



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

VELALAR COLLEGE OF ENGINEERING
AND TECHNOLOGY

- Name of the Head of the institution **Dr. M. JAYARAMAN**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone No. of the Principal **04242244201**
- Alternate phone No. **04242244202**
- Mobile No. (Principal) **9750924402**
- Registered e-mail ID (Principal) **principal@velalarengg.ac.in**
- Address **Thindal, Erode**
- City/Town **Erode**
- State/UT **Tamilnadu**
- Pin Code **638012**

2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **27/05/2016**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr. R. KUMARAVELAN**
- Phone No. **04242244201**
- Mobile No: **9443563481**
- IQAC e-mail ID **iqacvcet@gmail.com**

3. Website address (Web link of the AQAR (Previous Academic Year)) www.velalarengg.ac.in

4. Was the Academic Calendar prepared for that year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://velalarengg.ac.in/pdf/calender%2020-21_compressed.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.11	2014	10/12/2014	31/12/2021

6. Date of Establishment of IQAC **18/11/2013**

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	0

8. Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

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

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken **Yes**

uploaded on the institutional website?

- If No, please upload the minutes of the meeting(s) and Action Taken Report
- No File Uploaded

10. Did IQAC receive funding from any funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

Promotion of learning through online courses through SWAYAM NPTEL and FOSSEE. Activities through Swayam NPTEL local chapter - 10 Gold medals, 89 silver medals and 9 course toppers. Obtained 58th position in SWAYAM NPTEL active chapters in January - December 2020 examinations with NPTEL Domain star in Programming domain by our faculty Dr.V.Latha Jothi

Collection of Feedback from our stakeholders using Web based Portal Kredo-Voice Out

Obtained ISO certification and obtained Best Campus Award from Nature Science Foundation

Faculty members has published 65 papers in Scopus/Web of Science/UGC Care Journals, 16 Patents and received 11 Copyrights.

81 Value Added Courses has been conducted for the students for the academic year 2020-21

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

Plan of Action	Achievements/Outcomes
To obtain 12(B) status from UGC.	In progress
Start the preparatory work to obtain NBA Accreditation under Tier - I	Due to pandemic NBA Accreditation status for FIVE programmes extended upto June 2022 under Tier-II. However Preparatory work for NBA under Tier-I format was started for all the programmes.
To introduce Industry Integrated value-added courses in specialized areas like Artificial Intelligence, Data Analytics, IoT, 3D Printing and AR/VR etc.	8 coursese have been introduced (Mech -1, BME-3, ECE-3, CSE-1)
Collaboration with institution and industries to be strengthened.	No. of MoUs signed with industries during 2020-21 = 7 Total No. of MoUs signed with industries upto 2020-21 = 41. More industries have been identified to improve collaboration activities.
To establish Centre of Excellence in few emerging areas.	Started establishing Centre of Excellence on AR/VR with a cost of Rs.22 Lakhs
To create research culture among the faculty members and students and motivate them to publish their research work in Scopus/ Web of Science indexed Journals.	A marginal improvement is found in number of publications in Scopus/ Web of Science indexed Journals (No. of papers published in 2020-21 = 44, in 2019-20, it was 40)
Industry Oriented curriculum and syllabi with more flexibility (R 2018).	Introduced 5% of courses as Industry Oriented courses. R 2018 Curriculum was revised with possible flexibility and adhering the norms of AICTE model curriculum.
To encourage the students and faculty members to obtain more patents/copyrights for their	Patents published : 15 Patents granted : 3 Faculty and students are motivated continuously to

innovations.	improve the same.
Academic Audit	Conducted during 16.08.2021 to 25.08.2021
More enrollment and completion of SWAYAM NPTEL online courses	Enrolled : Faculty - 267 Students - 3156 Registered : Faculty - 18 Students - 491 Successfully completed : Faculty - 16, Students - 413; 10 Gold medals, 89 Silver Medals, 9 Course toppers NPTEL Domain Star : 1 (Programming Domain) (Dr.V.Latha Jothi, Professor/CSE)
Conducting funded programmes / projects	Details of Funded Programmes organised : No. of sponsored programmes by various funding Agencies: 6 (AICTE) Total amount Received : Rs. 24.13 Lakhs
Apply for funds to organize events	No. of proposals sent : 82 worth of Rs. 77 Lakhs

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Management, IQAC	02/07/2021

14. Was the institutional data submitted to AISHE ? **Yes**

- Year

Part A

Data of the Institution

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<ul style="list-style-type: none"> Year 	
Year	Date of Submission
18/02/2022	18/02/2022

15.Multidisciplinary / interdisciplinary
16.Academic bank of credits (ABC):
17.Skill development:
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):
20.Distance education/online education:

Extended Profile

1.Programme

1.1 17

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 3196

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 949

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

3178

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

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

369

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

243

Number of full-time teachers during the year:

Extended Profile

1. Programme

1.1 17

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1 3196

Total number of students during the year:

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File Description	Documents
Institutional Data in Prescribed Format	View File

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File Description	Documents
Institutional Data in Prescribed Format	View File

3. Academic

3.1 369

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 243

Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
3.3	243	
Number of sanctioned posts for the year:		
4.Institution		
4.1	673	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	71	
Total number of Classrooms and Seminar halls		
4.3	1134	
Total number of computers on campus for academic purposes		
4.4	259.12	
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.

Competent Curriculum:

The institution offers quality education through an innovative curriculum developed based on the current technological developments. A competent curriculum is given to the students considering the guidelines from the statutory bodies like AICTE, UGC, NBA, Anna University and Autonomy regulations of the Institution. Curriculum and Syllabus are prepared based on the recommendations and suggestions from all the stakeholders and

reviewed in the Board of Studies (BoS) meeting. An Outcome Based curriculum is adapted with required curricular components catering the needs of the current industry scenario through Choice Based Credit System (CBCS) since 2016. The Programme Educational Objectives (PEOs), Programme Outcomes (POs), Programme Specific Outcomes (PSOs) are framed based on the Graduate Attributes (GA) prescribed by NBA and other professional societies such as ACM, IEEE, IET, ASME etc., Course Outcomes (COs) for each course are framed at the commencement of the course and the same are assessed after the end semester examination.

Global/National Relevance:

Industry integrated courses, MoUs partnered with top corporate, NPTEL courses, Internships and Value Added Courses provide students with a study structure having relevance to the national and global needs.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://velalarengg.ac.in/governing/insight_cd.php

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

265

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

63

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

Gender and Environment:

The women Empowerment Cell (WEC) established in the college aims to enable female faculty and students to discover their impending potential in all aspects, providing an affable working/studying environment for them. A course in the UG curriculum, 'Environmental Science and Engineering' covers topics including eco system, biodiversity, pollution, disaster management, environment protection acts, natural resources, population and human health. Workshops and seminars on various aspects of environment sustainability are also organized periodically.

Sustainability, Human Values and Professional Ethics:

Courses including Universal Human Values, Value education for youth empowerment impart students with awareness on strengthening life forces, wellness of mind, virtues, morals, human values and harmony in all aspects. The course 'Professional Ethics' tells about ethical behaviour, and ethical practices. As a part of student engagement in social activities during their course of study, the institution also involves the students to enrol as NSS/NCC Volunteers. It aims at inculcating values, ethics and socially responsible qualities. Students organize several awareness campaigns, debates etc. In view of social development, activities like organizing blood donation camps, health check-up camps, hygiene and health workshops, environment awareness camps, workshops on social issues, public health awareness camps are organized periodically.

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

81

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

4067

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

1545

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

1.4 - Feedback System

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

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://velalarengg.ac.in/feedback/curriculum_feedback.php
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://velalarengg.ac.in/feedback/curriculum_feedback.php
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

800

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)

544

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.

LEARNING LEVEL ASSESSMENT:

The college provides an induction program for first-year students to know about the college environment, facilities, academic and administrative regulations, and procedures. The institution periodically assesses the student performance through Continuous Assessment Tests, assignments, end-semester examinations and constant mentoring of students by their faculty mentors. Based on this, the advanced learners and the slow learners are identified.

PROGRAMS FOR ADVANCED LEARNERS

- VCET provides a Fastrack system for the advanced learners to complete their curriculum in advance and allow them for an industrial internship in their final semester.
- Students are encouraged to take up SWAYAM - NPTEL courses. The credits earned in these courses are transferred to the final grade statement.
- Technically strong students are trained and motivated to participate in All India Level Competitions like Smart India Hackathon, etc.
- Advanced level learners are awarded proficiency winners as per their skills and knowledge.

PROGRAMS FOR SLOW LEARNERS

- Student mentoring system is in practice to resolve the difficulties slow learners face both academically and personally.
- Remedial classes and Remedial Tests are scheduled and conducted periodically to improve the academic performance of the slow learners.
- English refresher course is organized to enhance students' English proficiency.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/ftasl.php

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/06/2020	3196	243

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:

Velalar College of Engineering and Technology has effectively applied student-centric learning to gain Outcome-Based Education (OBE) through experimental, participative, and problem-solving methodologies.

Experimental Learning

- Value Added Courses of one credit are organized to upgrade the knowledge of students.
- Project work, mini-projects, project exhibitions are conducted to help students to bring their ideas into a working prototype.
- Fast track students are allowed to attend an internship program in their final semester in collaboration with Industry-Institute Partnership Cell to bridge the knowledge level of the students from academic to real-time industrial requirements.
- Students are motivated to attend inplant training.

Participative Learning

- Students are encouraged to participate in co-curricular and extracurricular activities conducted by intra and inter-college events.

- Students utilize modern digital learning resources like NDLI and spoken tutorial to enhance their learning experience.
- Institute organizes various clubs like fine arts, Rotaract, National Service Scheme (NSS), National Cadet Corps (NCC), Women empowerment club, etc., to apply moral and ethical principles in the society.

Problem-solving methodologies

- Problem-solving ability of the students is inherited by giving high order knowledge level assignments and activity-based learning.
- Problem-solving ideas are induced by innovative teaching practices like mind mapping, brainstorming, project-based learning, flipped classroom and case approach etc.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://velalarengg.ac.in/ft_tlp.php

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

The faculty members in the institution are using Information and Communication Technology (ICT) tools very effectively to enhance the teaching-learning process among the students by creating interest in live concepts.

- Well-equipped smart classroom and interactive boards helps the faculty and students to present PPTs and Videos effectively.
- Laboratories, classrooms, Seminar halls, Conference Rooms, Auditoriums, and Hostels are enabled with WiFi internet facility with a bandwidth of 500Mbps which gives space for students to learn from e-resources and update their skills.
- Automated Digital Library with personal computers and Online Public Access Catalog system makes easy access for students and faculty members.
- Computer system laboratories with individual headsets and webcams help handle online classes and record quality audio and video to update as an e-learning resource in

Youtube channels and college websites.

- Study materials, assignments, activities, and assessments are conducted through classrooms, Google forms (online quiz, polls, and surveys).
- The Institution has access to e-resources namely IEEE explore, DELNET, e-ShodhSindhu, National Digital Library of India, ShodhGanga, Swayam -NPTEL.
- Faculties have their BlogSpot, Google sites, and YouTube channel for their course, and students can access them and interact with other learners outside the institution.

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

226

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

An Academic Calendar is prepared every semester prior to the commencement of classes by a committee comprising of the Principal and the COE and circulated to all the departments. The academic calendar is prepared considering the regulations of the corresponding program regarding the number of working days, the number of assessments to be conducted for both theory and laboratory courses. The calendar specifies the commencement date for each programme. Usually the entire semester period is divided into three parts such that at the end of each part (approximately 30-40 days) assessment tests are conducted. The calendar specifies the periods for the three Continuous

Assessment Tests, the last instructional day and the slot for conducting the end semester practical and theory examinations. The reopening date for the next semester is also mentioned.

Teaching plans are prepared by the individual faculty before starting of the classes and get approved by the HOD. It is ensured in the plan that the complete syllabus of a course is covered in that semester. HOD ensures that the faculty adheres to the academic calendar and teaching plan by reviewing the Attendance and Assessment Record of a course at the end of every month.

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

243

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

59

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)**1834.11**

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****Nil**

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**0**

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

The examination process in the VCET autonomous system is automated and integrated with an Examination Management System. The various modules for generating exam hall allotment, seating pattern, invigilation list, absentees list, dummy number generation, are integrated in the software. After the evaluation

of the scripts, the examiners key in the marks obtained in each script against that dummy number. The examination software properly transfers these marks to individual student's data field. Each theory examination is conducted a for total mark of 100 which is converted to a scale of 60. The Continuous assessment for each theory course carries 40 marks. The continuous assessment for theory courses consist of 3 written tests - each are conducted for duration of 1hour 30 minutes, which carry 50 marks. The marks obtained out of these 50 marks are added and averaged for a scale of 30 marks. Three assignments are given which are evaluated and averaged for a scale of 5. The course faculty decides an additional assessment which may be Quiz, an activity, etc. Which is evaluated for 5 marks? All of them put together are summed for 40 marks. After the approval of the results, that data is posted in the college website such that the students can know the results online. The Grade Statements are also prepared by the Exam Management System in a predetermined format.

1) A student has to obtain a minimum of 50% marks in semester examinations AND 2) 50 % in total considering Continuous Assessment (40%) and Semester Examinations (60%) put together. The Continuous Assessment marks are considered only for the first three attempts. From fourth attempt, only the mark obtained in semester examinations alone is considered AND the student has to obtain a minimum of 50% marks in semester examination. In such a case, irrespective of the marks obtained in that examination, the lowest grade i.e. B is awarded. The IT infrastructure, in the Office of the Controller of Examinations, consists of the necessary Computer Servers, personal computers, printers, in a networked fashion. In addition, there are high speed digital copiers for printing the question papers.

Installation and integration of IT infrastructure have brought in considerable improvements in the following areas: 1) Scheduling the examinations 2) Conduct of examinations 3) Evaluation of answer scripts 4) Publication of results in a short time 5) Printing and issue of Grade sheets to the students 6) incorporation of Bloom's taxonomy in question paper setting, etc.

The integration of IT infrastructure has also helped to improve the Examination Management System by bringing feedbacks from the Continuous Internal Assessment process. It is ensured that the question papers for the continuous internal assessment tests are framed with bloom's taxonomy.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://velalarengg.ac.in/pdf/coe/Downloads/VCET%20Examination%20Manual.pdf

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

In compliance with the objectives of Outcome Based Education (OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering the program after consultation with faculty members and the stakeholders.

Program specific outcomes (PSOs) are the specific skill requirements and accomplishments to be fulfilled by the students at micro level at the end of program. The programme co-ordinators prepare the PSOs in consultation with course coordinators.

Program Outcomes (POs) are broad statements to describe the professional accomplishments by the program and these are to be attained by the students at the time of their program completion. POs incorporate many areas of inter-related knowledge and skills that are to be acquired by the students during their graduation.

Course Outcomes (COs) are direct statements to describe the essential disciplinary knowledge, abilities that students should possess during the completion of a course. The Course Outcomes are prepared by the course coordinator in consultation with concerned faculty members teaching the same course. Outcomes are communicated to the students, faculty members, alumni, parents and employers by publishing in College website, displaying in Department display boards, HoD cabin, Class rooms, Laboratories.

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://velalarengg.ac.in/academic_curriculum.php

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

Each subject has Course outcomes (COs). These COs can be mapped with POs & PSOs based on Intended Learning Outcomes and Performance Indicators given by AICTE Examination Reforms.

Each courses COs can be assessed using Direct assessment tools that reflect the knowledge and skills of the students based on their performance in End semester Examination, Continuous Assessment Test, Assignments, Tutorials, Concept Test, Rubrics based on performance etc. This assessment is taken for the attainment of individual Course Outcomes (COs)

For theory and practical courses, For R2016, Overall CO attainment is calculated as

Overall attainment of COs (Theory) = $0.4 \times \text{CA attainment} + 0.6 \times \text{SE attainment}$

Overall attainment of COs (Practical& Project) = $0.5 \times \text{CA attainment} + 0.5 \times \text{SE attainment}$

For R2018, Overall CO attainment is calculated as

Overall attainment of COs (Theory) = $0.4 \times \text{CA attainment} + 0.6 \times \text{SE attainment}$

Overall attainment of COs (Practical & Project) = $0.6 \times \text{CA attainment} + 0.4 \times \text{SE attainment}$

Once the overall attainment percentage of each COs is calculated, the PO and PSO attainment is calculated by multiplying that percentage with the corresponding mapping. The obtained values are compared with the set attainment target

fixed for each PO and PSO. If the target is achieved, the same process is continued for further batches. If the target is not achieved, continuous improvement activities are taken for each PO and PSO.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://velalarengg.ac.in/governing/insight_co&po.php

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

927

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	https://velalarengg.ac.in/pdf/VCETCoE2020-2021Report.pdf

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://velalarengg.ac.in/pdf/Student%20Satisfaction%20Survey.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

As a reputed engineering institution, the institution has framed

a robust research policy to promote research interest and innovations in the emerging areas of science, engineering and technology. Students and faculties are motivated to undertake interdisciplinary research to promote experiential learning thereby building a strong academic foundation. This in turn leads to the realization of the vision and mission of the college. The research activities nourish the academic program by enriching the knowledge of faculties in their field of expertise. This in turn helps the institution to stand at the global level. The institute is equipped with well established laboratories to empower the faculties for research and development. There are research centres offering doctoral programmes in different disciplines. Laboratories are regularly upgraded to facilitate the research. Licensed software in the laboratory helps to promote the research to the next level. MoU's have been signed with the industries and hospitals to promote multidisciplinary research culture. The institution maintains a highly-stacked Library for research reference. The Institution has inked MoUs with industries for research.

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://velalarengg.ac.in/research_Policy.php
Any additional information	View File

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

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

0.5

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

1

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

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)

11.60441

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

2

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://velalarengg.ac.in/research_projects.php
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

21

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

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

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	http://www.tanscst.nic.in/index.html
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.

Entrepreneurship Development Cell - The institution has organized many awareness camps, seminars, workshops and guest lectures on Entrepreneurship development. Eminent industrialists and budding entrepreneurs are often invited to motivate the

young students. The successful alumni of VCET pursuing the entrepreneurial route also encourage our students through frequent interactions.

Recognized research center - VCET has recognized research center in the departments ECE, EEE and Physics. Faculty members are encouraged and supported to guide research. A good number of research scholars have registered for PhD programs and the numbers are increasing every year.

Encouraging students to participate in Club Activities -The Green club of VCET is functioning effectively in the campus. The institution has formed various committees to inculcate the environmental education to the students through the schemes like National Service Scheme (NSS), Youth Red Cross (YRC) and Red Ribbon Club (RRC). The Science club activities aim to trigger interest among the students in Science and to encourage, motivate and equip the students in applications of basic Science.

Institution Innovation Council - Institution Innovation Council (IIC) of VCET was established to systematically foster the culture of Innovation among the students across various departments inside the Institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/research_centres.php

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

Nil

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								
<table border="1"> <thead> <tr> <th data-bbox="76 521 523 589">File Description</th> <th data-bbox="523 521 1394 589">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="76 589 523 882">Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check</td> <td data-bbox="523 589 1394 882" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="76 882 523 949">Any additional information</td> <td data-bbox="523 882 1394 949" style="text-align: center;">View File</td> </tr> </tbody> </table>	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			
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									
4									
<table border="1"> <thead> <tr> <th data-bbox="76 1254 523 1321">File Description</th> <th data-bbox="523 1254 1394 1321">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="76 1321 523 1473">URL to the research page on HEI website</td> <td data-bbox="523 1321 1394 1473" style="text-align: center;">https://velalarengg.ac.in/research_obj.php</td> </tr> <tr> <td data-bbox="76 1473 523 1657">List of PhD scholars and details like name of the guide, title of thesis, and year of registration</td> <td data-bbox="523 1473 1394 1657" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="76 1657 523 1727">Any additional information</td> <td data-bbox="523 1657 1394 1727" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	URL to the research page on HEI website	https://velalarengg.ac.in/research_obj.php	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	
File Description	Documents								
URL to the research page on HEI website	https://velalarengg.ac.in/research_obj.php								
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									
65									

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

39

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/sf/c3/3.4.4/3.4.4_VCET_Books_20-21.pdf

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

331

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

12

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)**

2.4

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	No File Uploaded
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	No File Uploaded

3.6 - Extension Activities

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

COVID-19 had a negative impact on the academic year 2020-21. Regardless, the Extension Clubs NSS, YRC, and Rotaract have been active in outreach extension activities.

NSS

In the face of unexpected pandemic events, the NSS has supported a variety of activities for students. Camps for sapling planting were held, awareness programmes such as mask awareness, cleaning awareness, and vaccination awareness, as well as field activities for grocery distribution.

YRC AND ROTARACT CLUB

The Rotaract club bring people together through services such as donating personal protective equipment such as masks, hand sanitizers, and hand gloves to the needy, food to the hungry, dictionaries and books to school students, Kabasura kudineer, butter milk, and grocery items to old age homes. Online awareness campaigns such as cancer awareness, suicide prevention, women empowerment and confidence-building motivating activities were done.

Our College's Rotaractors participated in field work such as one day with farmers, eradication of Karuvelamaram, and tree planting. Workshops for school pupils were held to help them improve their talents. Camps such as Polio Immunization Camp and Heart Camp were held. The Rotaract club member got the Award Yaathumaagi for her active participation. YRC arranged for an online programme on emotional intelligence.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/club/rotaract.php

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

1

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)

55

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

1202

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

141

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)

14

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.

Velalar College of Engineering and Technology has the state-of-the-art facilities on almost all the aspects pertaining to teaching-learning process.

The institution has totally 67 classrooms with Wi-Fi connectivity. All the classrooms have LCD Projectors with smart boards. Each classroom has adequate seating capacity based on sanctioned intake. Four Drawing Halls are available based on the requirements of the curriculum. Our Institution has two Seminar halls and three Conference halls for conducting Department/ Institute level programs such as association activities and programs related to the professional bodies of the department.

Each Department has well-equipped laboratory facilities over the mandatory AICTE requirements. There are totally 49 laboratories in the campus. Central Library, with adequate number of titles and volumes of text and reference books, is available for students and faculty members. Each department also has its own Department Library for the benefit of students and staff.

Totally 1171 computer systems, connected to internet through a leased line with a bandwidth of 500 Mbps are available. Wi-Fi facility has enabled to for ICT based teaching-learning process.

Study materials and online video lectures for each subject are posted in the Google Classroom which would help the students in their learning.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/campus/infra_physical.php

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

Velalar College of Engineering and Technology gives high importance to instil the spirit of sportsmanship among the students to help them to learn discipline, leadership quality, team work and to lead a healthy life. The institute has more than adequate infrastructure for such activities.

Cultural Activity

Our institution is committed to the holistic development of students and our Fine Arts Club activities keep the creative spark alive. Creativity is an essential component of Engineering and our club nurtures the same.

Yoga and Meditation Hall

The Institution has a Yoga Centre with an area of 230.97 Sq.m. Every year as a part of the curriculum a one credit course of Value Education (Yoga classes) were conducted for the first year students (common to all branches) for about 18 hours.

Sports and Games Facilities

The Department of Physical Education facilitates the students with all the equipment in their practice and motivates them to participate in both the indoor and outdoor games and gym. The Institute has a play ground area of 3.75 acres which includes athletic fields and track, Basket Ball, Cricket, Football, Volley ball, Badminton, Ball Badminton, Kabaddi, Kho-Kho and Indoor game facilities.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/campus_central.php

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

71

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)

22.10

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)

Library is automated using Integrated Library Management System (ILMS)

The central library is fully computerized, well equipped with modern facilities, resources in the form of books, printed and electronic journals, CD-ROMs, on-line databases, project reports, etc. Open Access System is being followed to access the

books and journals.

Name of the ILMS software: Noolagam - The Smart Librarian

Nature of Automation: Full

Version: 2.1.09

Year of automation: 2001

Currently, it has been changed to CAMPES iLIB (Computerized Academic Management Processing and Expert System Information Library) Integrated Library Management System (from 2003).

Name of the ILMS software: CAMPES iLIB

Nature of Automation: Full

Version: 7.0.2

FEATURES OF SOFTWARE:

1. Member Management (Students and Staff)
2. Circulation
3. Book Stock master
4. Non-Book Materials entries
5. Back Volume Entries
6. Periodical/Magazine and Journals maintenance
7. Subscription entries
8. Failed Magazine Observation
9. Reservation Management
10. Overdue Charge management
11. Reports production
12. Image clipping management
13. User rights management to apply security in library activity by librarian
14. Stock Verification Process
15. Failed Hits Observation from OPAC in book purchase
16. Book purchase bill Management
17. Final Year Due Clearance
18. Data designed as data ware house manner. i.e no data are deleted.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/lib_intro.php
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)	
16.22	
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	
837	
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

No. of Systems and their Configuration

Institution has a total of 1171 computers with the following configuration: i3 / i5 Processor , 4GB / 8GB RAM, 500 GB / 1 TB HardDisk, 3.41 GHz Processor clock speed and above CPU Speed.

Internet Connection

Internet connection is distributed across the college through Wi-Fi networks. The campus is enabled with 24x7 Wi-Fi, 500 Mbps bandwidth connectivity. The Wi-Fi system has been functioning with 500 Mbps (1:1) leased line connectivity provided by Wireline Solution Private Limited.

Networking Peripherals

VCET uses fibre optical networking cable with a speed of 100 / 1000 MBPS media converters and layer 2 switches like CISCO SG 500 / 350 / 300.

LCD Projectors

Upgrading of IT is seen in teaching learning process as OHPs in the institute have been intermittently replaced by LCD projector with smart boards in all class rooms.

Firewall/Security

VCET uses firewall service from MIKROTIK CLOUD CONTROL ROUTER and have lifetime validity.

Surveillance Facilities

There is a 24/7 CCTV surveillance security available in the institution.

All the faculty members, students, technical staff and other workers of our institution are responsible for exercising appropriate use of information and network resources in accordance with the policies and standards.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/campus_internet.php
4.3.2 - Student - Computer ratio	
Number of Students	Number of Computers
3196	1134
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. 750 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	A. All four of the above
File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/dept_econtent/bme_econtents.php
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

66.327

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.

VCET has the maintenance committee which is headed by the Dean. He monitors the Concern In charges / Supervisors who organize the workforce, maintain duty files. These details are periodically checked by the Concern In charges to ensure the efficiency / working condition of all equipment's.

Classrooms, Staff rooms, Seminar halls and Laboratories, etc are cleaned and maintained regularly by Non-teaching staff and sweepers.

- Site Engineer and their teams are involved in the maintenance of infrastructure facilities.
- The Estate office staff look after the maintenance of rest rooms, approach roads and neatness of the entire premises.
- Parking facilities inside the campus is neatly organized.
- Every department maintains a stock register for the available equipment.
- Proper inspection and verification of stock are done in the end of every year.
- Library books and records are audited by Internal Audit team every year.
- The campus maintenance is monitored through surveillance Cameras.
- Transport Department will take care of periodical check up of all the vehicle and properly follow the RTO office procedures.
- Lift maintenance are outsourced.
- Hostel facilities are maintained and monitored by the Admin. Officer/Hostel and Wardens of both the hostels.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/campus/campus_maintenance.php

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

1798

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

1274

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://velalarengg.ac.in/plmt_capacitydevelopment.php
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

412

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	
412	
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	
36	
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	
33	
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	
2	

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

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

Student Council:

Our technical institution has formed the student committees to involve the students in various activities viz. department association, student clubs, NCC, NSS, RRC, Green club etc. In every department, students acted as secretary, joint secretary, treasurer and executive members in the department association. The student secretary gives every year plan during the association inaugural address which includes arrangement of experts, intra-department events, industrial visits etc. The alumnus who become entrepreneurs also visits the college to present the new findings in their respective industry where they gained experiences.

Academic committee:

In every department, student's representatives present their grievances on behalf of all the students regarding the completion of syllabus before each test during class committee meeting, submitted to the principal through the Heads/Dean. Based on the weightage, the principal has redressed to the students. The feedback about the teaching/learning process submitted by every student confidentially and evaluated separately and action taken by the competent authority, if not performed well.

Administrative committee:

Student's representatives also involved in anti-ragging and sexual harassment activities and have the mechanism viz. suggestion box, website, and contact mobile number etc. to report confidentially to the higher authorities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/club/ncc.php

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

7

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

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

Velalar College of Engineering and Technology, one of the best-known self-financing, co-educational institutions aims to achieve excellence in engineering education, with a strong emphasis on the uplift of rural students who have only limited avenues for higher education. The college was established by Vellalar Educational Trust in the year 2001, with all in-built infrastructural facilities. It offers excellent quality education in such a manner as to empower the students to face any challenging environment after they graduate from the portals of the college.

The institution offers seven undergraduate B.E programmes and one B.Tech programme, Post graduate in MBA, MCA and M.E programmes. The alumni were employed in state and central government, Public Sector Units, private limited companies in India and foreign countries. The association chapters were inaugurated exclusively to connect our alumni in metropolitan cities viz., Chennai, Bangalore and Coimbatore. Our alumnus acted as a resource person in various department activities to enrich their knowledge. Alumni provide the chances to their services to get training and placement.

The alumni's induction programmes were organized every year in our institution. The recent and old alumni participated. Our alumni contributed the funds to their association chapter.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://velalarengg.ac.in/alumni/alumni_activities_(2016-2021).php

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 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

Governing Council (GC)

Governance of VCET being a self-financing autonomous institution, it follows Autonomous guidelines as per the UGC from the Academic Year 2016-17 onwards. The Governing Council is fully democratic (participatory), decentralized and transparent. It promotes participation out of all stakeholders for smooth operation of the Institution.

The GC through the Principal ensures that all decisions on the matters such as admission, budget, infrastructure, Teaching-Learning Process and placements are in line with Institute's Vision, Mission and Quality Policy properly reach the stakeholders and ensure proper implementation of the same.

Institute Quality Assurance Cell (IQAC)

The GC also monitors the quality activities through the Institute Quality Assurance Cell (IQAC). The IQAC monitors quality of all activities of the institute by reviewing them periodically through conducting audits, awareness programmes,

student feedback, student survey and training programmes for the faculty and staff.

Finance Committee

The prospective plans are implemented by Finance committee. It deals with the finance received from the various grants and amounts received from other sources for the overall development and maintenance of the college. The financial requirements were proposed and recommend in the regular meetings which are then forwarded by the Principal and management for final approval.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://velalarengg.ac.in/about.php

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

Decentralization & Participative Management

VCET believesthat excellent governance is essential to ensuring an efficient system for an institution's growth and development, as well as improving its outcomes. Decentralization of governance and delegation of tasks to various senior officials and department heads are the goals of this initiative. This goal encourages accessibility and a participative management style of administration. While framing specific guidelines to strengthen the college's systematic functioning, the college includes all stakeholders. At the same time, decentralization should be viewed as a way to improve thequality and efficiency of the system. To manage and efficiently control the institute, numerous committees, both statutory and non-statutory, are in place.

Implementation of Value-added Course based on Decentralization

The Value Added Course (VAC) is recommended to the students to fill the gap between the industry expectation and Institutional procedure. In R2018, the VAC is approved and included in the curriculum. Totally 30 hours are allotted with 1 credit. The suitable VAC is selected based on the feedback received from the students, Class Committee, Alumni Interaction and Employment

Opportunity. The selected VAC is recommended to the students and faculty is allotted. Based on the assessment, grade is allotted and certificate is provided.

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://www.velalarengg.ac.in/abt_non%20statutory%20bodies.php

6.2 - Strategy Development and Deployment

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

The college is having a practice of drafting the strategic plan before every academic starts. It is developed with the stakeholders, both internal and external participation. The strategic Plan is prepared for every academic year. One such successful plan is implemented in the Department of Electronics and Communication Engineering.

Implementation of MODROB based on Strategic/ Perspective plan

The proposal has been submitted under AICTE Modernization and Removal of Obsolescence (MODROB) scheme to upgrade Microwave and optical communication Laboratory in the year 2018-19. In the academic year 2018-19 AICTE was sanctioned an amount of Rs.14,20,000. AICTE has released an amount of Rs.11,36,000 as a first instalment. Initially, the request letter to purchase the above times has been raised from the Principal Coordinator through the stores officer. On 07.09.2019 the purchase order was released to Entuple Technologies Pvt Ltd, Bangalore to supply mentioned items in given duration.

All the items in purchase order were completely received from suppliers on 15.10.2020. Management has contributed Rs.2, 69,170 to support the research activities. To get second instalment amount of Rs.2,84,000 from AICTE, Utilization Certificate and Progress Report have been sent on 18.09.2021.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.velalarengg.ac.in/abt_sbc.php
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.

Organizational Chart

VCET has a well-structured organizational structure which clearly shows the people responsible for various tasks and the levels of supervision. The Governing Council of the college meets once in a year.

Statutory and Non-Statutory Committees

In addition to the governing body there are several statutory and other committees are in place to administer various activities related to academic, administrative and extension. Thus the governance of the college is more participatory and led by the governing body. This ensures holistic growth and development of the student stakeholders. Societal impact and responsibility are given prime importance by the Institute so as to contribute and promote sustainable socio-economic development through globally competitiveness.

Administrative setup

Functions

Statutory Committees

Policy making, Recruitments, Budgeting, Financial matters, Quality Improvement

Non-Statutory Committees

Planning Evaluation, Academic, Placement, Student centric activities, Co-curricular and extra-curricular activities

Department Advisory Board

- Suggest improvement in academic plans and recommend standard practices/systems for attainment of PEOs &
- Encourage for industry-institute interactions to bridge up curriculum/industry gap and suggest quality improvement initiatives to enhance employability.
- To propose necessary action plan for skill development of students
- To identify and suggest thrust areas to conduct various activities to meet PEOs.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.velalarengg.ac.in/naac/vcetorg.php
Upload any additional information	View File
Paste link for additional Information	https://www.velalarengg.ac.in/naac/hrpolicybook.php

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

Welfare Schemes

The college in general takes care of its employees well. There are several welfare measures in place for the teaching and non-teaching staff. The college encourages a worthwhile welfare schemes to all the teaching and non-teaching staff to boost the morale of the employees and thus make them motivated to work efficiently. Some of the welfare measures the institute provide to its employees include Promotion and increments based on self-appraisal, cash awards and certificate of appreciation for academic excellence, incentives for publication of research articles, supporting faculty members to organize guest lectures, supporting faculty members to conduct/organize conference/FDPs. Institute sponsors the faculty members to join as a member in professional society. All the employees are provided free transport and hostel facility/ fee concession for their daily commuting to the college.

Health Insurance

All the employees are covered under medical insurance facility up to a sum of Rs. 1 lakh towards accidental and health insurance per annum. The institution also provides the facility of Employee Provident Fund for its employees. The colleges also provides various leave benefits to all the employees such as casual Leave, Compensation Leave , special leave, medical leave, and maternity leave to all employees.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/sf/c6/6.3.1/Inc_entive_policy.pdf

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

80

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

21

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.)

171

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

Financial planning and management is the foresight of the institution in strategizes its growth and development activities. The institution conducts regular internal audits by the authorized and recognized auditors. All the expenditures

incurred by the college is maintained by the college accounts department and duly submitted to the government from time to time.

Financial Committee

The finance committee of the institute reviews the financial planning periodically. The institute is registered under section 12A of the Income Tax Act. The finance committee acts as an advisory body to Governing Council (GC) on matters of finances connected to the college. The third party qualified auditors prepare the institute level budget for every assessment year and present it to the Governing Council for further proceedings.

The annual budget for institute is prepared and proposed at the beginning of financial year, for recurring and non-recurring potential income and expenditures involved for the year.

Financial Audit

Qualified and certified internal auditors appointed do the audit on regular basis. As an act of transparency, the audited financial statements are published on the college website and also sent to the statutory and regulatory bodies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.velalarengg.ac.in/audit/audit.php

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)

21.82

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

Utilization of Funds

The college implements academic and non-academic reforms within their self-conceived development programs that focus on quality and relevance, excellence, resource mobilization, greater institutional autonomy with accountability, research and equity. The receipts primarily generated through the fees paid by the students joining in the programmes offered by the college. Any deficit in the receipts would be managed by seeking funds from the parent trust or borrowed from the banks. Another form of receipts is obtained grants received through faculty projects submitted to the funding agencies through Research proposals. These funds are utilized for the research and laboratory development.

Mobilisation of Funds

The institutional budget is prepared by the Principal and the Administrative Manager every year taking into consideration of recurring and nonrecurring expenditures. Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year.

All the major financial decisions are taken by the Institute's Governing Council. Wherever funds are inadequate, the management borrows loans to meet out the expenditure. Despite of this, the college management never compromised on providing high quality engineering education with an affordable cost to the students as per the directions of the state government.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.velalarengg.ac.in/sf/6.4.3.2.html

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)

IQAC

The primary goal of IQAC is to create a system for taking deliberate, consistent, and catalytic action to improve the institution's academic and administrative performance. The main goal is to promote measures that will improve institutional performance by internalizing a quality culture and institutionalizing best practices.

Post Accreditation Improvements

The following are the achievement/academic improvements wherein the IQAC put its stamp of quality practice:

- The accreditation period has been extended for the IT Department up to 2020-21 after the compliance visit.
- The accreditation period was extended for four departments: BME, CSE, ECE, and EEE for the period from 2020-21 to 2021-22.

Teaching -Learning

Student learning is assessed through Continuous Assessment Tests and an End of Semester Examination administered during their direct and indirect assessment tools. Quality checks are deployed at every stage of student learning to not only measure them but also improve them continuously. In order to maintain the quality standards, every process is thoroughly monitored through a wide-range of testing tools, audits, surveys, and feedback channels through the college quality cell. IQAC played a key role in initiating the necessary measures to meet the desired objectives and to foster effective and efficient educational practices.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/iqac/iqac-members%202020-2022.php#

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

Committees for Quality Improvement

The institution monitors and periodically reviews its teaching-learning processes and methodologies/practices through various operations and expected outcomes. This process was monitored on continual basis by Institutional Quality Assurance (IQAC) through Programme Assessment Committee (PAC) and Department Advisory Board (DAB). In addition, the IQAC also initiates necessary steps to measure the quality of education through regular and continuous follow-up actions. The roles and responsibilities of the IQAC committee are the same as defined by the NAAC.

Identification of Slow Learners and Fast learners

After CAT1, the students are divided into two categories, Category-I (fast learners) and Category-II (slow learners). For enhancing the academic performance, remedial coaching for the slow learning students and project-based alternate assessment for the fast learning students is being carried-out. This helps the students to upgrade their knowledge levels. At the end of the semester, the students undergo the End semester Examination (ESE) which results in awarding the SGPA based on their performance in each examination.

Innovative Methodologies in TLP

For continuous assessment and evaluation, activity-based learning is encouraged for all courses. Several activity based learning methods are adopted by the faculty members. Mind mapping, polling in video conference tools, conducting quizzes in various mobile applications and tools, conducting experiments in VLab, and peer instructions are followed by the faculty members as a part of their teaching.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://velalarengg.ac.in/ftinnovative.php

6.5.3 - Quality assurance initiatives of the

A. Any 4 or all of the above

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)

File Description	Documents
Paste the web link of annual reports of the Institution	https://velalarengg.ac.in/governance/ar2020-21.php
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

Response:

Velalar College of Engineering and Technology has committed itself to the standard of gender fairness.

Curricular, Co-Curricular and Extra-Curricular Activities:

The Institution provides platform for women empowerment. Programs and workshops with a specific focus on empowering and promoting participation of female faculty, Staffs and students are organized throughout the year.

Facilities on Campus:

Safety and Security:

- 24 X 7 monitoring by security personnel.
- Around 128 CCTV Cameras are installed at strategic

points in the campus.

- Separate and secured hostel is available for female students within the campus.
- Fire safety equipment's are installed in all the laboratories and corridors.
- First-Aid Kit is available in all laboratories and college office.

Counselling:

- Individual counselling is offered through the mentor-mentee system which works in the ratio of 1:20.
- Separate counselling rooms are available in the college campus and in the hostel for male and female students.

Common Room:

- Conference Hall, Seminar Hall, Fitness Centre, Reading Room in Library, Common waiting room in rest rooms and common room in Hostel are available.

Day-Care Centre:

- Day-care centre is functioning for the children of faculty and staff members working in vellalar institutions.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://velalarengg.ac.in/club/wec.php

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:

- The waste generated within the campus is collected and segregated through dustbins kept at various sources and transported to disposal site.
- Wastes like papers, tin, glass, metals and plastic are given for recycling to external agencies.
- Food waste is converted into Biogas and Composting pit is constructed to manage the biodegradable waste.
- Sanitary napkins are disposed using the incinerators.

Liquid Waste Management:

- Liquid wastes from various points are collected through proper canals, and are disposed to sewage treatment plant without stagnation.
- RO waste water is used for cleaning vessels in the kitchen.

Bio-Medical Waste Management:

- Microwave Tissue incinerator, Sharps and Needles destroyer and Autoclave are used to treat the biomedical waste.

E-waste Management:

- E-wastes are collected and handed over to external agencies to recycle the materials.
- The awareness programs are organized in the institution with a view to impart the E-waste management techniques.

Waste Recycling System:

- The fundamental principle of the institution in waste recycling system is the implementation of 3R's-Reduce, Reuse, and Recycle.

Hazardous chemicals and radioactive waste management:

- Standard Operating Procedures are followed for disposal of hazardous chemicals collected from the laboratories.

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>A. Any 4 or all of the above</p>										
<table border="1"> <thead> <tr> <th data-bbox="86 689 523 757">File Description</th> <th data-bbox="523 689 1394 757">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 757 523 898">Reports on environment and energy audits submitted by the auditing agency</td> <td data-bbox="523 757 1394 898" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="86 898 523 1003">Certification by the auditing agency</td> <td data-bbox="523 898 1394 1003" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="86 1003 523 1108">Certificates of the awards received</td> <td data-bbox="523 1003 1394 1108" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="86 1108 523 1176">Any other relevant information</td> <td data-bbox="523 1108 1394 1176" style="text-align: center;">View File</td> </tr> </tbody> </table>		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
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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 reading materials, screen reading, etc.</p>	<p>A. Any 4 or all of the above</p>										

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).

Everyone has freedom to express their own opinions and equal opportunity to participate in teaching, learning, and social activities. The institute provides a culturally inclusive environment with mutual respect, effective relationships, and clear communication. The institution believes in equality of all cultures and traditions as it is evident from the fact that students belong to different caste and religion are studying in the college without any discrimination. The institute maintains complete transparency right from the enrollment and all admissions are done only on merit without any biases.

The institution has Rotaract Club, Youth Red Cross, Red Ribbon Club, NCC and NSS to inculcate a sense of unity, discipline, and harmony. Anti-Ragging Cell acts as a key factor in maintaining tolerance and harmony among students. Grievance Redressal Committee is constituted to address the grievances among students.

Sports, cultural and technical activities are organized inside the college to promote harmony towards each other. The Institution celebrates regional and national festivals and birth anniversaries of national leaders through cultural programmes and seminar sessions. Commemorative days like International Women's Day, National Youth Day, Teachers' Day, Engineers' Day and Yoga Day are also celebrated in the college.

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:	
<p>The value of Human was realized more specifically during pandemic period and it became essence to create awareness towards corona virus, and as an initiation towards social cause, videos were created and uploaded in social media on 1st march,2020. A poem writing and photography contest on the same was conducted through online on 31st May,2020 and about 320 people from various area participated .National Unity Day was celebrated on 31st October,2020 and pledge was read out by students and faculty members on Corruption Eradication. Students of VCET created Awareness on Voting Rights by distributing pamphlets among the public on 2nd April,2021.</p> <p>Gandhi Jayanthi was celebrated on 04.10.2021 in our college and his portrait was garlanded. Apart from the programmes and activities, first year students were offered a Foundation course on Yoga by the trainers from Vethathiri Maharishi Institute for Spiritual and Institutional Education, an educational wing of The World Community Service College (WCSC -VISION),Erode branch, and about 726 students of all the branches were given yoga and meditation training during the academic year 2020-21.Along with this the institute also initiated various activities announced by AICTE, as a part of which Swatch Bharath was carried out every year.</p>	
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	A. All 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

Velalar College of Engineering and Technology celebrates the following events in view of National and International Commemorative days, events and festivals.

- World Yoga Day
- Kamarajar Birthday
- Independence day
- Teachers' Day celebrations
- Engineers' Day
- Onam Festival
- World Eye Sight Day
- Students Day
- Cancer Awareness Day
- Deepavali Celebrations
- National Diabetes Day
- National Youth Day
- Pongal Celebrations
- Republic Day
- Women's Day
- World Water Day

The Institution celebrates the commemorative days, events and festivals through various clubs with wide participation from the students and faculty members. Competitions and rallies are held during these events to create awareness among the students and public. Awards are being given to motivate the faculty members for their special performance and research oriented activities on Teachers' Day. Various medical camps are organized to ensure the fitness of the students, faculty members and scavengers. The institution provides a social friendly environment by encouraging the students to visit orphanages and help the needful people during the national memorial days. Festivals like Pongal, Onam, Deepavali etc. are celebrated inside the college premises to ensure the cultural heritage.

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

BEST PRACTICE - I

NPTEL LOCAL CHAPTER

1. Title of the Practice: 'NPTEL LOCAL CHAPTER'

2. Objectives of the Practice

To support students and faculty members in the process of strengthening their knowledge and career prospects by introducing trustworthy, cost effective, and flexible sources of online education.

3. The Context

NPTEL local chapter is instrumental in connecting the enthusiastic learners to a cost-effective learning platform

which gives access to learners on advanced topics, self-paced learning, and certificate exams with credit transfer facility.

4.The Practice

- Faculty members and students enroll in courses either in core branches or interdisciplinary ones. Also, faculty and students are motivated to select courses outside their branch of study to enhance extra knowledge and career prospects.
- VCET faculty also offers guidance and clarification to students through their NPTEL MENTOR role.

5. Evidence of Success

- VCET, with its 631 certificates obtained in the last academic year is one among the top 100 NPTEL local chapters for past three years in a row. Many students have availed credit transfer facility.
- For the students, knowledge gained through NPTEL courses come in handy during technical interviews.

6. Problems Encountered and Resources Required

- Students need self-motivation and self-regulation.
- At times, students choose advanced courses which are too tough to proceed without additional guidance.
- Sometimes, students who hail from rural, encounter network connectivity issues.

7. Notes

Increasing number of enrolments and certificates with 'Gold' and 'Silver' tags is a remarkable step towards the institution's commitment to impart essential knowledge through quality education.

8. Contact Details

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BEST PRACTICE- II

MENTOR-MENTEE

1.Title of the Practice: 'MENTOR-MENTEE'

2.Objectives of the Practice

To provide guidance and assistance to the student community to tap their potential to the fullest by creating positive changes in understanding and attitude.

3.The Context

The student community faces multiple challenges, and the mentor, besides helping to settle issues related to academics, strive to educate students to balance various roles with right understanding, ethics, and emotional balance during challenging times.

4. The Practice

- Every year, a list of mentors is prepared and for every mentor 20 students are allotted.
- Upon approval of the same, based on the number of students, a mentor is allotted for every 20 students.
- The mentor and mentee meet once in a fortnight to discuss academic issues, learning environment, and career guidance.
- After every session, the mentor submits a report based on which the Dean and the Principal intervene if necessary.

5.Evidence of Success

- Timely intervention has resulted in improved academic performance and general discipline.
- Every year, a greater number of students participate in co-curricular and extracurricular activities and win prizes.
- This ensures that the students are in the process of holistic development.

6.Problems Encountered and Resources Required

- Occasionally, it takes too long to establish trust in the mind of the mentee.
- Allotting quality time for the mentee is one of the key challenges for a mentor.

7.Notes

VCET is keen on the holistic development of its student community, and mentoring system makes every possible effort to clear any intrusion that affects the process.

8. Contact Details

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File Description	Documents
Best practices in the Institutional website	https://velalarengg.ac.in/naac/best_practice(AQAR%202020-2021).php
Any other relevant information	https://velalarengg.ac.in/sf/c7/aqar/7.2.1_VCET_Additional(AQAR).pdf

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)

Institutional Distinctiveness

EMPOWERMENT THROUGH EDUCATION FOR BETTER PLACEMENT

Our institution provides quality and affordable higher education to the rural community students with a clear focus on placement.

EXCELLENCE IN ACADEMICS

At present, VCET offers 8 UG programmes and 4 PG programmes. VCET has a well-structured Choice Based Credit System with a focus on Outcome Based Education. Elective courses framed in accordance with the needs of the industry. Through District Nodal Resource Centre for Spoken-Tutorial Project, IIT Bombay, NPTEL Local Chapter and 'FAST TRACK' system, VCET encourages the students to take up additional learning and skill acquisition courses for better placements.

In 2020-2021, 565 students and 66 faculty members got NPTEL certifications and 267 have availed Fast Track facility.

TRAINING AND PLACEMENT

VCET has signed Memorandum of Understanding (MoUs) with more than 40 industries. VCET provides various training activities for the students through its Placement and Training Cell. Over 90% of the students are placed in reputed multinational companies.

OTHER SUPPORT SYSTEMS

In the current academic year, various scholarships to the tune

of Rs. 2,58,13,500 is offered by the institution. The institution's proven track record in producing skilled workforce in all walks of life has given VCET a worldwide reputation.

File Description	Documents
Appropriate link in the institutional website	https://velalarengg.ac.in/naac/ins_distinct(AOAR2020-21).php
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. Introduction of new programmes - B.Tech. (Artificial Intelligence & Data Science) & M.E. Biomedical Engineering
2. Industry oriented Curriculum and syllabi with more focus on employability and Innovation (R 2022)
3. Encourage Faculty members and Students to participate in the International level events
4. Improving placement with high average salary packages
5. Strengthening Entrepreneurship and Innovation Eco system at the campus (To have at least 3 start-ups @ VCET)