



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution		Vasavi College of Engineering (Autonomous)
• 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	Prof. A.S.Sai Prasad				
• Phone No.	04023146099				
• Mobile No:	09959418896				
• IQAC e-mail ID	iqac@staff.vce.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.vce.ac.in/Downloads/NAAC/NAAC_SSR.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.vce.ac.in/Academics/Almanac.cshtml?Branch=BE				
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	03				

<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Did IQAC receive funding from any funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> • If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>1. Internal Tests, Quizzes have been conducted through MOODLES platform such that students were given random generated question paper from the Question Bank to ensure the effective conduct for B.E, M.E/M.Tech programs. 2. Laboratory sessions were conducted on online mode using various virtual Labs platforms, by connecting college server remotely for B.E, M.E/M.Tech programs. 3. Students and faculty are given remote access to all the resources of the library through KNIMBUS. 4. Faculty and students are encouraged to register for Coursera Online Certification Courses and 201 number of faculty, 1283 number of students have completed the courses. 5. Efforts have been made to submit NBA - SAR under Tier - I for 05 UG Programs.</p>		
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
<p>1. Survey conducted by the faculty class coordinators on the issues faced by the students in attending the online classes.</p>	<p>? Based on the survey report and in continuation of Equity Action Plan (EAP), the college took initiative to bridge the digital divide and to make online teaching -learning effective for students who did not have appropriate devices. ? The college encouraged its Alumni to donate laptops to the concerned students who could not afford to buy them. ? A total of nearly 140 laptops have been distributed to the students and enabled them to be a part of learning. (The College has donated 44 laptops and 96 laptops by the Alumni.)</p>
<p>2. Procurement of licenses from digital platform providers for conducting online classes securely.</p>	<p>? The college has purchased licenses of MS Teams from Microsoft for each of the 160 faculty members due to which the faculty could conduct online classes securely and effectively during academic year 2020-21. ? The faculty members recorded their online lectures and posted on Learning Management System (LMS) for asynchronous learning in the event of poor or non-availability of internet during the online class.</p>
<p>3. Conduct of laboratory sessions on online mode using various virtual Labs platforms.</p>	<p>? The faculty members are conducting laboratory sessions using various virtual lab developed by IITs /IIITs along with the other simulation software for both B.E and M.E/M.Tech programmes.</p>
<p>4. Effective conduct of CIE and SEE on online mode for B.E, M.E/M.Tech.</p>	<p>? Continuous Internal Evaluation (CIE) was conducted successfully on online mode. Semester End</p>

	Examinations are conducted on offline mode by taking all COVID-19 precautions.				
5. Conduct of Internal Examinations to BE-III, V, VII and M.E./M.Tech - III odd semesters using Moodle platform: A training program is also arranged for faculty and students to get them acquainted with Moodle platform.	? Internal examinations and Laboratory Semester End Examinations (SEE) were conducted successfully using Moodle platform with shuffling of questions from a question bank prepared by the faculty concerned so that each student will get a different set of questions.				
6. Encouragement to the students and faculty to register for Coursera online certification courses: College has registered in Coursera and Edx platforms to provide free registrations for faculty and students.	? 201 number of faculty members and 1283 number of students have completed various courses during the odd semesters of the year 2020-2021.				
7. Training program on Outcome Based Education (OBE) to the faculty members.	? A training programme on Outcome Based Education (OBE) to all HoDs, Senior faculty members and department NBA coordinators was organized online with Prof. A. Venugopal, NIT, Warangal as an expert on 29-03-2021.				
13. Was the AQAR placed before the statutory body?	Yes				
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <thead> <tr> <th>Name of the statutory body</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>Board of Governors</td> <td>17/02/2022</td> </tr> </tbody> </table>		Name of the statutory body	Date of meeting(s)	Board of Governors	17/02/2022
Name of the statutory body	Date of meeting(s)				
Board of Governors	17/02/2022				
14. Was the institutional data submitted to AISHE ?	Yes				
<ul style="list-style-type: none"> Year 					

Year	Date of Submission
29/01/2022	29/01/2022
Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	12
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1 Total number of students during the year:	3103
File Description	Documents
Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	773
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:	6199
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	615

File Description	Documents
Institutional Data in Prescribed Format	View File
3.2	158
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	158
Number of sanctioned posts for the year:	
4.Institution	
4.1	346
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	59
Total number of Classrooms and Seminar halls	
4.3	1377
Total number of computers on campus for academic purposes	
4.4	800.54
Total expenditure, excluding salary, during the year (INR in Lakhs):	
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, in tune with 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 consists of 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.

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

Conduct of laboratory work strengthens the students' practical understanding of theoretical concepts. Mini projects, Paper presentations enhance their conceptual knowledge communication and technical skills.

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

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

Improved employability, placements, admission to higher education institutions in India and abroad are indicators of 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

12

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

615

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	View File

1.2 - Academic Flexibility

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

300

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

12

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, Human Values and Ethics etc.,.

Environment and Sustainability

It is a mandatory interdisciplinary course for all U.G programs which instils awareness on 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 Geographical Information Systems, Disaster Mitigation and 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 on Renewable Energy Sources, and Conservation of water in the nearby villages.

Gender Sensitization

Human values and professional ethics is offered as two courses for all B. E programs. These courses emphasize on holistic understanding of ethical human conduct. They also include issues related to dignity of women at home and the workplace. Discussions, debates and guest lectures pertaining to gender sensitization are organized.

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

12

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

1335

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

1783

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

A. All 4 of the above

**from 1) Students 2) Teachers 3) Employers
and 4) Alumni**

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/Downloads/ATR/Surveys_feedback_and_ATR_2020-2021.pdf
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

899

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)

343

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 disparate levels of knowledge and skills, hence their learning needs are different. After four weeks of commencement of the class work, a pre-assessment test is conducted to assess the learning levels of the fresh undergraduate students. Based on their proficiency and competency levels the students are given assistance.

Assisting slow learners

Remedial classes are conducted for the students who

i) secure less than 40% marks in I-Internal examination of their current semester.

ii) Backlog courses of the previous semester(s).

Skill development: A pre-test is conducted, for technical skills, and based on the grades obtained the slow learners are given more practice sessions and exercises to work on.

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

Encouraging Advanced Learners

The Institution encourages students to participate in Hackathons / Design contests.

Advanced learners, from III to V semesters, are encouraged to take up internships in their semester break.

Best Academic Performance are presented to the top 3 students of each section. Gold medals are given, to outgoing students of each branch, based on their excellent performance in the course of study.

Higher Order Assignments**Extra Laboratory Experiments**

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
01/09/2020	3103	158

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:

Institute provides an effective platform for students to develop latest skills, knowledge, attitude, values to shape their behaviour in the correct manner. All departments conduct innovative programs which stimulate the creative ability of students, provide them a platform to nurture their problem-solving skills and ensure participative learning.

Faculty make efforts in making the learning activity more interactive using below-mentioned student-centric methods.

Experiential Learning: Each department conducts programs to support students in their experiential learning.

- Laboratory Sessions
- Summer Internship
- Mini-Projects,
- Theme-based projects

- Co-curricular activities

- Virtual Labs

Participatory Learning: In this type of learning, students participate in various activities such as

- Paper presentation

- Group Discussion/ Debate

- Acumen (Annual Tech Fest)

- Euphoria (Annual Cultural Fest)

- Seminar Presentation

- Presentation and publishing of papers in conferences and journals

- Innovative teaching methods such as Flipped Class room, 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

- Project based learning

- Participation in events such as Hackathons

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.vce.ac.in/Departments/CSE/Innovative_teaching_Methods_CSE.cshtml

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

Provide link to the webpage describing ICT-enabled tools including online resources that are used for effective teaching and learning

The classrooms and Laboratories are ICT enabled with projectors installed and the campus is enabled with high speed Wi-Fi connection. The faculty uses various ICT enabled tools to enhance the quality of teaching-learning as given below

1. Microsoft Teams is used to conduct online classes and post course related information- learning material, assignments, lab submissions and evaluations.
2. All the lectures were recorded and made available to the students through Microsoft Teams
3. Moodle platform is used for conducting online Internal tests and quizzes
4. Virtual labs are used to conduct online experiments.
5. Tools like Kahoot, Google Quiz, Flipped Classroom are used to perform student centric activities.
6. Online Feedback was regularly taken from students to improve the teaching-learning process.
7. To teach mathematical and science courses in online mode, teachers used tools like Microsoft Whiteboard, Pen-Tab and Tinker board.

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/ https://vce.ac.in/Facilities/ICT_Class_Rooms.cshtml https://vce.ac.in/Moocs
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

149

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 time-table is entered in the attendance registers as 'Lecture Record'.

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

158

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

58

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)

1866

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

9

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

42

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

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

IT Integration:

1. In view of the COVID-19 situation, CIE (Continuous Internal Evaluation) for all B.E. and M.E./M.Tech programmes were conducted in online mode during the academic year 2020-2021. The following guidelines were followed to conduct CIE (Assignment, Quiz, Internal Examination).

Examination

Platform

Question paper pattern

Assignments

Microsoft Teams

10 different sets

Quizzes

Microsoft Teams and Moodle**Multiple Choice Questions****I-Internal Examination****Microsoft Teams**

30 Multiple Choice Questions.

3-different Sets were administered randomly to students

II-Internal Examination**Moodle**

Randomly generated questions from BTL level 1&2 and 3&4 were administered to each student from a question bank consisting of 108 questions

1. Students were given the provision to download hall tickets from the college website for semester end examinations.
2. The college had given a provision to the students to pay the examination fee online
3. Students were allowed to submit application form for reevaluation and photo copy of answer scripts in online.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vce.ac.in/Academics/Examination_Cell/Examination_Reforms

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 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.

Course Outcomes (COs) are the "Statements of observable student actions that serve as evidence of the Knowledge, Skills and Attitudes acquired in a course". The course outcomes of each course are prepared by the course coordinator based on the feedback from the stakeholders and in-line with respective POs and PSOs.

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

Programme Specific Outcomes (PSOs) are specifically defined outcomes of the programme which the graduates have to acquire by the end of the programme.

Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) have been formulated for all the UG and PG programme.

COs, POs, PSOs of all the UG and PG Programmes have been communicated to all stakeholders through Electronic Media, Display Media, Print Media

Interactions:

- Board of Studies meeting
- Alumni Meet
- Induction Program
- Orientation Program for Lateral entry students
- Parent Teacher meeting

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.vce.ac.in/Academics/Syllabus/Syllabus

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

CO Attainment is computed using Continuous Internal Evaluation(CIE)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: $\geq 60\%$ students scoring $\geq 60\%$ marks

Level2: $\geq 50\%$ to $< 60\%$ students scoring $\geq 60\%$ marks

Level1: $< 50\%$ students scoring $\geq 60\%$ marks

CO Attainment = 30% of Internal Examination + 5% of Assignments + 5% of Quizzes +60% of SEE

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

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

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

764

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	#

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_2020-2021.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

In making our vision and mission a reality, Institution has taken the initiative to promote Research and Innovations of faculty and students and collaborate with industries for mutual benefit. The departments of EEE, ECE, CSE and Mechanical Engineering were recognized as research Centers by Osmania University to provide guidance to research scholars. 22faculty members were recognized as research supervisors by the university and 126research scholars have been pursuing their Ph.D in these research centers. The facilities in research centers and project laboratories are regularly updated by not only from institution supported research seed money but also sponsored funding from agencies like DST, AICTE etc., The institution has signed 25 functional MOUs for training the students and providing internships and project work to the students. 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. The institute encourages the faculty to undertake research by providing seed money and access to research centers, project laboratories and library facilities. The institute provides academic leave to the

faculty for pursuing Ph.D work and financial support to attend conferences for paper presentation and FDPs.

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	https://www.vce.ac.in/RnD/Policy_for_promotion_of_research.cshtml
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)

28.37374

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)

44.19662

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

3.2.2 - Number of teachers having research projects during the year

5

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

3.2.3 - Number of teachers recognised as research guides

22

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.aicte-india.org/content/inviting-proposals-under-modrob-scheme-institutions-approved-aicte-rural-areas
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.

An Entrepreneurship Development Cell (ED Cell) was established in the year 2002 in our campus. ED Cell encourages students to participate in several entrepreneurship related workshops and competitions and organizes guest lectures, entrepreneurial talks by entrepreneurs and other related activities. 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. Our startups namely, 'CUON' and 'AM-Spons extra' have been given office space in our incubation center. Our Startup 'CUON' has been acquired by another start up and our student Mr. Harsha has been hired by them acting as a stake holder for the start up. Swayam, Student chapter of ED cell has won the National championship award organized by NEN in the years 2016 and 2017. Our students have also won the best E Cell award given by Stumagz a start-up based in Hyderabad in the year 2018. Our Institute has been awarded as the Top performing college by ISB in the technology Entrepreneurship program in the

year 2018. The institution organizes Ideation contest every year. The institute has an Incentive policy to encourage students for Entrepreneurship related activities.

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

04

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

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

126

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

131

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

60

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

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**

20

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

146

File Description	Documents
Bibliometrics 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)

0.49

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	View File

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

Students take up extension activities to fulfill the aspirations of Vision and Mission statements of the institution. 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. A technical fest 'Acumen' is conducted every year. The activities of the departments are show cased for society's benefit under "Inspire and Ignite". Students are trained in developing science models to display during the fest. Students participate in curricular, co-curricular and extra-curricular activities. An active NSS Unit organizes activities like keeping the college clean and green, community service through street plays to educate people on health, hygiene and cleanliness, blood donation camps etc. Students feel a sense of responsibility to give back to society. They also conduct special camps in adopted villages, service to orphanages, tree plantation, yoga classes, and flood relief camps. These programs develop responsibility, integrity and human values. Students collect relief material from neighborhood and within the college and participate in relief camp. Our students participate in cleaning lakes in nearby village as part of Swatch Bharat. Credit courses are offered on Human values and Professional ethics as well as Environmental studies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vce.ac.in/NSS/About_NSS

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

0

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	View File

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)

2

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

620

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

48

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)

25

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 of 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, Hackathonsetc,. for larger audience.

Computing Equipment

The institution has 1377 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 carroms, 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 have bagged prizes in intra-college, intercollege and university competitions.

Cultural Activities

A basket of 10 extra-curricular clubs is made available to the students to choose from. The Dramatics club, the Arts club, the Film-making and Photography club develop the creativity skills, while the

Toastmasters, the Model United Nations, the Writers club, Science club, Math club and Quiz club add literary flavor and develop their speaking and thinking skills.

Students participate in the various cultural events organized during Euphoria-the college annual cultural fest. They are also encouraged to take part in competitions organized in other colleges and universities.

With the generous support of the management and the overwhelming participation of students from all the programs, we have been able to incorporate these clubs to facilitate all-round development. The spirit of cooperation, involvement, creativity and aesthetics are the qualities that students imbibe through these clubs.

Awareness on Yoga and its practice has been included in the student induction programme besides which Yoga Day is celebrated every year in the institute.

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

59

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)

120.25

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

S.No.

Year

Name of Integrated Library Management System (ILMS) Software

Nature of Automation (Fully or Partially)

Version

Year of Automation

1

2020-2021

SOUL (Software for University Library)

Fully Automation

2.0.0.14

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 of book 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)

22.95

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

236

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

4.3 - IT Infrastructure

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

The college has a high-speed campus-wide network with 1377 systems. 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.

Internet Facility with two leased lines, one from BSNL with 200Mbps and other from Pioneer Elabswith 200Mbps. The College also has 1Gbps Broadband from ACT Fiber and has provided Wi-Fi access points at various locations inthe campus.The Internet Gateway comprising of a Web Server, Symantec Protection suite EnterpriseEdition 12.1, 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 Centerhas 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 year2020 - 2021 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.csh tml

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3103	1065

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available 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)****682.73**

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. All the support facilities such as Air Conditioners, UPS, Electrical Generators, Elevators, Water coolers and Purifiers, Firefighting, Pest control, Sewerage treatment are under Annual Maintenance Contract (AMC) with required budget provision.

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

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

Library regularly adds new titles and volumes based on the requirement of faculty and 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 catering to 50% power requirements. It is also connected to the grid.

During the pandemic situation in 2020-21, all the academic and other facilities were regularly sanitized for safe conduct of class work, lab practicals and examinations.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vce.ac.in/Facilities/Maintenance_Cel1.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

1725

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

324

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

A. All of the above

Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	https://vce.ac.in/Placements/Downloads/5.1.3_NDR_updated.pdf
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

2886

File Description	Documents
Any additional information	View File
Number of students benefitted 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

507

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

21

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

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

71

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

5.3 - Student Participation and Activities

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

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
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

0

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	No File Uploaded
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 almatater 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

E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 - Institutional Vision and Leadership**

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

Vision 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

Case study: Curriculum design of a programme

The curriculum for all UG and PG Programs have been formulated/revised adopting the following process, in accordance with the guidelines of AICTE, affiliating University, stakeholder's feedback and the Vision and Mission of the Institution to meet the local/ national/ regional/ global developmental needs of the society and are in tune with the POs and PSOs.

Programme Assessment Committee prepares the draft curriculum based on the following:

- Department Vision & Mission
- PEOs, POs and PSOs
- Inputs from all the stake-holders
- Benchmarking of the curriculum against same/similar program(s) offered by premier Institutions
- Guidelines of statutory bodies such as AICTE and UGC

Department conducts meeting with the faculty to discuss the design of the curriculum

Present the proposed curriculum to the College Academic Committee

Conduct meeting of Board of Studies which comprises of faculty from the Department and representatives from IITs, NITs, State Universities, Deemed Universities, industry, alumni, and HOD of the programme who is the chairman BOS to finalize the curriculum and syllabi.

Submit the final curriculum and syllabi to Academic Council for approval.

Submit the approved curriculum and syllabi to Board of Governors for ratification.

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/Departments/CSE/BOS_CSE

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.

To establish better academic practices and procedures

To be a choice for good quality students and competent faculty

To produce technically competent and ethically strong graduates

To encourage Research & Consultancy

To develop a smart campus

Goal.5 is detailed below:

The tasks involved are

- Comprehensive Academic ERP System which is under development
- Provision of more no. of Wi-Fi Hotspots
- Increasing the scope of Campus Surveillance System
- Enhancement of energy conservation systems

Enterprise Resource Planning (ERP) software is designed to manage day to day academic and administrative activities. It is designed as a web application, with a responsive user friendly interface that can be accessed from desktop or mobile.

Wi-Fi access points have been provided in the campus to strengthen the teaching learning process.

Ninety two surveillance cameras have been installed in the campus for the safety of the students and faculty and for monitoring the conduct of examinations. During covid-19, all the biometric machines have been replaced by facial recognition systems.

A 275 kW solar power plant meets 50% of power requirement. Green and environmental audit on a regular basis.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://vce.ac.in/Facilities/CC/Infrastructure_CC
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 Programmes.
- 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 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 32 committees include: Anti-Ragging, Finance, Purchase, etc.
- Administrative Manual includes employees duties, responsibilities, leave and conduct rules, recruitment process, 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://www.vce.ac.in/Academics/Commitees/Admissions Committee.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) Document	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

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 etc
- Incentives for publications, sponsored research projects, completing Ph.D, consultancy, patents etc
- 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 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.
- Automatic advancement scheme for Non-Teaching staff.

- Emergency medical care and first-aid is available in the campus with one Nursing Assistant. Medicines are made available in the centre. An Ambulance with all facilities is available in the college round the clock.
- 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

51

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

27

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.)

110

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 audit regularly. It has an Internal Audit Team that audits items of both Income & Expenditure. The internal auditor has been provided with Scope and Coverage of audit. The Team checks and verifies vouchers of all transactions every quarter and submits a report to the management on their findings.

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 audit carried out in the year 2020-21 is furnished as additional information.

The mechanism for resolving audit observations are given below:

The findings of the Auditors is referred to the Audit Committee of the Institute comprising of Sri V.M. Partha Sarathi, (Treasurer-VAE : Chairman), Sri K. Vasudeva Gupta(Member-VAE : Member) and Sri V. Jayasundar (Chief Finance Officer-VCE : Convener).

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/downloads/Accounts/VCE_Financials_2020_21.pdf

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)

108

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 financial resource for the Institute is tuition fee which is fixed by the Telangana Admissions and Fee Regulatory Committee once in three years, based on previous year's expenditure, impact of inflation during the next three years, furtherance etc. The college furnishes 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 and other projects from government agencies such as AICTE, UGC, DST 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 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. 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/downloads/Accounts/VCE_Financials_2020_21.pdf

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, after NAAC accreditation in the year 2020-21.

1. On-line Teaching-Learning and MOODLE based assessment
2. Introduction of remote access to library and other teaching learning resources through KNIMBUS
3. Conduct of FDP's & Seminars on regular basis
4. NBA Tier-I accreditation

Two of the above practices are described below:

On-line Teaching-Learning and MOODLE based assessment {LMS):

Use of Microsoft Teams platform for conduct of online classes during the pandemic COVID-19. The video recordings of on-line lectures and the course materials were made available through this platform.

For all programmes, Continuous Internal Evaluation (Internal exams, Quizzes and Assignments) was done in online mode through MOODLE platform during the academic year 2020-2021. For Internal examinations, randomly generated questions from BTL level 1&2 and 3

&4 was administered to the students from a question bank consisting of 108 questions for each course.

Introduction of remote access to library and other teaching learning resources through KNIMBUS:

The college has subscribed to KNIMBUS remote access platform to enable faculty and students for accessing all the subscribed electronic resources i.e IEEE, ASME, ASCE, ELSVIER, J-GATE and other learning resources i.e. previous question papers, videos, bibliographical details of books.

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

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 following methods.

- 1.Semester end feedback
- 2.Students feedback (CRC)
- 3.Faculty reviews
4. Student exit survey
5. Course end feedback

Semester end feedback

At the end of the semester, all the students are required to give their feedback on a ten point metrics for on various parameters, such as Each of these parameters have been given different threshold limits and the overall threshold limit is 80.5%. Student identity is not shown on the form. Based on the feedback received, HOD gives suggestions to the concerned faculty for improving their teaching learning process.

Class Review Committee (CRC):

During the semester, four students from each section are chosen to represent their class for presenting feedback on various parameters of course delivery, assessment & evaluation and infrastructure facilities. These students are with different academic strengths and with 75% or more attendance. For recording their assessment and observations on the various parameters of course delivery, a proforma is given to them to be filled out. This assessment helps the administration to give feedback to the faculty members concerned in respect of their strengths and areas for improvement and also for taking corrective actions wherever necessary.

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

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/Annual_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.RukminiVedulais 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, goalsetting, etc. Lateral entry students are offered group counseling sessions to help them integrate with the main stream students

Common Room :

- Three common rooms are available in each Academic block with tables, chairs, beds with linen, drinking water coolers and wash rooms, exclusively for girl students and women employees. Sanitary towels are made available in the Health center. Sanitary Incinerators are installed in the rest rooms to promote hygiene.

Number of Gender Equity Programmes Conducted:

Year

2020-21

Number

1

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vce.ac.in/Academics/Commitees/Internal_Complaints_Committee.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 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

A. Any 4 or All of the above

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

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	<p>B. Any 3 of the above</p>
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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	View File
Any other relevant information	View File

<p>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</p>	<p>B. Any 3 of the above</p>
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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	View File
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, the Kite-flying festival 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&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. 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 (HVPE-I and HVPE-II) as credit courses during 3rd/4th and 5th / 6th semesters for all 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, trustful and mutually satisfying human behavior. The

NSS unit of the institution engages students in developing solutions to problems like Dry and wet waste management, improving learning outcomes in Government Schools, Blood Donation Camp and Medical awareness programs in the nearby villages to promote National Integrity, Human values, Communal Harmony. The institute conducted awareness programs to spread awareness on the need to ban plastics and enhance cleanliness, Swachh Barath, Say no to Drugs, etc. inviting prominent personalities.

The Street Cause of Vasavi unit started in 2012 as a division undertaking the causes of the underprivileged sections of the society. Our Institution is actively and dynamically participating in all the Street Cause activities of Hyderabad, and as result of our consistency, dedication, and commitment, Street Cause won the Best Division award consecutively for three years in the years 2015-16, 2016-17 and 2018-19.

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

C. Any 2 of the above

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

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 September 15th 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

https://vce.ac.in/About/College/Best_Practices.cshtml

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

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)

To be in sync with the exponential demand for skilled engineers, CISCO globally started collaborating with the finest of the fine Engineering colleges and "Vasavi CISCO Academy" has the highest number of registered students in Telangana providing training with International standards. For self-learning skills, students and faculty are encouraged to obtain online certifications from reputed agencies like NPTEL, Coursera, MOOC. Incentives are given to meritorious students and faculty. The college is rated with 'AA' grade based on performance in NPTEL Online Certification courses for Jan-Dec 2021.

SWAYAM, the Student chapter of Entrepreneurship Development, was

established to develop and nourish entrepreneurial spirit. Sahaay, a student initiative to support needy peers, they contribute voluntarily, and a matching amount is added by the Management and is distributed to the students in need.

Equity Action Plan (EAP) Financial Assistance :With a view to provide assistance to the needy students studying in UG and PG courses in the institution and belonging to disadvantaged and socio-economically weaker sections of the society, guidelines have been formulated in consonance with the Equity Action Plan. During the year 2020-21, 44 students were given laptops, enabling them in attending on-line classes.

File Description	Documents
Appropriate link in the institutional website	https://www.vce.ac.in/CampusLife/Street_Cause.cshtml ; https://www.vce.ac.in/Academics/Cisco/About_Cisco_Academy.cshtml ; https://www.vce.ac.in/CampusLife/Swayam.cshtml ; https://www.vce.ac.in/CampusLife/Sahaay.cshtml
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- Facilitating B.E-VIII Semester Students to do internship/project outside Hyderabad by conducting their Classwork in online mode.
- Introduction of Data Structures and Algorithms for B.E-Civil,ECE,EEE & Mechanical Engineering students.
- Conduct of career guidance sessions by Experts.
- Conduct of gender sensitization activities by every department.
- Strengthen student Peer-Group activities.
- Introducing indirect assessment tool in CO-attainment.
- Introducing of Alternate Assessment methods.
- Giving flexibility to faculty to enhance the percentage of questions with higher-order BTL in CIE and SEE assessment.
- Mentoring the faculty to publish papers in Scopus/SCI/SCIE indexed journals and also submit research proposals to funding agencies.
- Conduct of Workshops on IPR.
- Strengthening SWAYAM, Entrepreneurship Development Cell by conducting activities in collaboration with T-Hub, TEP ISB, TiE & NEN.
- Conduct of outreach & extension activities.

- Identify the ways to improve Library utilization by the Students & Faculty
- Enhancing the facilities for e-content development.
- Renovate the washrooms.
- Conduct of environmental promotional activities beyond the Campus.
- Motivate the students to participate in competitive examinations through career guidance programs.
- Conduct of National-level Sports and Cultural Activities.
- Enhance the Alumni interactions & contributions.
- Encourage faculty to organize/attend FDPs/Workshops/ International Conferences.
- Organize OBE awareness programs for staff and students to promote quality of teaching&learning.