YEARLY STATUS REPORT - 2020-2021

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.C. Sundar Raj
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04364227202
• Mobile no	9442075675
• 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 , Chennai**
• Name of the IQAC Coordinator	**Dr.N.Dhanasekar**
• Phone No.	**04364227202**
• Alternate phone No.	
• Mobile	**9443578497**
• IQAC e-mail address	**naacaqar@avccengg.net**
• Alternate Email address	**avcce@avccengg.net**
3.Website address (Web link of the AQAR (Previous Academic Year)	http://avccengg.net/apexbody/images/AQAR2020.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/academic/images/avcacademic1.pdf

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**

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.J.Swaminathan	**REFRESHER**	**AICTE-ISTE**	**2020-21**	**279000**

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	3	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• 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)

To impart skill development, internship and value added courses to the students and 4 MOUs were signed

Department of EEE, MECH, CSE, ECE & Civil started the process for NBA and waiting for Peer Team visit

Arranged soft skill and aptitude training to the final year and prefinal year students with A to Z training agency to improve placements in MNC

The new initiatives taken for the improvement of the institution we have initiated National Cyber Defense Resource Center, NPTEL Local chapter, NDLI Club, National Innovation and Start up Policy [NISP] cell

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
New Initiatives to be taken for the improvement of the institution.	The initiatives taken by the institution are: ? National Cyber Defense Resource Center ? NPTEL Local chapter ? NDLI Club ? National Innovation and Start up Policy [NISP] cell
Ensure job for current final	128 students got placed ? On

year students to attract more students towards Engineering education.	Campus: 32 ? Off campus: 96
The faculty members should publish their articles in Annexure - I journals, Web of Science, Scopus Indexed Journals and UGC - CARE Approved Journals to improve the h-index and citations of the institution.	Journal Publications by faculty members are 118: Publications in SCI/UGC/Scopus : 48 Publications in Other Journals : 34 Publications in Conferences : 33 (National-15; International-18) Book Publications : 03
To find out the root-cause of decline in the pass percentage of students in Anna University End semester examination and to take appropriate preventive and remedial measures to improve the same.	Anna University Results (UG): Nov/Dec 2020: 98.3 April 2021: 99.1 PG: Nov/Dec 2020: 99.5 April 2021: 99
To continue the efforts taken by various forums.	No. of programmes conducted: ? Institution's Innovation Council (IIC): 4; ? ISTE Staff Chapter: 1; ? Yoga Club: 3
Giving importance to student's placement in core engineering areas to be continued in the next academic year also while conducting on-campus and off-campus interviews.	Placement in core engineering areas: On Campus: 2 Off Campus: 13
Initiatives to be taken by the institution to improve internship, value added program and vocational education.	? Value added courses are initiated in all departments. ? We are registered with Internshala portal and signed MOU's to improve internship ? Our students registered MOOCS-NPTEL Courses ? Number of students undertaking project work/ field work/ internships: 598 ? Number of students attended Add-on programs: 68
The process of applying for funded projects in various funding agencies by each faculty having doctorate degree has to	Funds Fetched are: MODROBS - AICTE ? Mechanical Department :Rs. 14,73,334 ? ECE Department :Rs. 10,00,000 ? ICE Department

be continued in the future.	:Rs. 11,00,000 ? AICTE-ISTE : Rs. 2,79,000 Total :Rs. 38,52,334
It has been recommended that eligible courses as per the norms of NBA may start the process to apply for NBA accreditation to improve the standard of the institution.	Department of EEE, Mech, CSE, ECE & Civil started the process for NBA accreditation and waiting for Peer Team Visit.
Academic Achievements to be continued to improve the standard of the institution.	? Green Campus Award - Mahatma Gandhi National Council of Rural Education, Ministry of Education, Government of India. ? ARIIA RANK – Band of Promising Institute ? Smart India Hackathon 2020 - Got first Prize of Rs.1 Lakh cash ? YRC – Received Appreciation certificate and shield for maximum blood donation. ? University Rank- Three Anna University Rank ? UG(ICE)- 1st Rank ; PG -2 [ME-A.E & MCA] ? Research center – Renewal of the Research centre
To improve admission, device various promotion schemes and conduct activities for higher secondary school students in the adjoining towns and villages.	? 3 Online quizzes and 2 awareness programmes were conducted for school and polytechnic students ? The tuition fees for lateral entry students was reduced in par with Government fees ? 22% increase in UG Admission ? 49% of last year lapsed seats were filled under lateral Entry

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

- Name of the statutory body

Name	Date of meeting(s)
IQAC	19/01/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021	15/02/2022

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	536

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	1319

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	433

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	474

File Description	Documents
Data Template	[View File](#)

3.Academic	
3.1 Number of full time teachers during the year	**119**

File Description	Documents
Data Template	View File

| 3.2

Number of sanctioned posts during the year | **119** |

File Description	Documents
Data Template	View File

4.Institution	
4.1 Total number of Classrooms and Seminar halls	**50**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**7953991**
4.3 Total number of computers on campus for academic purposes	**671**

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 45 periods for theoretical / practical subjects and 60 periods for problem oriented subjects. Affiliating University gives the academic schedule and assessment period at the beginning of each semester. 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. In addition to that, co-curricular calendar is prepared for every semester, which includes planned department level programmes and common programmes to execute. The subject faculty maintains the course file and log book which contains students' attendance, assessment marks and portion coverage details. 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. For an effective delivery of curriculum, the faculty members have to attend the faculty development programme, seminars, workshops, etc., In addition, special Guest Lectures, Seminars, Workshops, and online classes are often offered to the students by the experts from the leading industries and the institutions to fill the gap between the student and the faculty members. The entire process is monitored by the Head of the Department concerned, Dean (Academics) and Principal through verification of records, class room observations, faculty evaluation, self-appraisal report, etc.,

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

At the start of every academic year, the concerned official creates an academic calendar based on the University's circular, which includes a variety of curricular, extracurricular, and co-curricular activities. The calendar is posted on the college's website, displayed on notice boards, and emailed to students. It is updated and revised in response to any university-suggested changes.

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- Timetable for classes and labs prior to the commencement of the semester, the coordinator of each department develops a timetable based on the Anna University's criteria for the number of credit hours for each subject and the academic calendar. The timetable is posted on the college portal and on the notice boards in every department.

2. Course files and Lecture Plans- Following the assignment of subjects to faculty, each subject's course file is created, which includes a thorough teaching plan. It also contains the content beyond the syllabus with scheduled dates. The course file is subjected to the approval of the principal.

3. Internal Exams- The academic calendar lists the dates of the Continuous Internal Assessment (CIA) 1, CIA2, and Model Exams. The detailed examination schedule will be announced in advance. Exam sheets are evaluated within two days of the completion of each examination to ensure conformity. Internal viva and practical exams are administered by respective departments before/after the pre-university examinations in the case of laboratories and projects.

4. Internal Exam Question Papers are created 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.

6. Assignments and Quizzes in addition to tests, Assignments are part of Continuous Internal Evaluation. Students are given assignments and have three days to complete them and submit their solutions. With the aid of Google forms, every teacher conducts regular class tests consisting of MCQs on the linked topic for practise and review.

7. University Exams- The academic calendar lists the tentative dates for university exams. The final university exam timetable is also posted on notice boards for students.

8. Student feedback - At the end of each academic session, students offer comments for each subject via online feedback forms.

9. Academic Monitoring- For each subject, Head of Department keeps a monthly report on course coverage, student attendance, and assignments delivered. For students who are struggling in

mathematical or conceptual courses, remedial classes will be conducted.

10. Amendments- In the event of unforeseen circumstances, the academic calendar is adjusted and revised solely by the Principal of the Institution.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**
Link for Additional information	**Nil**

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	**A. All 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	**No File Uploaded**

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

9

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
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)

3

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
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

68

File Description	Documents
Any additional information	**No File Uploaded**
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

Our institution incorporates cross-cutting societal themes such as Moral Values, Human Values, Professional Ethics, Ethical Values, Gender Equality, and Environmental Awareness into our curriculum. Important parts of the curriculum include the compulsory topic "Environmental Science and Engineering" in the second year and the open elective course "Professional Ethics in Engineering" in the

final year. After studying these areas, students will be able to appreciate the relevance of ethics and values in their personal, social, and professional lives. These topics give a free environment for students to instill ideals and acquire ethical competence. It is in reaction to a long-felt and pressing need for value education and decision-making skills to be integrated into their personal, social, and professional lives. Days of national and international significance, such as Republic Day, Women's Day, Independence Day, Teacher's Day, and International Yoga Day, are commemorated at the college. These celebrations help pupils develop moral, ethical, and social values. Women's Grievance Cell and Grievance Redressal Cell are available at the college to give counseling to students, promote gender equity among students, and address related issues of safety and security for female students, staff, and professors. CCTV and high-level security are in place on the college campus. To provide a safe atmosphere for all students, there is a separate Boys and Girls hostels (on-campus).

Environmental Science and Engineering is prescribed by Anna University in order to raise environmental awareness and enhance the value of the environment among students. Environmental awareness is essential for the protection of the environment and the survival of human life. The primary goal of this course is to raise student awareness of the importance of ecosystems to human survival. The college has an integrated rain water harvesting System. The waste water is reused for gardening in the college campus.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	No File Uploaded

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

9

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	**No File Uploaded**
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Institutional Data in Prescribed Format	View File

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

598

File Description	Documents
Any additional information	**No File Uploaded**
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.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	**No File Uploaded**
Any additional information	**No File Uploaded**

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	Nil

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

288

File Description	Documents
Any additional information	No File Uploaded
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

289

File Description	Documents
Any additional information	No File Uploaded
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 students admitted in our college are coming from various economic sections and communities of the society. Most of the students are from backward categories i.e. ST, SC, and OBC. The

college is very much aware about their overall growth and social upliftment in the society. Our college has a fair system for admission process. The students are admitted in our institution without considering caste, creed, and gender, and religion, social and economic status. After the completion of admission process regular classes commence as per the college time table. The institution always girl students for enrolment in college in order to equip them with the higher education so that they can become empowered at themselves to face the future competition and to create their own entity. After admissions college adopts a process to identify slow and advance learners among students. Advanced learners and slow learners are identified on as per their responses in the class room as well as the performance in the Unit test, internal examinations, interaction in classes,university grades . After knowing slow an advanced learner, the teachers prepare separate list of slow and advance learners and conduct extra lectures for weaker students. The teachers observe that whether the student easily understands the lesson. If they fail to understand the topic or teaching of a teacher, the same was having been explained again in a easy way. The connotation of academically slow learner (Weak Students) means those who could not keep pace with the classroom teaching needs extra attention so as to bring such students at par with the rest of the students of the class. Advanced earners are encouraged to ask their concern freely and frequently with the teachers, in a formal way. Students are encouraged to refer advanced textbooks, journals and for their advanced studies. Home assignment and projects are taken prepared from the Students. They are also encouraged to apply for different competitive examinations. They are motivated to participate in seminar presentation, Poster presentation, quiz competition, ates,Smart India hackathon etc.

Following activities are done by teachers for students: Slow learners

1. Individual counseling. 2. Remedial Coaching 3. Extra notes. 4. Group discussion session. 5. Internal examination process. 6. Encouragement in NSS, Sports and academic ctivities. 7. Extra library books. Advance learners: Bright students are encouraged to take part in symposiums, seminars, workshops to enhance their skills and gather knowledge 1. Advance notes 2. Seminar sessions 3. Participative learning sessions i.e. Technothirst 4. Experimental learning sessions i.e. Industrial Tour 5. Projects . 6.Assessments 7. Group discussion sessions 8. Internet facility. Guiding the students for Competitive Examinations 9.to help slow learners to improve their learning activities

9. Advance questions papers 10. To enhance their confidence level, Project proposals with AICTE, Smart India Hackathan, ISTE Competitions ,the college conducts various activities such as Cultural, NSS, and Sports to develop their overall personality. The institution is keen on monitoring the performance of the students.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

Number of Students	Number of Teachers
1319	**119**

File Description	Documents
Any additional information	**No File Uploaded**

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. At our Institute, all efforts are being taken to groom them as social engineers.

Following major points high lights the same:

Tutorials are conducted which include proactive teaching learning methods. Multimedia teaching aids like animated videos, demo videos,P PT's are corporated in the day-to-day teaching process enhance the students understanding of the subject. Guest lectures by experts from the industry and add-on courses are organized by the respective departments, to cover content beyond syllabus. Language laboratory has been established for students to improve their English proficiency. Soft skills training slots are incorporated in the weekly timetable, where experts, guided the students regarding presentation and communication skills. Inter-collegiate events are organized to bring out the potential of the students. Industrial visits and technical courses are arranged throughout the year to give hands-on experience to students. Wi-Fi facility is available in

the campus to allow students to access technical resources. Being a responsible technocrat, our college motivates students to be a part of social activities through NSS, NCC and students also participate with equal enthusiasm in cultural/technical events and sports activities which help them to develop their overall skills The college central library is well equipped with technical magazines, journals and NPTEL lecture videos. Subject wise Quiz is taken during the academic period. Certificate course training over NPTEL/ MOOC's/ Swayam etc is also practiced. Laboratories with Internet Connection permit the students to widen their knowledge and skills. Faculty members apply teaching methods such as group discussions, seminars/ student presentation for better understanding of concepts/ technologies. The project reference can be availed through internet with online journals.Digital library facility is available .The institution is the member of NDL.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

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

sl.no

ICT Tools and resources

1

Desktop and laptops

2

Projector

3

Printer

4

Photocopier

5

Scanners

6

Microphones

7

interactive white board

8

DVDs and CDs

9

Pen Drive

sl.no

E-resources and techniques

1

e-journals

2

E-Books

3

E-Thesis and dissertation

4

CD-ROMs

5

Databases

It is taken care that quality of Teaching-Learning process in the classroom is ensured.

The following measures are adopted:

- Standardized Course plans are followed for both theory and practicals verified by HoDs.

- LCD's are used in classrooms and seminar halls for teaching-learning.

- NPTEL and other web sources available in the Internet are used in teaching process.

- Online availability of various journals in the intranet. Project-based learning is adopted for final and pre-final years.

Due to pandemic situation the teaching mode is changed to online. The following measures are adopted.

For taking classes using Online, the faculty members are using the IT enabled learning tools such as PPT, Video clippings, Audio system, online sources, to expose the students for advanced knowledge and practical learning. Google meet is the online platform which is used to conduct online classes and take online attendance at any time. Google classroom is used to manage and post course related information such as lecture materials, assignments and internal assessment exams. PowerPoint presentations are enabled with animations and simulations to improve the effectiveness of the teaching- learning process. Online drawing tools like concept maps, mind maps, are used to perform student centric activities. Lab manuals are mailed to students well in advance the experiment is performed. To teach mathematical subjects in online mode, teachers have used various online tools like- whiteboard in Microsoft teams, Jamboard in Google meet, etc. There are many benefits for using ICT to teach literacy.ICT allows the teacher to produce and modify resources quickly and easily. It allows access to a wide range of information in various formats, and interactive whiteboards (IWBs)

have become essential tools in the classroom. It also helps teachersto design their lesson plansin an effective, creative and interesting approach that would result in students' active learning.

File Description	Documents
Upload any additional information	**No File Uploaded**
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	**No File Uploaded**

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

38

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	**No File Uploaded**
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	**No File Uploaded**

2.4 - Teacher Profile and Quality

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

119

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	**No File Uploaded**

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

45	

File Description	Documents
Any additional information	No File Uploaded
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

1135 yrs

File Description	Documents
Any additional information	No File Uploaded
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.

The Institute is accountable to the stakeholders - students, faculty, alumni and the society. The evaluation processes are brought to the notice (transparent) of the students and faculty through the followings:

1. On the orientation day, the first year students are made aware of the evaluation processes.

2. At the commencement of the term students are notified about the criteria for evaluation of term work.

3. The university allots 80% marks for the end semester exams and 20% internal marks. The internal marks are based on the class test marks and CIA examination. Unit test marks and % of attendance are communicated through SMS to the parents.(applicable for 2017 R)

4. The students are made aware of the evaluation procedures including revaluation and challenge valuation, examination pattern of college and the university, well in advance through circulars.

5. During Parent-teachers meeting, parents are made aware of accessing the student's marks.

6. University has created web portal for entry of internal marks for odd and even semester to be viewed by the students with their user name and password.

7. The University has created systems through which students can opt for Photocopy of the answer script and also apply for revaluation.

8. The University has introduced computerized evaluation for all the semester of engineering for mark system

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

An integral part of Teaching-Learning Process is the continuous assessment of student's performance in examinations. In this regard, several reforms have been made in the Institutional level across all departments. Question papers for CIA tests are set as per Bloom's Taxonomy. Each question is accompanied with the corresponding course outcome, bloom's taxonomy level and program level indicator. Two sets of question papers are acquired from staff members for each subject prior to CIA tests. CO - Marks distribution tabular column is sealed in all answer scripts so that CO-wise mark score can be known which would help in the computation of CO-PO attainment. After the completion of CIA tests, inorder to improve the marks of slow learners, Improvement tests are conducted as per schedule and this component of marks is included in calculation. As part of result analysis, each department will submit a performance report that would give the pass percentage in all subjects from II year to Final Year. It would also contain the department overall pass percentage. This is an indicator of the expected pass % in university examinations. It facilitates introspection of performance which would be helpful in taking remedial measures. Remedial classes are conducted for identified slow learners. Coaching classes are

conducted for First year students prior to CIA tests. Every semester, a detailed result analysis is carried out with university examination results. Documents such as: Abstract of department result percentage, Subject wise pass percentage, Ranklist , Arrear list(both current and overall), Subjects with below 75 pass percentage and other relevant documents are prepared which enable analysis of secured results and thereby provide insights using which strategies for performance improvement in forthcoming semesters can be planned.

A grievance committee consisting of Principal, Head-of-Department, subject teachers and mentor is formed. The above committee verifies the nature of grievances. The type of grievance are as follows Less marks Paper not assessed properly Out of syllabus paper Poor quality of assessment Casual/careless attitude of checking All these points are checked before calling the student. Attitude of the committee The students are treated as our best customers Utmost care is taken to see the student is comfortable with the committee. He/she is allowed to express freely. Absolute transparency in discussion. Mechanism to deal with examination related grievances-

The internal assessment system of the students is transparent. 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. Practical and oral examinations conducted by the University are evaluated by internal and external examiners appointed by University. The Institute has given the responsibility to exam incharge who takes care of University evaluation grievances. Exam incharge forwards the grievances to the University. The students can apply for verification, revaluation and for photocopy of answer book. The University examiners re-verify, reassess the answer books and the revised marks if any, are sent to the Institute which are displayed on the Institute notice board.

College level Grievance redressal mechanism:

1.Systems are put in place for the students to approach the subject teachers in case of clarifications.

2.The entire examination proceedings are overseen by the College Examination Cell which also takes up the responsibility of redressing the grievances if any.

3.Students can also approach to the Head of Department, Dean(Academics) & Principal in case of desired requirement.

Analysis

1.Faculty Evaluation by students

2. Faculty Evaluation by Dean Academics

3. Appraisal by management

4.University Question Feedback maintained in Exam Cell – Analysis given by concern subject handled staff members.

University level Grievance redressal mechanism:

1. University follows a well laid out process and procedure for evaluation

2.A host of reforms have been implemented by the University to iron out the hardships for the students.

3.Facility has been provided to the students to apply for photocopies of the answer scripts.

4. Opportunity is provided to the students to going for challenge evaluation in case of discrepancies in the evaluation process with in one month.

5.Out of syllabus , mismatched valued and any type of error questions are entered in university web portal

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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.

http://www.avccengg.net/departments/ppcivil.php

http://www.avccengg.net/departments/ppmca.php

- 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 department staff members disseminate the course outcome in the form of oral presentations in the first class of every semester, representations in Lesson plans and also during the elective selection process. The faculty members are also insisting the students to explain the objectives that are already met and yet to meet. The course outcome includes specific knowledge, applications, areas of development, allied areas to think, etc., which the institution expect the students to learn in their course duration. The Pos designed by Washinton 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

On Successful completion of the course, the Students are able to

Course Outcome - CS8451 – Design and Analysis of Algorithm [2019-20] 4Th Semester

CS8451- DAA

C213.1

Design algorithm for various recursive and non-recursive problems.

C213.2

Apply the design techniques of Brute force and Divide and conquer

C213.3

Design algorithms using Dynamic programming and Greedy technique

C213.4

Apply the design techniques of iterative improvement.

C213.5

Interpret Class P, Class NP and NP Complete Problems.

C213.6

Design algorithms using Backtracking and Branch and Bound techniques.

Table 1. Course Outcome

PO

PSO

SUB CODE

NBA CODE

1

2

3

4

5

6

7

8

9

10

11

12

1

2

3

CS8451- DAA

C213.1

3.00

2.00

2.00

2.00

1.00

2.00

C213.2

3

2

2

2

1

1

C213.3

3

2

2

2

1

2

C213.4

3

2

2

2

1

2

C213.5

2

2

2

1

1

2

C213.6

2

2

2

2

1

2

C213

2.67

2.00

2.00

1.83

1.00

1.83

Table 2 CO-PO mapping

The faculty members and students are made aware of the course
objective and course outcome which is indicated in the curriculum
framed by the Anna University Website as well as in the Institution
website. The PEOs, POs, PSO and COs are frequently discussed in the
class room sessions, class committee meetings and also in Faculty
advisor meeting. Senior faculty members are conducting
seminar/meetings frequently in order to train faculty members to
achieve the learning outcomes, POs. PSOs and COs. At the end of each
Assessment, an analysis is made in the class and also in the class
committee meeting to meet out the learning outcomes. During the
interaction with the students in the class committee meeting, the
course objectives and outcomes are emphasized by the chairperson of
the meeting.

The COs are displayed on

- **Course Plan**

- **College website in Syllabus page**

- **Class work Notes**

- **Practical record**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	**Nil**
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 learning each course. Course outcomes are oriented towards achieving the respective program outcomes.

i) Two CIA tests and one model exam is conducted per semester for 100 marks. As per University norms, 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 with 15 marks. Each question is mapped to some prescribed COs. A table is made in the answer sheet indicating the marks scored by each student of the class against each question and also against each CO addressed by the test.

ii) Two or three assignments are given combining 2 units in each semester for 10 marks each addressing different COs. Theassignments may include short or long answer questions.

iii) Two classtests are conducted for 20 marks containing 2 questions with 2 marks and one question with 16 marks.

iv) The end semester examination for 80 marks is conducted by the university. Attainment is considered as uniform for all COs of the

course.

v) 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.

vi) The CO level in Internal assessments and the CO level in UE are combined as 0.20*CIE Level + 0.80* UE Level.

vii) The set target levels of COs are compared, and targets are set for next academic year.

viii) The average value of the CO levels of each course are then used for mapping the PO attainments, using the array of target PO values for the course.

ix) The assessment system followed by the University in four different levels are shown in Table.2.1. The internal assessment tests are uploaded in the University web portals before the due dates.

Table:.2.1 Assessment system adopted by the University

Assessment

Marks

Web Portal Entry

IE

Weightage

UE

Weightage

Total

Attendance

-

University Portal Entry - 1

-

-

-

Assessment I

100

University Portal Entry - 2

20

-

20

Assessment II

100

University Portal Entry - 3

Assessment III

100

University Portal Entry - 4

UE

100

-

-

80

80

Total Marks

100

The attainment of each course is evaluated using the excel template and the marks attained under each CO is posted and the overall attainment of each CO is evaluated as shown in Figure 1

Figure 1 Analysis of Continuous Internal Tests, Class Tests and Assignments for Theory Courses (Regulations 2017)

Figure 2 Analysis of Continuous Internal Tests, Class Tests and Assignments for Theory Courses (Regulations 2013)

The chart showing the attainment of CO in internal tests under 3 degree scale for the expected level 2 is shown in Figure 2

Figure 3 Sample Chart for CO Target Vs Attained Level in CIA tests

The marks atained by students in UE is compared with the target fixed for every academic year and is evaluated and posted the same value for all the COs. The attainment in UE is shown in Figure 3

Overall Attainment Calculation based on Direct and Indirect methods

COURSE CODE / TITLE

CS 6503 / Theory of Computation

NBA Code

C504

SEMESTER / YEAR

V / III Year

Academic year

2018-19

COORDINATOR

Mrs. K. Krishnakumari

Credits

3

Level 1 (55-64%), Level 2 (65-74%) and Level 3 (above 75%)

CO ATTAINMENT

COs

Internal (CO - INT)

University (UE) (CO - UNIV)

Direct Attainment

Indirect attainment

Overall Attainment

Attainment Level

(INT)

(UNIV)

(DA = 0.2INT + 0.8UNIV)

(IDA) (Course End survey)

(OA = 0.8DA + 0.2 IDA)

C504.1

100.00

61.90

69.52

94.64

74.55

3

C504.2

93.00

61.90

68.12

89.29

72.36

2

C504.3

88.00

61.90

67.12

96.43

72.98

2

C504.4

86.00

61.90

66.72

92.86

71.95

2

C504.5

69.00

61.90

63.32

91.07

68.87

2

Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) are calculated in two ways as,

(i) Direct attainment: The direct attainment is measured based on the performance of the students in the internal assessments conducted by the Institute and externalassessments conducted by the University (IA and UE).

(ii) Indirect attainment: The indirect attainment is measured based on various surveys such as Alumni survey, Graduate Exit survey and Employer survey.

The process flow involved in measuring the attainment of POs and PSOs is shown in below Figure 4.

Figure Attainment of PO/PSO

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	**Nil**

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

461

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	**No File Uploaded**
Paste link for the annual report	**Nil**

2.7 - Student Satisfaction Survey

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

http://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)

Rs.4,00,000/-

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	**No File Uploaded**
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

1

File Description	Documents
Any additional information	**No File Uploaded**
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

2

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	**No File Uploaded**
Paste link to funding agency website	**Nil**

3.2 - Innovation Ecosystem

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

Our Institution provides healthy atmosphere, infrastructure, resources, confidence for enhancement of the capacity and

competencies of students and teachers in research and innovative activities. All innovative and extension activities are student centric. These activities helps students to understand the various problems faced by the society. It enables them to find out solutions on them.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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

8 Programmes

File Description	Documents
Report of the event	**No File Uploaded**
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	<u>View File</u>

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

2

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<u>View File</u>
Any additional information	**No File Uploaded**

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

48

File Description	Documents
Any additional information	**No File Uploaded**
List of research papers by title, author, department, name and year of publication (Data Template)	<u>View File</u>

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

2

File Description	Documents
Any additional information	**No File Uploaded**
List books and chapters edited volumes/ books published (Data Template)	<u>View File</u>

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

The college organizes a number of extension activities to promote institute-neighborhood communityto sensitize the students towards community needs.The students of our college actively participate in

social service activities leading to their overall development. The college runs effectively National Service Scheme and National Cadet Corps . Through these units,the college undertakes various extension activities in the neighbourhood community.

NSS organizes a seven day camp in near by adopted village and several activities were carried out by NSS volunteers addressing social issues which include cleanliness ,tree plantation ,water conservation , Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, Health check up camp, Veterinary guidance All these mentioned activities have positive impact on the students and it developed student community relationship, leadership skill and self confidence of students. It also helped in cultivating hidden personality of students and created awareness among students.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

2

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

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

10

File Description	Documents
Reports of the event organized	**No File Uploaded**
Any additional information	**No File Uploaded**
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

914

File Description	Documents
Report of the event	**No File Uploaded**
Any additional information	**No File Uploaded**
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

112

File Description	Documents
e-copies of related Document	**No File Uploaded**
Any additional information	**No File Uploaded**
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	**No File Uploaded**
Any additional information	**No File Uploaded**
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 institution has policies to create infrastructure as per the standards and norms of AICTE / Anna University. The policy followed is: To construct class rooms and laboratories as per prescribed floor area and provide LCD wherever necessary. To establish labs with equipments as per syllabus. To provide sufficient number of seminar rooms with LCD. To provide well ventilated and furnished library. To provide browsing centre for students beyond working hours. The institution has a sprawling campus spread over 30.09 acres with modern buildings, technology enabled class rooms, well-stocked library, seminar halls, drawing halls, well equipped laboratories, Workshops, Staff Rooms, Administrative block etc. The Institution has sufficient number of well-furnished, well ventilated, spacious 43 classrooms with 35 LCD projector facility and 14 tutorial halls for conducting theory classes with an area more than the required norms. Totally 59 laboratories are well equipped and well maintained for both syllabus oriented practical and research oriented activities. Facilities provided for beyond the syllabus also. The institution has several air-conditioned computer laboratories and a seminar hall with a seating capacity of 300. Six additional seminar halls of 120 seating capacities each equipped with LCD projector and audio systems are also available. Each

department has tutorial classrooms to conduct tutorial classes for the problem oriented subjects to improve the performance of slow learners. The Institution has an exclusive language lab equipped with audio, video facility which helps students to develop their communication skills. The institution policy is to provide the entire infrastructure required for the students in terms of library resources, software and 50 mbps Wi-fi facility. The library is equipped with software for issue and return of books, DELNET is made available for both staff and students. For self learning, latest books, journals, magazines, e-journals available in central library. Apart from the central library, each department has a separate departmental library with reference and text books. Totally 681 computers on the campus are connected to internet through LAN. Internet and Intranet facilities are available for free to both students and faculties. This can be used for any academic as well as research work. Every department conducts seminars, workshops and technical contests in areas concerning their programmes to strengthen the theoretical and practical knowledge of the students. The institution also provides opportunities for developing technical skills, updating knowledge, personality development and service to the society through the professional societies and associations. The Institution provides funds and facilitates to conduct these activities for the benefit of our students. The training and placement cell of the college arranges soft skill and communication skill development courses to the students every year fortheir career development and also arrange the campus pool drive with the MNCs and well esteemed concern for student's employability. A well equipped big Medical center is available in the campus with a Doctor on regular visit. College has its own Ambulance. To accommodate the students coming from distant places, the college has one boys and two girls' hostels. Transportation facilities are also provided to students and staff using 20 buses. Indian Bank and Union bank ATM facilities are also available in the campus. Other facilities include clean drinking water with 3 RO systems, canteen, store, girls and boys rest room, women's rest room, telephone, sports room and Gymnasium are available in campus. Institue ensures 24 x 7 security with 18 security personnel and CCTV cameras.

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

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor),

gymnasium, yoga centre etc.

Facilities for Sports Activities AVC College of Engineering has 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. The Department of Physical Education of A. V. C. College of Engineering is headed by Physical Education Director and is assisted by Marker. The Sports facilities are available on campus to promote students interest in sports activities. Our College has a playground of 2 acres with 400m international standard track with a gallery .The ground has many sports facilities like Basketball, Ball Badminton, Cricket, Football, Handball, Kabaddi, Volleyball and Athletic track. 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. Specialized coaches are appointed to train the students participating in various zonal, all India and Inter-university level tournaments. An International Standard multipurpose indoor stadium is under construction. 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 department has the staff and students coordinator to assist and organize the various competitions. Inter house tournaments are conducted in the following sports and games. Volleyball (Men &Women), Cricket (Men), Basketball (Men &Women), Table Tennis (Men &Women), Chess (Men &Women), Badminton (Men &Women), Ball Badminton (Men &Women) and Athletics (Men &Women). In the annual sports day function, the price winners were honored with medals and cups. The department also encourages the students to take part in the Anna University Zonal and Inter ZonalTournament. The department is quite active in organizing Anna University Zonal games Tournaments every year. The Management of A. V. C. College of Engineering defrays the cost of T.A and D.A of those students who have participated in the Anna University Zonal and Inter Zonal and other inter collgiate tournaments. The management is highly interested in encouraging and honoring outstanding sportspersons every year by cash award. Facilities and promotion of Cultural Activities The College gives equal importance to sports as well as cultural activities. Students participate in various inter and intra college cultural. Extracurricular activities are conducted through various societies. Well equipped separate auditorium (PEKAK HALL) with all facilities like fine stage, Speakers, Micro phones, Projectors, musical instruments etc are utilized for the cultural activities. Students

are given separate rooms for their cultural practices. Separate Cultural committee with a staff as Cultural coordinator and staff members from each department as team members are working for the benefits of the students. Regular meetings will be conducted and the opportunities will be spread out for enhancing the cultural thirst of the students providing the path in various fields.The college also conduct intra college cultural competitions which include dance (Classical, Western, Folk), rangoli competitions, oratorial competition, essay writing, painting. Merit Certificates will be distributed on the college day. The college ensures Fine Arts Club association with regular celebrations of culturals during Independence Day, Republic day, Womens day celebrations, Pongal festival etc. The students have won various prizes and medals in various competitions. Our college students are participating in various TV shows, AIR programmes and expand their opportunities.

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

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

78

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

79.53

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	**No File Uploaded**
Upload Details of budget allocation, excluding salary during the year (Data Template	**No File Uploaded**

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 our Library. These functions usually include circulation, acquisition and cataloguing etc. Library functions such as Acquisition, Cataloging, Circulation, Serials control are automated using the software "AUTOLIB"5.1. This software is fully integrated with multi user facility .Computers in the library are 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 practised. All Students and Faculty can access all electronic journals and e-books from any system in the campus. For public access in Library our Library has 20 systems and two printers with reprographic and scanning facility. The College is having membership of IEEE, ASME, DELNET, Ndigital, DELNET – ProQuest. Our Library is secured with Fire & Smoke Detectors and CCTV surveillance. Pest control treatment is also given quarterly once every year.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional Information	**Nil**

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	**B. Any 3 of the above**

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	**No File Uploaded**

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)

3.65

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

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

25

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students	**No File Uploaded**

4.3 - IT Infrastructure

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

The college is having its own system maintenance wing for 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. At present we are having 50 MBPS internet connectivity with wi-fi connections, 510 systems, 54 Printers, 7 scanners, 28 UPS and 35 LCD projectors. Every department has dedicated computer lab. In addition to these labs, common computing centre with 60 higher configuration machines are available. All the systems available in the college are connected and are provided with Internet facility via LAN with 1 GBPS speed. In past five years 258 new computers were purchased apart from other computer pheripharals and application softwares for a total cost of 112 lakhs

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Number of Computers

510

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	No File Uploaded

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

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	No File Uploaded

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)

79.53

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	No File Uploaded

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.

Purchase: Every year, funds are allocated towards the purchase of materials and equipments based on the Annual Budget prepared and approved by the BOM Meeting 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 Secretary for approval. If the estimated cost is below 20,000/-, It will by approved by the Secretary. If the estimated cost exceeds 20,000/-, It will be placed in the BOM Meeting for approval. Based on the requirements and specifications of materials, atleast 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 BOM Meeting for supplying the materials without compromising the quality. After obtaining the approval from the BOM, 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 equipments, 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 Project 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. All the House Keeping works are carried out by the House Keeping wing. By following the above said procedure for the purchase of equipments and materials, the maintenance work will be carried out by the above said maintenance departments effectively. Separate

office infrastructure for processing all the requirements raised by the academic and supportive departments is available. The Principal, Directorand Dean (Academics) are ensuring the effective utilisation of physical, academic and support facility.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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

706

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<u>View File</u>

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

3

File Description	Documents
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<u>View File</u>

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	**Nil**
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	<u>View File</u>

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

121

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

121

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<u>View File</u>

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

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

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	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

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

121

File Description	Documents
Self-attested list of students placed	**No File Uploaded**
Upload any additional information	**No File Uploaded**
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

4

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

0

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)	View File

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.

23

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at univer sity/state/national/international level (During the year) (Data Template)	[View File](#)

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)

Response:

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.

The following Technical Associations/Chapters are functioning in our college to cater to the development of students' technical skills. These associations /chapter are guided by faculty advisors and students are willingly joining as members. The student representatives are managing the various activities of these in different capacities which expose them to various leadership roles.

1.Computer Society of India (CSI)

2.Institution of Electrical and Electronics Engineering (IEEE)

3.Indian Institute of Production Engineers (IIPE)

4.Energy and Fuel users Association of India (ENFUSE)

5.Institution of Electronics and Telecommunication Engineering (IETE)

6.Institution of Engineers India (IEI)

7.Indian Society of Technical Education (ISTE – Student Chapter)

The following venues are available for the students to enhance their Extra Curricular Activities and expose them to Extension activities in the neighbourhood community and sensitising students to social issues and leads to their holistic development. The students are taking leadership roles in arranging all the programmes under these forums.

1.National Service Scheme (NSS)

2.Youth Red Cross (YRC)

3.Red Ribbon Club (RRC)

4.Rotract Club (RC)

5.Fine Arts Club(FAC)

6.National Sport Organization (NSO) -Sports Committee

7.Yoga Club(YC)

To ensure quality assurance in various processes of the institution, the following Quality Monitoring Bodies/Cells are functioning in the college. All these cells are having student representatives. The students' views and their requirements are given due importance to ensure quality in delivery of all the processes.

1.Internal Quality Assurance Cell (IQAC)

2.Industry Institute Partnership Cell (IIP Cell)

3.Research and Development Cell (R&D)

4.Training and Placement Cell (T&P)

5.Quality Improvement Cell (QIC)

6.Anti Ragging Committee (ARC)

7.Grievances and Redressal Cell (G&R)

8.Women Development Cell (WDC)

9.Entrepreneurship Development Cell (EDC)

10.Class Committee (CC)

11.Library Committee (LC)

12.Department News Letter Committee (NLC)

13.Alumni Association (AA)

14.Hostel Committees

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

12

File Description	Documents
Report of the event	**No File Uploaded**
Upload any additional information	**No File Uploaded**
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)	<u>View File</u>

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

Response:

Our Alumni Association contributes in the form of Alumni Guest Lectures and Invited Talk conducted by the departments for our students, Alumni Interaction with juniors for their placement, higher studies etc., Value Added Training Programmes for juniors conducted by alumnus and every alumnus contributes Rs.500/- as membership fee for the Alumni Association. Alumni interact with the respective HoDs and give them information regarding current trends and practices in the industries in which they work, so that suitable improvements in the infrastructure facilities 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. Donate books to department library. Act as ambassadors of the college, resulting in increase in the admission. Interactive sessions in providing guidance regarding higher studies, competitive exams and placement for juniors.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

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.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

Effective leadership by setting values and participative decision-making process are the keys not only to achieve the vision, mission and goals of the institution but also in building the organizational culture. The formal and informal arrangements in the institution to coordinate the academic and administrative planning and implementation reflect the institution's efforts in achieving its vision.

The Principal is the Chief Executive and administrative head responsible for providing direction, leadership and for the day to day functioning of the Institute and the Director, Vice Principal and Deans are the functional head responsible for the conduct of academic programs and processes within the broad framework of its

Mission, Vision, strategic objectives and goals and the guidelines issued by the Governing Board from time to time.

Within this overall framework, faculty members have the professional operational autonomy in conducting their teaching, research, training and consultancy apart from introducing new courses of relevance. The functional heads of various areas and activities do similarly operate independently in their respective domains within the framework of clearly defined expectations reflected in the Institutional objectives.

The Principal thus delegates his administrative authority to Director, Vice-Principal and Dean for the effective discharge of multifarious activities and the Dean delegates the academic functional authority to the head of the department and other faculty members. This results in the delegation of functional and administrative authority percolating down to the faculty members creating professional autonomy through this enmeshed structure.

The department heads have both academic and functional autonomy. HoDs and Principal are given imprest amount by the management so that they can use it for any expenditure in their department/institute and is replenished once a month. As far as academic aspects are concerned, the HoDs are permitted to take routine decisions by the situations in exigencies and get it ratified by the Principal later. Also to impart the decentralization in all spheres of places the college has identified the second rung of leadership, and these leaders are given opportunities by the management to develop their skills and competencies in leadership and groom their team.

These leaders as a cohort attend leadership conclave of the parent body and undergo training and are exposed to talks by motivational leaders as well as interact with other leaders of the organization. Regarding Participative management, major decisions like AICTE, NBA, NIRF, ISO related tasks are usually taken after brainstorming and by consensus. Once a decision is taken, the implementation is done by a succession of officers/ faculty. Transparency in academic administration is achieved through well-defined roles and objectives, professional practices and processes communicated to all faculty members and students respectively. All academic programs and processes including the respective roles of faculty members and Deans are guided by the provisions of Academic Manual, Faculty guidelines and circulars issued from time to time. Modifications to the academic policies, programs and processes as deemed necessary, are carried out after due deliberations and debate at the faculty

body meetings.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Curriculum Development

Since the Institution is an affiliated under Anna University, the curriculum and syllabi of the affiliated University have been adapted.

- **In addition to the syllabus prescribed in Anna University regulations, faculty members are regularly offer lectures in content beyond the syllabus towards imparting core and technical concepts relevant to their course.**

- **As part of curriculum development, students are encouraged to perform mini projects and working models. In-house exhibitions are arranged in order to provide a platform for students to exhibit their technical knowledge.**

- **"Learning through Practice" is being insisted and implemented with the aid of hands-on workshops.**

- **Students are encouraged to utilize the open source software framework with their respective domain for solving their curricular exercises.**

- **Permitting the students for In Plant training and Industrial Visit to acquire knowledge about the industry environment.**

- **Providing Value added courses.**

- Hands on Training programmes to shape the students in current technologies.

- Encourage the students to participate in Mini Project Exhibition.

- To ensure more employment opportunities

- To develop skill based courses and placement programs.

- To create self-employment opportunities

Teaching and Learning

- Course plans are prepared for every semester by the faculty member of concern and verified by the head of the department at different stages in accordance with syllabus and scheme of examination given by University. Besides, the well standard course material prepared by the faculty members also strengthens teaching- learning process.

- The teaching and learning process is also reviewed by the head of the department and the feedback is communicated to the faculty members of concerned.

- The Class Committee is constituted for each semester as per the norms of affiliated University. It comprises a Chairman (who doesn't handle any course to the class), faculty advisors and 4 to 5 students nominees. Regular class committee meeting has been conducted to record the grievance about teaching earning process.

- Faculty members have been encouraged to attend Faculty Development Programmes, seminars and workshops for gaining strong knowledge in their field.

- Problem-oriented assignments and case studies have been offered to students as part of teachinglearning process.

- Usage of latest teaching aids which includes LCD projectors and E-Learning resources helps the students to attain the concepts clearly.

- Providing question bank which contains important questions solved University question papers, answer keys are also offered to the students.

- Organizing communication skills development programme for students to promote communication skills.

- Course materials are prepared by the faculty members for their subjects and are uploaded in the class cloud environment.

- Certificate courses, workshops, seminars on thirst areas by industry experts are regularly organized.

- NPTEL materials, which contains video lectures given by eminent professors are provided for student access in the Laboratory itself.

- Bridge courses are offered to the first year students and lateral students to understand the basics of engineering subjects. Awareness coaching programmes are offered to the students to appear for competitive exams.

- Maximizing the learning experience through online web seminar sessions like NPTEL,NI Instruments ,etc.,

- Practice of 5 minutes speech every hour to improve the communication skills.

- Interactive modules like videos and presentations.

- Awareness and training Programmes for Competitive Exams.

- Personality development programme and soft skill programs for third year and final year students.

- Providing Internet/Wi- fi access for all the students.

- Department Library Access & Digital Library facilities for all the students.

- To conduct bridge course for second year students.

- To conduct coaching classes for slow learners.

Examination and Evaluation

- Every semester two cyclic assessment tests along with one model examination is conducted.

- Evaluations are made within three days' time from the date of exam, the progress of the students is reported to their parents through Short Message Service.

- The Internal Assessment marks obtained by the students are uploaded in the Anna University web portal and the same can be accessed by the students.

- The question papers for Internal Assessment test are prepared as per the guidelines of Bloom's Taxonomy.

- In CIA and Model examination, two set of question papers are prepared by faculty members and out of which one will be issued to the students for the betterment of students' evaluation. Other set of question paper is used for students seeking retest for the CIA and model exams undergoing proper approval process.

- Special attention to the slow learners by offering intensive coaching through remedial classes.

- Daily class test are conducted during the first hour of the day. Besides two CIA tests and one model examination have been conducted for improving students learning attitude.

- Every semester daily test and two cyclic assessment tests along with one model examination is conducted.

- Evaluations are made immediately within a week from the commencement of exam and the progresses of the students are reported to their parents through Business SMS.

- The student's attendance is maintained separately by the faculty members and the department.

- Based on the students score in the CIA tests, Class test, Model Exam and attendance the internal assessment marks are calculated for each student.

- The marks are uploaded in the Anna University Web portal by three phases.

- The internal marks are published by the Anna University after the third phase entry.

- 8 grams Gold coin for University Rank holders offered by the management.

- Pay back of Tuition fee for University Ist Rank Holders.

- Faculty members have been honoured for 100% result achievement in University results.

Research and Development

- Students are encouraged to opt final year projects with research focus and guides are also allotted based on their specialization.

- Publication of project work as conferences paper is mandatory for the PG students.

- Faculty members are encouraged to apply for research funding from various funding agencies like AICTE, DST, MNRE regularly etc.,

- The faculty members pursuing their Ph.D programme are instructed to setup their experimental work in the Institution itself to promote research attitude among students.

- The management of the Institution is also offering Rs.1,00,000 for the faculty members research projects under AVCCE-RPS scheme.

- Seminars and workshops have been regularly organized to provide expert lectures.

- Faculty members are motivated to publish their research papers in reputed journals (SCI journals) and a cash incentive is also offered by the management.

- Fifteen days of on-duty leave is offered per semester to the faculty members for pursuing their research activities.

- Separate funds have been allotted in the budget every year for the purpose of procuring research equipments.

- Motivating the students and faculty members to present papers in various National and International Journals and Conferences.

- Promote the staff members to attend various Workshop, Seminars and FDP.

- Project Exhibition by the name Science Fest is conducted every year.

- To ensure the faculty to submit the RPS proposals and various funding agencies

- Faculty members are encouraged to apply for research funding from various funding agencies like AICTE, DST, MNRE regularly etc

- The management of the Institution is also offering Rs.1,00,000 for the faculty members research projects under AVCCE-RPS scheme.

- Seminars and workshops have been regularly organized to provide expert lectures.

- Faculty members are motivated to publish their research papers in reputed journals (SCI journals) and a cash incentive is also offered by the management.

- Separate funds have been allotted in the budget every year for the purpose of procuring research equipment's.

Library, ICT and Physical Infrastructure / Instrumentation

- Library has been digitalized.

- Library proficiency prize to the students towards empowering reading habit.

- Issue of Educational CD/DVD's to the needy people.

- Provision of NPTEL materials for the library user.

- Reference Book Issue on overnight basis.

- Group discussion hall with air-conditioned facility.

- Book Bank scheme for SC/ST students.

- Student feedback evaluation scheme for better service.

- OPAC (Book Search) service with ample user interfaces.

- ILL (Delnet) Service.

- E-Journals access Delnet is available.

- CCTV Camera Surveillance.

- Library Secured with Fire & Smoke Detectors.

- Pest control protection with in the reading Premises

- 300 MBPS Broadband Connection with Wi-Fi Campus.

- Internet access is available in 20 Systems in each department.

- Reprographic Facility is available in the library.

- Wi-Fi Enabled campus to access digital materials.

Human Resource Management

- Timely recruitment of teaching and non-teaching staff by the management in approved / leaves vacancies to ensure smooth functioning of the Institution.

- The performance of the faculty is assessed yearly through self-appraisal reports and appropriate recommendations are made by the Head of the Department.

- Performance of Non-teaching staff members is assessed yearly through performance appraisal system.

- Grievance and redressal cell is in active functioning, there by grievances posted by faculty, staff and student are being immediately solved and appropriate solutions are offered.

- Encompassing moral and spiritual values among the students

through ethics classes, yoga & meditation classes, foundation courses and inter-faith dialogue.

- Guest Lectures are arranged in recent technologies by best academicians and industrialists from reputed institutions and industries.

- Faculty development programmes are conducted for upgrading the knowledge of our faculty members

- Faculty members and students are encouraged to attend workshops conducted by various institutions.

- Hands on Training programmes to shape the students in current technologies.

- Providing Value added courses to improve the student's soft skills and aptitude skills special training programmes are provided.

- Students are employed in various reputed industries and MNC's through On -campus and Off -campus.

- To ensure the students to go to internships for their final year projects.

- To organize the skill based programs with the industry experts.

Industry Interaction / Collaboration

- Since the Institution is an academic partner of ICT Academy of Tamilnadu (ICTACT), it establishes a strong Industry relationship. The faculty members and students are encouraged to attend seminars, workshops and coaching for competitive examinations.

- Besides of existing MOU with BSNL, the department of Electronics and Communication Engineering has signed MOU with industry named ALPHA IMAGER PVT LIMITED, Bangalore.

- Students are also encouraged to undergo internship programmes in leading Industries to gain the Industry exposure.

- HR/ Managerial professionals from industries were invited to interaction with final year students.

- MOU with eStar Max .

- MOU signed with ALPHA IMAGER PVT LIMITED , Bangalore, AK TRONICS, Trichy, INTERLOGICX, Puducherry, VI MICROSYSTEMS PRIVATE LIMITED, Chennai, M/S. VIKASHA ELECTRONICS (Madras) PRIVATE LIMITED, Chennai and BSNL, Mayiladuthurai.

- Various Guest Lecture and Training Programmes are conducted by the Industry Experts every year.

Admission of Students

B.E/B.Tech

- 65 percentages of the seats by Government Quota (GQ) admission through Tamil Nadu Engineering admission (TNEA) by the State Government of Tamil Nadu.

- 35 percentages of the seats Management Quota (MQ) filled through Consortium of Self Financing Professional, Arts and Science Colleges of Tamil Nadu.

M.E

- Minimum 35 percentages of the seats filled under Government Quota (GQ) admission through Tamil Nadu Engineering Common Admission (TANCA) Test by the State Government of Tamil Nadu.

- 65 percentages of the seats Management Quota (MQ) filled through Common Entrance Test conducted by Consortium of Self Financing Professional, Arts and Science Colleges of Tamil Nadu.

MCA MBA

- 50 percentages of the seats by Government Quota (GQ) admission through Tamil Nadu MBA/MCA Common Entrance Test (TANCET) by the State Government of Tamil Nadu.

- 50 percentages of the seats Management Quota (MQ) filled

through Common Entrance Test, conducted by Consortium of Self Financing Professional, Arts and Science Colleges of Tamil Nadu.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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.

Board of Management:

The members of Board of Management (BOM) are selected by the Scheme Court (Principal Subordinate Court of Mayiladuthurai) as per the bylaws of A.V.C Education Committee registered under Society Registration Act in Mayiladuthurai Sub registry. The Office bearers of the Board of Management are elected by the members of BOM. The office bearers are Chairman, Secretary and Treasurer. The Principal of the institution is an Ex-offico member of the BOM.

Governing Body Council:

The Governing Body Council consists of Chairman, Member Secretary (Principal) and 10 other members. Annual budget and Annual audited statement of accounts are reviewed and recorded in the Governing Council Meeting. Appointments made as per the recommendations of Staff Selection Committee are also ratified in this Meeting. The letter received from the AICTE and Anna University regarding approval and Affiliation of UG and PG Programme are recorded in the Governing Council Meeting.

Administrative Setup:

Board of Management, Secretary of BOM (Correspondent), Principal, Director (Administration), Dean (Administration), Dean (Academics), Academic Council consists of Heads of Various Departments. They constitute the overall administrative setup of the Institute.

Recruitment:

Advertisement in the Newspaper, receipt of application from the candidate, scrutinized by the Department HoDs concerned for eligiblity, called the candidate for interview, interviewed by the staff selection committee and the selected candidate is approved in the BOM Meeting.

Grievance Redressal:

1. Students Grievance Redressal - Students can raise their grievance to the top management through mail (feedback@avccengg.net) and suggestion box. Students also raise the grievances through Class committee meetings, faculty student feedback in the Department level. Students can also record the grievances in Grievance Redressal Cell (GRC).

2. Staff Grievance Redressal: The faculty members can raise their grievance to the top management through mail (feedback@avccengg.net) and written communication through proper channel.

Service Rules:

1. The staff members themselves work honestly, efficiently and diligently.

2. The staff members should not absent from duty without prior permission of his/her superior officers.

3. The staff members shall devote whole time in the institution to discharge their duties.

4. Appointment of any staff, except on contract, shall be considered as temporary for a period of one year.

5. After one year of service, the staff shall be kept on probation for a further period of 2 years.

6. If any staff member wants to resign, he/she has to give 3 months notice or three months salary in lieu of notice.

7. The secretary shall have the right to place any staff under suspension in case of misconduct.

8. The secretary shall have the power to terminate the services of a member of the staff from the college.

9. The staff members are prohibited to use cell phones within the campus.

Promotion Policy

The faculty promotion to various cadres is implemented based on the criterions as per AICTE Career Advancement Scheme (CAS) recommendations.

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the institution webpage	**Nil**
Upload any additional information	**No File Uploaded**

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

File Description	Documents
ERP (Enterprise Resource Planning)Document	**No File Uploaded**
Screen shots of user inter faces	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

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

Welfare schemes

Teaching

Non-teaching

1. Employee Provident Fund for all employees.

2. Pension scheme with life insurance coverage.

3. Interest free loan under monthly instalment scheme to faculty members for purchasing desktop/laptops.

4. Reimbursement of medical expenses to the faculty and staff members.

1. Incentives for reputed publications done by the faculty members.

2. Group Insurance offered to a staff member for a sum of Rs.5 lakhs.

3. Registration Fee, TA DA are provided to faculty members for participation in paper presentation / seminar /workshop/ FDP programmes conducted in National/International level. Also, Rs.4,000/ Rs.2,000/ cash incentives for publications in Anna University recommended Annexure – I Annexure – II journals respectively.

4. Faculty member pursuing fulltime Ph.D are encouraged with financial aids.

5. Permission to pursue part time Ph.D / PDF with On Duty.

6. To provide CL/PL encashment to our staff members on the surrendering casual leave and privilege leave.

7. Interest free Deepavali Advance is given to staff members @ Rs.5000 each or one month pay whichever is less and the same had been recovered in 10 equal instalments from their salary.

8. Pongal Bonus is paid to all the Staff members. For staff members those who are having less than 2 years' service will be paid Rs.750/, with 2 to 3 years of service will be paid Rs.1000/ and above 3 years of service will be paid Rs.1250/ .

9. Three months maternity leave with full salary and another three months without salary for women faculty.

10. Five days marriage-leave for all staff with full salary.

11. Three days leave to all staff to meet out the spiritual

ceremony of their direct blood relations demise.

1. Employee Provident Fund for all employees.

2. Pension scheme with life insurance coverage.

3. Reimbursement of medical expenses to the faculty and staff members.

4. Group Insurance offered to a staff member for a sum of Rs.5 lakhs.

1. To provide PL encashment to our staff members on the surrendering privilege leave.

2. Interest free Deepavali Advance is given to staff members @ Rs.5000 each or one month pay whichever is less and the same had been recovered in 10 equal installments from their salary.

3. Pongal Bonus is paid to all the Staff members. For staff members those who are having less than 2 years' service will be paid Rs.750/, with 2 to 3 years of service will be paid Rs.1000/ and above 3 years of service will be paid Rs.1250/.

4. Three months maternity leave with full salary and another three months without salary for women staff.

5. Five days marriage-leave for all staff with full salary.

6. Three days leave to all staff to meet out the spiritual ceremony of their direct blood relations demise.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

3

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	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

473

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	**No File Uploaded**
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

99

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	**No File Uploaded**
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

After completion of one year service an appraisal will be conducted by appraisal committee, consisting of Hon'ble Secretary, BOM Member, Principal & Dean and also Department Head concerned.

Accordingly the Faculty's member's last one year performance is reviewed through self-appraisal and student's feedback.

The Committee also reviews the student's Log book, Result performance (subject wise) and also

Special classes conducted for poor students, books published by the faculty member, FDP, workshop and seminars attended by the faculty.

Appraisal is conducted for Non-Teaching staff members for every year through self-appraisal by the concerned Department heads and principal.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

The institute has an internal auditor who audits all the accounts

yearly. The institute has mechanisms for internal and external audit. Internal audit is carried out periodically. External audit is carried out once in a year. External Auditor verifies all receipts expenses bills, payments of the Financial Year.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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)

0

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

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

Mobilisation of Funds:

1.Tuition Fees collected from the students including PMSS Course Fee amount sanctioned by the Govt. for SC/ST Students.

2.Interest amount accrued from Saving Bank Account.

3.Interest amount accrued from the Fixed Deposit of the Institution

4.Interest accrued from Caution Deposit amount collected from the students.

5.Amount donated by various donors.

6.Interest accrued from the Endowment Deposit.

7.Amount received from the disposal of e-waste, used papers and condemned articles.

8.Consultancy fees received from Mechanical Engineering and Civil departments.

9.Funds generated from Farm house - Sale of coconuts and Vegetables.

10.Miscellaneous income from Exam application processing fee

11.Amount collected through issuing of Bonafide Certificates.

The mobilised funds are effectively utilised in the following heads

1.Human Resources - Staff and Faculty Salary, incentive and their welfare measures.

2.Physical or infrastructure Resources - Buildings, Equipments , Computer and

3.Natural resources - Green cover and Landscape Management

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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 and analysis of results for improvement in areas found weak.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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:

A) 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 teaching-learning process but also to accommodate the various events like seminar/ guest lecture/ workshops/ FDP's/ Hands-on-series and many more.

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.

Student learning outcomes:

The institute monitors the performance of the students regularly. It

has specified procedure to collect and analyse data on student learning outcomes; the following points are adopted by the institute in this context:

? Regular class tests and interactions

? Continuous Internal Assessment comprising of internal tests, assignments and seminar presentations.

?Semester system of examination for all courses.

?Providing Question bank of various subjects to the students.

?Providing Lecture notes through an online portal

?Timely Redressal of students' grievances.

?At least 75% Attendance is compulsory in each semester.

?Extra classes for weak students to solve their problems.

Effective internal examination and evaluation systems: Institute maintains an effective internal examination and evaluation system.

Students' result analysis:

Institute has the provision of analysis of students' performance after the announcement of their semester results. If the result of the students, in a subject, is not found up to the mark, necessary steps are taken to find out the reasons and the concerned faculty members are counselledand motivated to work towards improvement.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

national or international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Upload details of Quality assurance initiatives of the institution (Data Template)	<u>View File</u>

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

International Women's Day on March 8th of every year. There is a dedicated Women's Empowerment Cell which organises Women's day celebration in the institution. Special guests(Women with special acheivments) were invited and honored. Girls students were inspired by their motivational speeches. Events/games were arranged for girls students and women faculty members , Women faculty members were assigned to judge various events and prizes will be distributed on the Women's day.

File Description	Documents
Annual gender sensitization action plan	**Nil**
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	**Nil**

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/	**A. 4 or All of the above**

power efficient equipment	

File Description	Documents
Geo tagged Photographs	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

1. Alternative Energy Sources like - Solar energy (10 KW solar panel 500 LPD Solar water heater), Biogas plant (10 M3), Sensor-based energy conservation and use of LED bulbs (38 amps) / power efficient equipment are utilized.

2. Waste Management like - Solid waste management, Liquid waste management, E-waste management and Waste recycling system (Backwash of 5 RO plants of 500 LPD capacities) are utilized.

3. Water Management systems like . - Rain water harvesting, Borewell /Open well recharge, Construction of tanks and bunds , Waste water recycling and Maintenance of water bodies and distribution system in the campus are prevalent.

4. Eco friendly initiatives like - Restricted entry of automobiles, Battery-powered vehicles, Pedestrian-friendly pathways, Ban on the use of Plastics, Landscaping with trees and plants, Green audit by ECO Club, Energy audit, Environment audit and Beyond the campus environmental promotion activities by NSS are taken up.

5. Awareness creation initiatives like - The Institute conducts various programmes throughout the year to create awareness among the students like "Save energy", "Save Water", "Green energy", "Sustainability initiatives" etc and also special talks on these areas by experts. This awareness creation is a prolonged activity.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	**No File Uploaded**

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy 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	A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
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	**No File Uploaded**
Policy documents and information brochures on the support to be provided	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

The Institution has celebrated the following commemorative days/events/festivals:

International Women's Day on March 8th of every year. There is a dedicated Women's Empowerment Cell which organises Women's day

celebration in the institution. Special guests(Women with special acheivements) were invited and honored. Girls students were inspired by their motivational speeches. Events/games were arranged for girls students and women faculty members , Women faculty members were assigned to judge various events and prizes will be distributed on the Women's day.

National Engineer's Day on September 15 is celebrated in the Institution in honor of Bharat Ratna Visvesvaraya.

International Yoga Day on June 21 is celebrated in the institution. On this day, special yoga sessions are planned and organised by the dedicated team in the PEKAK hall and staffs learn and practice yoga exercises. In this year 2020, despite of COVID period, Yoga webinar was arranged by the Institution and staffs took part of it and benefited.

Pongal 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 etc.,

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

Inorder 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. With respect to Professional ethics, as it incorporates the personal standards and working culture expected from professionals, there is a need to equip the students in ethical behavious. Realizing its importance, 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 develoment programmes on Professional ethics

and knowledge sharing sessions were organised in which the faculties share the insights gained to other staffs and student community. YRC With reference to the Invitation given by Dr.N.Sivakumar, M.D., Blood bank officer, Government Periyar Hospital, Mayiladuthurai. Our college YRC club was awarded with Shield and Certificate of appreciation for conducting so many Blood Donation Camps in our college for the benefits of so many needy and dying patients of Government Periyar hospital, Mayiladuthurai. On National Voluntary Blood Donation Day 2021 (07.10.2021). The Certificate of appreciation was received from our Honorable Member of Parliament, Mr.S.Ramalingam, who presided over the function and the Certificate of appreciation was received from our Honorable Member of Legislative Assembly, Mr.S.Rajkumar,who gave the special address of the function. The function was conducted by Government Periyar Hospital, Mayiladuthurai. And Rotary Club of Mayiladuthurai together at Seminar Hall of Government Periyar Hospital, Mayiladuthurai. Dr.R.Rajasekaran, MBBS.,D.Ortho., Dean of Government Periyar Hospital, Mayiladuthurai.Dr.N.Sivakumar, M.D., Chief Blood Bank officer,GovernmentPeriyar Hospital, Mayiladuthurai.Dr.V.Veerachozhan,MBBS.,Medical Officer, Government Periyar Hospital, Mayiladuthurai.Dr.R.Mahendhiran,NHRM (incharge) Mayiladuthurai District. Dr.R.Yohan,MS.,Blood Bank Officer, Government Periyar Hospital, Mayiladuthurai.Dr.NRaja,MBBS.,Deputy Director(Medical Services, TB,Nagai Dt), Rtn. R Manikandan, Chairman, Rotary Club of Mayiladuthurai. Rtn. V.Raman, District Chairman, Rotary Foundation. The above said dignitaries were on the dais. YOGA CLUB A.V.C. College of Engineering celebrated 7 th International yoga day on 21st June 2021 through Google Meet. Dr.P.S. Thiruvarul Kamala Arumugam B.S.M.S., MD (Sidhaa) Special Medical Officer, Tamil Nadu, consented to be the chief guest and demonstrated the Yoga Postures assigned by the Ministry of Ayush. Dr. M.Senthil Murugan, Director (Administration), A.V.C College of Engineering, gave the presidential address. He stated that "Yoga will not only help you to keep fit but also help you to lead better and healthy life". Earlier Mr.S.Senthilnathan Yoga Coordinator welcomed the gathering. NDLI Club Chairman cum Principal of AVC College of Engineering Dr.C.Sundar raj, NDLI Club Secretary cum Vice Principal of AVC College of Engineering Dr.S.Selvamuthukumaran, Dean (Academics),Director R&D, Heads of various Departments, faculty members (Teaching & NonTeaching) and a group of Students were participated through Google meet. The programme was org

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code 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

A. All of the above

File Description	Documents
Code of ethics policy document	No File Uploaded
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	No File Uploaded
Any other relevant information	No File Uploaded

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

International Women's Day on March 8th of every year. There is a dedicated Women's Empowerment Cell which organises Women's day celebration in the institution. Special guests(Women with special acheivements) were invited and honored. Girls students were inspired by their motivational speeches. Events/games were arranged for girls students and women faculty members , Women faculty members were assigned to judge various events and prizes will be distributed on the Women's day.

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International Yoga Day on June 21 is celebrated in the institution. On this day, special yoga sessions are planned and organised by the dedicated team in the PEKAK hall and staffs learn and practice yoga exercises. In this year 2020, despite of COVID period, Yoga webinar was arranged by the Institution and staffs took part of it and benefited.

Pongal 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 etc.,

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

1. Title of the Practice: Value Added Courses 2. Objectives of the Practice: To bridge the gap between the academic and industry need, Value Added Courses (VAC) are conducted regularly in our department. It help to make students better prepared to meet industry demands as well as develop their own interests and aptitudes. 3. The Context: In order to conduct VAC, the major challenge is time management for the staffs and students involved. Since VAC are conducted after class hours or during semester breaks it is diffucult to make students to actively participate and also the staff who are all involved in laboratory examiners, Theory invigilation and Central Valuation process. 4. The Practice: With respect to the description of this practice, VACs cultivate an urge amongst the students and position them to turn into flamboyant professional on the latest trends and rally their technical skills in advanced manner also adds further value to their resume. 5. Evidence of Success: VACs were brought in to practice and the following is benefited by students: a. Augments aptitude skills, technical knowledge, ability to think and innovate b. Exposure to recent trends in the core field, augmenting the employability of the graduates c.Study the use of

modern research tools d. Compete with the recent trends of the current competitive world and to make sure that our savvies are technically stronger e. Inculcate fundamental problem solving skills 6.Problems encountered and resources required No significant problems were encountered.

1. Title of the Practice: Managing Online Course Content and Exams through Google classroom

2. Objectives of the Practice;The objective of this practice is to utilize the Google classroom service to upload and manage the course content, assignments and assessments

3. The Context: The major challenge involved in this practice is providing timely notifications to students regarding submission of assignments and tests. Handling late submissions, proper organization of content,backing up the classrooms at end semester are some of the issues in this context.

4. The Practice;With respect to the description of this practice, the primary task is to populate the classroom with the corresponding staffs and students. In this regard, class invite link is to be shared with the students and staffs are to be invited to join the classroom. Then appropriate topics need to be created for proper categorization of course content. This is infact very crucial for the students in retrieving the content with ease.

5. Evidence of Success: The practice of using google classroom has fulfilled the needs of students during the lockdown period. It is followed in a systematic and flexible way and all the content related to our courses, such as, course materials, assignments, assessment question papers and answer scripts are properly maintained through google classrooms.

6.Problems encountered and resources required

We didn't face any major problems in using google classroom, except one or two minor issues such as prompting the students to submit their answer scripts on time. As google classroom in its current form does not support evaluation of scripts , we downloaded and integrated third party tools such as kami that enables us to evaluate the scripts by annotation of missing points and specifying marks.

Nearly all the students except a few had the devices to access the

classroom. With respect to resources required, there was no problem.

File Description	Documents
Best practices in the Institutional website	**Nil**
Any other relevant information	**Nil**

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

Performance of the Institution

Imparting Confidence in Rural Students by Improving their Communication Skills -IIT spoken Tutorial Classes Objectives of the Practice: To make all students and faculties aware about the videos designed by IIT-B professors and get all concepts clear for a particular software and achieve a certificate after gaining thorough knowledge of that subject The Context: The Spoken Tutorial project is the initiative of the 'Talk to a Teacher' activity of the National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development, Government of India. All audio video developed by IIT-Bombay for MHRD, Government of India. The Spoken Tutorial Project is about teaching and learning a particular Free and Open Source Software (FOSS) via easy Videos designed by IITB professors. The idea of designing these videos of various subjects is to spread the knowledge and to encourage self-learning in different languages like Linux-Ubuntu, C, C++, Java, Scilab, PHP, MySQL, Python. In our campus, the organiser of spoken tutorial provides induction to first year students. It is regarding the spoken tutorial site, how to download the videos, how much time it requires to get proficiency in a particular subject and when online exam for that subject will be organized and on successful completion of online exam how to download a certificate from that website.

Our college signed MoU with spoken tutorial, IIT, Bombay On 06.03.2016 and our college is recognized as a nodal resource sub center. Every year nearly 1000 students and faculty members have enrolled in the online courses through this platform The details of participants are given below.

File Description	Documents
Appropriate web in the Institutional website	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

The Institute has created an training environment in which students are trained in various soft skills with the help of experts. They are being subjected to these activities throughout the year. The Institute has continuously focused its efforts to excel in research which helps in improving the institute functioning and also the social needs around. The Institute is stepping towards getting accreditation by NBA for 5 UG courses, permanent affiliation to remaining course and to attain a 12B 2F status under UGC. It has taken sufficient initiatives to be an Autonomous college with potential for excellence. It has devised and offers short term certificate courses in specific domains by utilizing the expertise available. It has taken many initiatives in the form of training to improve the placement opportunities for the students. Also it has created an eco system for innovations including Incubation center and other initiatives for creation and transfer of knowledge. It is visible through the accolades gained through ED Cell, IIPE (Indian Institute of Production Engineers), ENFUSE (Energy and Fuel Users Association of India), CSI, ISTE, ICTACT, NHRDN, Advt Club, Labview Academy, IEI, IETE and III cell etc. The various avenues considered and developed by the institute shows the persistent efforts to excel in imparting knowledge and skills. The regular activities involve ED awareness camps, Business plan competitions, Campus/College Bazaar, Interactions with Entrepreneurs etc. The institute is part of EDII, Tamilnadu,HUB @ SASTRA Deemed University as a spokes college and promotes various avenues in Entrepreneurship. Also the institute ensures its efforts to social development by adjoining in various government schemes. The staff and the institute assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organizations. The institutes always try to develop individuals across socio economic backgrounds with the courage to dream, the drive to make a difference, the ability in themselves, the perseverance to convert their thoughts into action and to prepare a pool of next generation entrepreneurs to the economic and social development of our mother nation. The institute has been incubating and promoting startups with few success stories. In order to strengthen the efforts the institute has applied for Atal Incubation Center, under NITI Aayog with tie ups of successful

entrepreneurs from the institute. The focus field is Agirculture and allied marketing, Building Materials/Construction Technology, Electricity and Renewable Energy and Environment Sustainability, Manufacturing and Engineering. Thus the institute has planned to grow into a cynosure of technology contributing to developing industrial capabilities through positive training involvement contributing towards a wholesome development of the society.