YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	A.V.C.College of Engineering
• Name of the Head of the institution	Dr. P. Balasubramanian
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04364227202
• Mobile no	8682036796
• Registered e-mail	avcce@avccengg.net
• Alternate e-mail	principal@avccengg.net
• Address	A.V.C College of Engineering,Mannampandal , Mayiladuthurai-609305 Mayiladuthurai Dist., Tamil Nadu
• City/Town	Mayiladuthurai
• State/UT	Tamil Nadu
• Pin Code	609305
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the Affiliating University	**Anna University**
• Name of the IQAC Coordinator	**Dr.N.Dhanasekar**
• Phone No.	**04364227202**
• Alternate phone No.	**9442075675**
• Mobile	**9443578497**
• IQAC e-mail address	**iqac@avccengg.net**
• Alternate Email address	**avcce@avccengg.net**
3.Website address (Web link of the AQAR (Previous Academic Year)	http://www.avccengg.net/downloads/AQAR2023.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	http://avccengg.net/calendar.php

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.73**	**2013**	**05/02/2013**	**04/02/2018**
Cycle 2	**B++**	**2.88**	**2018**	**03/07/2018**	**02/07/2023**
Cycle 3	**A**	**3.06**	**2024**	**04/08/2024**	**03/08/2029**

6.Date of Establishment of IQAC	**16/05/2013**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. S. Padmapriya	Hackathon	tamilnadu state -Niral Thiruvizha	6 months	9993
Mr.S.Pasupathiraja	Hackathon	tamilnadu state -Niral Thiruvizha	6 months	10000
Dr. SA. Chithradevi	Hackathon	tamilnadu state -Niral Thiruvizha	6 months	10000
Dr.S. Rajkumar	Hackathon	tamilnadu state -Niral Thiruvizha	6 months	9997
Dr. G. Sriharan	PROJECT	TNSCST	6 months	7500
Dr.J.Swaminathan	PROJECT	TNSCST	6 months	7500
Dr.R.Renuka DevI	PROJECT	TNSCST	6 months	7500
Mr. S. Pasupathiraja	PROJECT	TNSCST	6 months	7500
Dr.K.R.Vinothini	PROJECT	TNSCST	6 months	7500
Dr.K.Manikandan.	PROJECT	TNSCST	6 months	7500

8.Whether composition of IQAC as per latest NAAC guidelines	Yes	
• Upload latest notification of formation of IQAC	[View File](#)	
9.No. of IQAC meetings held during the year	2	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been	Yes	

uploaded on the institutional website?		
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**	
• If yes, mention the amount		

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

The process for NAAC 3 rd cycle re-accreditation was successfully completed, achieving an "A" grade to ensure quality.

NBA Compliance Report preparation and submitted for the departments of EEE,CSE,ECE & MECH

innovations of our faculty members encouraged to publish patent

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
NAAC Re-accreditation	The process for NAAC 3 rd cycle re-accreditation was successfully completed, achieving an "A" grade to ensure quality.
To provide more employment opportunity to the students it is planned to visit various companies by the placement cell to conduct more placement drives.	The placement members visited many companies and invited for placement recruitment. 53 students placed during the year 2024. 135 Students were trained by Incubation Centre. Major recruiters are Immergro Technologies, Excel Red Tech, Karur Vysya bank, GK Power Expertise, Muthoot Group, Kaynes Technology, Aqua Sub, Calizone Calibration Centre, Syscom Automation, Foxconn India and Mechatron Calibration, Snipe Engineers and JBM for the final year students
Students skill development: To make the students employable, the following skill development activities are planned: (i)Inplant Training (ii)Industrial visit (iii)Value Added Course to cover content beyond syllabus (iv) ICT Academy (v)Aptitude training by external agencies.	Higher education and placement. (i) 100 students of various departments had undergone In-plant training in various companies. (ii) Our students had visited various industries like KITEX garments, Ernakulam, Tracho cable company limited, Kerala- Electricals, Seablue Ship yard, AVT natural Products, Kerala, Puducherry Power corporation limited, Karaikal, TEXMO & AQUATEX and Gedee Car Museum, Coimbatore and Homewood Tea Industry, Ooty. (iii) Value added courses were conducted in all departments to cover the syllabus beyond their curriculum. (iv) ICT Academy Prestigious Awards (MongoDB for Academia Partnership Award, Centre for Excellence for Youth

	Empowerment and Certification of recognition E-Sevai for all Award). (v) Aptitude training program were conducted for the final year students by Mr.B.Vinoth, Professional Trainer, the enhancement of Aptitude skills of students in on- campus and off-campus drives. Totally 53 students were placed in various companies.
To enhance the knowledge of faculty, it is planned to conduct various faculty development programmes through different cell/Club activities. (i) Institution's Innovation Council (ii) Smart India Hackathon (iii) Alumni Meet to be celebrated again by Alumni Association after COVID pandemic.	The faculty members attained knowledge in the current field. (i) IIC - Institution's Innovation Council of our college conducted various events for the benefit of students and faculties. IIC cell received Three Star Rating for various activities conducted at our institution as prescribed by the Innovation Cell, Ministry of Education, Govt. of India. (ii) Smart India Hackathon: 4 teams participated in the grand finale of National Level Coding Contest. (iii) Alumni Meet 2024 was celebrated on 16th December 2024 in College premises. Nearly 75 Alumni from various parts of the country and abroad participated in the Programme and shared their views. From each department, two alumni were honoured with "Best Alumni contribution award -2024" and "Best alumni Entrepreneur award-2024".
To improve research and patent filing attitude of the faculty, it is planned to form IPR cell with interested faculty members.	One patent got granted and 11 patents have been published in the year 2024.
To encourage the faculty members to do Ph.D.	*52 papers have been published in various National and

	International Journals and conferences by our staff members. * Total No. of Faculty with Ph.D at our Institution is 54.
School Visit for U.G Admission and Technical events for Polytechnic students for Lateral Entry Admission: To expose the facilities available at AVCCE and to educate the value of different disciplines of Engineering programmes. The following programmes were planned in polytechnic and school level. *Technical quiz *Treasure hunt *Circuit design (i)To enhance the enrolment in UG I year and II year, various programmes were planned to conduct at school and polytechnic level. To visit different schools in and around Mayiladuthurai and give awareness programme about the value of Engineering. (ii)To invite the higher secondary students for project expo at our institution to have higher visibility of our infrastructure. (iii)To conduct competitions and events like mathematical Quiz to the higher secondary students and various technical events for polytechnic students	Visibility of our institution and the courses offered by us is increased. I year and Lateral Entry students enrolment is increased.

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

- Name of the statutory body

Name	Date of meeting(s)
IQAC MEETING	30/12/2024

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2024	08/01/2025

15.Multidisciplinary / interdisciplinary

Institution has the vision of setting a benchmark for the education providers in the field of Engineering and Technology and providing quality technical education. The institution is keen in promoting multidisciplinary approach among the student community thereby facilitating the young minds to solve day to day societal problems. Being a afflicted institution, we follow the curriculum and syllabi offered by the affiliating university viz. Anna University, Chennai. The university offers non-credit mandatory courses that emphasize general health, mind, history & culture, nation building, gender equality and industrial safety in the minds of students. The university offers credit courses on human values & ethics, environmental science and sustainability, internship and project work towards the attainment of a holistic and multidisciplinary education. As per Anna University norms students may be permitted to choose the open electives on their interests. The students have the liberty of choosing open electives from other programmes to discover their interests during their learning journey. Further the curriculum permits the students to choose online courses from sources like Swayam in lieu of open or professional electives for a maximum of 6 credits. This gives students them to claim a variety of skills

16.Academic bank of credits (ABC):

As per Anna University norms, students can earn credits through online courses (maximum of 6 credits) and internship / In plant training can be transferred. Value added courses also having credits but not considered to calculation of CGPA.

17.Skill development:

Skill developments programmes are conducted through Nan Mudhalven and Nalayathiren schemes of Goverment of Tamilnadu and the credits earned will be transferred to the student's account. Further internship / in plant training is made as mandatory from 2021 onwards.

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

As per the Anna University syllabus, the significance of promoting the Indian knowledge system is emphasized through various community oriented activities. Students are encouraged to observe and participate in cultural events for regional and national importance. Students Fine Arts club is aiming at nurturing language skills in the local language. Faculty members are motivating the students by translating the SWAYAM, NPTEL courses into Tamil

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

Outcome Based Education (OBE) is an educational model that forms the base of a quality education system. All educational activities carried out in OBE should help the students to achieve the set goals. OBE enhances the traditional methods and focuses on what the Institute provides to students. It shows the success by making or demon striating outcomes using statements" able to do" in favour of students. OBE provides clear standards for observable and measurable outcomes. For every semester, three internal assessment tests and two internal assessments for 100 marks are conducted as per 2017 and 2021 regulations respectively. The questions are framed as per Blooms taxonomy annotated with Course outcome, program indicators and skill levels such as L1 for Remembering, L2 for understanding, L3 for analyzing and so on. After evaluating the answer sheet, staffs has to fill in the tabular columns as how much mark is obtained by a student with respect to each Course outcome in answer sheet. Questions are mapped with CO's and skills as per Blooms taxonomy (BT) levels. Individual student's answer book is evaluated and questions answered by the student are mapped with CO's and PO's. Each question is mapped with COs so that students will be able to understand the course outcome of a particular subject. The mechanism to deal with internal examination related grievances is transparent, time bound and efficient. The test answers and marking scheme is discussed by the faculty with the students. The attendance record of each student is maintained and due weightage is given for attendance in theory class and practical sessions, performance in tests/tutorials and timely submissions. The Institute encourages independent learning through project and paper presentations by students. The Institution and the departments stated their PEOs, PSOs and POs. It is disseminated to all the students through college calendar, website, notice board, etc., The POs designed by Washington accord is mapped with the course outcome and is evaluated during continuous assessment tests. The PO and CO attainment is measured as follows with corresponding correlation levels, 3 :High 2 : Medium 1 :Low

20.Distance education/online education:

A.V.C. College of Engineering is affiliated with Anna University. As per Anna University norms students may be permitted to do two online courses (which are provided with certificate), subject to a maximum of six credits. The online course of 3 credits can be considered instead of one elective course. These online courses shall be chosen from the SWAYAM platform, provided the offering organization conducts regular examination and provides marks. The credits earned shall be transferred and the marks earned shall be converted into grades and transferred, provided the student has passed in the examination as per the norms of the offering organization. The details regarding online courses taken up by the student and marks/credits earned and the approval for the course from Centre for Academic Courses shall be sent to the Controller of Examinations, Anna University in the subsequent semester(s) along with the details of the elective(s) to be dropped.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	529

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	1496

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	510

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**427**

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

3.Academic

3.1 Number of full time teachers during the year	**102**

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

3.2 Number of sanctioned posts during the year	**102**

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

4.Institution

4.1 Total number of Classrooms and Seminar halls	**54**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**264.95**
4.3 Total number of computers on campus for academic purposes	**540**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Regulation and the Curriculum are framed by the Anna University,

Chennai for all the affiliated institutions. The syllabi and regulations are changed once in four years. Based on the curriculum, course plan for each subject is prepared by the subject staff and the subject is being taught to the students. The curriculum is framed in such a way that 30/45/60/75 periods for theoretical and practical subjects for 2017 and 2021 Regulation. An Academic Handbook is prepared at the beginning of the academic year by the Institution for students and staff on reference about the working days and assessment schedule. The course file is an official record, a compilation of the planning and execution of teaching/learning activities carried out throughout a semester in an academic year for a particular subject. The course file consists of preface, previous year university question papers, notes, handouts, PPT, test/exam question papers, three model answer scripts for each test/exam (best, average and academically poor students), Assignment plan, topics and copy of assignment, feedback analysis report etc. The entire process is monitored by the Head of the Department concerned and Principal through verification of records, class room observations, faculty evaluation andself-appraisal report.

File Description	Documents
Upload relevant supporting document	[View File]()
Link for Additional information	http://avccengg.net/academic/images/CD.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

At the beginning of every academic year based on the academic schedule given by the affiliated university an academic calendar for each semester is prepared which includes number of working days , examination and assessment schedule. The calendar is available in the college's website and notice board. All classes and examinations are scheduled according to the calendar, ensuring strict conformity. Compliance of Continuous Internal Evaluation with Academic Calendar.

1. Classes and Lab time-table-The timetable is posted on the college portal and on the notice boards in every department.

2. Course files and Lecture Plans- The course file is subjected to the approval of the principal.

3. Internal Exams- The academic calendar lists the dates of the Continuous Internal Assessments CIA I, CIA II and Model Exam for

2017 Regulation and CIA I and CIA II for 2021 Regulation.

4. Internal Exam Question Papers- Internal exam question papers are prepared by faculty concerned and approved by the department head.

5. Evaluation of examination sheets- Each department's answer sheets are cross-checked by the HoD to ensure a transparent and unbiased evaluation.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	http://avccengg.net/calendar.php

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	[View File](#)

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

11

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

23

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

393

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The institution incorporates cross-cutting societal themes such as Moral Values, Universal Human Values as per National Education Policy 2020, Professional Ethics, Ethical Values, Gender Equality, and Environmental Awareness into the curriculum. Curriculum integrates many cross cutting issues and offers courses on

Environmental studies, Gender studies, Human values and Ethics mandatory papers for all UG courses. Language papers incorporate these issues to sensitize the students.

GE8076-Professional Ethics in Engineering, MC5035-Business Ethics, BA4111-Indian Ethos are some other courses which also impart specific Professional Ethics. Gender: Students are sensitized about gender issues by its integration into the curricula of MX3081 -Introduction to Women and Gender studies.

Human Values: Value Education offered as a mandatory course to all the undergraduates, stresses on human values, ethics and societal issues. The curricula offer a wide variety of courses with emphasis on human values. Environment and Sustainability: As per Anna University Regulation 2017, GE8291-Environmental Science and Engineering and Regulation 2021, GE3451-Environmental Sciences and Sustainability are mandatory courses for all UG students. With these courses, students will be able to appreciate the relevance of ethical values in their personal, social, and professional lives.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

11

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

441

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above

File Description	Documents
URL for stakeholder feedback report	http://avccengg.net/academic/images/Feedback/Consolidated%20Feedback.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	[View File](#)
URL for feedback report	http://avccengg.net/academic/images/Feedback /Consolidated%20Feedback.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

508

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

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

496

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The following steps are taken to assess advanced learners

1. Along with class participation during lectures, tutorials, class tests, assignments, presentations, and other interactions are regularly assessed to identify the advanced learners.

2. Students are encouraged to refer advanced textbooks, journals and for their advanced studies. Home assignment and projects are taken prepared from the students.

3. Encouraged to enroll in MOOC Courses – Swayam, NPTEL courses, Project Competitions and participate in National and International conferences/ symposiums, seminars, Smart India Hackathan, exhibitions and cultural competitions.

4. Students, who secured Ranks in the University Examination, are honored with Medals on the Annual Day

5 Motivated to share the gained knowledge to the other students thereby improving the knowledge sharing capability.

Based on the university grades secured by the students and CIA performance, identify the slow learners

1. Remedial Classes are conducted with an aim to improve the academic performance of the slow learners. This practice helps the struggling learners to improve subject knowledge

2. Mentor-mentee interaction keeps faculty in constant touch with students, irons out academic and personal issues, and stimulates overall personality development.

3. Providing simplified materials. Question Banks for all units and E- notes.

File Description	Documents
Paste link for additional information	https://avcinstitutions.net/material/
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1283	102

File Description	Documents
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

Students are the most important stake holders of the Institute. All efforts are being taken to groom them as Professional Engineers with social and environmental responsibilities of our institutions.

Experiential learning

Experiential learning is made effective in four stages by applying the mode of watching (observation), Sensing, thinking and doing. Project, mini project, Laboratory sessions, In-plant Training, Field visit, Industrial visits, and professional development courses are arranged to give hands-on experience to students. Hands on workshops, Technical Competitions.

Participative Learning

It is enhanced with case study analysis, value added programme, IITB spoken tutorial courses, MOOCS ,NPTEL courses and entrepreneurship activities . Invited lectures by experts from the industry and add-on courses, workshops, seminars are organized by the respective departments and students are encouraged to actively involved. The college encourages students to take part in national-level competitions like Learnathan , AICTE – Smart India Hackathon , conferences etc.,

Problem solving methodologies

To enrich student's creativity, decision-making ability, critical thinking, reasoning power and finding solutions and methods Students are very well engaged in problem solving methodologies using Massive upskilling platforms such as Tamilnadu Government skill development Program "Naan Mudalvan" , "NalaiyaThiran", AICTE – Smart India Hackathon, "KAVACH"- Cyber security hackathon, IIT-B-FOSSEE Mapathon. Intellectual properties generated by students are being patented through IPR cell supported by MHRD-AICTE "KAPILA" scheme.

File Description	Documents
Upload any additional information	View File
Link for additional information	http://avccengg.net/academic/images/CD.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Teaching and Learning Methodologies are adapted with LMS (Learning Management System) Tools , animated videos, demo, online lectures, PPT's and MOOCS in day-to-day teaching process to enhance the better understanding of the courses.

ICT tools are equipped in central library to access technical magazines, e-journals, Delnet digital access facilities . Group discussions, quiz, research activities, innovative assignments and student presentations for better understanding of concepts/ technologies are in practice using ICT Tools.

Free Internet access in the library and Wi-Fi facilities in campus promote the habit of self-learning among the students. Computer assisted learning is provided in English Language Lab. Google classroom is used to manage and post course related information such as lecture materials, assignments and internal assessment exams. PowerPoint presentations are ena bled with animations and simulations to improve the effectiveness of the teaching learning process.

ICT allows the teacher to produce and modify resources quickly and easily. It helps teachers to design their lesson plans in an effective, creative and interesting approach that would result in students' active learning

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

102

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

102

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

60

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

1215

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Academic and assessment schedule of the institution is planned as per the guidelines of the affiliating university and is displayed on the notice board and college website well in advance before the commencement of class work. On the orientation day, all the freshers are made aware of the evaluation processes. An examination cell headed by the Principal is available at our institution; it consists of a senior Faculty member as coordinator, other teaching faculty and non teaching staff as members for the smooth conduct of end semester and continuous internal assessment (CIA) examinations. CIA test to various departments as per the academic calendar is conducted by the exam cell.

The institution follows strictly the guidelines and rules issued by the affiliating university while conducting CIA and end semester examinations. Two/Three CIA tests are conducted each semester as per university regulations. Time table for CIA test is prepared and communicated to the students well in advance. Question papers for CIA tests are set by the faculty members as per Bloom's Taxonomy. Each question is accompanied with the corresponding course outcome, bloom's taxonomy level and Performances indicator. After evaluation of internal assessment answer scripts, the scripts are shown to the students to check any discrepancy. If they come across any doubts, clarification is given by the faculty to enables them to fare better in future. The students' attendance and CIA marks are verified by the HODs concerned.

File Description	Documents
Any additional information	View File
Link for additional information	http://avccengg.net/ec2.php

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

A complete transparency is maintained by the exam cell of our Institution during the internal assessment procedures as directed by the university. The internal assessment test schedules are prepared as per the university schedule and are communicated to the students well in advance.

Evaluation is done by the course-handling faculty members within three days from the date of examination. The corrected answer scripts at random are verified by the HOD to ensure the standard evaluation process. The corrected answer papers of the students are distributed to them for verification by the students and any grievance is redressed immediately. The marks obtained by the students in internal assessment tests are displayed on the department notice board and uploaded periodically on the university web portal along with their attendance.

If a student is not able to appear for any Continuous Internal Assessment tests(CIA) due to medical or any genuine reason examination is conducted for that student as per norms, provided that he/she submits application with proper documents. Any student who is not satisfied with the assessment and award of marks may approach the concern HOD who can intervene and seek opinion of another course Teacher. The Institute follows open evaluation system where the student marks is displayed on the notice board and the same is informed to the parents.

File Description	Documents
Any additional information	View File
Link for additional information	http://avccengg.net/ec3.php

2.6 - Student Performance and Learning Outcomes

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

In Outcome Based Education (OBE) the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are followed by the department in accordance with Anna University for each program. It is disseminated to all the students through College Website, classrooms, Laboratories, notice board, etc., The Program specific outcomes (PSOs) are the specific skill requirements and accomplishments to be fulfilled by the students at micro level at the end of the program. The PSOs, which are typically two to four in number, are created by the programme coordinators in collaboration with the course coordinators. The issue is discussed by the programme advisory committee (PAC), which is made up of the head of the department and subject matter experts from each department, and is approved by the principal. Programme Outcomes (POs), which are based on the Washington Accord, are general statements that explain the professional achievements that the programme aspires to achieve and which are expected of the students by the time the programme is finished. The information, talents, and personality traits that students are expected to acquire in order to graduate are included in many different categories of POs. The faculty members (course coordinator) finalized the course outcomes using Bloom's Taxonomy based on the Anna University curriculum. The relationship between COs and POs/PSOs is tabulated as a matrix. The correlation levels used to measure PO and CO attainment are 3 for High, 2 for Medium, and 1 for Low.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	http://avccengg.net/academic/images/copoatt.pdf
Upload COs for all Programmes (exemplars from Glossary)	[View File](#)

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Each course is defined with a set of course outcomes describing what the students are expected to know after completing each course. Course outcomes are oriented towards achieving the respective program outcomes. As per Anna university Regulations , Two CIA tests and one model exam for R2013 and R2017 whereas two CIA Tests for R2021 is conducted per semester for 100 marks.

1. Each question paper consists of 10 questions under Part A with 2 marks each, Part B consists of 5 questions under either or

pattern with 13 marks each and Part C consists of 1 question under either or pattern with 15 marks. Each question is mapped to a specific CO. The marks scored by the students are summarized in the answer sheet.

2. Each course has assignments that deal with a distinct CO. Assignments may include Case Studies, Problem Analyses, Multiple Choice Questions (MCQs), Short Answer Questions (SAQs), or Long Answer Questions. Evaluation criteria may include presentation and topic comprehension.

3. Class tests are conducted for each course and are mapped with prescribed COs.

4. The end semester examination is conducted for 100 marks and weightage is considered based on the University norms.

5. Based on the marks obtained in the Internal tests, class tests, assignments and University examinations (UE), the CO attainment computation is performed. For each CO, the number of students who scored more than the target level is computed in 3 degree scale. The set attainment levels are then verified.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	http://avccengg.net/academic/images/copoatt.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

293

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	http://avccengg.net/academic/images/annual.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)

http://avccengg.net/academic/images/Grad%20survey%20new.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0.85

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

16

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

6

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.tanscst.tn.gov.in/myweb/uploads/2024/09/SPS-Result-2023-24.pdf

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution understands the value of acquiring knowledge through regional language. To integrate Indian Knowledge system the teachers are teaching the important concepts in bilingual mode (English and Tamil). An IKS cell is established at our institution to promote Indian culture, teaching in Indian Language through online and off line programs

To promote interdisciplinary research, preserve and disseminate further research and societal applications IPR cell and IIC are established at our institution. Their primary function is to facilitate, coordinate the interdisciplinary work done by various institutions in India and abroad including Universities, institutions of national importance, R&D lab and different ministries. Intellectual property plays an important role in providing a competitive edge to any Institution. The tangible assets like inventions, designs, software, brand name and other creative & innovative ideas are more valuable than physical assets. AVCCE- IPR Cell is committed to encourage, protect, manage and commercialize Intellectual Property such as Patent, Copyright, Trademark etc. The cell creates conducive environment in the academics for the development of Intellectual Property. So far, 11 patents were filed through this cell and among them 9 were published in IPR India journal.

To promote the wheel of excellence in Innovation, Incubation, startups and entrepreneurship to uplift the institution towards eminence of excellence in technical education, the institute has established the IIC in the year 2019. The IIC of A.V.C. College of Engineering is securing star ratings by the Ministry of Education,

MHRD, AICTE India continuously based on our performance

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://www.avccengg.net/downloads/PT1920.pdf

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

41

File Description	Documents
Report of the event	[View File](#)
Any additional information	[View File](#)
List of workshops/seminars during last 5 years (Data Template)	[View File](#)

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

23

File Description	Documents
URL to the research page on HEI website	http://avccengg.net/research/guide.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	[View File](#)
Any additional information	[View File](#)

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

38	

File Description	Documents
Any additional information	[View File](#)
List of research papers by title, author, department, name and year of publication (Data Template)	[View File](#)

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

95	

File Description	Documents
Any additional information	[View File](#)
List books and chapters edited volumes/ books published (Data Template)	[View File](#)

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college encourages the faculty and students to initiate, participate and implement the programs which contribute to societal awareness in various issues. There are different student clubs/associations in the college like National Service Scheme (NSS), National Cadet Corps (NCC), Youth Red Cross (YRC) and Red Ribbon club (RRC), Yoga club, and Eco club. The activities of the institute social outreach programs include awareness programs (for environment, water conservation, rain water harvesting etc), blood donation camps, educating rural populace, educating school children for the development of soft /analytical skills/career guidance, etc. In association with Mayiladuthurai Traffic Police Students conducted survey of accidental zones on the road and collected data for providing essential facilities like Signal lights, Speed breaker,

reflecting light, Divider and road extensions to be added to reduce the accident of various spot in Mayiladuthurai district The college has two NSS Units and it conducts different activities. These are in tune with the activities of Anna University, Chennai. It is also active in organizing activities which address societal problems.

File Description	Documents
Paste link for additional information	http://avccengg.net/activities/nss/nssintro.php
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

13

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

17

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

300

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

120

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

3

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institute fulfils all the norms specified by the Statutory bodies in terms of land requirement, Instructional, Administrative and amenities area. The institution has a sprawling campus spread over 30.09 acres with all weather approach road, modern buildings for each department with technology enabled class rooms, well stocked library, seminar halls, drawing halls, well equipped laboratories, Workshops, Staff Rooms etc.,

The Institution has sufficient number of well-furnished, well ventilated, Wi-Fi-enabled 35 class rooms and 12 tutorial halls for conducting theory classes with an area more than the required norms. They are equipped with ICT facility. Totally 42 laboratories are well equipped for both syllabus oriented practical and research-oriented activities. The Institution has an exclusive language lab equipped with audio, video facility with 30 computers. Totally 13 air-conditioned computer laboratories are available with 560 computers to meet the computing requirements. Air-conditioned Seminar halls in each department with audio system and LCD projector with adequate capacity connected with 300 MBPS internet leased line with Wi-Fi are available.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.avccengg.net/downloads/lcd.pdf

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

PEKAK hall with 250 seating and PEKAK Multipurpose hall with 3000 seating (1500+1500 gallery) with audiovisual facilities, podium, sound system, and LCD projector are used to conduct college functions and mega events.

Facilities for Sports Activities AVC College of Engineering have been imparting not only the quality education but also providing opportunities to build up a healthy body.The students are coached in both indoor and outdoor games.Our College has a playground of 2 acres with 400m international standard track with a gallery.

Apart from outdoor games the college has made provision for indoor games such as table tennis, carom, chess and badminton. College has a well equipped gymnasium with facilities such as machine exercises, free weight exercises and a separate hall for yoga and meditation. College has an International Standard multipurpose indoor stadium. Our college is conducting intramural games and sports event every academic year. Healthy competitions prevailed among the students to participate in this event. Students from various departments are grouped under four houses and each.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.avccengg.net/activities/sports/sportsintro.php

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

59

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.avccengg.net/downloads/lcd.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

95.35

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

An Integrated Library Management System (ILMS) is an automated package of library services that contains several functions, which is used in Library. These functions usually include circulation, acquisition and cataloguing etc,. Library functions such as Acquisition, Cataloging and Circulation are automated using the software "AUTOLIB"4.2. This software is fully integrated with multi user facility .19 Computers and 1 server in the library is connected through the LAN for information access as well as Library management. Online Public Access Catalogue (OPAC) allows students to browse a book by author, title or subject wise. Barcode based circulation of books is practiced. All Students and Faculty members can access all electronic journals and e-books from any system in the campus. For public access in Library our Library has two printers with reprographic and scanning facility. The College is

having membership of Springer, DELNET and NDLI. For self learning, NPTEL –IITM videos and spoken tutorial-IITB course materials are also available in central library. By providing ICT tools NPTEL and Spoken tutorial Videos are accessed by the faculties and students. Apart from the central library, each department has a separate departmental library with reference and text books. Separate two PG libraries also available in the campus with required books count and has all the above facilities. The Library is secured with Fire & Smoke Detectors and CCTV surveillance.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://avccengg.net/Facilities/libraries.php

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

6.91

File Description	Documents
Any additional information	View File
Audited statements of accounts	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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

35

File Description	Documents
Any additional information	[View File](#)
Details of library usage by teachers and students	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The institute has an advanced IT infrastructure that is intended to improve the teaching and learning experience for both teachers and students. This includes a robust LAN and Wi-Fi network that covers the entire campus providing seamless internet connectivity to all members of the Institute. Computer Networks (LAN and WAN) are maintained by structured cabling and OFC.

The Institute has 560 computers that are regularly updated to align with current best standards and to accommodate the evolving needs of faculty and students. Reliable software like MATLAB, LAB view, ANSYS (Licensed, open source) and firewall protections are available to ensure the security. Hardware infrastructure: 560 systems, 26 Printers, 7 scanners, 28 UPS, 3 Smart Boards and 39 LCD projectors are available which is above the requirement of statutory bodies.

Networking infrastructure: LAN (1GBPS) ,12 Wi-Fi access points in different buildings with Active and passive components for networking Core Switch. Del Sonic Firewall is used for Security purpose System and 64 CCTV is available in the campus.

A separate system maintenance wing is maintaining and updating the IT infra structure. All the academic and administrative IT infrastructure requirements given by the Head of the Departments are addressed by this team.

The College regularly upgrades both software and hardware facilities as per academic requirement given by the Heads of the department. Every department has a dedicated computer lab. In addition to these labs, common computing centre with 60 higher configuration systems are available. All the systems available in the college are

connected and are provided with Internet facility via LAN with 1 GBPS speed

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://avccengg.net/amenities/wifi.php

4.3.2 - Number of Computers

560

File Description	Documents
Upload any additional information	View File
List of Computers	View File

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

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

57.75

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Every year, funds are allocated towards the purchase of materials and equipment's based on the Annual Budget prepared and approved by the Judge Administrator considering the requirements of all the academic departments, maintaining physical infrastructure and supporting facilities. Regarding purchase of materials and equipment requisition letter will be submitted by the Department head concerned after verification by the Dean, Director and the Principal, the same is submitted to the Judge Administrator for approval. At least three competitive quotations will be obtained from vendors and suppliers. Comparative statement is prepared with the competitive quotations and lowest bidder is recommended to the Judge Administrator for supplying the materials without compromising the quality. After obtaining the approval from the Judge Administrator purchase order is placed and after the receipt of materials in good condition, payment will be made by way of cheque to the suppliers. By following the above procedure, laboratory equipment's, chemicals, Library books, sports materials, computer, and stationary articles are purchased. All the purchased items have been entered in the Department stock register and the utilization of the above materials are also monitored. The Department Heads are entitled to purchase small items required for contingent expenses from their contingent amount.

Maintenance: The college buildings and infrastructure are maintained by the Civil Department. All the Electrical Maintenance works are carried out by the Electrical Maintenance wing. The computer and UPS are maintained separately by the System Maintenance wing.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://avccengg.net/administrative/staff.php

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1238

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

File Description	Documents
Link to Institutional website	http://avccengg.net/placement/employ.php
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

300

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

300

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

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

246

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

1

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

`1`

File Description	Documents
Upload supporting data for the same	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<u>View File</u>

5.3 - Student Participation and Activities

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

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

`35`

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
Any additional information	<u>View File</u>
Number of awards/medals for outstanding performance in sports/cultural activities at univer sity/state/national/international level (During the year) (Data Template)	<u>View File</u>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

`As per the regulation of Anna University, every class has a class`
`committee (like a Quality Circle) consisting of teachers of the`
`class concerned, student representatives and a chair person who is`

not teaching faculty of the class. At least 4 students representative (usually 2 boys and 2 girls, among from 2, one hosteller and one day scholar) have been elected for this class committee. A minimum of three or four class committee meetings have been conducted in a semester at regular intervals. During these meeting the student members representing the entire class have expressed the opinions and suggestions of the other students of the class in order to improve the effectiveness of the Teaching Learning Process. The college has various academic and administrative bodies that have student representation in these. This representation helps them for their overall development. These bodies create more avenues for students to develop technical skills, updating knowledge on the state of art subjects, personality development and service to society through the following bodies. There are staff advisors to guide the students for the smooth and efficient conduct of these activities.

File Description	Documents
Paste link for additional information	http://www.avccengg.net/activities/iqac/intro.php
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

6

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The Institution is having alumni association around 10,036 students as active mebers. Every Year alumni meeting is conducted on third week of december to discuss about various types of contributuion to the institution. The following activities are conducted through Alumni Assoiciation.

Invited Talks - Guest Lectures

Alumni interact with the respective HoDs and give them information regarding current trends and practices in theindustries in which they work, so that suitable improvements in the infrastructurefacilities can be made in the institution. Alumni also interact with the final year students and guide them in preparing for campus interviews in core and IT companies. Alumni help in arranging seminars in key areas. Alumni are also involved in guiding certain final year projects. They help the department to identify the industries for students to undergo in plant training. Interactive sessions in providing guidance regarding higher studies, competitive exams and placement for juniors.

File Description	Documents
Paste link for additional information	http://www.avccengg.net/downloads/count.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	**E. <1Lakhs**

File Description	Documents
Upload any additional information	**No File Uploaded**

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The institution is having a well defined vision and mission Vision To blossom into a cynosure of technological innovations. Mission To participate in the noble cause of nation building by offering

professional education, research and training in Engineering and Technology especially to the rural based Students. To ensure the efficient management and administration in accordance with the vision and mission, the college has a competent secretarial constitution comprising of: The Judge Administrator

The Director

The Principal

The Vice Principal

Dean (Academics)

The Heads of the Departments

The Faculty & Staff Members

The Administrator holds the Executive Committee Meeting with the Principal and the Director to review the academics, administration, research and development, testing and consultancy services and/or any other agenda planned for the growth of the institution. Major policy decisions are taken in these meetings. The Principal and Director Conduct meetings with all the Heads of the departments frequently regarding academic activities, following up on the academic calendar, students' progress, placement and trainingdetails, research and extension activities, industry interaction, consultancy assignments, alumni interaction etc. The Principal ensures that in all these reviews the decisions taken in the Executive Committee Meetings as well as the suggestions of the Governing council if any are effectively enforced.

File Description	Documents
Paste link for additional information	http://avccengg.net/academic/images/OC.pdf
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Various committees are formed for decentralization and participative management. Student's representatives are assigned as members and their contributions are utilized to improve the growth of the institution. Their views and suggestions are recorded, analyzed and

implemented Internal Quality Assurance Cell Women Empowerment Cell Entrepreneurship Development Cell Anti Ragging Committee PoSH Internal Complaint Committee Grievance Redressal Cell SC/STCommittee Professional Society Chapters. Within the overall framework, faculty members have the professional operational autonomy in conducting their teaching, research, training and consultancy apart from introducing new value added courses of relevance. The department heads have both academic and functional autonomy. Heads of various departments including library and transport are given contingency amount for any incidental expenses in their department/institute and is replenished. Transparency in academic administration is achieved through welldefined roles and objectives, professional practices and processes communicated to all faculty members and students.

File Description	Documents
Paste link for additional information	http://avccengg.net/activities/cell/wec/intro.php
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

For the achievement of the college Vision and Mission, there is a practice of devising Strategic Plans with a long and short term perspective. Those plans cover the future course of action on the areas of Quality Assurance, Additional in students' intake of available programs on demand, New Programs/Courses, Infrastructure, Learning Resources, Skill Up gradation, R&D, Curriculum, Industry Interaction and Entrepreneurship, Green Campus and National/International Recognition. Major plans envisaged in the perspective plan To apply for additional student intake in the demanded courses of UG programmes. To enhance the Internet & Wi-Fi facility with high speed connectivity in all academic blocks is planned. To make the campus as green and safe environment by planting more trees, efficient water and waste management. To improve and protect innovation of faculty members and students, an IPR cell to be formed.

To promote the research and development in campus by encouraging faculty members to obtain externally funded research projects. To enhance student enrollment, it has been planned to expose the facilities available at the Institution to the nearby schools and Polytechnics by conducting Project Expo, competitions and online

quiz program. To facilitate the rural based students and parents – TNEA online application filling process and admission counseling respectively at the institution is planned To enhance PG enrollment TANCET awareness programs by MCA and MBA departments to nearby college students are planned

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://avccengg.net/downloads/NBA.pdf
Upload any additional information	View File

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

The institute recruits the faculty members and staff as per the AICTE, Anna University guidelines and regulations. The staff selection committee reviews and recommends the deserved candidates for appointment. The promotions are given as per the policy of the institute. Parents Teachers meeting are conducted twice a year and the parents concerns are also well taken care. The college has formed a Grievance Redressal Committee for faculty, Staff and students to address their complaints and grievances to resolve them. The Principal is the Convener of the Committee and members of the cell to deal with the issues. Internal Complaint Committee (ICC) / Prevention of Sexual Harassment Committee (POSH): The Committee is formed with Convener and Members to receive the complaints of Sexual Harassment if any and deal with the complaints to take the corrective actions.

File Description	Documents
Paste link for additional information	http://avccengg.net/downloads/sr.pdf
Link to Organogram of the institution webpage	http://avccengg.net/academic/images/OC.pdf
Upload any additional information	View File

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

Examination

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

All the Teaching and Non – teaching Staff are well taken care by the college administration fulfilling the necessary statutory and regulatory welfare measures .As per Anna university/AICTE regulations, M.E qualification is the gateway entry for becoming Assistant Professor. Faculty members are encouraged to pursue Ph.D program and for Ph.D faculty, institution provides a special incentive to those who obtain the above qualification. Group insurance is provided to all staff members with Rs. 5,00,000 death claim. The Staff members are covered under Employment Provident Fund Scheme as per the Government rule. Medical Reimbursement is provided to staff members for unexpected events. Institution offers support in availing loans, festival advances and bonus are provided for all staff members.

Staff members are sanctioned all leaves (Casual Leave, Marriage Leave, Maternity Leave and Privilege leave) approved by government. Institution Provides Uniform to the house keeping staff members. For Security persons and Bus drivers lunch is provided from the students home at free of cost College supports faculty members to attend FDPs, Conferences, Seminars, Workshop organized by other institutions. Staff members are supported with On Duty for pursuing Ph.D, for attending national and international conferences. Faculty members are motivated to apply for research projects to various funding agencies. Caring for the health of its employees, Institute provides proper first aid facilities to teaching, nonteaching staff and students through a well furnished health centre. Ambulance facility is available for the staff and students round the clock.

File Description	Documents
Paste link for additional information	http://avccengg.net/downloads/sr.pdf
Upload any additional information	View File

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

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

11

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 programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

2

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

111

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The Performance evaluation of the faculty by the students is obtained with regard to course delivery by the teacher concerned twice in every semester – in the middle and at the end of the semester. This course wise feedback is obtained through online mechanism. The faculty member performance is reviewed by the head of the department and higher authorities through appraisal system. The outcome is communicated to the faculty members concerned. The analysis report is informed to each faculty for their improvement and encouragement. The evaluation of non-teaching staff is being done by concerned lab course handling faculty at the end of every semester and submitted to HoDs for further suggestions.

File Description	Documents
Paste link for additional information	http://avccengg.net/academic/images/FA.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit

objections within a maximum of 200 words

College undertakes Internal and external Financial Audits regularly at periodic intervals. Thiru.M.Sundaramahalingam, B.Com. FCA, Chartered Accountant, Mayiladuthurai / Mr.A. Krishnamurthy CA, Chennai is the internal financial auditor for the college for verifying the internal documents every year. The annual internal audit is being conducted by auditor and he submits the findings and suggestions in the form of report at the end of every financial year to the college. The grants received from the funding agencies are spent as per its guidelines are audited and relevant Utilization certificate duly signed are sent to the concerned authority. Government local fund Auditor will also check the documents as per the Government norms. Tuition Fees collection through reimbursement from Government Scholarships (7.5 Government School Scheme, PMSS, BC/MBC, SC/ST, First Graduate and Private Scholarships (Foundation for Excellence -FFE)). At the end of the financial year, account details are verified.

File Description	Documents
Paste link for additional information	http://avccengg.net/academic/statement.php
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

6

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The major source of income for the Institution is the annual student

fees, PMSS course fee for SC/ST students, Tuition fees for First Graduates and full fees for 7.5% Government school quota by the government. In addition examination fees collection are made from the students. The college extends theinfrastructural support to the Government and other agencies for conducting classes and examinations in the vacation periods and weekends with necessary rent. Interest accrued from college saving bank account and fixed deposits and endowment funds from the various donors fixed deposit are additional revenues. Further, income is also generated through Consultancy services. The grants are received fromgovernment funding agencies. Besides, the college also taps funds from the funding agencies in the form of AICTE, DST, SERB, ICSSR, and and training.Further, amount received from rent of ATM Machine & BSNL Tower, disposal of E-waste, used papers and condemned articles.

The Institution has a mechanism to monitor the effective and efficient use of financial resources. Head of department conducts a department meeting to finalize an annual budget for their department. The expenses required for the department activities such as organizing co-curricular and extracurricular activities are also included in the annual budget. The budgets of all departments are reviewed by principal and the final consolidated budget is forwarded to the administrator for final approval. Honorable Administratorwill approve the funds every year for purchase of equipments and various activities.

File Description	Documents
Paste link for additional information	http://avccengg.net/academic/statement.php
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The Institute IQAC contribution:

(a)Annual Quality Assurance Report (AQAR)

(b)Self-Study Reports of various accreditation bodies

(c) Stakeholder's feedback

(d)Action Taken Reports

(e) Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.

(f) Providing inputs for Academic and Administrative Audit andanalysis of results for improvement in areas found weak.

File Description	Documents
Paste link for additional information	http://www.avccengg.net/downloads/AQAR2022.pdf
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The improvements based on feedback implemented are: IQAC periodically reviews the teaching-learning process, structures &methodologies of operations,and learning outcomes: The standard methods of teaching, learning and evaluation which are proven over the years are being followed. Academic Calendar: Based on the University Academic Calendar the Institute schedules the academic calendar well in advance at the start of the year with ample time frame for not only the regular teachinglearning process but also to accommodate the various events like seminar/ guest lecture Preparation of course plan for each Semester: The course plan is prepared by the faculty members for all the subjects they teach in that particular semester. Enriching the curriculum with guest lectures, industrial visits and Internships Evaluation of faculty by students: The institution has a feedback system to evaluate the faculty by students. The regular evaluation of the faculty by the students, feedback on teaching methodologies, course delivery, attitude, strengths and weaknesses, difficulties faced in the subject give a clear idea about the problems faced by the students.

File Description	Documents
Paste link for additional information	http://avccengg.net/academic/images/Feedback/Consolidated%20Feedback.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the	A. All of the above

institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	http://avccengg.net/academic/images/annual.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The institution being a co-education institute gives equal opportunity for both male and female students. More female students are enrolled, with a 70% average over the past five years. Similarly, the average percentage of female faculty and staff personnel is 54%.

Among the ten HoDs, five are women appointed on their competency and skill without gender discrimination. Among the 39 active cells and committees, 20 are headed by Women. Equal opportunities are given for both genders in curricular and co-curricular activities like team activities, student committees and Smart India Hackathon teams.

Women Empowerment Cell in the college campus is to empower girl students, through guest lectures, seminars, awareness programmes and other welfare activities. During Women's day celebrations, various events and competitions are conducted for girl students and women staff members.

Online Grievance Redressal Cell and 24*7 Women Helpline, PoSH cell, Anti-ragging committee and squad ensure safety and security to girls students. The Institution has a separate Girls waiting hall with necessary amenities such as furniture, resting benches, sanitary napkin disposal machine, rest rooms, proper ventilation, sinks, lighting etc. The Institution is safe guarded with CCTV in all floors of department blocks, 24x7 Security guards in all gates and hostels.

File Description	Documents
Annual gender sensitization action plan	http://avccengg.net/activities/cell/wec/intro.php
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://avccengg.net/womenhelpline.php

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

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Our college has been promoting digital notes taking, reading email correspondence and online fee collection. The campus has adequate waste disposal and waste collection centers. A separate department is functioning in our college to maintain gardens and well being in hygienic manner periodically.

A Bio Mass Gasifier to convert bio mass in to fuel gas is available.College has installed disposable napkin machine for Girl

students & Lady faculty members. The different types of waste – solid, liquid, E waste, laboratory damaged equipments are properly segregated before disposal. For solid waste management incinerator is also used. The liquid waste are collected separately & disposed periodically. E waste & other laboratory damaged equipments are disposed as per government norms.

There are 9 bore wells with four RO plant (Mineral Water Plant 1000 LPH). The backlash is used for garden and toilet cleaning to conserve water and pumping energy. Rainwater harvesting units are placed separately for each building to conserve water and its maintained properly every year before the onset of the rainy season. A separate project Engineering Department is functioning in our college. Engineers and assistants are employed to do maintenance and periodical repairs.

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: | A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles

3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geo tagged 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 are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**B. Any 3 of the above**

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

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

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

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

The Institution has been taking all efforts to offer an inclusive environment in various aspects. After admission in first year, through a 15 day student induction program, Universal Human values such as Aspiration & Expectations, Competition & Excellence, four orders, self confidence, Gratitude, positive attitude, Trust, Health & Hygiene, Social responsibilities, self, body and desires, Relationship and family, Respect and Anger are imparted with expert speakers. Apart from these topics, Yoga and meditation and Tamil cultural are also imparted.

The institution is serving rural students, students with poor economic backgrounds. Students of various communities are admitted in the institution without any discrimination. The religious habits followed by minority students are permitted in view of assuring due respect to everyone's beliefs.

In order to enrich the moral values, rights and duties among students and staffs with respect to abiding by the constitution, various measures were taken by the Institution. The Institution celebrates the following commemorative days/events/festivals: International Women's Day, National Engineer's Day, and International Yoga Day, Republic day and Independence day. Cultural events such as traditional village dance forms will be performed by students in various functions/celebrations. Similarly various days as per AICTE/ MHRD instructions/ State/Central government announcements are also commemorated.

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

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

In order to enrich the moral values, rights and duties among students and staffs with respect to abiding by the constitution, various measures were taken by the Institution. Lectures were arranged with regard to road safety measures to be adopted, Election voting awareness, Being Honest and Resistant to corruption and other such programmes. Various seminars and lectures were conducted to inculcate the importance of following ethics in learning and working environment. Faculty members were permitted to participate in faculty development programmes on Professional ethics, Universal Human Values and knowledge sharing sessions were organised in which the faculties share the insights gained to other staffs and student community.

Republic day and Independence days are celebrated every year. Faculty and students give talks on various topics of national importance. They also read out poems/ verses on the themes. The sample topics are Preserving Independence, responsibilities of Indian Citizens, Vision of Students, and Heroes of Independence Struggle etc. Similarly various days as per AICTE/ MHRD instructions/ State/Central government announcements are also commemorated.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://avccengg.net/activities/uhv.php
Any other relevant information	http://avccengg.net/activities/club/fineintro.php

| 7.1.10 - The Institution has a prescribed code | A. All of the above |

of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff   4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

The Institution has celebrated the following commemorative days/events/festivals: International Women's Day on March 8th of every year, National Engineer's Day on September 15, and International Yoga Day on June 21 are celebrated in the institution. On Yoga day, through special yoga sessions staffs and students learn and practice yoga exercises. Pongal (Makarasnkaranthi) Day celebrations take place every year in the month of January. Students enthusiastically cook Pongal in separate groups which will be a colourful event to watch. Cultural events such as traditional village dance forms will be performed by students such as karagam dance, folk dance and martial arts forms etc.,

Republic day and Independence days are celebrated every year. Faculty and students give talks on various topics of national importance. They also read out poems/ verses on the themes. The sample topics are Preserving Independence, responsibilities of Indian Citizens, Vision of Students, and Heroes of Independence Struggle etc. Similarly various days as per AICTE/ MHRD instructions/ State/Central government announcements are also commemorated.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice I

1. Title of the Practice

Green is the way to go 2. Objectives of the Practice To create environment consciousness, Maintain biodiversity, Increase Tree plantation, Use of renewable energy and Effective waste management.

3. The Context

Environmental degradation and the effects of climate change are the most pressing issues confronting the modern world. The lack of awareness amongst students and general public about this challenging situation and abuse of nature is evident. There is a need to educate students and public about these issues and their negative effects on communities and human life, both now and in the future.

Best Practice 2

1. Title of the Practice On the way to NEP 2020

2. Objectives of the Practice

- **To transform into a holistic multidisciplinary institution**
- **To strengthen the vocational education and soft skills of students in alignment with National Skills Qualifications Framework**

3. The Context

Education without ethics and human value is equivalent to food in Wild River. A good education system is one which develops good human beings capable of rational thought and action, possessing compassion and empathy, courage and resilience, scientific temper and creative imagination, with sound ethical moorings and values.

File Description	Documents
Best practices in the Institutional website	http://avccengg.net/academic/images/bestpractice.pdf
Any other relevant information	http://www.avccengg.net/downloads/PT1920.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Institute with its Vision and Mission strive to participate in the noble cause of nation building by offering professional education, research and training in engineering and technology especially to the rural based Students. It empowers its stakeholders (Faculty, Students, Employers, Alumni), offer increased Industry interactions through training, placement and consultancy and also creates Social, Moral, Environmental awareness by following best practices such as recycling, using renewable sources of energy, value education, community service etc. It believes that this will not only develop professional engineers having respect for the environment and nation but also will contribute to technological development both from an Indian and global perspective. The institute takes numerous initiatives to promote Intellectual/Professional Competency by Innovation and Research Eco system leading to IPR. The faculty and students are encouraged in research and development the Institutional support. Various forums like IIC, R&D Cell, IPR Cell, ED Cell are functioning to achieve the objectives.

Faculty members and students of Electrical & Electronics Engineering had successfully designed and developed a pollution-free electric vehicle that is serving its purpose. Student teams participated in events like Hackathon, Mapathon etcsince 2017.The IPR initiativesincreasedthe number of Published patent applications in the past year (2022-23) has increased from 9 to 11 publications. The required resources are available in the institution. The faculty members and students understand this Research Eco system and

continuously endeavour in pursuit of increased Intellectual capacity.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- **Signing more functional MoUs with industries for the benefit of the students**
- **To increase Campus Palcements**
- **To make 70 % of Faculty to qualify for Ph.D Degree**
- **To involve 40% of Faculty in Externally Funded Research and Activities**