YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	Vasavi College of Engineering
• Name of the Head of the institution	Prof. Dr. S. V. Ramana
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04023146002
• Alternate phone No.	06281979737
• Mobile No. (Principal)	09848044843
• Registered e-mail ID (Principal)	principal@staff.vce.ac.in
• Address	Door No. 9-5-81, Near Taramathi Baradari, IBRAHIMBAGH, Hyderabad - 500031
• City/Town	Hyderabad
• State/UT	Telangana
• Pin Code	500031
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	19/06/2014
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Gokarakonda Ramadevudu**
• Phone No.	**09247802706**
• Mobile No:	**09247802706**
• IQAC e-mail ID	**iqac@staff.vce.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	extension://efaidnbmnnnibpcajpcglclefindmkaj/https://vce.ac.in/IQAC/downloads/AQAR_2022-2023.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://vce.ac.in/Academics/Almanac_2023-2024.cshtml

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A++**	**3.51**	**2021**	**02/02/2021**	**01/02/2026**

6.Date of Establishment of IQAC	**08/10/2015**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
NIL	**NIL**	**NIL**	**Nil**	**Nil**

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	**4**
• Were the minutes of IQAC meeting(s) and	**Yes**

compliance to the decisions taken uploaded on the institutional website?		
• 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)

• Implemented POGIL (Process-Oriented Guided Inquiry Learning) Strategy • Introduced Stream-Based Open Elective Courses • Established Awards for Theme based Projects • Prepared for NBA Accreditation Compliance team visit • Conducted Energy and Green Audits

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
To train the faculty on active and engaged learning initiatives in teaching	Conducted workshop on POGIL on 21/10/2023
To introduce Minor Degree in Computer Science and Engineering for the students admitted in Civil, ECE, EEE and Mechanical Engineering programmes.	Minor Degree in Computer Science introduced
To introduce stream based Open Elective Courses and general pool open electives, providing more choice for the students	Stream based Open Elective Courses and general pool open electives are introduced
To introduce awards for Best Theme Based Projects	Awards for Best Theme Based Projects are introduced
To mentor students for participating in all India Hackathons.	Students are participated in national level hackathons, Two teams reached grand finale in Smart India Hackathons
To train the identified teaching and technical staff in C and Data Structures enabling them to teach and conduct C and Data Structures theory and Lab Courses	Conducted training for teaching and technical staff in C and Data Structures enabling them to teach and conduct C and Data Structures theory and Lab Courses
Preparation for NBA Accreditation for BE-IT programme	BE-IT programme accredited by NBA under Tier-1 for 3 years

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Board of Governors (BOG)	30/11/2024

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2023-24	21/12/2024

15.Multidisciplinary / interdisciplinary

National Education Policy (NEP) -2020 focuses on key reforms in higher education that prepare the next generation to thrive and compete in the new digital age and focuses on five pillars: Affordability, Accessibility, Quality, Equity, and Accountability – to ensure continual learning. It also focuses on interdisciplinary and multidisciplinary academic programs. College has introduced multidisciplinary/interdisciplinary courses for the students through open elective courses and projects. However, the college is awaiting guidelines on the implementation of NEP, from the affiliating University i.e. Osmania University and the Government of Telangana . The college will follow the guidelines, as and when issued by the Osmania University and the state government.

16.Academic bank of credits (ABC):

National Education Policy (NEP) -2020 focuses on key reforms in higher education that prepare the next generation to thrive and compete in the new digital age and focuses on five pillars: Affordability, Accessibility, Quality, Equity, and Accountability – to ensure continual learning. It also focuses on interdisciplinary and multidisciplinary academic programs. In this regard, the college is awaiting guidelines on the implementation of NEP, from the affiliating University i.e. Osmania University and the Government of Telangana . The college will follow the guidelines, as and when issued by the Osmania University and the state government.

17.Skill development:

National Education Policy (NEP) -2020 focuses on key reforms in higher education that prepare the next generation to thrive and compete in the new digital age and focuses on five pillars: Affordability, Accessibility, Quality, Equity, and Accountability – to ensure continual learning. It also focuses on interdisciplinary and multidisciplinary academic programs. The Institution provides well-structured skill training programs for students of all branches of B.E, and M.E./M.Tech, beginning from their initial semesters itself, which helps them learn progressively. English language and communication skill course is part of the curriculum, in I and II

Semesters. Additionally, the students also undergo 56 hours of training in III Semester and 56 hours of training in IV semester, to enhance the LSRW skills (Listening, Speaking, Reading and Writing). Furthermore, during the V and VI semesters, training is imparted on soft-skills such as Quantitative, Logical, Aptitude, Verbal, Reasoning to mention a few. The Institution also started Technical Skills Training programs and embedded it into the curriculum, for the students. The CRT (Campus Recruitment Training) program is conducted for the students during the summer vacation between VI and VII semesters. This program includes 140 hours of training in communication and aptitude skills. However, the college is awaiting guidelines on the implementation of NEP, from the affiliating University i.e. Osmania University and the Government of Telangana . The college will follow the guidelines, as and when issued by the Osmania University and the state government.

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

National Education Policy (NEP) -2020 focuses on key reforms in higher education that prepare the next generation to thrive and compete in the new digital age and focuses on five pillars: Affordability, Accessibility, Quality, Equity, and Accountability – to ensure continual learning. It also focuses on interdisciplinary and multidisciplinary academic programs. In this regard, the college is awaiting guidelines on the implementation of NEP, from the affiliating University i.e. Osmania University and the Government of Telangana . The college will follow the guidelines, as and when issued by the Osmania University and the state government.

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

National Education Policy (NEP) -2020 focuses on key reforms in higher education that prepare the next generation to thrive and compete in the new digital age and focuses on five pillars: Affordability, Accessibility, Quality, Equity, and Accountability – to ensure continual learning. It also focuses on interdisciplinary and multidisciplinary academic programs. The Institute adopted Outcome Based Education (OBE) to impart education through student centric approach and follow outcome oriented teaching learning process. Course Outcomes, Program Outcomes and Program Specific Outcomes are the key components of OBE. CO Attainmentis computed using Continuous Internal Evaluation(CIE- Internal examinations, Assignments, Quiz) and Semester End Examinations(SEE). Questions given in the various assessment tools are mapped to corresponding COs as indicated in the question paper. Every course must set the CO attainment levels using the set threshold. Three attainment levels

are defined as Level3: >=60% students scoring >=60% marks Level2: >=50% to =60% marks Level1: =60% marks The process of evaluating CO and PO attainmnet has been revised fromthe batch of students admitted in 2021-22 Academic year. In addition to the direct assessment tools (SEE, CIE), Course End Survey is also considered as indirect assessment tool to compute CO attainment. Direct CO Attainment = 30% of Internal Examination + 5% of Assignments + 5% of Quizzes +60% of SEE Overall CO attainment= 80% Direct CO attainment + 20% Indirect CO attainment through course end survey PO & PSO attainment computation is done using direct & indirect assessment tools. CIE, SEE, Rubrics for projects and seminars are the direct assessment tools. The COs are mapped to the POs and PSOs on the scale of 1 to 3. CO attainments and CO-PO, CO-PSO mappings are used to compute PO & PSO attainment. Student Exit Survey, Alumni Survey, Employer Survey, Parent Survey, Extra-Curricular-Activities and Cocurricular-Activities are indirect assessment tools. The questions in the surveys are mapped to POs and PSOs on the scale of 1 to 3. The responses and the mappings are used to compute indirect attainment of PO & PSO. PO& PSO attainment= 80% direct attainment+20% indirect attainment. However, the college is awaiting guidelines on the implementation of NEP, from the affiliating University i.e. Osmania University and the Government of Telangana . The college will follow the guidelines, as and when issued by the Osmania University and the state government.

20.Distance education/online education:

National Education Policy (NEP) -2020 focuses on key reforms in higher education that prepare the next generation to thrive and compete in the new digital age and focuses on five pillars: Affordability, Accessibility, Quality, Equity, and Accountability – to ensure continual learning. It also focuses on interdisciplinary and multidisciplinary academic programs. The college has made it mandatory for the students to pursue a 8 - week NPTEL SWAYAM course to become eligible for the award of the degree besides providing the facility for credit transfer against NPTEL SWAYAM courses in lieu of certain professional elective courses during VII semester. Further, the classwork for B.E. VIII and ME/M.Tech III semester is being conducted through online mode with effect from the academic year 2021-22 for facilitating the students to do internship/project outside the college. However, the college is awaiting guidelines on the implementation of NEP, from the affiliating University i.e. Osmania University and the Government of Telangana . The college will follow the guidelines, as and when issued by the Osmania University and the state government.

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:	**3406**

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

2.2 Number of outgoing / final year students during the year:	**844**

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:	**6757**

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

3.Academic	
3.1 Number of courses in all programmes during the year:	**661**

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

3.2 Number of full-time teachers during the year:	**171**

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

3.3 Number of sanctioned posts for the year:	**171**
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**377**
4.2 Total number of Classrooms and Seminar halls	**68**
4.3 Total number of computers on campus for academic purposes	**1806**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**1388.58**

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.

The curricula for the seven undergraduate engineering programs are based on the guidelines of AICTE and in tune with the vision and mission of the Institution. To produce competent engineers and to meet the needs of industries like infrastructural development, manufacturing, information technology etc., the curriculum is developed with relevance to POs and PSOs. The curriculum comprises humanities, basic and engineering sciences, professional core subjects, open and professional electives, skill development courses, theme-based projects, laboratory work, and project work. Students work as interns in industry on projects. The honours degree is offered to ECE, Mechanical and Information Technologystudents who

meet higher academic standards.

Students participate in technical and ideation contests under co-curricular activities. They also participate in extra-curricular and sports activities.

The conduct of laboratory work strengthens the students' practical understanding of theoretical concepts. Mini projects and paper presentations enhance their conceptual knowledge communication and technical skills.

Training in Soft skills and technical skills ensures life skills and better employability. To promote self-learning, students should pass one online certification examination.

The Four postgraduate engineering programs are designed with advanced core and elective courses with a focus on laboratory and research work. All of the aforementioned aspects are also covered in the curriculum of postgraduate courses.

Improved employability, placements, and gaining admission to higher education institutions in India and abroad are indicators of the success of the curriculum.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://vce.ac.in/Downloads/UGC/UGC_Approvals.pdf

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

09

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

526

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	View File
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

119

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
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	View File
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

In tune with its Vision, the college has introduced courses, namely, Human values and Professional Ethics, Environmental Science for all engineering programmes to address issues such as Gender Equality, Environment and Sustainability, and Human Values and Ethics.

Environment and Sustainability

It is a mandatory interdisciplinary course for all U.G. programs, instilling an awareness of environmental and social issues.

Open Elective courses on the environment and its protection are offered to sensitize the students on issues related to conservation and sustainability. They include Spatial Information Technology in Geographical Information Systems, Disaster Management, Green Buildings, Non-conventional Energy Sources and Solar Power and Applications.

Under NSS Activity, the students are encouraged to participate in Haritha Haram (tree plantation), Swacch Bharat Abhiyan, Awareness of Renewable Energy Sources, and water conservation in nearby villages.

Gender Sensitization

Human values and professional ethics are offered as two courses for all B.E programs. These courses emphasize a holistic understanding of ethical human conduct. They also include issues related to the dignity of women at home and in the workplace. Discussions, debates, and guest lectures about gender sensitization are organized. An exclusive committee of women faculty and female students is functioning related to gender equality issues.

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	[View File](#)

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

19

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	[View File](#)

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

2214

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

1780

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	https://vce.ac.in/Feedback/Feedback_Formats.cshtml
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

File Description	Documents
Provide URL for stakeholders' feedback report	https://vce.ac.in/Feedback/Feedback_ATR.cshtml
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

965

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)

373

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 students admitted into this institution are from diverse backgrounds, with different levels of knowledge and skills, and hence, their learning needs. After four weeks of class work commencement, for first semester students, a pre-assessment test is conducted to assess the learning levels of the fresh undergraduate

students. Assistance is provided based on their proficiency and competency levels. From IIsemester onwards slow learners are identified based on I-Internal marks and backlog history.

Assisting slow learners

Remedial classesare conducted

Student Counsellor: The learners are counselled by the in-house student counsellor.

Equity Action Plan (EAP): Financial and other assistance is provided to facilitate the learning process.

Extra classesare conducted for students appearing for supplementary exams to help them clear their backlogs.

Skill development courses (Technical Skills) and Campus Recruitment Training (CRT): Apre-test is conducted and based on the grades obtained, the slow learners are given more practice sessions and exercises to work on.

Encouraging Advanced Learners

Based on CGPA, the top ten students from each class are identified and given higher order assignments to enhance critical thinking.

Advanced learners are empowered to do Extra lab programs during the lab sessions.

Students securing Top 2% or Top 5% in the NPTEL courses are given incentives.

Best Academic Performance Awardsare given to the top 3 students of each class.

Gold medalsare given to the topper of the branch.

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
21/08/2023	3406	171

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 institution provides an effective platform for students to develop latest skills, knowledge, attitude, values to shape their behaviour appropriately. All departments conduct innovative programs stimulating the creative ability of students, providing them a platform to nurture their problem-solving skills, and ensuring participative learning.

Faculty make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods:

Experiential Learning: The institution imparts the following experiential learning practices to enhance creativity and cognitive levels of the students.

- Laboratory Sessions
- Summer Internship
- Mini-Projects,
- Theme-based projects
- Co-curricular activities
- Virtual Labs
- Course based projects

Participatory Learning:Students participate in various activities as follows:

- Paper presentations
- Group Discussions/ Debates
- Seminar Presentations
- Presentation and publishing of papers in conferences and journals
- Innovative teaching methods such as Flipped Classroom, Kahoot, Plickers, Mind Map and Pogil

Problem-solving methods:Departments encourage students to acquire and develop problem-solving skills by conducting events listed below:

- **Assignments based on problems**
- **Quizzes**
- **Case studies**
- **Major Project**
- **Participation in events such as Hackathons**

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

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

The classrooms and laboratories are equipped with ICT tools, including projectors, and the campus is enabled with a high-speed internet connection. Faculty members use various ICT-enabled tools to enhance the quality of teaching and learning, as detailed below:

1. **Each department has one smart board available for conducting classes.**
2. **LCD projector-enabled classrooms are provided to display PPTs, videos, and animated video lectures, making learning more interactive.**
3. **Open-source courseware from MIT and Stanford is utilized to prepare higher-order assignments and quizzes.**
4. **Microsoft Teams is used to share course-related information with students, including learning materials, PPTs, and assignments.**
5. **Microsoft Teams is also employed for conducting mini-projects, theme-based projects, and major project reviews.**
6. **The Moodle platform is used for conducting quizzes in online mode.**
7. **Google Groups are used to share course-related information, such as learning materials, PPTs, and assignments, with students.**
8. **Virtual labs are used to conduct certain experiments.**

Tools like Kahoot, Google Quiz, Flipped Classroom, and Plickers are employed to facilitate student-centric activities.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://moodle.vce.ac.in/
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

170

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

Academic Calendar/ Almanac:At the beginning of every academic year, Director-Admission & Exam Branch (AEB) prepares an academic calendar. This is made available to the staff and students before the commencement of the class work. The academic calendar is displayed on all the department notice boards, and is also made available on the college web site. Based on the academic calendar, each department prepares a plan at the department level, which includes co-curricular activities and extra-curricular activities. This academic calendar is strictly adhered to, by the departments.

Teaching Plans:The faculty prepares a 'Course Plan' which gives the number of hours required to complete each unit. The 'Lesson Plans' are prepared which includes dates for each topic of a unit and the mode of teaching. The faculty prepares Course Teaching Objectives & Outcomes (CTOO) which includes Objectives, Significance of the course, Applications and Outcomes expected by the students to learn at the end of each unit.

Approved course plans, lesson plans and CTOO are communicated to the students at the beginning of each semester. The topics covered, on

the given day as per the timetable is entered in the attendance registers as 'Lecture Record'. Effective implementation of the lesson plan and lecture record is reviewed by the HoDs.

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

171

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

85

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)

1782

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

10

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

6

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	**No File Uploaded**

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

Faculty members have been provided access to post marks for Semester End laboratory examinations through a secure and efficient system. This platform has been designed to streamline the evaluation process, making it easier for faculty to enter, review, and submit marks directly into the institutional database. With a focus on security, the system employs role-based authentication, ensuring that only authorized personnel can access and manage examination data.

The interface is user-friendly and incorporates features error detection to minimize mistakes during data entry, Validation checks, such as restricting mark inputs to predefined ranges and ensuring data consistency, are implemented to enhance the accuracy of the records. The system also facilitates real-time updates to the central database, eliminating the need for manual data transfer and reducing the risk of errors.

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

2.6 - Student Performance and Learning Outcomes

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

The institute adopted Outcome-Based Education (OBE) in 2012 to provide education through a student-centric approach and to follow an outcome-oriented teaching and learning process. Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs) are the key components of OBE.

Course Outcomes (COs): These are statements of observable student actions that serve as evidence of the knowledge, skills, and attitudes acquired in a course. The course outcomes for each course are prepared by the course coordinator based on feedback from stakeholders and are aligned with the respective POs and PSOs.

Program Outcomes (POs): These represent graduate attributes formulated as per the Washington Accord and adopted by the National Board of Accreditation.

Program Specific Outcomes (PSOs): These are specific outcomes defined for the program, outlining the competencies graduates are expected to acquire by the end of the program.

COs, POs, and PSOs have been formulated for all UG and PG programs. They are communicated to stakeholders through the following means:

Electronic Media:

• College Website

- Alumni Website

- Conference Website

- Student Group Email

Display Media:

- HoD Offices

- Faculty Rooms

- Common Areas

- Laboratories

- Notice Boards

Print Media:

- Student Books

- Syllabus Books

- Lab Manuals

- Department Newsletters

- Conference/Workshop Brochures

- Conference Proceedings

- Course Files

Interactions:

- Board of Studies Meetings

- Alumni Meets

- Induction Programs

- Orientation Programs for Lateral Entry Students

- Parent-Teacher Meetings

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	Nil

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

CO attainment is computed using Continuous Internal Evaluation (CIE) (including internal examinations, assignments, and quizzes) and Semester End Examinations (SEE). Questions in the various assessment tools are mapped to the corresponding COs as indicated in the question paper. Every course is required to set CO attainment levels using a defined threshold. The three attainment levels are as follows:

- Level 3: >=60% students scoring >=60% marks
- Level 2: >=50% to <60% students scoring >=60% marks
- Level 1: >=10% to <50% students scoring >=60% marks

In addition to direct assessment tools (SEE and CIE), a Course End Survey is considered as an indirect assessment tool to compute CO attainment.

- Direct CO Attainment:
  - 30% from internal examinations
  - 5% from assignments
  - 5% from quizzes
  - 60% from SEE
- Overall CO Attainment:
  - 80% from direct CO attainment
  - 20% from indirect CO attainment through the Course End Survey

PO and PSO attainment is computed using both direct and indirect assessment tools.

- Direct Assessment Tools:
  - CIE
  - SEE

    ○ **Rubrics for projects and seminars**

COs are mapped to POs and PSOs on a scale of 1 to 3. CO attainments, along with CO-PO and CO-PSO mappings, are used to compute PO and PSO attainment.

  • **Indirect Assessment Tools:**
    ○ **Student Exit Survey**
    ○ **Alumni Survey**
    ○ **Employer Survey**
    ○ **Parent Survey**
    ○ **Extra-curricular Activities**
    ○ **Co-curricular Activities**

Questions in the surveys are mapped to POs and PSOs on a scale of 1 to 3. The responses and mappings are used to compute the indirect attainment of POs and PSOs.

Final PO & PSO Attainment:

  • **80% from direct attainment**
  • **20% from indirect attainment**

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

2.6.3 - Pass Percentage of students

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

821

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	**No File Uploaded**
Paste link for the annual report	https://vce.ac.in/About/Annaul_Report.cshtml#

2.7 - Student Satisfaction Survey

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

https://vce.ac.in/Feedback/downloads/surveys/Students-Satisfaction-Survey_2023-2024.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

The institute provides a conductive environment and provide necessary infrastructural facilities for promoting research ecosystem. The institute encourages in conducting international conferences and faculty development programs to promote research culture. The institute provides seed funding for research projects, consultancy projects, Patents and research paper publications for encouraging the faculty and students in promotion of research. The institute received research of funding of ? 1,96,91,848 from various Government and Non-Government agencies for the Academic year-2023-24. The institute has an established NI Labview academy, Vector and signal analyzer, Software defined radio for communication and MIMO based 4G wireless communication lab in ECE Dept, Industrial IoT lab in CSE Dept, IBM server in Deep learning lab in IT Dept. The facilities in research centers and project laboratories are regularly updated. The institute has consultancy projects of worth 15.64 Lakh for the Academic year-2023-24. Research lab/Project lab are established for all the engineering departments, where the culture of research work is promoted. The departments of EEE, ECE, CSE,Mechanical Engineering were recognized as research Centers by Osmania University. The institution has a well-defined policy for promotion of research & consultancy activities. Original research

work is ensured through well publicized plagiarism policy and TURNITIN software.

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://vcenetnew//Proceedings/Faculty%20Incentives_02112022.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)

36.85485

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)

1,96,91,848

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

08

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vce.ac.in/RnD/About_RnD.cshtml
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

21

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

`01`

File Description	Documents
Supporting document from Funding Agencies	[View File]
Paste link to funding agencies' website	https://www.drdo.gov.in/drdo/labs-establishment/contact-us/defence-research-development-laboratory-drdl
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.

ED Cell encourages students to participate in several entrepreneurship related workshops and competitions. It is nurtured with additional inputs like, guest lectures, e- Talks by entrepreneurs, idea generation workshops and seminars. The primary objective of the ED Cell is to motivate and guide young students for entrepreneurial development and educate them with information about the available opportunities, and the Government schemes for becoming successful entrepreneurs. The institution has been associated with prominent entrepreneurial networks like National Entrepreneurship Network (NEN), Wadhawani Foundation, The Technology Entrepreneurship Program (TEP) of Indian School of Business, The Indus Entrepreneurs (TiE), The Telangana Hub, etc. The incubation center has a primary objective to facilitate incubation of new start-up's / enterprises with innovative technologies based on academic and industry research. The institute provides infrastructure, technical support, product engineering, networking support, seed capital and other services to encourage the students. The institute conducts outreach programs for skill development for the students in Government

diploma and ITI colleges. The Institute has received certificate of recognition from Ministry of Education- Innovation cell-Government of INDIA under the category of Promising institute for Innovation achievement. 15 Activities were conducted during the academic year-2023-24.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.vce.ac.in/CampusLife/Swayam.cshtml

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

15

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

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	[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

96

File Description	Documents
URL to the research page on HEI website	https://www.vce.ac.in/RnD/About_RnD.cshtml
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

177

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

77

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vce.ac.in/RnD/About_RnD.cshtml

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

13491

File Description	Documents
Any additional information	View File
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

873

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

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

15,64,284.00

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	View File
Any additional information	**No File Uploaded**

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

0

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	**No File Uploaded**
List of facilities and staff available for undertaking consultancy	**No File Uploaded**
Any additional information	[View File](#)

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

Service to mankind is service to God. Imparting such values and attitude to students is the motive of NSS cell of the institution. Believing in this, the institute carries out a number of extension activities in the neighbourhood community. Students are encouraged to participate in extension activities with NSS, clubs and societies to sensitize them to social issues as part of their holistic development. Every year during Independence day and Republic day, the NSS students coordinate with the other clubs of the institute to demonstrate on a current social problem.

Following Extension activities are conducted in collaboration with Government of Telangana state during the academic year.

1. **Haritha haram- Three Tree Plantation programs are conducted in collaboration with Govt. of Telangana.**
2. **COVID-19 Vaccination drive- In collaboration with Health Department-Govt of Telangana**
3. **Anti-Ragging Awareness program - In collaboration with City civil Court legal Services Authority, Senior Civil Judge, Hyderabad.**
4. **Anti-Drug Awareness program - In collaboration with The Department of Prohibition and & Excise Hyderabad-Govt of Telangana.**
5. **Traffic Awareness program- In collaboration with Hyderabad City traffic Dept, Govt of Telangana.**
6. **Blood Donation Camp - In collaboration with Institute of**

Preventive Medicine (IPM) blood Bank Government Blood Bank&Thalassemia & Sickle Cell Society

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.vce.ac.in/NSS/ABout_NSS.cshtml

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

02

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

3406

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

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)

30

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	**View File**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Vasavi College of Engineering has a beautiful landscape, eco-friendly campus, spacious classrooms, well equipped laboratories and excellent infrastructure spread over 12.7 acres.

Classrooms

Classrooms are well-furnished, spacious and well ventilated to fulfil the norms for proper visibility and audibility. They are provided with LCD projectors, LAN / Wi-Fi connectivity. Five classrooms in various departments have digital boards to aid the teaching learning process.

Laboratories

The Institution has domain specific laboratories and project labs as

per the regulations of AICTE and Osmania University, with safety measures.

Seminar Halls

The college has four seminar halls and one conference hall in the academic blocks to conduct seminars, conferences, guest lectures, and workshops for students and faculty. They are equipped with LCD projectors, whiteboards, raised platforms and public address system with internet facility.

Mini auditorium

The college has a mini auditorium equipped with two LCD projectors and two screens, audio systems, white boards and with Internet connectivity for conducting seminars, conferences, guest lectures, workshops, Hackathons etc,.

Auditorium

The college has an auditorium of 638 sq.m. with public addressing system. It has a seating capacity for 480 people. The auditorium is used to organize cultural activities, pre placement talks, conduct events on occasions such as engineers' day, teachers' day etc. for larger audience.

Computing Equipment

The institution has 1900 computers. Every department has computer labs for conducting programming & simulation experiments. Teachers are provided with desktops having internet connectivity.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vce.ac.in/About/College/College_Video.cshtml

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

Sports Facilities

College has adequate facilities to conduct both indoor and outdoor

games. Indoor games such as caroms, chess and table tennis are organized in rooms with an area of 188 sq.m. Outdoor games such as volley ball, basket ball, cricket etc. are organized outdoor in grounds spread over an area of 17190 sq.m. Students havebagged prizes in intra-college, intercollege and university competitions

Mini auditorium

The college has a mini auditorium of 217 sq.m with the required infrastructure. It has a public address system and two LCD projectors. It has a seating capacity for 300 people. The auditorium is used to organize guest lectures, conduct events on occasions such as engineers' day, teachers' day, branch specific programs etc.

Auditorium

The college has an auditorium of 638 sq.m. with public addressing system. It has a seating capacity for 480 people. The auditorium is used to organize cultural activities, pre placement talks, conduct events on occasions such as engineers' day, teachers' day etc. for larger audience.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://vce.ac.in/Facilities/GamesnSports/About_GamesnSports.cshtml

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

68

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)

534.51

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)

Year : 2023-24

Name of the Integrated Library Management System (ILMS): SOUL (Software for University Library

Nature of Automation (Fully or Partially) : Full Automation

Version : 3.0.6

Year of Automation: 2011

Software for University Libraries (SOUL) is a state-of-the-art and user - friendly integrated library management software designed and developed by the INFLIBNET CENTRE fulfilling the requirements of college and university libraries working under client-server environment. The software is suitable for all bibliographic formats, networking and circulation protocols.

Some of the features of SOUL

- **SOUL Software Supports more than 150 languages in both Indian and foreign.**
- **Integrated with high standards cataloguing codes such as CCF, AACR2, MARC21, MARCXML&ISO-2709.**
- **Copy Cataloguing: Import the catalogue from the Library of congress online catalogue and other online catalogues.**
- **Additional information ofbook can be attached**
- **Generates barcodes along with Call Number**
- **Generates reports in various formats**
- **Highly versatile and user friendly OPAC**

Following are the modules used in SOUL software:

- **Catalogue**
- **Circulation**
- **Administration**
- **OPAC**
- **Member login/logout**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vce.ac.in/Facilities/Library/About_Library.cshtml

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)

28.4

File Description	Documents
Audited statements of accounts	[View File](#)
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

File Description	Documents
Upload details of library usage by teachers and students	<u>View File</u>
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 procured additional 232 systems in the year 2023-24 which adds up to a total of 1900 systems. All these systems are connected with high-speed campus-wide network. Labs with PC's in all the departments give ready access to computing resources, services software and applications providing specific teaching/learning needs of the department.

College has internet Facility with two leased lines, one from BSNL with 250Mbps and other from Pioneer Elabs with 400Mbps. The College also has 1Gbps Broadband from ACT Fiber and has provided Wi-Fi access points at various locations in the campus. The Internet Gateway comprising of a Web Server, Symantec Protection suite Enterprise Edition 14.1, Firewall protection through Fortigate 500E UTM, Fortianalyzer 200F, CISCO switch and other networking components have been provided for an efficient and secure LAN.

The Main Computer Centre has multiple servers namely: Windows server, Linux server, CAD/CAE server, Oracle database server, LMS server (Moodle), IBM Deep Learning Server, NPTEL Server and SOUL Server. All the servers can be accessed across the campus through LAN.

The details of major IT facilities updated in the academic year 2023 - 2024 are enclosed in the attachment.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	<u>https://vce.ac.in/Facilities/CC/About_CC.cshtml</u>

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3406	1635

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	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

E. None of the above

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)	No File Uploaded

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)

652.05

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.

The college has qualified and skilled manpower for maintenance and upkeep of laboratories, classrooms, workshops, conference and seminar halls, sports & games rooms and restrooms. Air Conditioners, UPS, Electrical Generators, Elevators, Fire fighting equipment, sewerage treatment plant, RO water plant are under Annual Maintenance Contract (AMC) with the required budget provision. The Facilities Manager oversees these support facilities.

The Computer centre has skilled man power to oversee maintenance, replacement, repair of computers, hardware upgradation, software installation, Wi-Fi and LCD maintenance etc.,. Allapplication softwares are renewed/upgraded through AMCs.

The concerned departments have a policy of calibrating the lab equipment on a regular basis.

The Library regularly adds new titles and volumes based on the requirement of the faculty and the students. It also subscribes annually to online E- journals, print journals and magazines.

Other services/facilities on the campus include :

- Cafeteria facility
- Banking/ATM facility
- Stationary and Reprographic facilities
- Transport facilities
- Fully equipped medical centre with an Ambulance

The college has 275kW roof top solar power plant to cater power requirements. It is also connected to the grid.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vce.ac.in/Facilities/Maintenance_Cell.cshtml

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

1884

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

706

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	https://vce.ac.in/Placements/Capacity_Development.cshtml
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

3406

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

491

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

75

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

159

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

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

15

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 committees consist of student representatives to promote value based education through active participation in academic, and other related activities.

Class Review Committee

This committee consists of Management Representative, Principal, Head of the respective department, and four students from each section of the programme, with more than 75% attendance and varying levels of academic record/performance representing slow, average and fast learners. This committee meets once in a semester to discuss the teaching-learning methodology, faculty performance and innovative teaching practices.

Library Committee

This committee consists of the Principal, HoDs, Faculty, Librarian and student from every section. It meets once a semester to discuss and upgrade library facilities.

Anti-Ragging Committee

This committee consists of staff, two senior students from each department and external members. They spread awareness on Anti-Ragging by displaying posters and also collect undertakings from students and their parents.

Canteen Committee

The committee of Under-Graduate and Post-Graduate students and other faculty members meet periodically to check the quality of food and hygiene in the canteen.

Internal Quality Assurance Committee

IQAC committee consisting of HODs, faculty, students and members from Industry ensures academic and administrative excellence through implementing strategies and suggestions given for continuous improvement of quality education.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vce.ac.in/Academics/Commitees/Admissions_Committee.cshtml

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

15

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

VCEAA:

Vasavi College of Engineering Alumni Association [VCEAA] is a registered forum connecting students with their almamater to reminisce and share experiences.

VASAVI COLLEGE OF ENGINEERING The interface between alumni, staff and students helps in, exchanging skills and experience, conducting seminars, workshops and guest lectures, promoting social and cultural activities, acquiring scholarships for meritorious students, and granting financial aid to deserving students.

The various contributions by the alumni are:

Guest Lectures and Career Counselling

VCEAA encourages alumni to conduct technical lectures and career guidance sessions on latest technologies and share their success stories.

Institution of awards for meritorious students

Awards/Medals/Prizes are presented to outstanding students in their academics, project work, extracurricular activities and sports. Awards are given to students during Annual Cultural fest 'EUPHORIA'.

Scholarships

Needy and deserving students are given scholarships and other forms of financial assistance to help them in their academics.

Provide internships, projects and placements

VCEAA provides internships, encourages alumni to visit the college for campus placements, provides project assistance & employee referrals to our students and facilitates industrial visits thereby increasing students' employability.

Entrepreneurship Assistance

Alumni Entrepreneurs share their experiences through "Entrepreneurship Development Cell", and encourage students in setting up their start-up companies

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.vcealumni.org/

5.4.2 - Alumni's financial contribution during the year   **D. 2 Lakhs - 5 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 and Mission Statements on the nature of governance:**

Vision:

Striving for a symbiosis of technological excellence and human values

Mission:

To arm young brains with competitive technology and nurture holistic development of the individuals for a better tomorrow

Technological excellence and human values constitute the institution's vision. Competitive technology and holistic development of the individual are stressed. The teaching-learning process imparts competitive technology to students through Basic Sciences, Humanities, Engineering Sciences, Professional Electives, Open Electives, Skill development courses and Project work. Courses in Human Values and Professional Ethics inculcate qualities as honesty, integrity, empathy, equity, fairness, etc.

- **Perspective Plans:**

The Strategic Plan for 2021-2025 is currently being implemented. Achieving higher academic standards, better placements, improved R&D, Industry-Institute Interaction, attract better human resources are key strategic factors.

The institute became autonomous in the year 2014 as part of its strategic plan 2010-2015.

- **Participation of the teachers in the decision making bodies:**

Faculty are represented on Board of Governors, Academic Council, Board of Studies, IQAC etc. Faculty are also represented as members of various other committees, viz., Anti Ragging, Grievances and Redressal, Industry-Institute Interaction, etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://vce.ac.in/About/College/vision_mission_quality.cshtml

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

The various committees are established to manage different functions at various levels. One such committee is the Library Committee.

Library committee: The Library Committee includes the Librarian, representatives from the staff of each department, and students from both undergraduate (UG) and postgraduate (PG) programs across all branches. The functions of the committee are:

1. **To prepare a budget for books needed by each department and forward it to the Finance committee.**
2. **To procure adequate No.of textbooks well in advance before the commencement of the semester, in consultation with the heads of the academic departments.**
3. **To add more titles every year in consultation with respective departments.**
4. **To enrich the library by procuring leading national/international journals**
5. **To procure quality audio and video library literature**
6. **To have a tie-up with IIT libraries and reputed libraries in the state.**
7. **To provide book bank facility to students**
8. **To conduct review meetings with students on the library facilities and utilization.**

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	https://vce.ac.in/Academics/Commitees/downloads/23-Library%20Committee.pdf

6.2 - Strategy Development and Deployment

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

The following Goals of the Strategic Plan 2021-2025 are being implemented.

1. To establish better academic practices and procedures

2. To be a choice for good quality students and competent faculty

3. To produce technically competent and ethically strong graduates

4. To encourage Research & Consultancy

5. To develop a smart campus.

Strategy 1:

1. Revision of curriculum & academic regulations:

• Introduction of lab courses for the professional electives.

• Improving the quality of mini projects and theme-based projects for participating inprestigious competitions conducted by IITs/NITs. Introduced awards for best theme-based mini projects.

• Revision in Skill Development Courses meeting the recruitment requirements.

2. Revision of examination regulations & procedures:

• More emphasis on continuous learning and assessment.

• Improvement of Bloom's Taxonomy Levels in learning and assessment.

- **Early declaration of results on completion of exams.**

3. Introduction of best practices:

- **Improving course delivery to meet learning & assessment as per Bloom's Taxonomy levels.**

- **Strengthen the Outcome Based Education(OBE).**

4. MoUs with industries and research institutions for:

- **Consultancy.**

- **Research.**

- **Faculty training.**

5. Self and Collaborative Learning Initiatives:

- **Online certification courses – through other MOOC platforms like Coursera, edX etc.**

- **Peer Group Learning.**

- **Group assignments and activities.**

6. Performance Appraisal System:

- **A comprehensive Performance Appraisal System/Mechanism.**

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://vce.ac.in/About/Downloads/STRATEGIC-PLAN-2021-2025.pdf
Upload any additional information	[View File](#)

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.

- **Established in 1981 by the Vasavi Academy of Education (VAE), Vasavi College of Engineering offers UG and PG Programs.**
- **VAE has a Governing Body consisting of the President,**

- Secretary, Treasurer and Members. Each Institute under VAE has its own Managing Committee.
- The BOG is constituted as per UGC provisions. It consists of Chairman, UGC nominee, Nominees of Management, Members representing Academia, Industry, faculty, nominees of affiliating University and State government, with Principal as the Member Secretary.
- Academic Council oversees policies and procedures regarding academic matters with Principal as the Chairman and HoDs & Senior faculty of the college, experts from premier Institutions, Industry representatives and University nominees as members.
- The College Academic Committee comprising of Principal and HoDs meets regularly for monitoring and implementation of policies.
- Directors of Student Welfare, Academic and Admissions, Placement & Training and the Controller of Exams report to the Principal.
- Functional heads for Finance, Administration, Learning Resource Centre, Computer Centre, Physical Education and Maintenance also report to the Principal.
- Other 36 committees include: Anti-Ragging, R&D, Finance, Purchase, Professional Bodies, etc.
- Administrative Manual includes employees duties, responsibilities, leave and conduct rules, recruitment process, pay scales, promotion policies etc.
- A provision is available for stake holders to give their feedback/suggestions through on-line and suggestion boxes.

File Description	Documents
Paste link to Organogram on the institution webpage	https://vce.ac.in/About/Organogram.cshtml
Upload any additional information	View File
Paste link for additional Information	https://vce.ac.in/Academics/Administrative_Manual.cshtml

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	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

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

The following measures are being implemented:

For Professional growth:

- **Academic leave with full pay for pursuing higher studies**
- **Registration fee, Dearness allowance, travel grants for teaching and non-teaching staff for attending various conferences, workshops and skill development courses.**
- **Incentives for publications, sponsored research projects, completing Ph.D, consultancy, patents and good performance in MOOCs courses**
- **Permission to faculty to deliver guest lectures at other institutes**
- **Visits to industry and higher learning institutes for knowledge acquisition**
- **For non-teaching staff, academic leave is provided for writing various examinations**

Welfare measures:

- **Gratuity for both teaching and non-teaching staff**
- **Earned leave, Half Pay leave/Medical leave, Extraordinary leave, for both teaching and non-teaching staff**
- **Maternity leave for the women staff @120 days**
- **Management contribution to Provident fund for both teaching and non-teaching staff**
- **Extension of ESI benefits to non-teaching staff @4.5% of basic**
- **Reimbursement of 50% premium for medical insurance for policy value up to**

Rs. 50,000/- for the non-teaching staff.

- **Festival advance for non-teaching staff.**
- **Emergency medical care and first-aid is available in the campus with one Nursing Assistant. General medicines are made available in the centre.**

An Ambulance with all facilities is available in the college round the clock for emergency services.

- **ATM Facility in the campus and Availability of Bank for transactions within the campus.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://vce.ac.in/Academics/Administrative Manual.cshtml](https://vce.ac.in/Academics/Administrative_Manual.cshtml)

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

83

File Description	Documents
Upload any additional information	[View File](#)
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

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

18

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	[View File](#)

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.)

144

File Description	Documents
Summary of the IQAC report	View File
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 Institute conducts both internal & external audits regularly. It has an Internal Audit Team that audits items of both Income & Expenditure. The internal auditor has been provided with the Scope and Coverage of the audit. The team checks and verifies vouchers for all transactions every quarter and submits a report tomanagement on their findings as per the terms of reference.

In addition to the above, the Institute has also appointed an External Auditor who scrutinizes all the items of income and expenditure and submits a report on conclusion of the audit at the end of the financial year.

The details of an audit carried out in the year 2023-24 is furnished as additional information.

The mechanism for resolving audit observations is given below:

The findings of the Auditors are referred to the Audit Committee of the Institute consisting of the Treasurer-Vasavi Academy of Education as Chairman, members from the VAE, and Chief Finance Officer-Vasavi College of Engineering.

The Audit Committee thoroughly goes through the findings and submits its remarks/responses. The audit report with the response of the Audit Committee is reviewed by the Managing Committee of the Institute and the Governing Body of the Society.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vce.ac.in/NBA.cshtml

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)

Nil

File Description	Documents
Annual statements of accounts	[View File](#)
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	[View File](#)
Any additional information	[View File](#)

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

• **Mobilisation of Funds:**

The chief financial resource for the Institute is tuition fee which is fixed by the Telangana Admissions and Fee Regulatory Committee (TAFRC) once in three years, based on previous year's expenditure, impact of inflation during the next three years, furtherance etc. The college furnishes details of the expenditure of the previous three years and projections for next three years to the State Fee Regulatory Committee. These include anticipated increase in salaries on account of DA revision, increments, retirement benefits, etc. The institute also submits estimates for capital expenditure. Resource mobilization therefore depends on fee fixation by TAFRC.

Funds are also mobilized through Consultancy, R&D and other projects from government agencies such as AICTE, UGC, DST, DRDO, etc.

The Sponsoring Society extends financial support to the Institute based on need and ensures the availability of requisite funds.

• **Optimal utilisation of resources:**

To ensure optimal utilization of resources, annual budget is prepared based on anticipated recurring and non-recurring

expenditure and estimates/requirements received from the departments and functional units. The budget proposals are reviewed by the Managing Committee and submitted to BOG for approval through finance committee. Expenditure analysis is carried out for every six months to monitor the income and expenditure of the institution. Monthly income and expenditure statements are prepared and audit is performed periodically to ensure optimal utilisation of the funds.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://vce.ac.in/RnD/policy_on_revenue_sharing.cshtml

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 following initiatives have been taken up by IQAC for the Academic year 2023-24.

1. Implemented POGIL (Process-Oriented Guided Inquiry Learning) Strategy
2. Introduced Stream-Based Open Elective Courses
3. Established Awards for Theme based Projects
4. Proposed BE (Minor) Degree in Computer Science for the students of Civil, Mech, EEE & ECE.
5. Prepared for NBA Accreditation Compliance team visit.
6. Conducted Energy and Green Audits.
7. Promoted Women's Welfare and Gender Sensitization
8. Integrated with the National Academic Depository (NAD) System
9. Conducted Academic Audit by External Experts
10. Hosted Workshop on NEP 2020 Implementation
11. Conducted Workshop on Active and Engaged Learning

Two of the above practices are described below:

1. Proposed BE (Minor) Degree in Computer Science for the students of Civil, Mech, EEE&ECE.

It aims to equip students from these traditionally non-CS disciplines with the skills and knowledge necessary to integrate computing and digital technologies into their respective fields. The key purposes include:Bridging the Gap between Disciplines,Meeting Industry Demand, andImproving Career Prospects.

II. Introduced awards for Theme based projects:

The introduction of Theme based projects serves several purposes that include

- Encourages focused creativity and problem-solving.
- Promotes collaboration and knowledge-sharing.
- Highlights the importance of specific themes or causes.

For various themes undertaken by student teams, 16 first-place projects and 17 second-place projects are awarded. Introducing these awards encourages participants to think critically and innovatively about topics, problems, or technologies related to the themes. It also fosters a competitive spirit among student groups, motivating them to showcase their best talents.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vce.ac.in/IQAC/About_IQAC.cshtml

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

The institution regularly reviews the teaching-learning process and its outcomes through the following methods. 1. Course End Feedback 2. Student exit survey 3. Faculty reviews 4. Semester-end feedback 5. Student feedback (CRC) 6. Academic audit.

The institution regularly reviews the teaching-learning process and its outcomes through the following methods. 1. Course End Feedback 2. Student exit survey 3. Faculty reviews 4. Semester-end feedback 5. Student feedback (CRC) 6. Academic audit.

   1. Review of result analysis:

A review of the academic performance of the students in the odd

semester examinations of A.Y. 2023-2024 of each branch is conducted and it observed that a good overall pass percentage is maintained and identified the courses with morefailure rate. Based on these findings, additional tutorial sessions, remedial classes and assignments are providedto improve pass percentage in that courses.

Branch	Sem-I(% of Pass)	Sem-III(% of Pass)	Sem-V(% of Pass)	Sem-VII(% of Pass)
Civil	48	42	81	86
CSE	87	86	95	99
CSE-AIML	81	91	92	98

ECE

84

68

87

89

EEE

75

64

78

89

IT

76

89

93

93

MECH

54

47

78

74

OVER-ALL

78

74

88

90

2. CO & PO attainments: The CO attainments are observed and it found that the majority of courses have reached the set target, however the courses that could not attain the set target are reviewed and reset the target value and proposed the observations and improvements for those courses by the concerned faculty. The CO-PO attainment gaps will be identified based on these, actions will be proposed such as revisions ofthe syllabus, curriculum changes, and sequencing of courses in scheme, to address the issues and improve outcomes.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vce.ac.in/Departments/Mech/Downloads/2018-22-Batch-PO-PSOattainment.pdf

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	https://vce.ac.in/About/Annaul_Report.cshtml
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

Safety and Security

• Main entrance, Examination halls, Canteen and Controller of examinations office have CCTV surveillance.

• Complaint and suggestion boxes are in every floor of all the academic blocks.

• Women Development Cell and Anti Sexual Harassment Committee for the safety and security of women and girl students.

Counseling:

• Ms.Rukmini Vedula is a professional student counselor. She counsels students on stress management, self-esteem issues, lack of motivation, time management, friendship issues, emotional issues, behavioral issues, adjustment issues, goal setting, etc. Lateral entry students are offered group counseling sessions to help them integrate with the mainstream students

Common Room :

• Common rooms are available in each Academic block with tables, chairs, beds with linen, drinking water coolers and washrooms, exclusively for girl students and women employees. Sanitary towels are made available in the health centre. Sanitary Incinerators are installed in the rest rooms to promote hygiene.

Number of Gender Equity Programmes Conducted during the academic year 2023-24:9

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://vce.ac.in/Facilities/Common_Rooms.cs 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-efficient equipment

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

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

• **Solid Waste Management:**

Adequate number of trash cans and dust bins are placed all over the campus to collect the solid waste and is disposed daily with the help of GHMC. Sanitary incinerators are installed; campaigns like Swachh Bharat, Clean & Green activities and plantation are conducted.

• **Liquid Waste Management:**

A Sewage Treatment Plant with a capacity of 50,000 litres installed in May 2010 treats liquid waste, used for gardening and saving potable groundwater. 24 rain harvesting pits are channelized to recharge ground water level. Arrangements are made for collection of roof water.

• **E-Waste Management:**

The e-waste includes a wide range of electronic and electrical items such as computers, printers, keyboards etc. Electronic machines and goods are put to optimum use. The institute takes efforts to minimize e-waste by repairing the computer peripheral and electronic components.

E-waste generated from various departments which cannot be reused or recycled is being disposed off centrally through certified eco-friendly vendors. Instead of buying a new machine buyback option is taken for technology up gradation. Any damages or reductions in capacity are set right by repairs. In addition, the college has

emphasis on minimum paper usage to save carbon emission in printers.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

    A. Any 4 or all of the above

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

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

    B. Any 3 of the above

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

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).

College organizes cultural and literary events that promote communal and regional harmony. Commemorative days like Independence Day, Republic Day, Yoga Day, Womens' Day, the Batukamma Festival, Durga Pooja are celebrated with the motto of promoting communal, regional and cultural harmony. The students participate in various cultural events celebrating Traditional Day which culminates in Euphoria-the college cultural fest.

A basket of ten clubs is made available to students to exhibit their creative and literary talents. These clubs develop their speaking and thinking skills adding to their literary milieu.

Under Equity Action Plan the college strives to provide equal opportunities to all students in UG and PG courses. Students belonging to the disadvantaged and socio-economically weaker sections are supported academically and financially by the management, through various schemes.

The students are admitted as per the rules issued by the Government implementing the reservation policy for admission in Professional courses in Unaided Non-Minority Institutions. Reservations are provided for women, socio economically backward sections - BCs, SCs, STs & PH, CAP, NCC, sports and games. A three week Induction program is conducted to orient the newly admitted students towards professional courses. The Institution allocates two seats per course which are Supplementary seats for J& K students under Prime Minster's Special Scholarship Scheme.

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:

To instill Moral, Social and Ethical values, the college has introduced two courses on Human Values and Professional Ethics as credit courses for all the students of B. E programs. These courses help students gain a worldview of the self, society and profession. It emphasizes on holistic understanding of ethical human conduct, trustand mutually satisfying human behavior.

The NSS unit of the institution undertakes the following activities:

- Clean and Green Programme
- Online Coaching in Government Schools
- Anti-Drug campaign and Awareness Programme
- Awareness Programs on Women Safety
- Traffic Awareness Programmes
- Voter Awareness Programme
- Interaction session with the students of Primary Government School
- Blood donation camp and mega health camps

The Street Cause of Vasavi unit started in 2012 undertakes the following for underprivileged sections of the society.

- Teach Ibrahimbagh -Educational support tothe students of Ibrahimbagh Village.
- Distribution of text books and stationeryto studentsin various villages.

Distribution of fans, lights , black boards to Schoolsin various villages

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

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

Independence Day and Republic Day are celebrated every year in the Institution. Management members of the Institution, staff members and students attend the flag hoisting ceremony every year on these occasions. Various cultural programs are also conducted after the Flag hoisting ceremony to inculcate the spirit of dedication and patriotism in staff and students. Also, academic prizes/awards are distributed on this occasion.

Dr. Sarvepalli Radha Krishnan's Birthday is celebrated on September 5th every year as 'Teachers' Day'. An eminent academician is identified and felicitated every year on this occasion As a tribute to the greatest Indian Engineer Sir Mokshagundam Vishveshvaraya on his birth anniversary, the institute celebrates 'Engineers Day' every year on September15th every year. Various technical programs are conducted to mark this occasion. Technical competitions are conducted and prizes are distributed.

An eminent Engineer is identified and felicitated every year on this occasion. As a tribute to the great Indian Scientist, Sir C.V.

Raman, his birth anniversary is celebrated as National Science Day on 28th February every year. All the academic blocks and the Learning Resource Centre in the campus are appropriately named after the great Indian Scientists and academicians as a mark of respect to their stellar contributions

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	[View File](#)

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 following are the two best practices

1. Stream Based Open Electives

2. Faculty Development Program

File Description	Documents
Best practices in the Institutional website	https://vce.ac.in/About/College/Best_Practices.cshtml
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

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

The following are the steps involved and are distinct to faculty recruitment process:

1.

Notification in leading newspapers (Qualifications as per AICTE Norms)

2.

Eligible candidates

3.

Written test

4.

Shortlisted candidates

5.

Lecture Demo

6.

Interview with duly constituted selection committee for the candidates shortlisted after Lecture demo.

7.

Selection, with periodic reviews with experts to identify areas for improvement.

- All the candidates are paid TA & DA to attend the written test and demo/interview
- For Associate Professors and Professors notification is issued in leading News Papers. Applications of eligible candidates are sent to Osmania University for evaluation of API scores. Eligible candidates face interview with duly constituted committee chaired by Dean, Faculty of Engineering and Vice-Chancellor.

This process ensures transparency and selects qualified and competent faculty to meet academic standards.

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.

The curricula for the seven undergraduate engineering programs are based on the guidelines of AICTE and in tune with the vision and mission of the Institution. To produce competent engineers and to meet the needs of industries like infrastructural development, manufacturing, information technology etc., the curriculum is developed with relevance to POs and PSOs. The curriculum comprises humanities, basic and engineering sciences, professional core subjects, open and professional electives, skill development courses, theme-based projects, laboratory work, and project work. Students work as interns in industry on projects. The honours degree is offered to ECE, Mechanical and Information Technologystudents who meet higher academic standards.

Students participate in technical and ideation contests under co-curricular activities. They also participate in extra-curricular and sports activities.

The conduct of laboratory work strengthens the students' practical understanding of theoretical concepts. Mini projects and paper presentations enhance their conceptual knowledge communication and technical skills.

Training in Soft skills and technical skills ensures life skills and better employability. To promote self-learning, students should pass one online certification examination.

The Four postgraduate engineering programs are designed with advanced core and elective courses with a focus on laboratory and research work. All of the aforementioned aspects are also covered in the curriculum of postgraduate courses.

Improved employability, placements, and gaining admission to higher education institutions in India and abroad are indicators of the success of the curriculum.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://vce.ac.in/Downloads/UGC/UGC_Approvals.pdf

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

09

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

526

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	[View File](#)
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

119

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	[View File](#)
Any additional information	[View File](#)
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	[View File](#)
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

In tune with its Vision, the college has introduced courses, namely, Human values and Professional Ethics, Environmental Science for all engineering programmes to address issues such as Gender Equality, Environment and Sustainability, and Human Values and Ethics.

Environment and Sustainability

It is a mandatory interdisciplinary course for all U.G. programs, instilling an awareness of environmental and social issues.

Open Elective courses on the environment and its protection are offered to sensitize the students on issues related to conservation and sustainability. They include Spatial Information Technology in Geographical Information Systems, Disaster Management, Green Buildings, Non-conventional Energy Sources and Solar Power and Applications.

Under NSS Activity, the students are encouraged to participate in Haritha Haram (tree plantation), Swacch Bharat Abhiyan, Awareness

of Renewable Energy Sources, and water conservation in nearby villages.

Gender Sensitization

Human values and professional ethics are offered as two courses for all B.E programs. These courses emphasize a holistic understanding of ethical human conduct. They also include issues related to the dignity of women at home and in the workplace. Discussions, debates, and guest lectures about gender sensitization are organized. An exclusive committee of women faculty and female students is functioning related to gender equality issues.

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	View File

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

19

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	View File

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

2214

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

`1780`

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	https://vce.ac.in/Feedback/Feedback_Formats.cshtml
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	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://vce.ac.in/Feedback/Feedback_ATR.cshtml
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

`965`

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)

`373`

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 students admitted into this institution are from diverse backgrounds, with different levels of knowledge and skills, and hence, their learning needs. After four weeks of class work commencement, for first semester students, a pre-assessment test is conducted to assess the learning levels of the fresh undergraduate students. Assistance is provided based on their proficiency and competency levels. From IIsemester onwards slow learners are identified based on I-Internal marks and backlog history.

Assisting slow learners

Remedial classesare conducted

Student Counsellor: The learners are counselled by the in-house student counsellor.

Equity Action Plan (EAP):Financial and other assistance is provided to facilitate the learning process.

Extra classesare conducted for students appearing for

supplementary exams to help them clear their backlogs.

Skill development courses (Technical Skills) and Campus Recruitment Training (CRT): Apre-test is conducted and based on the grades obtained, the slow learners are given more practice sessions and exercises to work on.

Encouraging Advanced Learners

Based on CGPA, the top ten students from each class are identified and given higher order assignments to enhance critical thinking.

Advanced learners are empowered to do Extra lab programs during the lab sessions.

Students securing Top 2% or Top 5% in the NPTEL courses are given incentives.

Best Academic Performance Awardsare given to the top 3 students of each class.

Gold medalsare given to the topper of the branch.

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
21/08/2023	3406	171

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 institution provides an effective platform for students to develop latest skills, knowledge, attitude, values to shape their behaviour appropriately. All departments conduct innovative programs stimulating the creative ability of students, providing them a platform to nurture their problem-solving skills, and ensuring participative learning.

Faculty make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods:

Experiential Learning: The institution imparts the following experiential learning practices to enhance creativity and cognitive levels of the students.

- Laboratory Sessions
- Summer Internship
- Mini-Projects,
- Theme-based projects
- Co-curricular activities
- Virtual Labs
- Course based projects

Participatory Learning:Students participate in various activities as follows:

- Paper presentations
- Group Discussions/ Debates
- Seminar Presentations
- Presentation and publishing of papers in conferences and journals
- Innovative teaching methods such as Flipped Classroom, Kahoot, Plickers, Mind Map and Pogil

Problem-solving methods:Departments encourage students to acquire and develop problem-solving skills by conducting events listed below:

- Assignments based on problems
- Quizzes
- Case studies
- Major Project
- Participation in events such as Hackathons

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	Nil

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

The classrooms and laboratories are equipped with ICT tools, including projectors, and the campus is enabled with a high-speed internet connection. Faculty members use various ICT-enabled tools to enhance the quality of teaching and learning, as detailed below:

1. Each department has one smart board available for conducting classes.
2. LCD projector-enabled classrooms are provided to display PPTs, videos, and animated video lectures, making learning more interactive.
3. Open-source courseware from MIT and Stanford is utilized to prepare higher-order assignments and quizzes.
4. Microsoft Teams is used to share course-related information with students, including learning materials, PPTs, and assignments.
5. Microsoft Teams is also employed for conducting mini-projects, theme-based projects, and major project reviews.
6. The Moodle platform is used for conducting quizzes in online mode.
7. Google Groups are used to share course-related information, such as learning materials, PPTs, and assignments, with students.
8. Virtual labs are used to conduct certain experiments.

Tools like Kahoot, Google Quiz, Flipped Classroom, and Plickers are employed to facilitate student-centric activities.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://moodle.vce.ac.in/
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

170

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

Academic Calendar/ Almanac:At the beginning of every academic year, Director-Admission & Exam Branch (AEB) prepares an academic calendar. This is made available to the staff and students before the commencement of the class work. The academic calendar is displayed on all the department notice boards, and is also made available on the college web site. Based on the academic calendar, each department prepares a plan at the department level, which includes co-curricular activities and extra-curricular activities. This academic calendar is strictly adhered to, by the departments.

Teaching Plans:The faculty prepares a 'Course Plan' which gives the number of hours required to complete each unit. The 'Lesson Plans' are prepared which includes dates for each topic of a unit and the mode of teaching. The faculty prepares Course Teaching Objectives & Outcomes (CTOO) which includes Objectives, Significance of the course, Applications and Outcomes expected by the students to learn at the end of each unit.

Approved course plans, lesson plans and CTOO are communicated to

the students at the beginning of each semester. The topics covered, on the given day as per the timetable is entered in the attendance registers as 'Lecture Record'. Effective implementation of the lesson plan and lecture record is reviewed by the HoDs.

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

171

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

85

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)

1782

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

10

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

6

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	**No File Uploaded**

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

Faculty members have been provided access to post marks for Semester End laboratory examinations through a secure and efficient system. This platform has been designed to streamline the evaluation process, making it easier for faculty to enter, review, and submit marks directly into the institutional database. With a focus on security, the system employs role-based authentication, ensuring that only authorized personnel can access and manage examination data.

The interface is user-friendly and incorporates features error detection to minimize mistakes during data entry, Validation checks, such as restricting mark inputs to predefined ranges and ensuring data consistency, are implemented to enhance the accuracy of the records. The system also facilitates real-time updates to the central database, eliminating the need for manual data transfer and reducing the risk of errors.

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

2.6 - Student Performance and Learning Outcomes

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

The institute adopted Outcome-Based Education (OBE) in 2012 to provide education through a student-centric approach and to follow an outcome-oriented teaching and learning process. Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs) are the key components of OBE.

Course Outcomes (COs): These are statements of observable student actions that serve as evidence of the knowledge, skills, and attitudes acquired in a course. The course outcomes for each course are prepared by the course coordinator based on feedback from stakeholders and are aligned with the respective POs and PSOs.

Program Outcomes (POs): These represent graduate attributes formulated as per the Washington Accord and adopted by the National Board of Accreditation.

Program Specific Outcomes (PSOs): These are specific outcomes defined for the program, outlining the competencies graduates are expected to acquire by the end of the program.

COs, POs, and PSOs have been formulated for all UG and PG programs. They are communicated to stakeholders through the following means:

Electronic Media:

- **College Website**

- **Alumni Website**

- **Conference Website**

- **Student Group Email**

Display Media:

- **HoD Offices**

- **Faculty Rooms**

- **Common Areas**

- **Laboratories**

- **Notice Boards**

Print Media:

- **Student Books**

- **Syllabus Books**

- **Lab Manuals**

- **Department Newsletters**

- **Conference/Workshop Brochures**

- **Conference Proceedings**

- **Course Files**

Interactions:

- **Board of Studies Meetings**

- **Alumni Meets**

- **Induction Programs**

- **Orientation Programs for Lateral Entry Students**

- **Parent-Teacher Meetings**

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	Nil

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

CO attainment is computed using Continuous Internal Evaluation (CIE) (including internal examinations, assignments, and quizzes) and Semester End Examinations (SEE). Questions in the various assessment tools are mapped to the corresponding COs as indicated in the question paper. Every course is required to set CO attainment levels using a defined threshold. The three attainment levels are as follows:

- Level 3: >=60% students scoring >=60% marks
- Level 2: >=50% to <60% students scoring >=60% marks
- Level 1: >=10% to <50% students scoring >=60% marks

In addition to direct assessment tools (SEE and CIE), a Course End Survey is considered as an indirect assessment tool to compute CO attainment.

- Direct CO Attainment:
  - 30% from internal examinations
  - 5% from assignments
  - 5% from quizzes
  - 60% from SEE
- Overall CO Attainment:
  - 80% from direct CO attainment
  - 20% from indirect CO attainment through the Course End Survey

PO and PSO attainment is computed using both direct and indirect assessment tools.

- Direct Assessment Tools:
  - CIE

- ○ **SEE**
- ○ **Rubrics for projects and seminars**

COs are mapped to POs and PSOs on a scale of 1 to 3. CO attainments, along with CO-PO and CO-PSO mappings, are used to compute PO and PSO attainment.

- **Indirect Assessment Tools:**
  - ○ **Student Exit Survey**
  - ○ **Alumni Survey**
  - ○ **Employer Survey**
  - ○ **Parent Survey**
  - ○ **Extra-curricular Activities**
  - ○ **Co-curricular Activities**

Questions in the surveys are mapped to POs and PSOs on a scale of 1 to 3. The responses and mappings are used to compute the indirect attainment of POs and PSOs.

Final PO & PSO Attainment:

- **80% from direct attainment**
- **20% from indirect attainment**

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

2.6.3 - Pass Percentage of students

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

821

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	**No File Uploaded**
Paste link for the annual report	https://vce.ac.in/About/Annaul_Report.cshtml#

2.7 - Student Satisfaction Survey

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

https://vce.ac.in/Feedback/downloads/surveys/Students-Satisfaction-Survey_2023-2024.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

The institute provides a conductive environment and provide necessary infrastructural facilities for promoting research ecosystem. The institute encourages in conducting international conferences and faculty development programs to promote research culture. The institute provides seed funding for research projects, consultancy projects, Patents and research paper publications for encouraging the faculty and students in promotion of research. The institute received research of funding of ? 1,96,91,848 from various Government and Non-Government agencies for the Academic year-2023-24. The institute has an established NI Labview academy, Vector and signal analyzer, Software defined radio for communication and MIMO based 4G wireless communication lab in ECE Dept, Industrial IoT lab in CSE Dept, IBM server in Deep learning lab in IT Dept. The facilities in research centers and project laboratories are regularly updated. The institute has consultancy projects of worth 15.64 Lakh for the Academic year-2023-24. Research lab/Project lab are established for all the engineering departments, where the culture of research work is promoted. The departments of EEE, ECE, CSE,Mechanical Engineering were recognized as research Centers by Osmania University. The institution has a well-defined

policy for promotion of research & consultancy activities. Original research work is ensured through well publicized plagiarism policy and TURNITIN software.

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://vcenetnew//Proceedings/Faculty%20Incentives_02112022.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)

36.85485

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)

1,96,91,848

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

08

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.vce.ac.in/RnD/About_RnD.cshtml
List of research projects during the year	[View File](#)

3.2.3 - Number of teachers recognised as research guides

21

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

`01`

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.drdo.gov.in/drdo/labs-establishment/contact-us/defence-research-development-laboratory-drdl
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.

ED Cell encourages students to participate in several entrepreneurship related workshops and competitions. It is nurtured with additional inputs like, guest lectures, e- Talks by entrepreneurs, idea generation workshops and seminars. The primary objective of the ED Cell is to motivate and guide young students for entrepreneurial development and educate them with information about the available opportunities, and the Government schemes for becoming successful entrepreneurs. The institution has been associated with prominent entrepreneurial networks like National Entrepreneurship Network (NEN), Wadhawani Foundation, The Technology Entrepreneurship Program (TEP) of Indian School of Business, The Indus Entrepreneurs (TiE), The Telangana Hub, etc. The incubation center has a primary objective to facilitate incubation of new start-up's / enterprises with innovative technologies based on academic and industry research. The institute provides infrastructure, technical support, product engineering, networking support, seed capital and other services

to encourage the students. The institute conducts outreach programs for skill development for the students in Government diploma and ITI colleges. The Institute has received certificate of recognition from Ministry of Education- Innovation cell- Government of INDIA under the category of Promising institute for Innovation achievement. 15 Activities were conducted during the academic year-2023-24.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.vce.ac.in/CampusLife/Swayam.cs html

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

15

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	A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	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

96

File Description	Documents
URL to the research page on HEI website	https://www.vce.ac.in/RnD/About_RnD.cshtml
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

177

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

77

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.vce.ac.in/RnD/About_RnD.cshtml

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

13491

File Description	Documents
Any additional information	[View File](#)
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

873

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	[View File](#)

3.5 - Consultancy

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

15,64,284.00

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	*View File*
Any additional information	**No File Uploaded**

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

0

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	**No File Uploaded**
List of facilities and staff available for undertaking consultancy	**No File Uploaded**
Any additional information	*View File*

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

Service to mankind is service to God. Imparting such values and attitude to students is the motive of NSS cell of the institution. Believing in this, the institute carries out a number of extension activities in the neighbourhood community. Students are encouraged to participate in extension activities with NSS, clubs and societies to sensitize them to social issues as part of their holistic development. Every year during Independence day and Republic day, the NSS students coordinate with the other clubs of the institute to demonstrate on a current social problem.

Following Extension activities are conducted in collaboration with Government of Telangana state during the academic year.

1. **Haritha haram- Three Tree Plantation programs are conducted in collaboration with Govt. of Telangana.**
2. **COVID-19 Vaccination drive- In collaboration with Health Department-Govt of Telangana**
3. **Anti-Ragging Awareness program - In collaboration with City civil Court legal Services Authority, Senior Civil Judge, Hyderabad.**
4. **Anti-Drug Awareness program - In collaboration with The Department of Prohibition and & Excise Hyderabad-Govt of Telangana.**
5. **Traffic Awareness program- In collaboration with Hyderabad City traffic Dept, Govt of Telangana.**
6. **Blood Donation Camp - In collaboration with Institute of Preventive Medicine (IPM) blood Bank Government Blood Bank&Thalassemia & Sickle Cell Society**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.vce.ac.in/NSS/ABout_NSS.cshtml

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

02

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

3406

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

75

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)

30

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	[View File](#)

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Vasavi College of Engineering has a beautiful landscape, eco-friendly campus, spacious classrooms, well equipped laboratories and excellent infrastructure spread over 12.7 acres.

Classrooms

Classrooms are well-furnished, spacious and well ventilated to fulfil the norms for proper visibility and audibility. They are provided with LCD projectors, LAN / Wi-Fi connectivity. Five classrooms in various departments have digital boards to aid the teaching learning process.

Laboratories

The Institution has domain specific laboratories and project labs as per the regulations of AICTE and Osmania University, with safety measures.

Seminar Halls

The college has four seminar halls and one conference hall in the academic blocks to conduct seminars, conferences, guest lectures, and workshops for students and faculty. They are equipped with LCD projectors, whiteboards, raised platforms and public address system with internet facility.

Mini auditorium

The college has a mini auditorium equipped with two LCD projectors and two screens, audio systems, white boards and with Internet connectivity for conducting seminars, conferences, guest lectures, workshops, Hackathons etc,.

Auditorium

The college has an auditorium of 638 sq.m. with public addressing system. It has a seating capacity for 480 people. The auditorium is used to organize cultural activities, pre placement talks, conduct events on occasions such as engineers' day, teachers' day etc. for larger audience.

Computing Equipment

The institution has 1900 computers. Every department has computer labs for conducting programming & simulation experiments. Teachers are provided with desktops having internet connectivity.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vce.ac.in/About/College/College_Video.cshtml

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

Sports Facilities

College has adequate facilities to conduct both indoor and outdoor games. Indoor games such as caroms, chess and table tennis are organized in rooms with an area of 188 sq.m. Outdoor games such as volley ball, basket ball, cricket etc. are organized outdoor in grounds spread over an area of 17190 sq.m. Students havebagged prizes in intra-college, intercollege and university competitions

Mini auditorium

The college has a mini auditorium of 217 sq.m with the required infrastructure. It has a public address system and two LCD projectors. It has a seating capacity for 300 people. The auditorium is used to organize guest lectures, conduct events on occasions such as engineers' day, teachers' day, branch specific programs etc.

Auditorium

The college has an auditorium of 638 sq.m. with public addressing system. It has a seating capacity for 480 people. The auditorium is used to organize cultural activities, pre placement talks, conduct events on occasions such as engineers' day, teachers' day etc. for larger audience.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://vce.ac.in/Facilities/GamesnSports/ About_GamesnSports.cshtml

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

68

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)

534.51

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)

Year : 2023-24

Name of the Integrated Library Management System (ILMS): SOUL (Software for University Library

Nature of Automation (Fully or Partially) : Full Automation

Version : 3.0.6

Year of Automation: 2011

Software for University Libraries (SOUL) is a state-of-the-art and user - friendly integrated library management software designed and developed by the INFLIBNET CENTRE fulfilling the requirements of college and university libraries working under client-server environment. The software is suitable for all bibliographic formats, networking and circulation protocols.

Some of the features of SOUL

- **SOUL Software Supports more than 150 languages in both Indian and foreign.**
- **Integrated with high standards cataloguing codes such as CCF, AACR2, MARC21, MARCXML&ISO-2709.**
- **Copy Cataloguing: Import the catalogue from the Library of congress online catalogue and other online catalogues.**
- **Additional information ofbook can be attached**
- **Generates barcodes along with Call Number**
- **Generates reports in various formats**
- **Highly versatile and user friendly OPAC**

Following are the modules used in SOUL software:

- **Catalogue**
- **Circulation**
- **Administration**
- **OPAC**
- **Member login/logout**

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://vce.ac.in/Facilities/Library/About_Library.cshtml

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)

28.4

File Description	Documents
Audited statements of accounts	[View File](#)
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

894

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 procured additional 232 systems in the year 2023-24 which adds up to a total of 1900 systems. All these systems are connected with high-speed campus-wide network. Labs with PC's in all the departments give ready access to computing resources, services software and applications providing specific teaching/learning needs of the department.

College has internet Facility with two leased lines, one from BSNL with 250Mbps and other from Pioneer Elabs with 400Mbps. The College also has 1Gbps Broadband from ACT Fiber and has provided Wi-Fi access points at various locations in the campus. The Internet Gateway comprising of a Web Server, Symantec Protection suite Enterprise Edition 14.1, Firewall protection through Fortigate 500E UTM, Fortianalyzer 200F, CISCO switch and other networking components have been provided for an efficient and secure LAN.

The Main Computer Centre has multiple servers namely: Windows server, Linux server, CAD/CAE server, Oracle database server, LMS server (Moodle), IBM Deep Learning Server, NPTEL Server and SOUL Server. All the servers can be accessed across the campus through LAN.

The details of major IT facilities updated in the academic year 2023 - 2024 are enclosed in the attachment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vce.ac.in/Facilities/CC/About_CC.cshtml

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3406	1635

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	**No File Uploaded**

4.3.4 - Institution has facilities for e-content development: **Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**

E. None of the above

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)	**No File Uploaded**

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)

652.05

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.

The college has qualified and skilled manpower for maintenance and upkeep of laboratories, classrooms, workshops, conference and seminar halls, sports & games rooms and restrooms. Air Conditioners, UPS, Electrical Generators, Elevators, Fire fighting equipment, sewerage treatment plant, RO water plant are under Annual Maintenance Contract (AMC) with the required budget provision. The Facilities Manager oversees these support facilities.

The Computer centre has skilled man power to oversee maintenance, replacement, repair of computers, hardware upgradation, software installation, Wi-Fi and LCD maintenance etc.,. Allapplication softwares are renewed/upgraded through AMCs.

The concerned departments have a policy of calibrating the lab equipment on a regular basis.

The Library regularly adds new titles and volumes based on the requirement of the faculty and the students. It also subscribes annually to online E- journals, print journals and magazines.

Other services/facilities on the campus include :

- Cafeteria facility
- Banking/ATM facility
- Stationary and Reprographic facilities
- Transport facilities
- Fully equipped medical centre with an Ambulance

The college has 275kW roof top solar power plant to cater power requirements. It is also connected to the grid.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vce.ac.in/Facilities/Maintenance_Cell.cshtml

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

1884

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

`706`

File Description	Documents
Upload any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

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

File Description	Documents
Link to Institutional website	https://vce.ac.in/Placements/Capacity_Development.cshtml
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

`3406`

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

491

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

75

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

159

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

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

15

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 committees consist of student representatives to promote value based education through active participation in academic, and other related activities.

Class Review Committee

This committee consists of Management Representative, Principal, Head of the respective department, and four students from each section of the programme, with more than 75% attendance and varying levels of academic record/performance representing slow, average and fast learners. This committee meets once in a semester to discuss the teaching-learning methodology, faculty performance and innovative teaching practices.

Library Committee

This committee consists of the Principal, HoDs, Faculty, Librarian and student from every section. It meets once a semester to discuss and upgrade library facilities.

Anti-Ragging Committee

This committee consists of staff, two senior students from each department and external members. They spread awareness on Anti-Ragging by displaying posters and also collect undertakings from students and their parents.

Canteen Committee

The committee of Under-Graduate and Post-Graduate students and other faculty members meet periodically to check the quality of food and hygiene in the canteen.

Internal Quality Assurance Committee

IQAC committee consisting of HODs, faculty, students and members from Industry ensures academic and administrative excellence through implementing strategies and suggestions given for continuous improvement of quality education.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vce.ac.in/Academics/Commitees/Admissions_Committee.cshtml

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

15

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

VCEAA:

Vasavi College of Engineering Alumni Association [VCEAA] is a registered forum connecting students with their almamater to reminisce and share experiences.

VASAVI COLLEGE OF ENGINEERING The interface between alumni, staff and students helps in, exchanging skills and experience, conducting seminars, workshops and guest lectures, promoting social and cultural activities, acquiring scholarships for meritorious students, and granting financial aid to deserving students.

The various contributions by the alumni are:

Guest Lectures and Career Counselling

VCEAA encourages alumni to conduct technical lectures and career guidance sessions on latest technologies and share their success stories.

Institution of awards for meritorious students

Awards/Medals/Prizes are presented to outstanding students in their academics, project work, extracurricular activities and sports. Awards are given to students during Annual Cultural fest 'EUPHORIA'.

Scholarships

Needy and deserving students are given scholarships and other forms of financial assistance to help them in their academics.

Provide internships, projects and placements

VCEAA provides internships, encourages alumni to visit the college for campus placements, provides project assistance & employee referrals to our students and facilitates industrial visits thereby increasing students' employability.

Entrepreneurship Assistance

Alumni Entrepreneurs share their experiences through "Entrepreneurship Development Cell", and encourage students in setting up their start-up companies

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	https://www.vcealumni.org/

5.4.2 - Alumni's financial contribution during the year	D. 2 Lakhs - 5 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 and Mission Statements on the nature of governance:**

Vision:

Striving for a symbiosis of technological excellence and human values

Mission:

To arm young brains with competitive technology and nurture holistic development of the individuals for a better tomorrow

Technological excellence and human values constitute the institution's vision. Competitive technology and holistic development of the individual are stressed. The teaching-learning process imparts competitive technology to students through Basic Sciences, Humanities, Engineering Sciences, Professional Electives, Open Electives, Skill development courses and Project work. Courses in Human Values and Professional Ethics inculcate qualities as honesty, integrity, empathy, equity, fairness, etc.

- **Perspective Plans:**

The Strategic Plan for 2021-2025 is currently being implemented. Achieving higher academic standards, better placements, improved R&D, Industry-Institute Interaction, attract better human resources are key strategic factors.

The institute became autonomous in the year 2014 as part of its strategic plan 2010-2015.

- **Participation of the teachers in the decision making bodies:**

Faculty are represented on Board of Governors, Academic Council, Board of Studies, IQAC etc. Faculty are also represented as members of various other committees, viz., Anti Ragging,

Grievances and Redressal, Industry-Institute Interaction, etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://vce.ac.in/About/College/vision_mission_quality.cshtml

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

The various committees are established to manage different functions at various levels. One such committee is the Library Committee.

Library committee: The Library Committee includes the Librarian, representatives from the staff of each department, and students from both undergraduate (UG) and postgraduate (PG) programs across all branches. The functions of the committee are:

1. To prepare a budget for books needed by each department and forward it to the Finance committee.
2. To procure adequate No.of textbooks well in advance before the commencement of the semester, in consultation with the heads of the academic departments.
3. To add more titles every year in consultation with respective departments.
4. To enrich the library by procuring leading national/international journals
5. To procure quality audio and video library literature
6. To have a tie-up with IIT libraries and reputed libraries in the state.
7. To provide book bank facility to students
8. To conduct review meetings with students on the library facilities and utilization.

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	https://vce.ac.in/Academics/Commitees/downloads/23-Library%20Committee.pdf

6.2 - Strategy Development and Deployment

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

The following Goals of the Strategic Plan 2021-2025 are being implemented.

1. To establish better academic practices and procedures

2. To be a choice for good quality students and competent faculty

3. To produce technically competent and ethically strong graduates

4. To encourage Research & Consultancy

5. To develop a smart campus.

Strategy 1:

1. Revision of curriculum & academic regulations:

• Introduction of lab courses for the professional electives.

• Improving the quality of mini projects and theme-based projects for participating inprestigious competitions conducted by IITs/NITs. Introduced awards for best theme-based mini projects.

• Revision in Skill Development Courses meeting the recruitment requirements.

2. Revision of examination regulations & procedures:

• More emphasis on continuous learning and assessment.

- **Improvement of Bloom's Taxonomy Levels in learning and assessment.**

- **Early declaration of results on completion of exams.**

3. Introduction of best practices:

- **Improving course delivery to meet learning & assessment as per Bloom's Taxonomy levels.**

- **Strengthen the Outcome Based Education(OBE).**

4. MoUs with industries and research institutions for:

- **Consultancy.**

- **Research.**

- **Faculty training.**

5. Self and Collaborative Learning Initiatives:

- **Online certification courses – through other MOOC platforms like Coursera, edX etc.**

- **Peer Group Learning.**

- **Group assignments and activities.**

6. Performance Appraisal System:

- **A comprehensive Performance Appraisal System/Mechanism.**

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://vce.ac.in/About/Downloads/STRATEGIC-PLAN-2021-2025.pdf
Upload any additional information	[View File](#)

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.

- **Established in 1981 by the Vasavi Academy of Education (VAE), Vasavi College of Engineering offers UG and PG Programs.**
- **VAE has a Governing Body consisting of the President, Secretary, Treasurer and Members. Each Institute under VAE has its own Managing Committee.**
- **The BOG is constituted as per UGC provisions. It consists of Chairman, UGC nominee, Nominees of Management, Members representing Academia, Industry, faculty, nominees of affiliating University and State government, with Principal as the Member Secretary.**
- **Academic Council oversees policies and procedures regarding academic matters with Principal as the Chairman and HoDs & Senior faculty of the college, experts from premier Institutions, Industry representatives and University nominees as members.**
- **The College Academic Committee comprising of Principal and HoDs meets regularly for monitoring and implementation of policies.**
- **Directors of Student Welfare, Academic and Admissions, Placement & Training and the Controller of Exams report to the Principal.**
- **Functional heads for Finance, Administration, Learning Resource Centre, Computer Centre, Physical Education and Maintenance also report to the Principal.**
- **Other 36 committees include: Anti-Ragging, R&D, Finance, Purchase, Professional Bodies, etc.**
- **Administrative Manual includes employees duties, responsibilities, leave and conduct rules, recruitment process, pay scales, promotion policies etc.**
- **A provision is available for stake holders to give their feedback/suggestions through on-line and suggestion boxes.**

File Description	Documents
Paste link to Organogram on the institution webpage	https://vce.ac.in/About/Organogram.cshtml
Upload any additional information	View File
Paste link for additional Information	https://vce.ac.in/Academics/Administrative_Manual.cshtml

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance	**A. All of the above**

and Accounts Student Admission and Support Examination

File Description	Documents
ERP (Enterprise Resource Planning) Documen	<u>View File</u>
Screen shots of user interfaces	<u>View File</u>
Details of implementation of e-governance in areas of operation	<u>View File</u>
Any additional information	<u>View File</u>

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

The following measures are being implemented:

For Professional growth:

- **Academic leave with full pay for pursuing higher studies**
- **Registration fee, Dearness allowance, travel grants for teaching and non-teaching staff for attending various conferences, workshops and skill development courses.**
- **Incentives for publications, sponsored research projects, completing Ph.D, consultancy, patents and good performance in MOOCs courses**
- **Permission to faculty to deliver guest lectures at other institutes**
- **Visits to industry and higher learning institutes for knowledge acquisition**
- **For non-teaching staff, academic leave is provided for writing various examinations**

Welfare measures:

- **Gratuity for both teaching and non-teaching staff**
- **Earned leave, Half Pay leave/Medical leave, Extraordinary leave, for both teaching and non-teaching staff**
- **Maternity leave for the women staff @120 days**
- **Management contribution to Provident fund for both teaching and non-teaching staff**

- **Extension of ESI benefits to non-teaching staff @4.5% of basic**
- **Reimbursement of 50% premium for medical insurance for policy value up to**

Rs. 50,000/- for the non-teaching staff.

- **Festival advance for non-teaching staff.**
- **Emergency medical care and first-aid is available in the campus with one Nursing Assistant. General medicines are made available in the centre.**

An Ambulance with all facilities is available in the college round the clock for emergency services.

- **ATM Facility in the campus and Availability of Bank for transactions within the campus.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vce.ac.in/Academics/Administrative _Manual.cshtml

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

83

File Description	Documents
Upload any additional information	[View File](#)
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

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

18

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	[View File](#)

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.)

144

File Description	Documents
Summary of the IQAC report	[View File](#)
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 Institute conducts both internal & external audits regularly. It has an Internal Audit Team that audits items of both Income & Expenditure. The internal auditor has been provided with the Scope and Coverage of the audit. The team checks and verifies vouchers for all transactions every quarter and submits a report tomanagement on their findings as per the terms of reference.

In addition to the above, the Institute has also appointed an External Auditor who scrutinizes all the items of income and expenditure and submits a report on conclusion of the audit at the end of the financial year.

The details of an audit carried out in the year 2023-24 is furnished as additional information.

The mechanism for resolving audit observations is given below:

The findings of the Auditors are referred to the Audit Committee of the Institute consisting of the Treasurer-Vasavi Academy of

Education as Chairman, members from the VAE, and Chief Finance Officer-Vasavi College of Engineering.

The Audit Committee thoroughly goes through the findings and submits its remarks/responses. The audit report with the response of the Audit Committee is reviewed by the Managing Committee of the Institute and the Governing Body of the Society.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vce.ac.in/NBA.cshtml

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)

Nil

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

• Mobilisation of Funds:

The chief financial resource for the Institute is tuition fee which is fixed by the Telangana Admissions and Fee Regulatory Committee (TAFRC) once in three years, based on previous year's expenditure, impact of inflation during the next three years, furtherance etc. The college furnishes details of the expenditure of the previous three years and projections for next three years to the State Fee Regulatory Committee. These include anticipated increase in salaries on account of DA revision, increments, retirement benefits, etc. The institute also submits estimates for capital expenditure. Resource mobilization therefore depends on fee fixation by TAFRC.

Funds are also mobilized through Consultancy, R&D and other

projects from government agencies such as AICTE, UGC, DST, DRDO, etc.

The Sponsoring Society extends financial support to the Institute based on need and ensures the availability of requisite funds.

• Optimal utilisation of resources:

To ensure optimal utilization of resources, annual budget is prepared based on anticipated recurring and non-recurring expenditure and estimates/requirements received from the departments and functional units. The budget proposals are reviewed by the Managing Committee and submitted to BOG for approval through finance committee. Expenditure analysis is carried out for every six months to monitor the income and expenditure of the institution. Monthly income and expenditure statements are prepared and audit is performed periodically to ensure optimal utilisation of the funds.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://vce.ac.in/RnD/policy_on_revenue_sharing.cshtml

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 following initiatives have been taken up by IQAC for the Academic year 2023-24.

1. Implemented POGIL (Process-Oriented Guided Inquiry Learning) Strategy
2. Introduced Stream-Based Open Elective Courses
3. Established Awards for Theme based Projects
4. Proposed BE (Minor) Degree in Computer Science for the students of Civil, Mech, EEE & ECE.
5. Prepared for NBA Accreditation Compliance team visit.
6. Conducted Energy and Green Audits.
7. Promoted Women's Welfare and Gender Sensitization

8. Integrated with the National Academic Depository (NAD) System
9. Conducted Academic Audit by External Experts
10. Hosted Workshop on NEP 2020 Implementation
11. Conducted Workshop on Active and Engaged Learning

Two of the above practices are described below:

1. Proposed BE (Minor) Degree in Computer Science for the students of Civil, Mech, EEE&ECE.

It aims to equip students from these traditionally non-CS disciplines with the skills and knowledge necessary to integrate computing and digital technologies into their respective fields. The key purposes include:Bridging the Gap between Disciplines,Meeting Industry Demand, andImproving Career Prospects.

II. Introduced awards for Theme based projects:

The introduction of Theme based projects serves several purposes that include

- Encourages focused creativity and problem-solving.
- Promotes collaboration and knowledge-sharing.
- Highlights the importance of specific themes or causes.

For various themes undertaken by student teams, 16 first-place projects and 17 second-place projects are awarded. Introducing these awards encourages participants to think critically and innovatively about topics, problems, or technologies related to the themes. It also fosters a competitive spirit among student groups, motivating them to showcase their best talents.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://vce.ac.in/IQAC/About_IQAC.cshtml

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

The institution regularly reviews the teaching-learning process and its outcomes through the following methods. 1. Course End Feedback 2. Student exit survey 3. Faculty reviews 4. Semester-end feedback 5. Student feedback (CRC) 6. Academic audit.

1. Review of result analysis:

A review of the academic performance of the students in the odd semester examinations of A.Y. 2023-2024 of each branch is conducted and it observed that a good overall pass percentage is maintained and identified the courses with morefailure rate. Based on these findings, additional tutorial sessions, remedial classes and assignments are providedto improve pass percentage in that courses.

Branch

Sem-I(% of Pass)

Sem-III(% of Pass)

Sem-V(% of Pass)

Sem-VII(% of Pass)

Civil

48

42

81

86

CSE

87

86

95

99

CSE-AIML

81

91

92

98

ECE

84

68

87

89

EEE

75

64

78

89

IT

76

89

93

93

MECH

54

47

78

74

OVER-ALL

78

74

88

90

2. CO & PO attainments: The CO attainments are observed and it found that the majority of courses have reached the set target, however the courses that could not attain the set target are reviewed and reset the target value and proposed the observations and improvements for those courses by the concerned faculty. The CO-PO attainment gaps will be identified based on these, actions will be proposed such as revisions ofthe syllabus, curriculum changes, and sequencing of courses in scheme, to address the issues and improve outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vce.ac.in/Departments/Mech/Downloads/2018-22-Batch-PO-PSOattainment.pdf

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	A. Any 4 or all of the above

ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	https://vce.ac.in/About/Annaul_Report.cshtml
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

Safety and Security

• Main entrance, Examination halls, Canteen and Controller of examinations office have CCTV surveillance.

• Complaint and suggestion boxes are in every floor of all the academic blocks.

• Women Development Cell and Anti Sexual Harassment Committee for the safety and security of women and girl students.

Counseling:

• Ms.Rukmini Vedula is a professional student counselor. She counsels students on stress management, self-esteem issues, lack of motivation, time management, friendship issues, emotional issues, behavioral issues, adjustment issues, goal setting, etc. Lateral entry students are offered group counseling sessions to help them integrate with the mainstream students

Common Room :

• Common rooms are available in each Academic block with tables,

chairs, beds with linen, drinking water coolers and washrooms, exclusively for girl students and women employees. Sanitary towels are made available in the health centre. Sanitary Incinerators are installed in the rest rooms to promote hygiene.

Number of Gender Equity Programmes Conducted during the academic year 2023-24:9

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://vce.ac.in/Facilities/Common_Rooms.cshtml

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

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

• **Solid Waste Management:**

Adequate number of trash cans and dust bins are placed all over the campus to collect the solid waste and is disposed daily with the help of GHMC. Sanitary incinerators are installed; campaigns like Swachh Bharat, Clean & Green activities and plantation are conducted.

• **Liquid Waste Management:**

A Sewage Treatment Plant with a capacity of 50,000 litres installed in May 2010 treats liquid waste, used for gardening and saving potable groundwater. 24 rain harvesting pits are

channelized to recharge ground water level. Arrangements are made for collection of roof water.

· E-Waste Management:

The e-waste includes a wide range of electronic and electrical items such as computers, printers, keyboards etc. Electronic machines and goods are put to optimum use. The institute takes efforts to minimize e-waste by repairing the computer peripheral and electronic components.

E-waste generated from various departments which cannot be reused or recycled is being disposed off centrally through certified eco-friendly vendors. Instead of buying a new machine buyback option is taken for technology up gradation. Any damages or reductions in capacity are set right by repairs. In addition, the college has emphasis on minimum paper usage to save carbon emission in printers.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for

A. Any 4 or All of the above

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**

File Description	Documents
Geotagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	[View File](#)
Any other relevant documents	[View File](#)

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

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

`A. Any 4 or all of the above`

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

7.1.7 - The Institution has a disabled-friendly `B. Any 3 of the above`

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.

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

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).

College organizes cultural and literary events that promote communal and regional harmony. Commemorative days like Independence Day, Republic Day, Yoga Day, Womens' Day, the Batukamma Festival, Durga Pooja are celebrated with the motto of promoting communal, regional and cultural harmony. The students participate in various cultural events celebrating Traditional Day which culminates in Euphoria-the college cultural fest.

A basket of ten clubs is made available to students to exhibit their creative and literary talents. These clubs develop their speaking and thinking skills adding to their literary milieu.

Under Equity Action Plan the college strives to provide equal opportunities to all students in UG and PG courses. Students belonging to the disadvantaged and socio-economically weaker sections are supported academically and financially by the management, through various schemes.

The students are admitted as per the rules issued by the Government implementing the reservation policy for admission in Professional courses in Unaided Non-Minority Institutions. Reservations are provided for women, socio economically backward sections - BCs, SCs, STs & PH, CAP, NCC, sports and games. A three week Induction program is conducted to orient the newly admitted students towards professional courses. The Institution allocates two seats per course which are Supplementary seats for J& K students under Prime Minster's Special Scholarship Scheme.

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:

To instill Moral, Social and Ethical values, the college has introduced two courses on Human Values and Professional Ethics as credit courses for all the students of B. E programs. These courses help students gain a worldview of the self, society and profession. It emphasizes on holistic understanding of ethical human conduct, trustand mutually satisfying human behavior.

The NSS unit of the institution undertakes the following activities:

- Clean and Green Programme
- Online Coaching in Government Schools
- Anti-Drug campaign and Awareness Programme
- Awareness Programs on Women Safety
- Traffic Awareness Programmes
- Voter Awareness Programme
- Interaction session with the students of Primary Government School
- Blood donation camp and mega health camps

The Street Cause of Vasavi unit started in 2012 undertakes the following for underprivileged sections of the society.

- Teach Ibrahimbagh -Educational support tothe students of Ibrahimbagh Village.
- Distribution of text books and stationeryto studentsin

various villages.

Distribution of fans, lights , black boards to Schoolsin various villages

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

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

Independence Day and Republic Day are celebrated every year in the Institution. Management members of the Institution, staff members and students attend the flag hoisting ceremony every year on these occasions. Various cultural programs are also conducted after the Flag hoisting ceremony to inculcate the spirit of dedication and patriotism in staff and students. Also, academic

prizes/awards are distributed on this occasion.

Dr. Sarvepalli Radha Krishnan's Birthday is celebrated on
September 5th every year as 'Teachers' Day'. An eminent
academician is identified and felicitated every year on this
occasion As a tribute to the greatest Indian Engineer Sir
Mokshagundam Vishveshvaraya on his birth anniversary, the
institute celebrates 'Engineers Day' every year on September15th
every year. Various technical programs are conducted to mark this
occasion. Technical competitions are conducted and prizes are
distributed.

An eminent Engineer is identified and felicitated every year on
this occasion. As a tribute to the great Indian Scientist, Sir
C.V. Raman, his birth anniversary is celebrated as National
Science Day on 28th February every year. All the academic blocks
and the Learning Resource Centre in the campus are appropriately
named after the great Indian Scientists and academicians as a
mark of respect to their stellar contributions

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	[View File](#)

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 following are the two best practices

1. Stream Based Open Electives

2. Faculty Development Program

File Description	Documents
Best practices in the Institutional website	https://vce.ac.in/About/College/Best_Practices.cshtml
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

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

The following are the steps involved and are distinct to faculty recruitment process:

1.

Notification in leading newspapers (Qualifications as per AICTE Norms)

2.

Eligible candidates

3.

Written test

4.

Shortlisted candidates

5.

Lecture Demo

6.

Interview with duly constituted selection committee for the candidates shortlisted after Lecture demo.

7.

Selection, with periodic reviews with experts to identify areas for improvement.

- All the candidates are paid TA & DA to attend the written test and demo/interview
- For Associate Professors and Professors notification is issued in leading News Papers. Applications of eligible candidates are sent to Osmania University for evaluation of API scores. Eligible candidates face interview with duly constituted committee chaired by Dean, Faculty of Engineering and Vice-Chancellor.

This process ensures transparency and selects qualified and competent faculty to meet academic standards.

File Description	Documents
Appropriate link in the institutional website	https://vce.ac.in/About/College/Distinctiveness.cshtml
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. To introduce Stream of OEs in Banking, Financial Services, and Insurance (BFSI)

2. To introduce B.E (Minor) Degree in Computer Science for the students of B.E – Civil Engineering, Mechanical Engineering, ECE and EEE

3. To establish merit awards for Theme based Projects

4. To conduct Energy and Green Audits

5. To organize awareness sensitization programs on gender and drug abuse.

6. To upload student academic data to National Academic Depository System(NADS).

7. To organise Faculty Development Programs (FDPs) under AICTE Training And Learning (ATAL) Academy.

8. To conduct Scopus/Spinger supported International Conferences.

9. To organise MSME Hackathons as part of MSME Host Institution (HI)

10. To Conduct outreach programmes for ITI/Diploma students and local unemployed youth.