YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	AAA COLLEGE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	Dr. M. Sekar
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04562228863
• Mobile No:	8124011542
• Registered e-mail	principal@aaacet.ac.in
• Alternate e-mail	sevugarajan@aaacet.ac.in
• Address	AAA COLLEGE OF ENGINEERING AND TECHNOLOGY
• City/Town	Kamarajar Educational Road, Amathur, Sivakasi
• State/UT	Tamilnadu
• Pin Code	626005
2.Institutional status	
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the Affiliating University	**ANNA UNIVERSITY**
• Name of the IQAC Coordinator	**Dr. S. Sevugarajan**
• Phone No.	**04562 228883**
• Alternate phone No.	**9944543385**
• Mobile	**9113233427**
• IQAC e-mail address	**iqac@aaacet.ac.in**
• Alternate e-mail address	**sevugarajan@aaacet.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	*Not Applicable*
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	*https://www.aaaenggcoll.ac.in/regulation/#Schedules*

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.15**	**2021**	**23/02/2021**	**22/02/2026**

6.Date of Establishment of IQAC	**02/06/2017**

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
-	**-**	**-**	**-**	**-**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**
• Upload latest notification of formation of IQAC	View File

9.No. of IQAC meetings held during the year	2
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been 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)

Established Texas Instruments Innovation Laboratory to impart technical skill int the field of advanced embedded systems and Digital Signal Processing for both students and faculties.

Effectively implemented Online teaching learning platform "Google Classroom" for all the courses across all departments.

Implemented alumni Survey feedback collection process from alumni students to strengthen the feedback process

Revised the Academic audit format and included new parameters to improve the quality of teaching learning process at department level.

Revised the Course plan audit structure and made it mandatory to include innovative teaching learning methods and content beyond syllabus for all the five units in the University syllabus

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
1. Establishment of Texas Instruments Innovation Lab.	1. Established Texas Instruments Innovation Laboratory.
2. Effective Implementation of online teaching learning platform during COVID-19 Pandemic	2. Implemented Online Google class platform for all the courses in all the departments.
3. Strengthening the feedback system by introducing alumni survey feedback	3. Implemented alumni survey feedback and feedback was collected from alumni students.

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	29/12/2021

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021	30/04/2020

Extended Profile

1.Programme

1.1   318

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

File Description	Documents
Data Template	[View File]

2.Student

2.1   212

Number of students during the year

File Description	Documents
Data Template	[View File]

2.2   **228**

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

File Description	Documents
Data Template	[View File]

2.3   **195**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File]

3.Academic

3.1   **74**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File]

3.2   **74**

Number of Sanctioned posts during the year

Extended Profile

1.Programme

1.1	**318**
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

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Number of students during the year	

File Description	Documents
Data Template	View File

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

File Description	Documents
Data Template	View File

2.3	**195**
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	**74**
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2 Number of Sanctioned posts during the year	**74**

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	**27**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**177.17**
4.3 Total number of computers on campus for academic purposes	**387**

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

AAACET is approved by AICTE and affiliated to Anna University. We impart quality technical education to the rural students following the curriculum and syllabus prescribed by Anna University.

Every academic year, institute academic calendar is prepared based on the Anna University schedule. The institution convenes academic council meeting in the month of June/November to discuss the gaps in curriculum and the academic activities that are planned to be conducted. Initiatives like value added courses and Add-on courses are planned in every semester to bridge the curriculum gaps. All the departments prepare their action plans based on the direction of the academic council and the department academic calendar based on the institute's academic calendar is finalized.

Subject allocation is done by the HoD based on the skill matrix and parameters like experience, performance and preference of the faculty. The faculty prepares Lesson plan, Course

Objectives/Outcomes, CO-PO mapping, study materials etc.,The faculty members are permitted to use various innovative teaching methodologies to make teaching learning process effective.

The institution provides all necessary infrastructural facilities such asICT tools, Lecture capturing systems, Language lab, Educational Software, text books, reference books, e-books, magazines and journals/e-journals etc.,

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	[https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria 1/1.1.1 Curriculum Delivery.pdf](https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_1/1.1.1_Curriculum_Delivery.pdf)

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

The academic calendar is prepared in line with the university schedule and displayed on the collegewebsite after the approval of the academic council. The opening and closing dates of the classes of each semester, list of holidays, co-curricular activities and internal assessment examination schedulesfor theory courses and model practical examination for laboratory courses are specified in the academic calendar.

The time table for theory and laboratory courses is prepared by the time table coordinators of various departments based on the subjects allocated to the faculty. Lesson plan for the allocated subjects is prepared by the faculty members based on the department academic calendar. The faculty plans the lecture topics according to the dates mentioned in the Lesson plan. The HODs monitor the day - today conduct of the theory and laboratory courses and the syllabus coverage based on the lesson plan and time table.

The institution strictly adheres to the academic calendar for conduct of continuous internal assessment examinations. Students are well informed about the time table for the conduct of internal assessment examinations. They are also informed about the schedule for entry of marks in the web portal of the Anna University.

File Description	Documents
Upload relevant supporting documents	[View File](#)
Link for Additional information	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_1/1.1.2_Adherence_Academic_Calendar.pdf

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	[View File](#)

1.2 - Academic Flexibility

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

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

5

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

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

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

15

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

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

448

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

448

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

1.3 - Curriculum Enrichment

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

The institution provides a healthy environment to all our students. The cross-cutting issues relevant to Gender, Environment and sustainability, Human Rights and Professional Ethics etc., are positively addressed in the curriculum through regular and elective courses with the support of various cells and clubs.

Gender Equality

Women Empowerment Cellof AAACET organizes events for creating awareness amongst the girl students and women faculty members

about their rights and human values of women. Women Grievances Committee in the institute conducts meeting periodically and interacts with girl students regarding problems on sexual harassment, eve teasing if any. Women Grievances Committee handles the issues confidentially.

Environment and Sustainability

Environment related courses are offered in the curriculum as regular and electivesubjects. Various programmes such as plastic awareness, clean India and tree plantations are organized by NSS unit regularly.

Human Rights&Professional Ethics

As the part of the curriculum, the institution offers Human Rights and Professional Ethics in Engineering as an elective course for the students. Committees like SC/ST committee and Anti-Ragging committee in the institute deals ragging and harassment related issues. Our institution educates and motivatesthe students and facultyto follow ethical principles in academics, research and public life.

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

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

9

File Description	Documents
Any additional information	[View File](#)
Programme / Curriculum/ Syllabus of the courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View File](#)
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	[View File](#)

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

381

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

1.4 - Feedback System

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

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.aaaenggcoll.ac.in/curriculum-feedback-analysis-action-taken-report/

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 sanctioned seats during the year

330

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

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

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

212

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The programmes and strategies adopted by our institution satisfy the needs of the students from diversified backgrounds and from different locales. After admission, the students are evaluated based on their HSC marks and performances in Internal assessment examinations. A student securing less than 60% is categorized as a slow learner, otherwise he/she is categorized as an advanced learner.

Methodologies to encourage Advanced Learners

- Advanced learners are encouraged to undergo NPTEL/Certification courses to enrich their technical knowledge.
- They are provided with foreign language training, mock interviews, soft skills training for improving their confidence level, job opportunities and career prospects abroad.
- They are motivated to undertake research projects and participate in symposia, seminars, workshops and conferences organized by reputed organizations/institutions.

Methodologies to improve the performance of slow learners

- Slow learners are encouraged and counselled for improving their performance in academics.
- Simplified study materials, coaching classes after class hours and improvement tests are conducted to improve their academic performance in internal assessment examinations.
- Tutorial classes for problematic courses are conducted to improve the problem-solving ability of the slow learners. It also promotes peer learning among the students.

File Description	Documents
Link for additional Information	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_2/2.2.1_Learninglevel_After_Test.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
660	74

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

AAACET has adopted different learning methodologies such as experiential learning, participative learning and problem solving to create interest in learning process among the students.

Experiential Learning

Industrial visits, field visits and hands-on trainings by industrial experts are arranged for the students to make them conversant with the recent technology trends followed in the industries and to prepare them as industry-ready engineers. Vocational/certification courses and value-added courses are also conducted for the students to enhance their technical skills and employment opportunities. Students are encouraged to undergo internships/in-plant trainings for obtaining industrial experience. With a variety of laboratory courses, the students get a better understanding of the theoretical concepts taught in class.

Participative Learning

Students are encouraged to learn through reciprocal teaching, participation in group discussions, seminars, role plays and NPTEL courses for a better understanding of concepts/technologies. They

are encouraged to participate in symposiums, intra/inter collegiate events, seminars, guest lectures and contests to bringing out the potential of the students.

Problem Solving Methodologies

The mini and major project courses enable the students to identify problems and use research-based knowledge to arrive at optimum solutions. In case of problem-oriented subjects, tutorial classes are conducted where students improve their problem-solving abilities.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	[https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria 2/2.3.1 studentcentricmethods.pdf](#)

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

AAACET has ICT facilitated classrooms and seminar halls. ICT facility available in the Institution includes lecture capturing systems, projectors, computers, white screen and wi-fi hotspot access points. Our Institution has computers with LAN/wi-fi facility to access the internet and smart televisions at prominent locations to display the latest information needed for the students.

Our Institution also provides intranet facility to access various knowledge resources like J-Gate, NPTEL, swayam, coursera etc. Faculty and students enroll themselves in NPTEL, swayam and coursera courses for deeper understanding of courses. They also make use of resources like J-GATE in the central library. In addition, our institution has collaborated with google to provide access to google classroom and storage facilities.

ICT facility makes the teaching learning process effective through animations, power point presentations and video lectures. Hence it creates interest in learning among the students and breaks the monotony of conventional classroom teaching by using chalk and black board. Lecture capturing systems are particularly useful for handling problematic courses as the step by step procedure for solving problems can be recorded and shared to the students. All

the faculty members of the Institution make use ICT enabled tools to improve the teaching learning process.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_2/2.3.2_ICTtools.pdf

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

37

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

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

74

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

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

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

20

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

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

2.4.3.1 - Total experience of full-time teachers

275

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

2.5 - Evaluation Process and Reforms

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

Internal assessment tests are conducted by the institute's exam cell as per the academic calendar. The time tables, seating arrangements for internal tests are informed through circulars and displayed in notice boards well in advance.

Internal squad comprising of senior faculty members ensure the smooth conduct of the examinations.

Once the examinations are conducted, the answer scripts of students are evaluated by concerned course instructor and distributed to the students. Answers to all the questions given in the examinations are discussed with students during the distribution of answer scripts. The system is made transparent by

providing the scheme of evaluation and answer key to the students so that they verify the marks awarded and understand the mistakes committed by them in the examination. Grievances in the evaluation process reportedby the students are addressed and modifications of marks are carried out, if necessary. Answer scripts are verified by the HoD to ensure that there is no discrepancy in the evaluation.

The internal test marks of the students are disseminated in the notice board to ensure transparency.

The internal assessment and end semester examination marks are communicated to the parents through post and SMS.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_2/2.5.1_internaltest_mechanism.pdf

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

Every grievance at Institution level is addressed instantly by the concerned authorities. Students express their grievances related to the internal assessment examination process to the HoD or the class committee which is convened at regular intervals. The HoD/Principal takes appropriate actions to solve the grievances of the students as early as possible.

Internal assessment question paper is checked by the concerned faculty on the day of examination and if any discrepancies are found, they are rectified and communicated to the students immediately. During internal examinations, visits to examination halls are made by the examination cell coordinator and by internal squad members to monitor the students during the examinations.

The end semester examinations are conducted according to the rules and regulations of the Anna University. The grievances if any, related to the end semester examinations are reported by the Principal to the controller of examinations of the Anna University. The grievances of the students related to the evaluation in the end semester examination are addressed by applying for revaluation. If the student is not satisfied with the revaluation results published by the Anna University, he/she can

apply for review/challenge evaluation by paying the prescribed fees.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_2/2.5.2_examgrievance_mechanism.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Course Outcomes(COs) are narrower statements that describe what students are expected to know and be able to do at the end of each course. COs are framed by the course instructors in consultation with the HoD. COs are quantitatively assessed through various innovative teaching methods and are mapped to the program outcomes (POs) and program specific outcomes (PSOs) with levels of emphasis being strongly correlated (3), moderately correlated (2) and slightly correlated (1). Therefore, attainment of the COs provides direct quantitative evidence to that POs and PSOs are attained.

The POs and PSOs are disseminated to faculty, students and other stakeholders through institute/department newsletters, magazines, institute/department events/meetings, lab manuals and course files etc., It is also displayed in the HOD's room, faculty room, department/classroom notice boards, laboratories, main corridors, auditorium/seminar halls and institute website.

The COs are disseminated to students through discussions in the classroom. COs are displayed in the classroom notice boards and are included in course file and online classrooms. COs are included in the exam question papers, so that students will be aware of the COs covered in the examinations. It also helps to asses the students and finally in the calculation of CO attainments.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_2/2.6.1_PO_PSO_CO.pdf
Upload COs for all courses (exemplars from Glossary)	[View File](#)

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

Assessment gives essential information about the learning and the extent of teaching goals met. Attainment of COs and POs indicate the successful delivery of the course content. Attainment of COs is assessed by considering 1) 20% of Internal Assessments Marks and 2) 80% of end semester university examination marks/Grades.

The internal assessment mark for the theory courses is the average of marks scored in internal tests, assignments and assessments pertaining to innovative teaching learning methods.For laboratorycourses, average mark of records and one model practical examination is considered. The internal examination marks for project work are evaluated by conducting three project reviews. Grade points are given by the Anna university in the end semester examinations based on the students' performance. Average attainment for all POs and PSOs for all the courses in a program is calculated by mapping COs with POs and PSOs.

Attainment of CO, POs and PSOs are assessed by considering:

Direct Attainment

1. Internal Assessments Mark
2. End Semester Marks/Grades

Indirect Attainment

1. Students Exit Survey
2. Alumni Survey

Final COs, POs and PSOs attainment is calculated by considering 80% of direct and 20% of indirect attainment levels.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_2/2.6.2_Attainment.pdf

2.6.3 - Pass percentage of Students during the year

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

195

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_2/2.6.3_Pass_Percentage.pdf

2.7 - Student Satisfaction Survey

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

https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_2/2.7.1_Student_Survey.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)

212000

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

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

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

212000

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.aaaenggcoll.ac.in/about-us/

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

66

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

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

24

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

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

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

25

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

3.3 - Extension Activities

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

AAACET participates in the college-neighborhood community development by conducting regular activities through its NSS unit coordinated by faculty and students. The vision of our college NSS Unit is to build the youth with the mind and spirit to serve the society and work for the social upliftment of our nation as a movement.

The NSS and UBA units of our institution conducts frequent events such as medical camp, eye check-up camp, COVID-19 prevention and vaccination camp, impact of plastics, dengue awareness, road safety, food safety, environment awareness, tree plantation, voter identity registration and election awareness program, Swachh Bharat schemes etc., Motivational programs like Future India, Know

Yourself, Vetripadigal etc. are also being conducted for the benefit of surrounding school/polytechnic/college students. The students are provided enough opportunities to spread societal awareness and serve their surroundings.

The extension activities are informed through circulars, emails and website notifications. The students cheerfully come forward and participate in the activities for the welfare of the society.

The impacts in extension activities conducted by the institute are visible through reduced usage of plastics, increased voting, increased awareness about health, cleanliness and environment. Number of local school/polytechnic/college students participating in the institute activities also have increased considerably.

File Description	Documents
Paste link for additional information	https://www.aaaenggcoll.ac.in/nss/
Upload any additional information	View File

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

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

3

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

3.3.3 - 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

3.3.3.1 - 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

13

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

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

530

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

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

82

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

14

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

ACADEMIC FACILITIES :

AAA College of Engineering and technology has several academic facilities such as 21 ventilated, spacious classrooms with green color chalk boards and LCD and Internet facility, 45 laboratories, 2 workshops, 6 seminar halls with seating capacity of 120 students, 1 auditorium with 800 students capacity, 2 drawing halls, 1 library with digital library facility and 1 board room.

TEACHING LEARNING FACILITIES :

In our institution, there are 376 desktop computers, 27 ICT facilities, 11 laptops, 26 projectors and accessories, 3 scanners, 130 CCTV cameras, 8 servers, 22printers, 2 CD writers, and 1 computer center.

ADDITIONAL INFRASTRUCTURE :

Generator with a capacity of 705 KVA and Entire campus is 24 hour networked with a band width of 50 Mbps, about 55 Wi-Fi points spread over the entire campus including hostels. Medical facilities and 10 Buses are available in the campus. NSS has been

functioning as a regular feature in our college campus, organizing blood donation camps, free eye camps, General medical camp, social awareness programs. Canteen, Reprography, SBI ATM facility, RO water, Sewage Treatment Plant, BOSCH lab, TEXAS Lab, Security guards, Separate waiting room and hostel for Girls and Boys are available in our campus.

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.

AAA College of Engineering and Technology encourages students to participate in various extra-curricular activities and provides both indoor and outdoor facilities to take care of physical well-being of students and faculties.

The institute has a total area of 16,800 sq. meters of playground which houses basketball (800 Sq.Mts), ball badminton (326.96 Sq.Mts), football (10800 Sq.Mts), cricket (14000 Sq.Mts), kho-kho (324 Sq.Mts), Kabaddi (260 Sq.Mts), handball (1388 Sq.Mts), volleyball (896 Sq. Mts). Our students have bagged good winning records at intercollegiate and Zonal levels.

For all-round development of the students, there is fully equipped gym/fitness zone containing all modern equipment. Gym has a range of equipment's like dumb bells, Steering plates, Biceps Steering plates, skipping ropes. The other equipment includes double bar, Back Hyper Extension, Fore Arm Extension, Leverage squat/calf raise machine, Bicep cart, fore Arm extension, Pull up stand, Bench press, Abs machine etc.,

The institution boasts of huge, commodious and fully air-conditioned Auditorium having a seating capacity of 800 people is available for conducting cultural events/activities and cocurricular activities. Students perform variety of cultural events during the Annual day every year.

The Yoga classes are conducted for students regularly through Physical Education classes. Yoga day is organized every year.

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.

27

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

27

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)

177.71

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

4.2 - Library as a Learning Resource

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

Library is automated using ROVAN, Integrated Library Management System(ILMS). It helps to manage the library resources and serve the students and faculty effectively.

Name of ILMS software : ROVAN

Nature of automation (fully or partially): Fully Automated

Version : 5.1 Java

Year of Automation : 2017

ROVAN ILMS has the following modules:

1. Database Management-Cataloging

This module allows to create/update/edit and maintain the following databases.

? Books, Journals, magazines, thesis, Conference Proceedings, etc.

? CDs, Video/Audio tapes,

? E-Books -Digital Content

? e-JOURNAL

2. Search (Online Public Access Catalogue)

- Simple Search: To search the database using accession number, call number, author, title, year, publisher, Keywords etc.,

- Advanced Query Builder: To search the database by specific keywords and Boolean operators in the search.

3. Circulation Management-Transaction

This module is designed for all types of counter transactions such as:

? Issue/Renewal/Return

? Overdue receipt/No-due certificate

4. Report Management

This module is designed to generate and print reports such as list of books/journals/publishers, library usage etc.,

5. System Administration

This module allows to:

? Create/remove user log-in, password and grant rights to access various

modules

? Set overdue charges

? Back-up, export and import of data

? Generate charts

File Description	Documents
Upload any additional information	View File
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	A. Any 4 or more of the above

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

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

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

3.2

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

46

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

4.3 - IT Infrastructure

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

Introduction:

Institution has various IT facilities like Computers, Wi-Fi Hot Spots, Projectors, Internet and e-Governance Software, ILMS-ROVAN and Server, as per AICTE Norms. The following is a brief account of the above.

(a) Computers:

Institution updates and upgrades the computer facilities as per the requirement and intake of the students periodically. All the computers are interconnected through wireless network using switches. The institution is equipped with a sum of 387number of computers.

(b) Internet Facility:

Wifi Connectivity in the institution was initialized only to departments and office premises. The entire campus including boy's hostel, girl's hostel, administrativeblock and placement cell were connected with the high speed Wifi facilities which sums up to a total of 55 Wifi hotspots in the institution. The Institutional Data Centre is periodically updated with DHCP, DNS, Firewall Server, Storage Server, Ubuntu Server, Communication Server, Firewall, Cisco 3800 series router and Network Video Recorder.

Bandwidth 50 Mbps is available.

(c) Projectors : 22 numberof projectors were available in the campus.

(d) Other facilities: The College imparts the trending technologies like AWS, Autodesk Fusion - 360 and Reviet for sharpening the skills of the students.

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

4.3.2 - Number of Computers

387

File Description	Documents
Upload any additional information	**No File Uploaded**
Student – computer ratio	[View File](#)

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	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

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

38.88

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

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

AAA College of Engineering and Technology has established systems and procedures for maintaining both physical and academic supporting facilities and its utilization. Internal maintenance/complaint register is maintained for various maintenance activities in the institution. The required minor maintenance/service works are carried out by the institute technicians. Major repair work, are outsourced to concerned engineering experts. Major institute maintenance/service works include, maintenance of classroom and staff table and chairs, laboratory work benches, lights, fans, , water pumps, transports, lifts, UPS, Power Generators, RO and STP Plant, campus cleanliness, toilet cleaning process and uninterrupted water supply. Well experienced IT team maintains the computers, software's, printers, photocopier, WIFI and LAN.

Utilization registers maintained for various academic and physical facilities. Institutes sports amenities and its utilization are maintained by physical director and maintenance/utilization of institute physical amenities such as transports, auditorium, seminar halls, RO and STP plants, lifts, sound systems, power generators and other infrastructure facilities are administered by administrative officer. Librarian takes care of purchase, maintenance and utilization of library resources.

```
Stock, service and utilization registers are maintained in all
laboratories and audits are conducted by stock verification
committee. First aid kits and fire extinguishers in the
laboratories are serviced regularly and well-maintained.
```

File Description	Documents
Upload any additional information	View File
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

451

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
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)	View File

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

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

372

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

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

A. All of the above

File Description	Documents
Link to institutional website	https://www.aaaenggcoll.ac.in/capability-enhancement-schemes/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

378

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

378

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

5.1.5 - The Institution has a transparent

A. All of the above

mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

115

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

7

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

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/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.

0

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 university/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)

AAA College of Engineering and Technology focuses on improving students' academic and administrative skills by involving them in various administrative and academic activities. The college allows the students to be members in administration by including student representatives in IQAC, grievances and redressal committee, academic committee and the alumni association. Student representatives are also included in the organization of placement, sports activities, women's empowerment cell, and anti-ragging committee.

The students participate as members in various cell and clubs in the college such as National Service Scheme, Rotaract club, Youth Red Cross club, Sports/Fine arts club, Eco Club, and Entrepreneurship Development Cell. Further, the students are included as membersof the college newsletter editorial board.The college also encourages students' participation in various center activities such as IIoT, MHRD's Institute Innovation Council, Texas Instruments Innovation Lab and e-Yantra robotics lab.Students actively participate in the academic activities organized by various departments through various professional chapters of the institute.

File Description	Documents
Paste link for additional information	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_5/5.3.2_students_representation.pdf
Upload any additional information	View File

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

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

0

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)	[View File](View_File)

5.4 - Alumni Engagement

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

The alumnus plays a significant role in strengthening our institution,aims at the budding engineers to be a job giver than to be a job seeker. The main objective is to enroll all alumni as members of the association and facilitate the active participation of the alumni in the appropriate activities, events, and initiatives of the Institute. The alumni meet is conducted once a year, where the alumni from different branches of the undergraduate programs share their views and give suggestions for the betterment of their junior students & institution/ department.Such meetings are mutually beneficial both for the Institution and to the alumni. This provides an opportunity for the alumni to meet their friends and act as a bridge for the faculty to share their experiences, knowledge, and insights.

The alumni visit the institution to deliver Guest lectures and seminars for the students in their areas of expertise and motivate the young minds. Successful entrepreneurs from the alumnus are invited to talk about their success stories on various occasions of the Institute. They also assist the students for placement in public/private sectors and the regular alumni association meetings pave the way for the successful placements of the students.

File Description	Documents
Paste link for additional information	https://www.aaaenggcoll.ac.in/alumni/
Upload any additional information	**No File Uploaded**

5.4.2 - Alumni contribution during the year (INR in Lakhs)	

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

- **Emerge as a Premier Institute for Quality Technical Education and Research with social responsibilities.**

MISSION

- **To offer state of the art infrastructure for under graduate, postgraduate and doctoral programs.**
- **To provide holistic learning ambience blended with professional ethics, leadership qualities and social responsibilities.**
- **To disseminate knowledge and undertake research in field of Engineering and Technology.**
- **To inculcate innovation and creativity among student community to become successful entrepreneurs.**
- **To undertake collaborative projects with academic, research centres and industries to provide cost-effective solutions.**

- **AAACET was established in the year 2013 by Panjurajan-Amaravathy Trust with a goal of imparting quality technical education to rural students. Our institution constantly endeavors excellence in technical education through sound pedagogical methods, state-of-the-art facilities and well qualified faculty to produce top-notch professionals with enduring human and ethical values. The institute is governed by the Governing Council consisting of management, Principal, faculty representative, eminent academic and industry experts. Institute has various committees consisting of internal and external stakeholders for the implementation of its strategic plans in achieving academic excellence. A well-established organizational**

structure ensures smooth flow of work and communication across all levels for the effective implementation of strategic-plans.

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

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

- **AAACET has an efficient decentralized administration functioning under the guidance of the Governing Council and by following the rules and regulations of statutory bodies. The college empowers institutional hierarchy at all levels authorizing stakeholders to participate in the decision making at their respective levels.**
- **The administration constitutes councils and committees consisting of Management, Principal, HoDs, faculties, Staffs, students, alumni's and various other stakeholders to carry out various academic, co-curricular and extracurricular activities.**
- **Feedbacks are collected from various stakeholders and necessary actions are taken as continuous improvement process.**
- **Examinations are de-centralized and conducted by Examination Cell.**
- **The Placement and Training cell functions with a Placement director/officer along with department placement coordinators.**

Preparation of Academic Calendar

- **Institute level academic calendar is prepared by the principal based on the academic schedule provided by the Anna University and discussion with HoD's, various committee Coordinators, Librarian and Physical Director. HoD's upon discussion with faculties prepares the department academic calendar based on academic calendar by including department level activities. Academic calendar includes**
    - **List of working days and holidays**
    - **Institutional level events**
    - **Examinations schedules**

- **Symposiums**
- **Industrial Visits**
- **Placement Trainings**
- **FDPs/Workshops/Seminars/Conferences**
- **IQAC audit schedules.**

File Description	Documents
Paste link for additional information	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_6/6.1.2_Various_Committees.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Effective strategic planning requires identification and implementation of strategies that will facilitate AAACET to achieve academic excellence at national level. In the preparation of the Perspective/Strategic Plans, Internal Quality Assurance Cell (IQAC) of the college has taken initiatives to obtain inputs from all the stakeholders. Stakeholders' expectations, management policies, vision, mission and quality policy of the college is also considered as a base for formulation of the perspective plan.

Establishment of Texas Instrument Innovation lab was one among the strategic plan of the institute and it was established on 1.02.2021 in association with Steps Knowledge service Pvt Ltd, to enhance the student's technical knowledge in the field of Advanced Embedded Systems, IOT and Digital Signal Processing through FDP's and Hands-on training sessions.

AAACET-Texas Instruments University program aims to bridge the gap between the industry and academia, bringing real world engineering concepts to life. Features of Texas Instrument Innovation lab are

- **TI Innovation Lab provides opportunity to faculty and students to work on Advanced Embedded Systems, IoT and Digital Signal Processing technology.**
- **TI Innovation Lab enables faculty and students to undertake research activities, showcase their innovation in terms of projects and products and to provide solutions for industrial problems.**

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_6/6.2.1_Strategicplan_2020-2021.pdf
Upload any additional information	View File

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

AAACET is governed by the directions of the Governing council which comprises of management, principal, academic and industrial experts. Governing council is responsible for laying out strategic plans and policies for the development of the Institution. Principal governs and implements the plans and policies as per the directions of the governing council and the rules and regulations of Anna university and other statutory bodies.

Institute administration constitutes of different council/committees/cells/clubs with the representation of internal and external stakeholders to carry out various activities. Academic Council plays a vital role in framing important policy decisions related to the academics. IQAC implements necessary quality measures for improving the teaching learning process and quality of the events conducted in the institute. Exam Cell schedules and conducts the internal and university end semester as per the University schedule. The Placement and Training cell functions with a Placement director and department placement coordinators. Faculty and staff recruitment & promotion policies, service rules, incentives, financial powers and the role and responsibilities at various hierarchical levels are well documented in the HR manual. The establishment of organizational structure ensures smooth flow of official communication across all levels and effective implementation of strategic plans to achieve academic excellence.

File Description	Documents
Paste link for additional information	https://www.aaaenggcoll.ac.in/wp-content/uploads/2019/12/AAACET_HR_Manual.pdf
Link to Organogram of the Institution webpage	https://www.aaaenggcoll.ac.in/wp-content/uploads/2019/12/Organogram.pdf
Upload any additional information	View File

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

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

6.3 - Faculty Empowerment Strategies

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

The College's effective Welfare Measures for the Teaching Staff

- **Medical/Maternity/Marriage leave.**
- **Causal/Compensatory/Winter/Summer(Vacation) leave to all eligible faculty.**
- **Group Insurance cover.**
- **Sponsorship for Seminars, Workshops, FDPs and Paper Presentation.**
- **Interest free loan for Ph.D Semester fee and Marriage/Emergency.**
- **On-duty for faculties pursuing Ph.D.**
- **Cash award for International/National/State awards and faculty book publication in reputed publication.**
- **5% cash award for getting research project**

Grands/Funds/Patent from government/private agencies
- 3% cash award of total grand sanctioned by the funding agencies for organizing Seminars/Workshop/FDPs and Conferences
- Rs.10,000 incentive for Engineering Ph.D., Completed.
- Rs.5,000 incentive for Science & Humanities Ph.D., Completed.
- Cadre promotion based on Ph.D.,
- Incentive for both Faculty Publication in reputed journals and getting 100% pass percentage.
- On-duty leave for the faculty to attend Ph.D Viva-Voce and act as Resource person.
- Rs.5000/- fee waiver for faculties children in the schools run by the management.
- Free hostel accommodation and Subsidized mess fee for all faculty in the hostel.
- Free Medical emergency transportation.
- 3 days paid leave is extended on faculty/staff marriage.

The College's effective Welfare Measures for the Non-Teaching Staff

- Employees Provident Fund (EPF) and Employees State Insurance (ESI).
- Free Medical emergency transportation.
- Medical/Maternity/Marriage leave.
- Causal/Compensatory/Winter/Summer(Vacation) leave
- Group Insurance cover.

File Description	Documents
Paste link for additional information	https://www.aaaenggcoll.ac.in/wp-content/uploads/2019/12/AAACET_HR_Manual.pdf
Upload any additional information	View File

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

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

25

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

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

21

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	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

45

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

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

The institution has the practice of evaluating the performance of both the faculty members and non-teaching staff by Performance Appraisal System. The performance of the faculty is evaluated based on teaching, research, participation in institution/department building activities, organizing co-curricular and extracurricular activities and student feedback. Similarly, the performance of the non-teaching staff is evaluated based on professional competence, performance and personal characteristics. The appraisal system motivates the staff members to excel and put forth the best of their efforts.

Faculty Performance Appraisal System for Teaching Staff

- The self-appraisal forms submitted by the faculty are reviewed by the respective HoD and forwarded to the Principal with their comments/recommendations.
- If the performance of the faculty is satisfactory, Principal recommends increment for the concerned faculty else, they are counselled by the HoD/Principal to show better performance in the subsequent semester.

Performance appraisal system for non-teaching staff (NTPAS)

- The self-appraisal forms submitted by the non-teaching Supporting staff are reviewed by the respective HoD/Office Manager and forwarded to the Principal with their comments/recommendations.

- **If the performance is satisfactory, they become eligible for increments else they are counselled by the Principal & office manager to improve their efficiency in discharging their duties.**

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Institution has a well-established system for Internal and external audit. The Governing Council of the Institution consisting of management representatives, industry and academic members preview financial year budget proposals submitted by the Principal. Institute prepares budget for every academic year. Principal submits the budget proposal to the management based on the various departments/Centre's/unit's budgets requests. The proposals are made on different heads such as laboratory equipment, library expenses, salary, building infrastructure and other maintenance expenses, etc., Institute's Finance Officer is responsible for purchasing, verifying and checking the commodities, bills and vouchers, passing the bills for payment, after the discussion with the Principal/Management.

The institution has both internal and external audit mechanisms. An internal auditing committee verifies the income and expenditure details of the Institution. During the course of Internal Audit, all required steps are taken to regularize the accounts and to obtain confirmations for the credit balances, compliances of T.D.S. and Statutory Formalities and Reconciliation of Unit wise balances with the Control Accounts and Bank Reconciliations. Subsequently, External Statutory Audit is conducted by a qualified Chartered Accountant, recognized by ICAI appointed by the management. Finally, external auditor prepares the income expenditure statement for the purpose of income tax.

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

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

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

78.14

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

The resources mobilization strategy and implementation plan, seeks to guide towards sustainable financing of its various programs. It reviews college funding patterns, provides guideline and proposes strategies for mobilizing resources to support the college strategic plan and the ultimate fulfillment of its vision and mission.

Different sources of funds :

At present, the major source of fund is tuition fee collected from students. Funds are received by submitting proposals for conducting workshops, seminars, FDPs, conferences and research projects to various government and non-government funding agencies. Sanctioned funds are utilized for conducting various technical events, purchase of advanced equipment and conduct research in the specific areas. Funding are also received from social welfare trusts. These funds are used for providing scholarships for the economically poor and bright students and

also for supporting students' projects and for providing incentives for students and faculty achievements.

Optimal Utilization of Resources

The Institute has a well-defined procedure to monitor the effective and efficient utilization of available resources for infrastructure development and teaching learning process. Adequate amount of funds is allocated and utilized for maintaining cleanliness and for making the campus greener. Institute also invests necessary funds for solid, liquid and e-waste management systems.

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

6.5 - Internal Quality Assurance System

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

ONLINE TEACHING PLATFORM

- **The Covid'19 pandemic has led to the introduction and successful implementation of "Google classroom" - online teaching learning platform.**
- **Lecture capturing systems were procured and virtual classrooms similar to classroom environment were created to enable seamless teaching and learning process.**
- **The lesson plan and course materials (lecture notes & e-Resources) are uploaded well in advance.**
- **Faculty use various innovative teaching methodologies and assessment methods in google classrooms to make learning interactive and collaborative.**
- **Online lectures are recorded and posted in the google classroom for later use by the students and for those who have missed the classes.**

STRENGTHENING THE FEEDBACK

1. **The institute has a structured feedback collection mechanism for collecting feedbacks from the stakeholders for effective**

implementation of OBE. Apart from various feedbacks collected from the stakeholders, Institute's IQAC recently recommended all the departments to collect the following feedbacks.

2. **Industrial visit feedback from students after every industrial visit for strengthening the Institution and Industry interactions.**

3. **Alumni survey feedback based on the program outcomes and program specific outcomes are collected from alumni students. TheAlumni Survey helpsthe College map the long-term career and educational trajectories of our former students.**

File Description	Documents
Paste link for additional information	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_6/6.5.1_IQAC_Strategies.pdf
Upload any additional information	View File

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

1. **Couse File Audit :**

- **Every teacher prepares course file before the commencement of every semester.**
- **IQAC restructure the course file in the academic year 2020-2021, the contents of course file are re-structured to improve the quality of teaching learning process.**
- **IQAC organizes regular academic audits to ensure effective implementation of teaching learning process and maintenance of course files.**
- **Audit of Students Attendance and Assessment Record for the following :**
    - **Attendance details**
    - **Syllabus Coverage & deviation details**
    - **Test schedules**
    - **Internal Test Marks, Assignment, Model exam marks**
    - **Content beyond syllabus coverage.**
    - **Coaching classes details**
    - **Class arrangement for Leave**

- **Audit of Course file for the following :**

- Course materials & question bank
- Course plan and delivery of syllabus
- CO – PO – PSO mapping
- Internal/model question papers & answer key
- Sample internal & model papers
- Corrective action taken for Slow learners
- Innovative content delivery methods
- Assignment & Tutorial Sheets.
- Course outcome / Program outcome attainment
- University question paper review report
- Comparative result analysis for all Internal/Model exam
- Internal/Model/University marks analysis report
- Activities conducted for advanced learners

2. Academic Audit

Academic Audit is carried out at the end of every academic year to ensure the quality in teaching-learning process.

Structure of Academic Audit

IQAC facilitates the audit format to the auditing team. In the academic year 2020-2021, IQAC enhanced the parameters to be audited in all departments to improve the quality in teaching-learning process. Academic audit is conducted by senior faculty members of other department or from academic experts from other institutions. Once the IQAC completes academic audit, the report is discussed with respective HoD and one week time frame is given to the respective department to ratify the observation. Upon the ratification, the report is submitted to the IQAC and gives suitable recommendations for improvement.

Documents audited are

- Institute/Department academic calendar
- Timetable & Faculty workload
- Minutes of Class committee meetings and department faculty meetings
- Lab master record & manual
- Course File
- Project file
- Quality of value added courses, certification courses & vocational Courses
- University Result Analysis

- **Mentoring system**
- **Industry visits**
- **Budget details**
- **Workshops, Seminars, FDPs, conferences organized**
- **Student internship/in-plant training details**
- **Faculty Publication & Participation details**
- **Feedback analysis**

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

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, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.aaaenggcoll.ac.in/wp-content/uploads/2022/03/ANNUAL-REPORT-2020-2021.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The policy guidelines of AAACET in admission, recruitment and administration ensures students, faculty and staff members are

treated without any gender differentiation. Equal participation of boys and girls in teaching learning process and co-curricular and extra-curricular events is ensured. Gender balance in faculty members is maintained through priorities to women in leadership positions as HoD, Placement officer, Cell Coordinators etc., Women's Day is celebrated every year and inspiring women personalities are invited. Redressal Committee and Women's Empowerment cell provide a convenient platform for students to represent any issues.

Enough number of security personnel ensures safety and security of the campus and students. Girl students who are staying in the Hostel are given special attention. Vehicles entering the campus and people are checked at all exit and entry points. Visitor register is maintained in the hostels.

Every faculty is allotted 15-20 students for effective Student personal counseling and mentoring. Our counseling system provides support to the girl students and envisages them to realize and resolve their problems.

Separate common rooms are provided for boys and girls. Rest rooms are available in every floor for the convenience of students. Well-furnished separate hostels for boys and girls are available in the campus.

File Description	Documents
Annual gender sensitization action plan	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_7/7.1.1_Annual_Gender_Sensitization_Action_Plan.pdf
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	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_7/7.1.1_Facilities_Provided_for_Women.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	B. Any 3 of the above

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

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

AAACET has a strong waste management system. The paper wastes, plastic wastes, food wastes, wastes from canteen, hostel kitchen etc., are segregated into biodegradable and non-biodegradable wastes.

Solid wastes are processed through vermicomposting process and used as manure for the plants and trees in the campus. The recyclable wastes such as examination papers are collected and periodically sent for recycling. One sided papers are re-used by the faculty/staff for documentation. Non-biodegradable waste such as metals and other scraps are comparatively less in our campus.

The RO plant installed in the campus caters the drinking water needs. Sewage watertreatment plant in the campus has a capacity to process 20,000 liters/day. The treatment Process is designed on the principle of activated sludge process with Ultra filtration. Treated waste water is used for gardening and other activities and sludge collected is used as manure for plants and trees.

Bio-medical wastes such as sanitary napkins are disposed through eco-friendly napkin incinerators. Usage of hazardous chemicals and radio-active materials are restricted inside the institute. The UPS batteries are exchanged for new batteries and old batteries are recycled. Till to date there is no e-wastes generated in the campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://www.aaaenggcoll.ac.in/NAAC/AQAR/criteria_7/7.1.3_Waste_Types.pdf
Any other relevant information	View File

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

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of Bicycles/ Battery powered vehicles** 3. **Pedestrian Friendly pathways** 4. **Ban on use of Plastic** 5. **landscaping with trees and plants**	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the	A. Any 4 or all of the above

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

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

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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

The institute is proactively taking efforts in providing an

inclusive environment. The initiatives are to promote better education, economic upliftment of the needy and setting communal harmony. Minority/SC/ST scholarships are provided for economically poor and eligible students to promote education. AAACET promotes universal values, communal harmony, and tolerance towards cultural, regional, linguistic diversities through apt forums. NSS, YRC, UBA and Rotaract club organizes various event in the neighborhood such as medical/blood donation camp, eye check-up camp, vaccination camps and various awareness programs. Motivational programs are also being conducted for the benefit of surrounding school/polytechnic/college students. These activities create an inclusive environment by bringing students and teachers with diverse background on single platform for creating inclusive environment and also helps in developing tolerance harmony towards culture, region and linguistics and also communal social economics and other diversities. The subject's on human rights and professional ethics are included in the curriculum. National and international days, anniversaries of great leaders are commemorated in the institute. To inculcate unity and diversity various religious festivals such as Deepavali, Pongal, Christmas and Ramzan are celebrated. Students and faculty expose their communal, religious and linguistic diversity in various technical and cultural events conducted by the institute.

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

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

AAACET celebrates Republic Day every year on 26thJanuary with great gratification to honor the date on which the Indian constitution came into effect. This day highlights the importance of constitution. Numerous personalities deliver their speeches on the significance of preserving constitutional rights and values. Independence Day is celebrated on the 15thof August every year to mark the importance of freedom, on this day, Flag hoisting ceremony is organized followed by recitation of the National Anthem.

AAACET organizes several programs such as election awareness,

eye/medical camps, Vaccination camps, plastic awareness, environment & pollution awareness etc., through its NSS, YRC, Rotaract club and UBA that are aimed at the promotion of various constitutional rights, duties, and responsibilities of citizens for students and all the employees of the institute.A voter's pledge programme is organized on 25th January of every year for students and all employees to create awareness about the fundamental rights and responsibilities.

Courses on human values and professional ethics are included in the curriculum to inculcate human values and responsibilities to students. Women's empowerment cell in the institute organizes various gender equity programmes for girl students and women employees to know about their constitutional rights.

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

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

To maintain harmony and healthy work atmosphere and to make the stakeholders aware of the national pride and rich cultural heritage of India, the National/International commemorative days and festivals are regularly celebrated and observed in the institute.

The institution celebrates Days of National and international importance through its NSS unit every year. The contributions of Dr. S. Radhakrishnan are recollected on Teachers Day which is celebrated on 5th September. As a tribute to the great Indian Engineer, Bharat Ratna Dr.Mokshagundam Visvesvaraya, Engineer's day is celebrated on 15th September to recognize the achievements of Engineers. Innovation Day is celebrated on 15th October to mark birth anniversary of Dr.A.P.J.Abudul Kalam. Gandhi Jeyanthi is celebrated on 2nd October to mark the birth anniversary of Gandhiji.

Independence Day and Republic Day are celebrated every year with great enthusiasm and patriotism where faculty members and students pay tribute to all freedom fighters who sacrificed their lives in order to gain the freedom for the India. Various religious festivals such as Vinayaka Chathurthi, Saraswathi pooja, Diwali, Christmas, Ramzan and Pongal etc., are celebrated in the campus every year.

International Women's Day and International Day of Yoga is celebrated on 8th March and 21st June every year.

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

7.2 - Best Practices

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

1. Title
    1. Professional Skill Development
    2. Mentor System for the students
2. Objectives
    1. Enrich student's technical and communication skills and leadership qualities.
    2. Motivate and counsel the students to excel in academics.
3. Context
    1. Designed for the students to excel in developing cost-effective solutions for real-life problems and societal needs.
    2. Mentors interact with students and parents to improve the student's learning ability.
4. Practice
    1. Professional skills are developed through various certification and value-added courses, organizing guest lectures, seminars, workshops, industrial visits and symposium.
    2. Mentors periodically conduct meetings with students and Counsel/advise them regarding their academic performance, choice of electives, project works, internships, in-plant training and their career development/professional enhancement.
5. Evidence of Success
    1. Success of professional skill development programmes is reflected in final year projects and jobs received in software/Core companies.
    2. Fast learners are placed in reputed companies with higher salary package. Slow learner sattend the classes regularly and cleared their arrear subjects.

6. **Problems encountered and resources required to implement the practice.**

No problems are encountered.

File Description	Documents
Best practices in the Institutional web site	[View File](#)
Any other relevant information	[View File](#)

7.3 - Institutional Distinctiveness

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

The Vision of our Institution is to emerge as a premier Institute through quality education. The college has state of the art infrastructure, creating a very good learning environment that motivates the students for progressive learning and development. AAACET has signed MOU's with various reputed industries/organizations and established industry based professional centers to enhance the industry institute interactions activities in the campus and in placements etc.,

E-Yantra Robotics laboratory in association with IIT Mumbai was established to create the next generation of embedded and robotic systems engineers.

AAACET established the Center for Excellence - CAR with an aim to develop effective and efficient training programs and seminars in association with Robert Bosch GmbH.

Industrial IOT (IIOT) laboratory in AAACET was established to enable students understand and design industrial devices and systems using IOT.

Texas Instruments Innovation laboratory has been established to provide training on advanced embedded systems and advanced signal processing technology for faculty and students.

AWS Cloud Computing facility has been established in the campus to enhance student's skills and knowledge in the cloud computing platform.

AAACET established a professional laboratory on Oracle Primavera, a project management system in the year 2018 in association with

Infinity PMC P.Ltd.

File Description	Documents
Appropriate web in the Institutional website	[View File](#)
Any other relevant information	[View File](#)

7.3.2 - Plan of action for the next academic year

Future plans of the institute are primarily based on inculcating quality culture in the campus. It is planned to apply for NBA accreditation for the following departments 1. Computer Science and Engineering 2. Electronics and Communication Engineering and 3. Mechanical Engineering. Institute is also in the process of obtaining ISO 21001:2018. National Instruments LABVIEW professional laboratory will be established in addition to the existing 5 professional laboratories. Additional equipment's for welding laboratory will be procured for mechanical department. To enhance the quality of research and journal publication amongst faculty and students, a research audit will be conducted periodically. Additional new magazines and journals for the central library will be subscribed.

Structural repairs to buildings and electrical repairs based on the recommendations by the institute's civil and electrical engineers will be carried out. Borewells those are not in function will be repaired/replaced. Paver-block pathways will be laid at various locations inside the campus for easy commuting. As a safety measure, open access to the terrace will be fenced. Various awareness programs and training programs for the school students will be conducted. New bus routes will be operated for students commuting from long distances.