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

8

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

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

64

File Description	Documents
List of students enrolled	View File
Any additional information	View File

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

172

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	Nil
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	Nil
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

545

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

SC 45 ST 0 OBC 485 GEN 15 OTHERS 0

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The Slow learners and Advanced learners are identified based on their performance in class tests, internal assessment tests, assignments, interaction in the classroom and laboratories, and also based on mentor interaction.

Special Programmes for Slow Learners:

- Peer groups are formed to encourage slow learners to achieve better results, by learning from their own classmates.
- The slow learners are also mentored by mentors on a periodic basis to improve their academic performances.
- Special coaching classes are arranged for slow learners beyond the regular class schedule on specific days for each course.
- At the end of each semester, Intensive Coaching Program (ICP) is conducted to help slow learners perform better in the end-semester examinations.

Special Programmes for Advanced Learners:

- Students are encouraged to complete NPTEL courses on various domains and upskill their knowledge.
- Advanced learners are motivated to be part of the team in research projects along with faculty.
- Advanced students are encouraged to compete in National/International level coding competitions such as

Google Code Jam, HackWithInfy, TCSCodeVita,etc., and national and international conferences.
- The Institution encourages students to participate in Hackathons/Design contests that are conducted for the duration of 24-36 hours aiming at solving real-world design .
- We have functional MoUs with companies like CISCO, Lync, Space Software Service, Conquer Technologies, Avian Aerospace, Dewdas Technology, Labtech Electronics Pvt. Ltd,, through which students are offered training and internship.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/09/2022	1889	137

File Description	Documents
Upload any additional information	[View File](#)

2.3 - Teaching- Learning Process

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

The curriculum and syllabus are designed towards the student-centred approach that inculcates active learning in the students.

Experiential Learning:

- Apart from the regular laboratory sessions, mini projects in theory courses enable the students to develop working models demonstrating the skills of learning.
- Idea Presentation events conducted in the institution explore the practical potential among the students.
- Industrial visits and Field visits are regularly arranged to enhance the practical knowledge of the students where they get exposure to relate the theory with the practices that prevail in the industry.

Participative Learning:

- Students at VCET showcase their self-learning capability by taking one-credit courses, value-added courses, Swayam/NPTEL courses, and competitive examinations.
- Activities like group assignments, debates, group work in laboratory sessions, and developing prototype/ working models build and nurture teamwork among the students.
- Students actively participate in many competitions like HACKTHON, and Start-Up Mania and have an opportunity to interact with industry personnel/experts.

Problem-Solving Methodologies:

- Objective-type questions in higher levels of thinking are given as an assessment test to focus on critical thinking.
- Case studies, Collaborative learning models and Simulation tools are effectively used to enable the students to providesolutions for real-world problems.

File Description	Documents
Upload any additional information	[View File]
Link for additional Information	https://drive.google.com/drive/u/1/folders/1z--US4Cz4V0m_UiAmYtlpsV5ovhQUV-3

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

The faculty at VCET use various ICT enabled tools to enhance the quality of teaching-learning like:

- Classrooms are furnished with LCD projectors to facilitate technical presentations (seminars/workshops).
- Computer laboratories with high-speed Internet connection are available for research paper presentations, seminars, debates, group discussions, assignments, quizzes/tests/viva-voces and laboratory work.
- The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching- learning process.
- To teach mathematical subjects in online mode, teachers employ various online tools like- whiteboard in Microsoft Teams, Jamboard in Google Meet, etc.
- Online e-resources like National Programme on Technology Enhanced Learning (NPTEL) and YouTube lectures are utilized to

assure the teaching-learning process to be effective.

- The students and faculty members are provided with excellent library facilities such as sufficient books and journals, appropriate seating and reading arrangements, proper classification and arrangement of books, high-speed Wi-Fi connectivity, Web OPA, etc. It has the subscription of IEEE and Elsevier (Science Direct) online journals for students' reference.
- Google Classroom is used to manage and post course related information, learning materials, quizzes, lab submissions, evaluations, assignments, etc.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://drive.google.com/drive/u/1/folders/1z--US4Cz4V0m_UiAmYtlpsV5ovhQUV-3
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

117

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Preparation of Academic Calendar:

Before the start of an academic year, the institution prepares the academic calendar well in advance before the commencement of classes. The academic calendar has the details of commencement of classes, internal assessment tests, seminars, workshops, and other events organized by each department.

Preparation of Teaching Plan:

Academic calendar creates an awareness of the number of working days available in hand to both the faculty members and the students. The faculty members synchronize their delivery of contents with the available working days of the academic calendar. Lesson plans are also prepared for each laboratory course. Laboratory manuals are prepared in advance which gives a detailed description of the experiments.

Adherence to the Teaching Plan:

Based on the academic calendar, Internal Assessment Test is conducted according to Institute standard procedure approved by the CoE, Dean (Academics) and Principal.

The Academic Audit Committee verifies the course file whether activities are carried out as per the teaching plan or not at the end of the academic year. The comments on any variation with respect to the lesson plan and lecture record are communicated to the faculty concerned.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

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

137

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	[View File](#)

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

30

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

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

1123.5

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

84

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

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

249

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

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

1. **The Controller of Examinations(COE) prepares the Academic Calendar in discussion with the Principal, Dean, HODs and other functionaries before the commencement of classes and decimated to the students through the portal.**
2. **The examination cell, based on the approved academic calendar, will prepare a timetable to conduct continuous internal Assessments & End semester examinations of theory and lab examinations, evaluation etc.**
3. **The Student Information System portal has the facility to enter attendance, unit test marks, CIA marks, and assignment marks. The internal Assessment marks will be calculated based on the weightage given to each category.**
4. **End-semester marks are calculated as a summation of 40% of internal marks and 60% of external examinations.**
5. **After the publication of the results, the students can go through their answer scripts and scheme of evaluation and appeal for revaluation.**

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://vcet.ac.in/vcetattendance/start.php

2.6 - Student Performance and Learning Outcomes

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

The institution follows "Outcome Based Education" and imparts education through a student-centric approach. The curriculum composition is carefully designed to attain the defined COs,POs, and PSOs.

Communication of Course Outcomes(CO), Program Outcomes(PO)& Program Specific Outcomes(PSO):

The COs, POs & PSOs including Institute Vision/Mission and Department Vision/Mission have been displayed/ published at

appropriate places to communicate with allstakeholders such as faculty, students, alumni, parents, and employers.

1. College website (www.vcet.ac.in)

2. Laboratories

3. Notice Board

4. Course file

5. Student Hand Books

6. Student Lab Manuals

7. Master Lab Manuals

8. Staff rooms

9. Seminar Halls

10. Library

11. Discussion during the induction program

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	**No File Uploaded**
Link for additional Information	http://vcet.ac.in/index.html

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

Course Outcomes Assessment Tools & Processes:

1. The assessment tools are selected based on the nature of the courses (e.g., Theory, Lab, and Project) and the performance

of the students are evaluated for each CO.

2. The assessment process uses both direct and indirect measures to measure the attainment of each course outcome through continuous internal assessment, end-semester examination, Assignments and quizzes, projects and other tools related to each course.

3. Indirect assessment is carried out through a course exit survey for every course to get feedback from the students to know about their level of attainment of each course outcome.

Assessment of POs and PSOs:

1. Course outcomes are mapped to appropriate program outcomes and program-specific outcomes through the course and program articulation matrix.

2. The analysis ofCO-PO attainment helps in finding the weak areas and a detailed plan of action of events is planned would help in the further improvement in the attainment of the POs/PSOs.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://drive.google.com/drive/u/1/folders/1z--US4Cz4V0m_UiAmYtlpsV5ovhQUV-3

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

466

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	[View File](#)
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

http://vcet.ac.in/vcetit/aqar.html

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

- The institute promotes research and development activities and has a well-defined research policy in place to encourage faculty members to take R&D activities to a higher level.
- The research and development cell is headed by Dean (R&D). The activities of cell will be formulated by Research board members who are senior faculties with Ph.D. under the guidance of the Dean (R&D).
- R&D cell conduct programs so as to enrich the professional skills of students and teachers towards R&D. This cell will also help the faculties publish papers and submit quality and innovative project proposals to funding agencies.
- In addition to that professional societies like IIC, ISTE and IEEE will also conduct programs that can help both the teaching and student community to promote research activities.
- The institution has centralized facilities and research centers to cater to the needs of faculty, and students across UG, PG and Ph.D. levels.
- Recently, IoT lab, Robotics lab, 3D printing has been established.VCET provides financial support to participation in attending FDPs, and national and international Conferences to promote the R&D culture among the faculty.
- Seed money for students is given based on projects selected through ideation contests conducted by professional bodies.
- The institute subscribes to IEEE, emote Access to IEEE website is given to the faculty and students to access research papers any time anywhere.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	http://vcet.ac.in/vcetit/pdfs/Research/Research%20Policy.pdf
Any additional information	View File

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

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

`0.40850`

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

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

`0`

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

3.2 - Resource Mobilization for Research

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

159.05

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

5

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://vcet.ac.in/vcetit/research.html
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

25

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

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

5

File Description	Documents
Supporting document from Funding Agencies	[View File]()
Paste link to funding agencies' website	https://dst.gov.in/technology-development-program-tdp
Any additional information	[View File]()

3.3 - Innovation Ecosystem

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

The institution has an ecosystem for innovations through R & D cell, CIPD, MSME, IIC and various clubs in each department.

The R & D cell holds periodical review meetings and guides in writing project proposals, and scientific papers leading to publication and filing patents.

The Institution Innovation Council of VCET helps in building an ecosystem of innovation and entrepreneurship. IIC conducts start up awareness activities such as workshops, idea competitions, lab visits around the year.

Sessions are conducted tocreate awareness about design thinking, and patent filing, and enable students to pitch in their proposals. The selected ideas are awarded seed money by VCET Management to take their proposals forward.

The career guidance cell and Entrepreneurs development cell conducts programs for inculcating leadership qualities and assisting in higher studies.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://vcet.ac.in/vcetit/pocgc.html

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

61

File Description	Documents
Report of the events	[View File](#)
List of workshops/seminars conducted during the year	[View File](#)
Any additional information	**No File Uploaded**

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	**C. Any 2 of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	[View File](#)
Any additional information	[View File](#)

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

61

File Description	Documents
URL to the research page on HEI website	http://vcet.ac.in/vcetit/publication.html
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	[View File](#)
Any additional information	[View File](#)

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

47

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

12

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://vcet.ac.in/vcetit/publication.html

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

2292

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

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

3.4.6.1 - h-index of Scopus during the year

24

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0.25

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	**No File Uploaded**
Any additional information	View File

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

0.25

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

3.6 - Extension Activities

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

The NSS Unit of VCET has actively conducted various plantation and cleanliness drives, blood donation camps with Velammal Medical College, and volunteering activities in NGOs.

NSS has Organized Awareness Programs on "COVID-19, Alcoholism

Awareness Programs,Vaccination Camps,"Mask Mela" programs, road safety, drug awareness program etc...

The activities conducted lead to imbibing the values of social responsibility such as: 1. To help people in need and distress 2. To understand and share the need of underprivileged children 3. To promote cleanliness in all spans of life and common places. 4. To acquire social values and a deep interest in environmental-related issues.

Learning outcomes of the activity: 1. Enlarge the knowledge of societal issues and problems and search for solutions by getting involved with their lives. 2. Build up relations and tie up with organizations / NGOs to carry forward humanitarian work in the future. 3. Develop a passion and brotherhood towards the community, affected people/animals, and destitute. 4. Develop skills and aptitude for problem-solving. 5. The skills developed include social skills communication skills, management skills, leadership skills, analytic skills, perceptual skills etc.

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

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

31

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

21

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

250

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

209

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

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

32

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The college has adequate physical and academic facilities required as per University Grant Commission guidelines to run the different programs.

1. **Classrooms:** Number : 38, Capacity: 60 -75 Size: 9m * 9m

    - Equipped with Multimedia Projector, Podium, Fan, Light, Table with chair, Glass board with good ambience, adequate lighting and good ventilation.
    - Wi-Fi enabled to implement Active Learning strategies

2. **Tutorial Rooms:** Number : 06, Capacity: 60 - 75 Size: 9m*9m

    - Equipped with LCD Projector, Wi-fi, White Board

3. **Seminar Halls:** Number : 03, Capacity: 90 - 120

    - Equipped with LCD Projector, Wi-Fi, Audio, and Video facilities. These halls are regularly used for conducting national/international seminars at the college.

4. **Drawing Halls:** Number: 02, Capacity 30-70

    - Equipped with Drawing tables, Chairs, Fans, Light with good ventilation and ambience.

5. **Laboratories:**

Number of Laboratories: 40, Capacity: 30-60

    - All laboratories are well-equipped with state-of-the-art equipment and facilities.
    - These labs are utilized for conducting practical classes per the curriculum's requirements.
    - Labs are also utilized for technology learning & training as a part of teaching content beyond the syllabus.

6. **Computing Facility:** Internet facility is available on the whole campus 24/7, including labs, classrooms, library, offices of all Departments, and hostels.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://vcet.ac.in/vcetit/out.html

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

- **VCET has well-equipped sports facilities catering to the students' sports and games requirements.Our students regularly Participate in Anna University Tournaments, Association Tournaments, and invitation tournaments and bring laurels to the institution.**
- **The College has a fully Air-Conditioned auditorium, with a seating capacity of 2000 to conduct college cultural activities.**
- **Awareness of Yoga and its practice has been included in the student induction program besides which Yoga Day is celebrated every year in the institute.**

SPORTS & GAMES PLAY FIELD INFRA - STRUCTURE DETAILS

S.NO

DESCRIPTION

DETAILS

1

Play Field

Total area

3 Acres

2

Outdoor

Sports & games

Basketball Court

1 No

15m X 28m

Kabaddi Court

2 Nos

13m X 10m

Volleyball Court

2 Nos

18m X 9m

Tennis Court

2 Nos

23.77m X 10.97m

Handball Court

1No

40m X 20m

Ball Badminton

2 Nos

24m X 12m

Badminton Court

2 Nos

13.40m X 6.10m

Kho - Kho Court

1 No

19m X 30m

02-04-2024 06:21:05

Track & Field

Non - Standard

200 Mts

Long Jump Fit

1 No

3m X 9m

3

Indoor

Sports & Games

Table Tennis

3 Board

30m X 30m

Chess

15 Board

Standard

4

Gymnasium

11m X 8.50m

File Description	Documents
Geotagged pictures	[View File]()
Upload any additional information	[View File]()
Paste link for additional information	http://www.vcet.ac.in/vcetit/sports.html

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

41

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

708.60162

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

College library is automated with the following ILMS:

Name of the ILMS: Autolib- Library Management Software

Nature of Automation : Fully

Version : MS -SQL 5.1 with WEB OPAC

Year of Automation :2009

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.vcet.ac.in/vcetit/library.html

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

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

10.36 L

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

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

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

10860

File Description	Documents
Upload details of library usage by teachers and students	[View File](#)
Any additional information	**No File Uploaded**

4.3 - IT Infrastructure

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

The college has a high-speed campus-wide network with 1003 systems. The required software as per the curriculum is installed and updated. The maintenance of the computers is done by the technicians

as and when required. The computesareupdated on a regular basis.Anti-virus software isinstalled and updated regularly. LAN facility: 3-Layer Switching (Core, Distributed and Access) model is implemented. Core layer switches in the buildings are connected with the Optical Fiber Ring Network (1.75Km Ring). This core switching is further extended to Distributed Switching for departments. Where 100/1000 Mbps (Gigabit Switches) are installed.

The College also has 300 Mbps Broadband from Bharathi Airteland has provided Wi-Fi access points at various locations int he campus includingClassrooms, Laboratories, corridors and the Green lawn area.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1889	1003

File Description	Documents
Upload any additional information	[View File](#)

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

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available	E. None of the above

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

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

25327626

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	[View File](#)

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

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities such as laboratory, sports complex, computer, classroom etc in the institute. The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in house staff on daily basis and periodically. And care has been taken to keep the equipment's, machine etc in working condition. In case of breakdowns standard procedure is followed to bring the equipment/machine in working condition. A supervisor is appointed to monitor and maintain the physical facilities and Housekeeping. 1. Laboratories (All Labs & Computer center):

Each laboratory has one faculty as lab in charge, a Lab Assistant. Lab in charge is responsible to maintain and upgrade the laboratory with necessary equipment's from time to time to cope with change in the syllabus. Dead stock verification (Physical Verification) is carried out to verify working/nonworking/missing equipment's etc.

Preventive maintenance and performance monitoring is carried out. Every laboratory assistance keeps the record of utilization of equipment's, computers and other required material for experiments. 2. Library:

Librarian and supporting staff has been appointed to maintain the central library. They focus on the availability and utilization of instructional material in the teaching and learning process. At end of the Academic year stock verification is done. Librarian will prepare the report on

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[www.vcet.ac.in](#)

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

449

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

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

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Institutional data in prescribed format	**No File Uploaded**

5.1.3 - The following Capacity Development	A. All of the above

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

File Description	Documents
Link to Institutional website	vcet.ac.in
Details of capability development and schemes	View File
Any additional information	View File

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

1402

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	[View File](#)
Details of student grievances including sexual harassment and ragging cases	[View File](#)
Upload any additional information	[View File](#)

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

370

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

5.2.2 - Number of outgoing students progressing to higher education

21

File Description	Documents
Upload supporting data for students/alumni	[View File](#)
Details of students who went for higher education	[View File](#)
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

2

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

9

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

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

The following departments have clubs/Associations in which students are active members.All associations consist of studens as Secretary, Joint Secretary, Treasurer and Steering committee members.

CSE Association,EEE Association,ECE Association

Students organize and conduct quiz contest, project contest, workshop on machine learning for their respective branch of student community.

ISTE,IE(I) student chapter,IETE(Instituion of Electronics and Telecommunication Engineeris)

Student members conduct quiz contest, project contest, essay writing to nurture the knowledge of their classmates.

ECO club,Literary club. Quiz, Renewable Energy club

Students are also active members of the above mentionedclubs, where they insists their fellow students about green campus and ECO friendly clean classroom by conducting events like script writing, elocution on the relevant topics. With the help of students, Reneable Energy club brings saving electrical energy awareness among students.

National Service Scheme(NSS)

National Service Scheme(NSS) is very active among student community. The chiefmotto or watchword of the National Service Scheme is "NOT ME BUT YOU". It has carries out activities likeBlood donation camp,Fire safety awareness program,Health Awareness program,Disaster Management Program,Traffic Awareness program,General Awareness program(Dengue/Swine flu/Aids/Drug Abuse/Hygiene/E-waste/Ban on plastics),Special Camps,Mental Health program,Motivation program,Moral Education program,Personality Development program,Orientation program

GenNext 2022

Under the banner of symposisum GenNext 2022 all branch students have unitedly organized nearly 30 technical events like project olympia,technical show,treasure hunt,read and act, machinist,etc.,

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://vcet.ac.in/vcetit/pdfs/NAAC/Supporting%20documents/5.3.2%20Students%20Club%20and%20Associations.pdf

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

8

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	**No File Uploaded**

5.4 - Alumni Engagement

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

Alumni Association

The concept of alumni association evolved for needs from both the

ends, i.e. academicians and professionals, in the aim of building a bridge between college life and career life, so that the fresher graduates are made proactive to face the current challenges of competitive professional world. The Alumni Association of Velammal College of Engineering and Technology, Madurai was formed on 29th May 2014, named as "VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY ALUMNI ASSOCIATION" in the presence of Dr. N.Suresh Kumar- Principal , Mr.Padmanathan, Coordinator of the Alumni Committee and other faculty members and many enthusiastic former students of the college.

OUR MISSION:

- To re-unite in the nest from where we grew and flew off.
- To build a bridge between college life and career life, so as introduce present students to the professional world and to make them proactive to face the challenges that may emerge in their career path.
- To provide job opportunities to fresh bachelors through references of professionals.
- To conduct orientation and training programs to students on various topics to enhance their skills.
- To create awareness among students about the scope of their subject in the professional world.
- To provide a platform for students to develop their qualities.

Alumni Associationcoordinates and supports the following activities:

1. Annual Alumni Meet

2. Department level Alumni Interaction

3. knowlege tranfer

4. placement for Final year students

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://vcet.ac.in/vcetit/alumni.html

5.4.2 - Alumni's financial contribution during the year	E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

```
Vision

• To emerge and sustain as a center of excellence for technical and
managerial education upholding social values.

Mission

Our aspirants are:

• Imparted with comprehensive, innovative and value – based
education.• Exposed to technical, managerial and soft skill
resources with emphasis on research and professionalism.• Inculcated
with the need for a disciplined, happy, married and peaceful life.

Nature of Governance:

The institution follows a democratic and participatory mode of
governance with all stakeholders participating actively in its
administration. The Governing Body delegates authority to the
Secretary, Vice chairman and Principal who, in turn share it with
the different levels of functionaries in the college. The Deans and
Heads of Departments, the Conveners of various committees and cells
along with the staff representatives on higher decision-making
bodies play an important role in determining the institutional
policies and implementing the same.

Perspective/Strategic Plan :

1. Application for grants from government and non-government
sources.

2.Renovations to revive the ageing infrastructure of the
institution.

3. Improvement of the Scope and Profile of the Teaching-Learning
```

Experience through greater use of ICT and other innovative means.

4. Achievement of national and international recognition in the form of grants and awards.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	http://vcet.ac.in

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

The Organizational structure consists of Vice chairman, Principal, Deans,Heads of the Departments (HoD), Controller of Examinations,under the leadership of Chairman for effective functioning, as follows:

Dean (Planning and Development): Quality Systems, Alumni Interaction, International/National Collaborations

Dean (Academics): Curriculum Design, Content Delivery, Assessment, Automation of Academic Process, Regulations, Academic Calendar

Dean (Research and Development): PhD Admissions, Academic

and sponsored Research, Library

Dean (Industry Institute Interaction): Consultancy, Patents,

Entrepreneurship, Placement/Internship

Dean (Students Affairs): Mentoring, Counseling, women Development

Cell, Professional Societies, Student Clubs, Career Guidance YRC/NSS, Physical Education, Cultural, Technology based social work

Controller of Examinations: Exam-related activities

The academic and administrative activities are being carried out by the respective HoDs following the Standard Operating Procedure set by Senior administrators. The Principal and Deans along with HoDs, based on their own experience in academic and research activities, convert them into tangible actions. They are reviewed by the

Governing Council of the institute. The Principal discusses the outcomes of Governing Council meetings with the Deans and HODs to evolve a consensus on the focus areas.The academic activities are approved by the Academic Council.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

The Institution's major objective is to adhere to the vision of the college, which is to emerge and sustain center of excellence for technical and managerial education upholding social values. In order to achieve this, separate core areas are identified and headed by corresponding deans. The core areas are, Academics Dean (Academics) focus on smooth conduct of academic activities. Regular monitoring and auditing of Teaching Learning Process (TLP). Online courses, ICT tools for teaching, continuous monitoring in course handling is implemented. Board of Studies, Academic Council arrangements are conducted and maintained. Student Affair Dean (SA) continuously monitor student activities, disciplinary measures, counselling procedures. Students registering for government portal is monitored and ensured. Alumni Interaction and Career Guidance programs are conducted periodically. Research and Development Dean (R&D) is implementing research culture within faculty members of VCET. Periodic assessment of research findings, proposals, journal articles are consolidated and follow up process is maintained. Planning and Development Dean (P&D) holds complete establishment of the institution focusing on infrastructure, NIRF ranking of the college. Marketing and Outreach of the institution is also performed. Industry Institute Interaction Dean (III) maintains cardinal relationship with various industries and many employers to enhance placement, internship support, Training activities.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The following are the committees and members constituted for the management of

different institutional activities:

1. Board of Trustees: Chairman, CEO, Trustees

2. Governing Council: Industrialist, Academician and Advisor

3. Academic Council: Academician and Industrialist

4. Budget and Finance Committee: Senior faculty and coordinators

5. Purchase Committee: Senior faculty and group of members

6. Hostel Maintenance and Canteen Committee: Hostel warden and faculty members

7. Awards Committee: Senior Faculty and coordinators

8. Faculty Development Committee: Principal, Dean(Academics) and coordinators

9. Library Committee: Librarian and coordinators

10. Disciplinary/ Anti-ragging Committee: Team of Teaching and non teaching members

11. Gender Issue Cell: A senior faculty and coordinators.

12. Newsletter/ College Calendar /Prospectus committee: Coordinators and faculty

13. Complaints cum Redressal Committee: Dean (Academics)and coordinators

14. Transport Committee: Senior faculty and team members

15. Internet Committee : Dean (Planning & Development) and system administrative team

16. Placement Committee: Dean (Industry interaction), Placement coordinator and team members

17. Research Committee: Dean (Research & Development) and coordinators

18. Sports Council: Physical director and team members

19. Extra and Co- curricular Committee: Dean (Student affairs) & Committee coordinators

File Description	Documents
Paste link to Organogram on the institution webpage	http://www.vcet.ac.in/vcetit/pdfs/VCET-HR-POLICY-FINAL-VERSION-2016.pdf
Upload any additional information	View File
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	No File Uploaded
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

Teaching Non-teaching Students Free Transport, Full fee concession for wards in Velammal Schools, Concession in Medical Expenses in Velammal Medical College Hispital and Research Institute Membership of Group Insurance Full fee concession for wards in Velammal Schools, Concession in Medical Expenses in Velammal Medical College Hispital and Research Institute Concession in Medical Expenses in Velammal Medical College Hispital and Research Institute

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.vcet.ac.in/vcetit/pdfs/VCET-HR-POLICY-FINAL-VERSION-2016.pdf

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

0

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)	No File Uploaded

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

2

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development

Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

161

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institution is being purely private institution, the financial audit is conducted scrupulously and diligently. The external auditor appointed audits the accounts every year and prepare the statements of accounts which is dully signed. The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. Internal audit is conducted half yearly by the internal financial committee of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is submitted to the management of the institution through principal. External audit is conducted once in every year by an external agency. The mechanisms used to monitor effective and efficient use of financial resources are as below: Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management. College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non – recurring expenses like lab equipment purchases, furniture and other development expenses. The expenses will be monitored by the accounts department as per the budget allocated by the management. The depreciation costs of various things purchased in the preceding years are also worked out.

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

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

0

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

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

The institution seeks to mobilize government and nongovernment grants for the improvement of institutional infrastructure and knowledge resources and to that end prepares, vets and submits proposals to the relevant funding agency. Mobilization of Intellectual and other Abstract Resources.

• The institution mobilizes its human resources, too by visualizing, designing and implementing academic and co-curricular activities that challenge the students to the utmost and develop their potential to the fullest.

• It encourages all staff members to reach their personal and professional growth goals by cooperating with their career development imperatives and discipline specific aspirations.

• Most importantly, it is the abstract resources of intellectual and moral probity, along with a social conscience and cultural inclinations which are prioritized and cultivated by the institution in the overarching plan of its progress.

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

6.5 - Internal Quality Assurance System

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

The IQAC Cell of the college works towards improving and maintaining the quality of education, identifying and suggesting new ways of using teaching aids, developing suitable infrastructure, and offering suggestions for the new self-finance courses. IQAC is an effective and efficient internal coordinating and monitoring mechanism. The IQAC plays a vital role in maintaining and enhancing the quality of the institution and suggests quality enhancement measures to be adopted. The IQAC meets every quarterly to plan, direct, implement and evaluate the teaching, research, and publication activities in the College. The sub-committees dealing with various activities and departments implement the IQAC guidelines and report the feedback. Strategic planning of key areas and assigning responsibilities -

1. Academic results

2. Student technical training

3. Student soft skills development

4. Placement support

5. Faculty development programs

6. Research and development

7. Interaction with industry

8. NBA accreditation Monitoring and mentoring of academic and administrative activities. Academic inspections are carried out periodically to assess the quality of academics.

The inspections involve: 1. Review of healthy academic practices

2. Mechanisms to identify and reform academic practices

3. Review of departmental facilities

4. Facilitate implementation of innovative methods in the departments

5. Self-development of faculty members

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

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

After establishing the IQAC in the college, started working towards quality education and inculcating a quality culture among the students and staff. The IQAC has also contributed towards institutionalizing quality assurance strategies and developed various processes as follows:

1. Promote industrial involvement in academic practices by organizing industrial training, industrial visits, workshops, and guest lecturers from industry experts, MOUs, etc.

2. Implementation of Outcome-based learning education in each program

3. Introduces the aptitude classes and soft skill classes for students to enhance personality and employability.

4. Participation of college in NIRF, ARIIA, NBA, AISHE, and various other quality audits recognized by the state, national and international agencies.

5. Establishment of Institute Innovation Council (IIC) under MHRD.

6. Establishing Research and Development cell to promote Research and Development activities.

7. Conducting quality programs i.e., seminars, webinars, guest lectures, conferences, etc.

8. Establishment of various processes to take feedback/surveys from various stakeholders.

9. To implement and enhance the use of ICT tools to strengthen the teaching-learning process.

10. Establishment of the Mentor-mentee process and its effective implementation.

11. To submit the Annual Quality Assurance Report (AQAR) annually to the NAAC.

12. External Audit for academic process is done regularly

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	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

Velammal College of Engineering and Technology has a strong ethical work culture that is based on inclusivity.Safety, security and well-being, along with gender equity and friendly working atmosphere are the issues of prime concern to VCET.

Gender sensitivity is an inherent value in the cultural ethos of the institute and its neighboring community, as is evident by the following facilities –

- Well-trained and vigilant women Warden and Assistant Wardens appointed to the Girls Hostel in the campus.
- Awareness campaigns on women safety and gender sensitivity through street plays rallies and camps by NSS student volunteers.
- Security guards are deployed at main gate and students with valid identity cards are allowed into the campus.
- The college campus is under surveillance with CC cameras installed at prominent locations.
- Internal Complaints Committee (ICC) interacts regularly with the girl students and resolves the issues addressed by them.
- The college ensures social security through Anti-Ragging Committee and Grievance Redressal Committee.
- A complaint box is arranged to receive grievances or suggestions from the students which are addressed by respective committees.
- Emergency contact numbers are displayed in prominent places in the campus
- The Disciplinary committee curbs indiscipline in the campus.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	http://vcet.ac.in/vcetit/grc.html

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-	C. Any 2 of the above

efficient equipment

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

There are different types of wastes disposed in the college for which there is a proper system functioning. The following wastes are being disposed by the college:

E-Waste Management

Software upgradation is done as and when required. Low-end computers in working condition are given to schools for reusing purpose. UPS batteries are recharged/exchanged/repaired by the suppliers. The minor repairs are set right by the staff and lab technicians; and the major repairs, by the professional technicians, and are reused.

Waste Recycling System

1. The STP supplies water for our extensive lawn, tress and other plants on campus. Waste segregation is encouraged in class rooms.
2. Segregation of wet and dry waste initiated
3. Awareness program on water conservation
4. Awareness program energy conservation

E-medical Waste Management - There is no e-medical waste management system in the college.

Hazardous chemicals and radioactive waste management - There is no Hazardous chemicals and radioactive waste management system in the college.

Liquid Waste Management - The waste water is carried out through the pipeline and this is carried out to the tree plantation.

Biomedical Waste Management - There is no biomedical waste management system in the college.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geotagged photographs of the facilities	[View File](#)
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	**B. Any 3 of the above**

File Description	Documents
Geotagged 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	**C. Any 2 of the above**

File Description	Documents
Geotagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	**No File Uploaded**
Any other relevant documents	**No File Uploaded**

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

02-04-2024 06:21:05

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	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	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	[View File](#)

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	C. Any 2 of the above

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

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

The College institutionalized inclusiveness by extending equitable access to the students from socially disadvantaged communities and women through the following means.

Priority in admission to socially and economically weaker sections and women. The impact of this inclusive policy is observable from the percentage of admission of students from Scheduled Caste Communities and Most Backward Communities (MBC).

Many students who hail from the neighboring villages not only belong to socially disadvantaged communities but also to economically poor background and mainly depend on the government scholarship. Scholarship of around 20L is provided to the economicaly weaker students.

The college also organizes various cultural programs to celebrate the cultural diversity of India. Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances. These cultural events and Sports are organized at different levels- departments with four different group names – Red cherries, Yellow Plums, Green Grapes and Blue Berries.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values,

rights, duties and responsibilities of citizens:

The following programmes were conducted in the academic year 2021-22, which is related to sensitization of students and employees of the institution.

S.No

Title of the Programme/Activity

Date

Number of Participants

1

Independence Day 2020

15.08.2021

150

2

NSS Organized Awareness Program on "COVID-19" – Teaching Staff

17.08.2021

133

3

NSS Organized Awareness Program on "COVID-19" – Non-Teaching Staff

19.08.2021

50

4

ED Cell - Opportunities to become Entreperneurs

25.08.2021

50

5

NSS Organized Alcoholism Awareness Program

27.8.2021

40

6

ED Cell - Startup ideas and funding Opportunities with EDII

31.08.2021

81

7

ED Cell - Entrepreneurship Awareness Camp - Aspiring Entrepreneurs Program -2021

28.09.2021

139

8

ED Cell - Entrepreneurship Funding Opportunities

06.10.2021

62

9

NSS Organized NSS Day Program

08.10.2021

70

10

ED Cell - Sambhav-National Level Awareness Programme On Entrepreneurship (eNLAP)

25.11.2021

143

11

NSS organized Road Safety program &

Drug Awareness Program on

09.12.2021

1550

12

ED Cell - Entrepreneurship Awareness Programme on TNSI 2021

09.12.2021

50

13

National Pollution Day

16.12.2021

50

14

Republic Day

26.01.2022

40

15

ED Cell - Entrepreneurship and Startup

26.02.2022

81

16

NSS Organized Road Safety an Awareness Program

02.03.2022

1550

17

NSS VCET& VMCH & RI jointly organized A Health awareness on "Communicable & Non-Communicable Diseases" Program

17.03.2022

125

18

NSS Organized De-Worming Day Program

17.03.2022

45

19

ED Cell - 7iS for Youngsters

30.03.2022

50

20

ED Cell - Idea Hamster for Millennials

27.05.2022

50

21

ED Cell - How to build the high growth of Startup

31.05.2022

50

22

ED Cell - Financial Support for Startup

02.06.2022

30

23

Celebration of 8th International day of yoga

16.06.2022

500

24

ED Cell - Plan your Revenue stream and cost structure

22.06.2022

30

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	C. Any 2 of the above

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	[View File](#)
Any other relevant information	[View File](#)

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

Events for the academic year 2021-2022

S .No

Date

Name of the Event

1

15-08-2021

Independence Day

2

17-08-2021

NSS Organized Awareness Program on "COVID-19"

3

19-08-2021

NSS Organized COVID-19 Awareness Program

4

27-08-2021

NSS Organized Alcoholism Awareness Program

5

09-09-2021

NSS Organized Vaccination Camp Program

6

16-09-2021

NSS Organized "Mask Mela" Program on 16.09.2021 & 17.09.2021

7

08-10-2021

NSS Organized NSS Day Program on 08.10.2021

8

16-11-2021

NSS students participated in the Orientation Program.

9

17-11-2021

Orientation program for the first year students.

10

18-11-2021

Orientation program for the first year students.

11

09-12-2021

NSS organized Road Safety program & Drug Awareness Program

12

16-12-2021

National Pollution Control Day

13

05-01-2022

NSS Organized Vaccination Camp Program

14

26-01-2022

Republic Day Celebration

15

05-02-2022

NSS Students' Field Work in the College Campus. Cleaning Campaign

16

02-03-2022

NSS Organized Road Safety an Awareness Program

17

17-03-2022

NSS VCET& VMCH & RI jointly organized A Health awareness on "Communicable & Non-Communicable Diseases" Program on 17.03.2022.

18

17-03-2022

NSS Organized De-Worming Day Program

19

22-03-2022

NSS Organized COVID-19 Vaccination Camp Program

20

27-04-2022

Fine Arts Club Event – "VCET- A GATEWAY TO SUCCESS"

21

03-06-2022

Mass Cleaning Campaign

22

04-06-2022

NSS Students' Field Work in the College Campus. Cleaning Campaign.

23

16-06-2022

Celebration of 8th International day of yoga.

24

21-06-2022

International yoga day celebration a special Mass yoga day Demonstration was jointly organized by NSS, YRC & DPE.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

The Two of the Best Practices are

1. **Inculcation of Research Culture among Faculties and Students**
2. **Placement and Training**

1. Inculcation of Research Culture among Faculties and Students

Objectives of the Practice:

- To motivate the faculty and student to do research and to present/ publish the research paper at reputed journals and conference.
- To identify thrust areas to know the individual research interest supporting infrastructure considering the thrust area and the state of the art.
- To create the awareness about various funding schemes of Government, AICTE, DST, DRDO, etc., and motivate the faculty to prepare good research proposals.
- To create the awareness about patent/innovating intellectual rights.
- To develop a research culture in the Institute and lifelong learning skills among students / faculty

2. Placement & Training

Objectives of the Practice:

- To develop Placement & training cell for career counseling and Higher learning in Engineering &Technology fields.
- To set up the Training Infrastructure for conducting value added training programs and enhance the employability of students.
- To contest the best practices in conducting and coordinating the campus placement process for the industries in the institution.
- To achieve the services of competent training agencies to train the students in soft skills and personality development programme.

File Description	Documents
Best practices in the Institutional website	http://www.vcet.ac.in/vcetit/pdfs/NAAC/AQAR5/7.2%20%20Best%20Practices.pdf
Any other relevant information	http://vcet.ac.in/vcetit/placestats.html

7.3 - Institutional Distinctiveness

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

```
Vision of the Institution:

To emerge and sustain as a center of excellence for technical and
managerial education upholding social values.

A measure of sustaining as a centre of excellence is to impart
education that empowers the students to become employable/opt for
higher studies in reputed institutions/explore avenues for
entrepreneurship. The College in keeping with its Vision and
Mission, ensures that students develop the confidence to fit into
more than one of the above three categories.

The Training and Placement Cell every year begins the training
program from the beginning of the III year and the students are
given intensive training in taking up aptitude tests in logical
reasoning, technical knowledge enhancing soft skills facing
interviews both Technical and HR in multiple sessions. As the
outcome the College is justifiably proud of consistent 80-85
placement each year in highly reputed MNCs.

Preparing the students for GATE examination is an integral part of
every Department's activity and students are encouraged to sit for
GATE exams to enable to qualify them for higher studies in reputed
institutions and also boost the opportunity for employability in
PSUs.

The College lays a strong emphasis on evolving students to be
employers rather than employees and the College has set up a DST
sponsored IEDC (Innovation and Entrepreneurship Development Centre)
which caters to the development of budding entrepreneurs by
regularly organizing Entrepreneurship Development programs for
students,
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File Description	Documents
Appropriate link in the institutional website	http://www.vcet.ac.in/vcetit/pdfs/NAAC/AQAR5/7.3.%20Institutional%20Distinctiveness.pdf
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

The future plans of Action for next Academic year:

1. To create an Incubation Centre to cater to the need of society.
2. To have more industry-academic interface with functional MoU signed.
3. Conducting activities to hone the creative skills of students and provide a platform to display their creativity.
4. Initiatives for eco-friendly learning space.
5. Conducting student-focused academic and skills development activities.
6. Steps have been taken to introduce new course like B.E. (Artificial Intelligence and Data Science).
7. The institution plans to focus more on research and Development in the next Academic year by increasing the publications of faculty and also motivating the student community to write research papers.
8. 100% placement of eligible and placement-interested students.