



# YEARLY STATUS REPORT - 2023-2024

## Part A

### Data of the Institution

#### 1. Name of the Institution

ANNAPOORANA ENGINEERING COLLEGE

- Name of the Head of the institution **Dr . A . ANBU CHEZIAN**
- Designation **PRINCIPAL**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **9442000648**
- Mobile no **9362104512**
- Registered e-mail **principalaecsaalem@gmail.com**
- Alternate e-mail **principal@aec.salem.edu.in**
- Address **NH-47, SANKARI MAIN ROAD, PERIYASEERAGAPADI**
- City/Town **SALEM**
- State/UT **TAMILNADU**
- Pin Code **636308**

#### 2. Institutional status

- Affiliated /Constituent **AFFILIATED**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **ANNA UNIVERSITY**
- Name of the IQAC Coordinator **DR. S. SUBHASHINI**
- Phone No. **9360459000**
- Alternate phone No. **9360459000**
- Mobile **9360459000**
- IQAC e-mail address **subhashine81@gmail.com**
- Alternate Email address **subhashine81@gmail.com**

**3. Website address (Web link of the AQAR (Previous Academic Year))**

<https://aecsaalem.edu.in/pdf/AQAR/AQAR-2022-2023.pdf>

**4. Whether Academic Calendar prepared during the year?**

**Yes**

- if yes, whether it is uploaded in the Institutional website Web link:

[https://aecsaalem.edu.in/pdf/academic\\_calendar/academic-calender-2023-24.pdf](https://aecsaalem.edu.in/pdf/academic_calendar/academic-calender-2023-24.pdf)

**5. Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.04</b>	<b>2021</b>	<b>02/02/2021</b>	<b>01/02/2026</b>

**6. Date of Establishment of IQAC**

**07/07/2017**

**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
<b>Institution</b>	<b>IDEA HACKATHON</b>	<b>MSME</b>	<b>29.02.2024 - One Year</b>	<b>8,05,000</b>
<b>Student</b>	<b>HACKATHON-STUDENT PROJECT-Naan Mudhalvan Niral Thiruvilla</b>	<b>TN Government</b>	<b>2023-2024 - 6 Months</b>	<b>40,000</b>

**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)**

**Introduction of 3 New UG Programs namely B.Tech. Artificial Intelligence and Data Science, B.E. Bio-Medical Engineering and B.Tech. Information Technology**

**Installation of ICT Tools in all class rooms**

**Applying for NIRF 2024**

Proper conduct of all department BOS meetings, Academic Council Meetings, Governing Body Meeting, Result Passing Board Meeting, etc..

Getting of Research Grants from Funding Agencies

**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
NBA Accreditation for 3 UG Programs( Automobile, ECE and Mechanical ENGINEERING)	Pre-qualifier and SAR submitted, awaiting inspection
R&D Center recognition for the Department Mechanical Engineering	Inspection was held on 20.03.2024 through on-line mode - Results awaiting
Academic Enhancements	Integration of curriculum with IBM, Academic Alliance with Ui Path Robotic Automation, Academic Collaboration with i-Planet for Apple Authorized Training
Conduct of International Conference	3rd International Conference on Building Sustainable Future with Recent Trends in Science and Technology - 2024
Enhancement of Research Facilities	Advanced Materials Research Laboratory(Physics & Chemistry),

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

- Name of the statutory body

Name	Date of meeting(s)
IQAC MEETING	12/07/2023

**14. Whether institutional data submitted to AISHE**

## Part A

### Data of the Institution

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• Name of the Head of the institution	<b>Dr .A .ANBUCHEZIAN</b>
• Designation	<b>PRINCIPAL</b>
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<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://aecsaleem.edu.in/pdf/AOAR/AOAR-2022-2023.pdf">https://aecsaleem.edu.in/pdf/AOAR/AOAR-2022-2023.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://aecsaleem.edu.in/pdf/academic_calendar/academic-calender-2023-24.pdf">https://aecsaleem.edu.in/pdf/academic_calendar/academic-calender-2023-24.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.04	2021	02/02/2021	01/02/2026
<b>6.Date of Establishment of IQAC</b>			07/07/2017		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
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<ul style="list-style-type: none"> <li>• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>
<ul style="list-style-type: none"> <li>• If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>• If yes, mention the amount</li> </ul>	
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
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Installation of ICT Tools in all class rooms	
Applying for NIRF 2024	
Proper conduct of all department BOS meetings, Academic Council Meetings, Governing Body Meeting, Result Passing Board Meeting, etc..	
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Yes

- Name of the statutory body

Name	Date of meeting(s)
IQAC MEETING	12/07/2023

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2023-2024	18/12/2024

**15. Multidisciplinary / interdisciplinary**

Engineering students should have knowledge of subjects from other branches and some advanced subjects of their respective branch in which they are pursuing the degree. Through the BOS meetings,, all the program curriculum is embedded with AI and IOT Concepts

related courses. Adding to the above, each department curriculum includes courses from other programs also as Open Electives. Regarding the same, the institute has introduced Value added courses and Certificate courses to suite the growing industrial needs. There is also focus on language, humanities, management related course in the curriculum. Moreover, major project is added in the curriculum where in students are expected to do project in a group and work on project which may satisfy local, national, international social and industrial needs. While developing a project students use concepts and theories from multidisciplinary streams.

**16.Academic bank of credits (ABC):**

NOT APPLICABLE

**17.Skill development:**

The college has continuously offered opportunities for students to develop their skills in tandem with changing needs. Value added courses align the curriculum with relevant industries to make them job - ready by the time they graduate. Furthermore, students' skills are further augmented by frequent interactions with alumni and industry experts. This enhances their preparedness for the world outside the college. Soft skill and Technical Skill trainings are offered to the students to improve and prepare themselves for the placements. Students are motivated to participate in co curricular / extracurricular activities and events are organized on campus, to explore a number of qualities in their personality like Managerial skills/leadership skills, planning and enterprising skills, and interpersonal skills.

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

As a part of the NEP-2020 implementation, students are motivated to use SWAYAM platform for learning courses of engineering in regional languages. For better understanding of the courses, by the students from local language, the faculty members use Bilingual for Teaching purposes. The competencies like cultural awareness and expression among the students are developed by motivating them to participate in cultural activities. Through the conduct of events through Fine Arts Club of the College, the college motivates and promote students in short film making and direction, multimedia, creativity and other fine arts related areas.

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

Institute emphasises on Outcome-Based Education (OBE) which is reflected in the curriculum design, teaching & learning process and assessment of the students. Learning by doing i.e. experiential learning is adopted in the curriculum which includes mini projects, major projects, internships, Inplant Training, Project Based Learning, etc. CO's are designed in such a way that these are mapped with program outcomes, program specific outcomes and are aligned with NEP policies. Institute has practice to incorporate various innovative tools like project based learning, problem based learning, ICT tools, collaborative learning and many more in delivery and assessment.

## 20.Distance education/online education:

NOT APPLICABLE

## Extended Profile

### 1.Programme

1.1	489
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 2.Student

2.1	1470
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2	92
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.3	292
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Number of outgoing/ final year students during the year		
File Description	Documents	
Data Template	<a href="#">View File</a>	
<b>3.Academic</b>		
3.1		<b>143</b>
Number of full time teachers during the year		
File Description	Documents	
Data Template	<a href="#">View File</a>	
3.2		<b>115</b>
Number of sanctioned posts during the year		
File Description	Documents	
Data Template	<a href="#">View File</a>	
<b>4.Institution</b>		
4.1		<b>43</b>
Total number of Classrooms and Seminar halls		
4.2		<b>664.97</b>
Total expenditure excluding salary during the year (INR in lakhs)		
4.3		<b>538</b>
Total number of computers on campus for academic purposes		

## 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

The AEC is committed to achieving its goals and objectives by aligning its vision and mission, all while ensuring the delivery of high-quality education."

As an affiliated institute of Anna University Chennai, AEC operates within the framework of the Anna university, curriculum (Third and Final year) and own prescribed curriculum (First and second year). However, the institute takes great care in meticulously planning and developing action plans for the effective implementation of the curriculum. These plans are crafted with the aim of benefiting students while aligning with the institution's broader vision through quality education. Additionally, AEC has a proactive Internal Quality Assurance Cell (IQAC) that plays a key role in monitoring curriculum implementation by conducting academic audits throughout the semester

Instructional methods and pedagogical initiatives:

Faculty members are encouraged to deliver the curriculum using variety of innovative teaching methods, including ICT tools, smart boards, workshops, seminars, industrial visits, and other interactive approaches,

in addition to traditional teaching methods to assess student performance, institute conducts internal examinations (IT-1, IT-2, and IT-3). Feedback on Teaching-Learning Processes (TLP) is regularly collected from students, faculty, employers, and alumni, based on predefined parameters. If necessary, corrective actions are taken to address any areas for improvement.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://naac.aecsalem.edu.in/2024/NAAC1/1.1.1.pdf">https://naac.aecsalem.edu.in/2024/NAAC1/1.1.1.pdf</a>

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 alignment with Anna University by the institutional committee comprising the Principal, Dean, and Heads of all departments, prior to the commencement of each semester. The academic calendar is prepared with the goal of enhancing students' careers by incorporating activities such as webinars, training sessions, and other

developmental programs. The timetable is designed to support students' day-to-day activities and foster their overall growth. Once finalized, the calendar is uploaded to the college website and shared with all stakeholders via email. The academic calendar includes the number of working days, dates for cycle tests, pre-university exams, project review sessions, and holidays. Provision of CIE in academic calendar: The academic calendar also outlines the scheduled periods for internal and model exams as per Anna University guidelines. Additionally, it includes details on seminars, holidays, and the completion of subject portions. The schedule of Centralized Internal Examination (CIE) systems strictly followed as per academic calendar. The schedule of Centralized Internal Examination (CIE) is strictly adhered to, as outlined in the academic calendar. To ensure the satisfactory performance of students in the evaluation process, parents are also engaged through regular parent meetings.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC1/1.1.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC1/1.1.2.pdf</a>

**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**

**C. Any 2 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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

08

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 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)

18

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

652

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

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

**Professional Ethics:** "Knowledge with Ethics" is the Engineers' prominent way to serve people of all strategy to analyse the Beneficial's and disastrous for public. The curriculum includes a separate paper on professional ethics. The guest lectures are given to students to instil moral, social and ethical ideas.

**Human Values (Club Activities):** The Institution has formed an Anti-Ragging committee to create awareness on human rights. The committee addresses on ragging and gender criticism, which are the violations of fundamental human values and rights. As a part of course improvement, institution also conducts numerous activities like blood donation camp, human values, national values and social cohesion.

**Women Empowerment Cell (Gender Equality):** To empower women socially, economically, politically and legally with a decision making potential, Women Empowerment Cell is organised. It conducts various skill development activities, arranges expert lectures by accomplished women to share their insights on work-life balance.

**Environment and Sustainability:** Thus an environmental issues related integrated curriculum is provided to nurture proper awareness among students about Global warming etc. Our AEC NSS unit actively encourage the students to involve in tree plantations in and around college premises and yoga training for fostering social responsibility along with professional ethics.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

08

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

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

390

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

## 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	<a href="https://aecsaalem.edu.in/pdf/Stakeholder/1.4.1 (2023-2024).pdf">https://aecsaalem.edu.in/pdf/Stakeholder/1.4.1 (2023-2024).pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
URL for feedback report	<a href="https://aecsaalem.edu.in/pdf/Stakeholder/1.4.2(2023-2024).pdf">https://aecsaalem.edu.in/pdf/Stakeholder/1.4.2(2023-2024).pdf</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment Number Number of students admitted during the year

##### 2.1.1.1 - Number of students admitted during the year

440

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

#### 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

103

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

### 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

Students enrolled in various disciplines are identified as slow and advanced learners based on their +2 marks and the entry-level

test conducted by each department. The institution organizes induction programs for fresh UG students, which include objectives, benefits, and familiarization with OBE, online courses, value-added courses, industrial implant training, curriculum, co-curricular and extracurricular activities, mentoring, and campus tours. For continuous assessment, varied evaluations, including assignments, seminars, group discussions, online quizzes, and viva-voce examinations, were employed to test both quality and value.

#### Methodologies for Slow Learners

1. Individual counselling.
2. Remedial Classes
3. Short notes for easy learning.
4. Group discussion sessions.
5. Special care during the internal examination process.
6. Provision of simple and standard lecture notes and course materials.
7. Bilingual explanations and discussions after the class hours for better understanding.
8. Group study systems are also encouraged, with the help of advanced learners.

#### Methodologies for Advanced Learners:

1. Guidance is given to apply for funded projects under TNSCST.
2. Motivated to present and publish papers in conferences and peer-reviewed journals.
3. Training is given to clear competitive examinations like TNPSC, bank exams, etc.
4. Motivated to enroll in online courses like Swayam, EdX, Coursera, etc.,
5. Training is given on advanced technologies like cloud, big data, and AI through ICT Academy and Honeywell.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC2/2.2.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC2/2.2.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
1470	132

File Description	Documents
Any additional information	<a href="#">View File</a>

## 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

### Experimental Learning:

The faculty members are motivated to handle their regular classes using models that are engaged in the learning process, whereby students "learn by doing" and by reflecting on the experience. Project-based learning and internships help students develop interpersonal skills and make them industry-ready. Field visits arranged by individual departments minimize the gap between institutional and industry concepts.

### Participative Learning:

Seminars, guest lectures, workshops, conferences, and alumni interactions provide varied learning experiences for the students. Mock interviews and management games improve the confidence and managerial skills of the students.

### Problem-Based Learning:

The students are encouraged to do the projects and display them in the project expo every year on Engineers Day. Students actively explore real-world problems, implement them as project models under the guidance of faculty members, and acquire deeper knowledge.

### Advanced Learning Methods:

Camu is an integrated learning management solution system that helps students and educational institutions streamline the entire course using the Camu software. Each student has an individual ID. The student can download their course materials, question banks, question papers, assignment questions, lesson plans, etc. using the Camu application on their mobile phones.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC2/2.3.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC2/2.3.1.pdf</a>

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

ICT-enabled tools for an effective teaching-learning process: To be corporate-ready, students must learn and grasp the latest technology. Colleges use information and communication technology (ICT) in education to support, enhance, and optimize the delivery of education. The following tools are used by the Institute of ICT Tools:

1. Projectors are available in every classroom or lab.
2. Desktops are arranged at the lab and faculty cabins all over the campus.
3. 7 smart classroom facilities are available on campus with smart touch facilities.
4. Printers: They are installed at labs, HOD cabins, and all prominent places.
5. Photocopier machines: multifunction printers are available at prominent places in the institute.
6. Scanners
7. Seminar rooms with digital facilities.
8. Smart Board.
9. Auditorium: It is digitally equipped with a microphone, projector, cameras, and computer system.
10. Online classes through Zoom, Google Meet, Microsoft Teams, and Google Classroom
11. MOOC Platform (massive open online courses)
12. Digital Library resources

#### Use of ICT by Faculty

1. PowerPoint presentations
2. Industry Connect
3. Online quiz
4. Video Conferencing
5. Video lecture

**6. Online competitions**

7. Workshops, seminars, and conference rooms are digitally equipped where guest lectures, expert talks, and various competitions are regularly organized for students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

**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**

120

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

**2.4 - Teacher Profile and Quality****2.4.1 - Number of full time teachers against sanctioned posts during the year**

132

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

**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**

40

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

**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**

517

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## **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 assessments tests (IAT) are conducted at appropriate time with respect to Academic calendar prepared by the institution in accordance with the academic calendar of Anna University. Date sheets and notifications of Internal assessment is circulated in classrooms, displayed on notice boards. We have exam coordinators from each department and an internal squad comprising of senior faculty members for the smooth conduction of the examination. These tests allow the teachers to continuously assess the students to track their progress and to identify slow and advanced learners. The students were allowed to see their evaluated answer sheets and discuss with concerned faculty. Evaluation is done both in theory and practical examinations. The Institution adopts the

evaluation system that is prescribed by Anna University, Chennai. There will be two Internal Assessment Examinations, one model Examination and one model lab practical examination conducted over the end of each semester as per the Academic schedule. IAT question papers are prepared based on Blooms Taxonomy Levels. Each department will conduct the analysis meeting where result will be analysed at micro level. Based on the analysis, HODs and senior members of the department will finalize the suitable recommendation so as to improve the student's performance in the later internal exams. Discrepancy if any will get to the notice of concerned teacher and the necessary corrections are carried out.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://aecsalem.edu.in/continuous-internal-assessment/">https://aecsalem.edu.in/continuous-internal-assessment/</a>

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

- At the institutional level, in order to have a proper system in examination-related grievances, the internal examinations are conducted by the exam cell of the institution as per the exam timetable prepared by the exam cell coordinators.
- The timetables for the examinations are prepared in advance and displayed on the department notice boards a week before the commencement of examinations.
- Students are instructed not to indulge in any form of malpractices.
- Any grievances regarding evaluation or examination can be addressed to concerned staff by students. The answer scripts are re-corrected by concerned staff and will sort out the issue within two days.
- Slow learners and those who score very low marks in the internal tests and model exams are allowed to appear for the retest conducted by the faculty concerned. This provides an opportunity to improve their internal marks.
- The performance of the students in IAT is communicated to the students immediately after the completion of each IAT. In case of any grievances in awarding marks, the students can approach the corresponding course faculty and department HoD within two or three days.
- The attendance percentage of each student and marks in the Internal Assessment Test (IAT) are uploaded in CAMU

software.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://aecsaalem.edu.in/rules-of-examinations/">https://aecsaalem.edu.in/rules-of-examinations/</a>

## 2.6 - Student Performance and Learning Outcomes

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

POs, PSOs, and COs are formed by considering the vision and mission statement of the college and the syllabus content. COs and POs are framed by the heads of the department after a discussion with the subject-handling faculty along with subject experts. The POs and COs are available in the course file prepared by the faculty member. While mapping with POs, the faculty can clearly understand the course outcomes accordingly and prepare the lesson plan, etc.

- POs and COs for all programs and courses are displayed on the institute website, classrooms, laboratories, and verandas of the college for reference.
- The POs and COs are also mentioned on the blackboard. Faculty members refer to the syllabus to understand POs and COs thoroughly before delivering the courses to students and are also present in the continuous internal examination question papers and answer booklets.
- They are also made reachable through faculty members, student awareness workshops, and student induction programs.
- The course outcomes and attainments are measured through the Bloom's taxonomy. A result analysis of each course is carried out to indicate the percentage of students falling into different categories of CGPA obtained and to ensure the attainment of course outcomes.
- Feedback from the stakeholders for the attainment of COs is collected.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://aecsaalem.edu.in/civil-engineering/">https://aecsaalem.edu.in/civil-engineering/</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

The attainment of course outcomes is assessed by considering the following two categories of marks:

#### Direct Attainment

##### 1. Internal Assessment Marks

##### 2. End-of-Semester Examination Results

The internal assessment mark for the theory is the average of the three internal assessment examinations. The course outcomes are framed by the respective faculty members and HOD with the help of an expert. Subject-wise, CO attainment level is calculated by adding 20% of the final internal assessment attainment level (given in the table) with 80% of the end-of-semester examination attainment level for each subject. Thus, the average percentage of students attaining the entire COs determines the CO attainment level.

#### Attainment Level Students pass percentage

1 - 50% to 60%

2 - 61% to 70%

3 - 71% and above

#### Indirect Attainment

Students Exit Survey Indirect attainment is found from student exit surveys about the program and is conducted by providing the PO's and PSO's as questionnaires to the outgoing students by giving them three grade points. Indirect attainment is 20% of the weightage of each PO and PSO. The attainment level of 80% directs

the method, which includes 20% internal assessment level, 80% end-of-semester attainment level, and 20% indirect method, which is the PO's and PSO's attainment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC2/2.6.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC2/2.6.2.pdf</a>

### 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

256

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://naac.aecsaalem.edu.in/2024/Result-2024.pdf">https://naac.aecsaalem.edu.in/2024/Result-2024.pdf</a>

### 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://naac.aecsaalem.edu.in/2024/NAAC2/2.7.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)

6

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

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

#### 3.1.2.1 - Number of teachers recognized as research guides

0

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

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

6

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://aeccsaalem.edu.in/funded-projects/">https://aeccsaalem.edu.in/funded-projects/</a>

## 3.2 - Innovation Ecosystem

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

**The ecosystem of innovation thrives on collaboration, creativity,**

and technological advancement. Innovations like the AI-enabled Highway Safety Device exemplify the intersection of technology and societal needs. These ecosystems, comprising researchers, entrepreneurs, and institutions, foster the development of impactful solutions. In the context of highway safety, integrating AI, data analytics, and real-time communication systems represents a transformative shift toward proactive measures. The project titled "AI-Enabled Highway Safety Device: Informing Guardians in Critical Situations to Prevent Accidents and Highway Hijackings" has received funding under MSME Women Hackathon 3.0 (2023-2024). It aims to enhance highway safety by alerting guardians during critical events, ensuring a safer driving environment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://aeccsaalem.edu.in/funded-projects/">https://aeccsaalem.edu.in/funded-projects/</a>

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

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

13

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

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

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

0

File Description	Documents
URL to the research page on HEI website	<a href="https://aecsaalem.edu.in/funded-projects/">https://aecsaalem.edu.in/funded-projects/</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

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

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

36

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

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

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

14

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

## 3.4 - Extension Activities

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

The vision is to build the youth with the mind and spirit to serve the society and work for the social uplift of the down-trodden masses of our nation as a movement. During camps, the NSS

volunteers are actively involved in the activities viz., cleaning of village surroundings, road sides, temples and ditches, desilting of ponds, tree planting, fire rescue and safety programme, Blood donation, cleanliness, child education, health awareness issues and many other activities. Our Annapoorana Engineering College, very effectively coordinate different expansion exercises like, Tree Plantation, Campus Cleanining, Independence Day Celebration, General Health Check-up, NSS inauguration day Celebration, Republic day Paradise Celebration, Vote for India Rally, Blood Donation, etc.. Dr. A. Anbuchezeian welcomed all the participants and initiated the proceedings for the awareness of the celebrations; this programme is arranged by NSS programme coordinators, The NSS unit's activities over the past months have had a significant impact on the campus community and beyond. From environmental initiatives like tree plantation to health and social awareness programs, NSS has contributed to the holistic development of students while promoting civic responsibility. These events have fostered teamwork, leadership, and a sense of duty towards society. We look forward to continued success in all future NSS endeavors.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaleem.edu.in/2024/NAAC3/3.4.3.1.pdf">https://naac.aecsaleem.edu.in/2024/NAAC3/3.4.3.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

3

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 3.4.3 - Number of extension and outreach programs conducted by the institution through

**NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year**

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

7

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

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

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

622

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.5 - Collaboration**

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

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

49

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

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

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

8

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

## 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.

Annapoorana Engineering College has adequate infrastructural facilities and follows the norms laid down by AICTE and Anna University for creating and enhancing the infrastructure facilities for effective teaching and learning. Total area of our institution is 13.94 acres. The Institute has sufficient Smart-Class (Interactive TV) Rooms (40-Nos), Tutorial Rooms, , seminar-halls , various department laboratories, library with ILMS, and 200 Mbps internet facility including Wi-Fi, Auditorium, Rest Rooms, Staff cabins, HOD cabins attached with Office and Department Library.The College has Placement Cell, Training Division and Industry-Institute Partnership Cell. The available physical infrastructure is optimally utilized beyond regular

college hours, to conduct certificate courses, co-curricular activities / extra-curricular activities, parent's teachers meeting, training classes, board room, campus recruitments, seminars, conferences etc., Our College has fifteen computer laboratories with 538 computers connected through Wi-Fi/LAN with more than 200 Mbps internet speed. Our College has sufficient number of drawing halls with drawing tables for accessing students. Our College has 3 air-seminar Halls with adequate smart AV systems. Our College has library with area of 1450 Sq. m, e-Governance facilities with collection of 22961 books. Library is facilitated with DELNET and NDL membership, NPTEL, e-Journal, e-Shodhsindhu, Shodhganga Membership, Springer open & e-books.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC4/4.1.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC4/4.1.1.pdf</a>

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

Annapoorana engineering college has adequate facilities for sports, games (Indoor-outdoor), Gym, Yoga centre, Club and cultural activities. The college was always enthusiastic and encourages the students to actively participate in games and sports apart from the academics. College frequently conducts sports and games on their own interest. Sometimes there is a participation of outside funding bodies by conducting sports meet, refreshment programs to provide a physical relaxation for the students. The college has enough playgrounds for physical activities and cultural activities.

The Institute has a 35639 sq.m playground. Capacity meters for ball badminton court, football ground, basket ball court, cricket ground, kho-kho court, Kabaddi court, handball court, volleyball ground. Our students have good winning records at Zonal levels. The institution has many cultural activities, such as group dance, skits, MIME, debating, face painting, drawing, etc. The college also organizes every year Annual Day function where students engage with enthusiasm and enhancement in many cultural activities. There are many clubs running under Students Union of our college. Extra-curricular activities and cultural activities are organized by these clubs. So students are eagerly conducting

and participate many events such as blood donation camp, Eye donation, Medical Camp and Clean India. Personality and Character Development programmes exclusively for first years are organized by Clubs. Medical facilities are available on campus for the benefit of staff and students. There is a separate dispensary under the supervision of a qualified physician on campus with 24 Hrs Ambulance Service

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC4/4.1.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC4/4.1.2.pdf</a>

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

43

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC4/4.1.3.pdf">https://naac.aecsaalem.edu.in/2024/NAAC4/4.1.3.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

223.56

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

Annapoorana Engineering College Central Library is established with an area of 1450 sq.m. The seating capacity of library is 200 Nos at a time. It functions with by providing various Text Books, Reference Books, e-Books, National & International Journals, Newspapers & Magazines, E- Journals and Databases. It provides many services like as Circulation, Reading Room facility, Reprography, Digital Library service, CD, Web OPAC, Reference services, News paper Clipping Service CAS, NPTL Videos Etc..

The library subscribes to DELNET package. A well-equipped Digital Library with 25 computers having Internet connectivity is accommodated in the Library for access to E-Resources. As the access facility to e-journals is available the students can use the E-Resources from anywhere in the campus.

Library is automated using Integrated Library Management System (ILMS): Yes

Name of the ILMS Software : SOUL (2019 Nov)

Nature of Automation (fully or partially) : Fully

Version : 3.0.7

Year of Automation : 2019

The College Library is fully automated. We are used AutoLib Software for our library from 2010 to Nov 2019. Now SOUL (Software for University Library) has been installed with the following main

modules for the library in-house operation using Barcode Technology:

- Acquisition Control System
- Bibliographic Control System
- Circulation Control System
- Serial Control System
- OPAC (Online Public Access Catalogue)

Gate Entry Monitoring System (GEMS)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC4/4.2.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC4/4.2.2.pdf</a>

**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	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

16.09

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

#### 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

190

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

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

Our institute aims at providing upgraded facilities to staff and students. The systems are upgraded and necessary software is procured based on the syllabus. Presently 15 computer centres are available with 538 computers. A total of 40 Classrooms have been equipped with LED Smart Board Tv which are implemented with audio visual systems and Wifi facility.. We have 3 seminar halls equipped with Smart Interactive TV with audio and high speed internet facilities. The entire campus is monitored by CCTV facility. Our college having Library Software named SOUL (version 3.0.7), for administration and OPAC. The college is facilitated with 538 computers that are accessible to the students. The college has 200 Mbps internet connectivity (with wired and Wi-Fi hotspots with extenders). All computers in the campus are connected to the internet. The Wi-Fi facility is enabled in the college by installing controllers and Access points. The entire campus including Hostels has Wi-Fi connectivity for laptops and other devices. The Institute has the ERP (CAMU) system, which provides the facilities like student administration, staff administration, payroll system, Inventory management, Academic monitoring , COE functions etc. The Internet bandwidth is upgraded time to time as per requirement and the technology is also

constantly updated.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC4/4.3.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC4/4.3.1.pdf</a>

#### 4.3.2 - Number of Computers

538

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

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

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 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)

135.06

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

**Our management has developed systems and procedures for maintaining support facilities.**

Before the beginning of the academic year, a laboratory audit is carried out and a report is prepared on the requirements as per the university guidelines for conducting experiments. Regular inspection of machines is organized. The librarian maintains the issue registers to monitor the book circulation among students and staffs, using book circulation register or SOUL. Books stock register is properly maintained and auditing of books is performed annually. The computer hardware and software, printers, WIFI, ICT Class rooms and LAN connectivity are supported by CSE department with system admin. If maintenance/ service identified is external, getting approval from Principal the necessary action is taken. Class rooms, Interactive classrooms and Tutorial classrooms are offered to students and well maintained. The Director of Physical Education guide the training and participation of students in various sports activities. The Students are allowed to use sports materials through the register in sports room. In case of any damage observed, the same is recorded in the register pending further action. The electricity related repairs and maintenance, water availability, plumbing works and infrastructure for rainwater harvesting are taken care by the maintenance department.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC4/4.4.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC4/4.4.2.pdf</a>

## 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

917

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

### 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

1313

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

**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	<a href="https://naac.aecsaalem.edu.in/2024/NAAC5/5.1.3.pdf">https://naac.aecsaalem.edu.in/2024/NAAC5/5.1.3.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

1045

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

1045

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 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

262

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 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

10

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

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

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

1

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

### 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.

3

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

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 )

#### Anti-Ragging Committee:

This committee looks of any ragging issues within and out of the

campus. This committee consists of the management representative, principal, HoDs, AO, and student representatives from all departments.

#### Library Advisory Committee:

The student's role in the library committee is highly commendable since they recommend the books and journals. Sports committee: This committee is constituted with a physical director, supportive staff from departments, and students from all branches. Student players take the lead role in organizing periodical and occasional sports and games competitions.

#### IQAC:

This cell consists of the principal as chairperson, external members, internal members, and a student representative to build and ensure a quality culture with the flexibility to meet the diverse needs of the stakeholders.

#### Research, Innovation, Incubation, and Funding Committee:

Create awareness among faculty members and students about writing articles/books and publishing papers in reputed journals and conferences. • Motivate faculties to innovate and do project work along with students.

Examination Cell: Examination notices received from the Controller of Examination, Anna University, Chennai, are duly served to all concerned. • Preparation for smooth conduction of internal and university examinations, preparation of the timetable, invigilator duty chart, seat allotment in the examination halls, etc., and documenting the same.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC5/5.3.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC5/5.3.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 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

5

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

## 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

### Alumni Association:

The college has an alumni association named Annapoorana Engineering College Alumni Association. This was registered in 2019 with register number SRG/Salem East/118/2019, dated 04.12.2019.

The AEC alumni meet is conducted on campus every year to share their experience and industrial exposure with the students. The institution organizes special lectures wherein the alumni are invited by each department to enable them to gain field exposure, technical skills, and employment and entrepreneurship skills. The alumni are included in discussions in the form of acting as members of the Board of Studies, Research, Innovation, Incubation, and Funding Committee and the Department Advisory Committee. On their own interest, the alumni as a group or batch-wise make contributions to college.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC5/5.4.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC5/5.4.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 5.4.2 - Alumni contribution during the year A. ? 5Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	<a href="#">View File</a>

### 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

Excel as one of the renowned engineering institutions and achieve greater recognition.

##### MISSION

- Recognition through quality education, research, consultancy, and innovation in education.
- Provide students with the basic and advanced engineering knowledge, interdisciplinary problem solving skills, societal and business issues and self-confidence to excel in their professions and be leaders in the Global environment.
- Maintain a collegial, supportive, and diverse environment that encourages our students, faculty, and staff to achieve and compete to the best of their abilities.

The nature of governance, perspective plans and participation of the teachers in the decision making bodies.

- Principal, Academic Director, HoDs, faculty improve the quality of the institution with the support of the Top Management.

- To develop and review the progress, the institution conducts regular meetings. The information gathered from the Stack Holders gathered as feedback to draw the quality approach.
- To prepare the academic calendar, an Academic Council meeting will be conducted in the presence of Principal, Academic Director and HoDs.
- Periodical meeting is conducted by the Principal with HODs and faculty to equip the Laboratories and to monitor the progress of the students.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.1.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.1.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Annapoorana Engineering College thoroughly has faith in well defined decentralization and participative administration in each aspect of institute working. The college has an organization structure that incorporates Governing Body, Principal, Vice Principal, Academic Director, HoD, CoE, faculty members, and nonteaching staff and other various committees.

The Governing Body is in charge of arranging the establishment, guaranteeing organization execution and managing risk and responsibility. Work plan to the faculty is assigned through HOD's and will be regularly verifying the syllabus coverage.

Programs related to empowerment of students & staff can be organized by the HOD's. The head of department conducts, monitors the department activities, conducts intermittent gatherings of all separate staff members actively engaged in handling academic activities in the department. Head of the department take proposals from the faculties for advancement of the academics and administration and forward the same to the college administration. Also the students are involved to certain extent in decision making. Students are taking decisions related to the functioning and their roles in student committee. The participative culture guarantees straightforwardness in both academic and organization.

The object of participative administration and decentralization is clear from the various programs organised in the college

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.1.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.1.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

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

The institution has a perspective plan based on the vision and mission of the college for a period 2023 to 2024. The institute has following perspective/ strategic plans effectively deployed for the year 2023 - 2024:

1. Applied NBA accreditation for the departments of Automobile, Mechanical and ECE.
2. Institution Innovation Council (IIC) organized more events during 2023 to 2024
3. Autonomous activities were conducted like BOS Meeting, Academic Council Meeting and Governing Body Meeting by all the Departments every semester of the academic year.
4. Better industry institute relationship through MOUs to enhance the activities of Entrepreneurship development cell.
5. International Conference on Building A Sustainable Future With Recent Trends In Science And Technology was conducted on March 22 & 23, 2024
6. To motivate the faculty members to upgrade the Teaching - Learning process.
7. FDP was conducted for all the departments on 02.12.2023
8. Research & Development Center for Science and Humanities was inaugurated on 19.07.2023
9. Implementation and effective use of ICT enabled learning management system.
10. All the classrooms are renovated by smart TV.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.2.1-strategic-plannning.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.2.1-strategic-plannning.pdf</a>
Upload any additional information	<a href="#">View File</a>

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.

Annapoorana Engineering College was established in the year 2010 by Thirumuruga Kirupananda Variyar Thavathiru Sundara Swamigal Medical, Educational & Charitable Trust (TKVTSSMEC TRUST), a Charitable and Educational Trust was started in the year 1981 with an objective to provide educational help, medical relief and public service. The Trust of the institution is ably supported by the Governing Body in introducing matters of Policy, Planning and Development of the Institution.

#### Functions of the Governing Body:

- To organize the teaching and determine the teaching requirement in the college
- To monitor and evaluate the teaching programs in the college and suggest remedial measures.
- To appoint the Principal, HOD, the teaching and non-teaching staff on the recommendations of the selection committees constituted under the relevant regulations of the University
- To monitor faculty deployment and development, placement and industry-institute interacting activities in the institute/college and suggest remedial measures wherever necessary
- The functions of various bodies, Service rules procedures, recruitment and promotional policies as well as grievance redressal mechanism are given as additional information.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.2.2-HRPOLICY-NEW.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.2.2-HRPOLICY-NEW.pdf</a>
Link to Organogram of the institution webpage	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.2.2-Ornogram.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.2.2-Ornogram.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

## 6.3 - Faculty Empowerment Strategies

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

Annapoorana Engineering College has always taken faculty welfare into account. "Efforts to make life worth living for workers" is the definition of staff welfare. In addition to offering a variety of services, benefits, and facilities to its employees, our organization also offers perks and benefits to its employees outside of their regular pay. The primary goal of employee benefits services is to improve or enhance the well-being of its employees. Employee welfare initiatives support our institution's main goal by strengthening the bond between employers and employees. Since contented employees will always produce a satisfactory outcome in return, our firm should always view employee welfare initiatives as an investment rather than an expense. The welfare measures might take any form and don't have to be monetary.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.3.1.PDF">https://naac.aecsaalem.edu.in/2024/NAAC6/6.3.1.PDF</a>
Upload any additional information	<a href="#">View File</a>

### **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**

27

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### **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**

82

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

### 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

54

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

#### STAFF PERFORMANCE APPRAISAL SYSTEM

Every year all teachers have to submit a comprehensive self-assessment report through their Head of the department to the

Principal. The report includes their contribution to teaching, learning, evaluation related activities, co-curricular, extension, and profession related activities, research, publications and academic contributions. They are evaluated by a committee of senior faculty members and based on the performance cash rewards are given to the top two scorer of each department. If necessary, corrective actions are taken by the HOD concerned. Faculty with low score is personally counseled by the Principal along with relevant HOD.

All supporting staff submits their annual performance appraisal report at the end of the academic year. The report includes their responsibilities, departmental abilities, duties performed and participation in training programmes during the year. The report also includes assessment by the HOD concerned under various parameters with regard to the working of the staff during the year. In addition, if necessary, HOD can provide performance feedback about their staff at any time to the Principal for necessary action. The best part of the Performance Based Appraisal System is that each faculty becomes aware of the areas of improvements.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.3.5.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.3.5.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

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

The Institution has both Internal and External Auditing system. Internal Audit is performed by officials deputed from the Trust office periodically and the reports are obtained before the conduct of the external audit which is normally done after the closure of the accounts in all respects. External Audit is done by the Statutory Auditors appointed by the Trust after 31st March of subsequent year. Budget proposal are made by Heads of various departments. Yearly departmental budget is proposed from all departmental Heads and various sections of the institution to the principal. The Principal along with consolidated departmental budget prepares an Annual Organizational Budget. The consolidated

annual budget is planned under careful consideration of the needs of all the departments and finalized by the Finance Committee. The college annual budget is then discussed in the Governing Body meeting and submitted to management for approval. The management reviews annual budget of the college and based on priority, funds are sanctioned. The budget review is done periodically.

Reallocation of budget is also done in case of any unexpected needs. The consolidation of the budget has been completed and the annual returns are been submitted to Income Tax Authorities and to the other relevant authorities concerned.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/PSU.pdf">https://naac.aecsaalem.edu.in/2024/PSU.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 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)

2.785

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

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

**Fund Mobilization:** The major portion of the income for the college comes through Admission fee fixed by Anna University, Chennai. At the time of admission, the College collects the tuition fee, AICTE affiliation fee, miscellaneous and soft skills training fee.

Further funds are mobilized from Bus fees, canteen utilization, Alumni Association, EDII, Project Funds, Consultancy works, and other funding agencies for conducting various activities and events. TKVTSSMEC Trust - Our parent trust offers a wholesome amount of rupees one crore every year, as scholarship to poor

students. Further funds are received by the conducting Government exams in the college. Optimal Utilization: Construction of college buildings and infrastructural maintenance forms major part of budgeted fund utilization by the college. The expenditures mainly consist of salary payments, infrastructural maintenance, transport maintenance, fuel, electricity, purchasing of library books, and other recurring expenses. Funds are also sanctioned in part for faculty members for attending events conducted in other colleges. The college allocates a wholesome amount every year to waste management and to maintain green environment. As per the yearly requirements, the college offers funds for conducting curricular, co-curricular, extracurricular activities and Awards for meritorious students and Faculty members.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/AUDIT-STATEMENT.pdf">https://naac.aecsaalem.edu.in/2024/AUDIT-STATEMENT.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 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

**IQAC** in any institution is a significant administrative body that is responsible for all quality matters. It is the prime responsibility of IQAC to initiate, plan and supervise various activities that are necessary to increase the quality of the education imparted in an institution or college.

**Significant Contributions by IQAC:**

- Introduction of 3 New UG Programs namely B.Tech Artificial Intelligence & Data Science, B.E Biomedical Engineering and B.Tech Information Technology
- Applied NBA for 3 more UG Programs - Automobile, ECE & Mechanical Engineering : SAR Submitted and Awaiting inspection
- Continuous evaluation of academic performance through the conduct of Academic & Administrative Audit twice in a year.
- Registered for NIRF 2024
- For the Department of Mechanical Engineering, R & D Center recognition inspection held on 20.03.2024 through online mode - Awaiting for results

- AQAR for 2022-2023 has been successfully submitted
- Installation of ICT Tools in all Classrooms
- Integration of Curriculum with IBM for Curriculum Enrichment through Value Added Courses and Joint Program
- Academic Alliance with Ui Path Robotic Process Automation - Center of Excellence (COE) through ICT Academy
- Academia Collaboration with i-Planet for Apple Authorized Training
- Enhancement of Incubation Center with Bambu Lab XIE - 3D Printing Machine
- Installation of ISREA Students Chapter
- Enrolment in Startup TN Campus Circle
- Inauguration of SAE Club

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.5.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.5.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The main objective of IQAC is to ensure quality in academic and administrative activities.

Following are the innovative processes adopted by the institution in Teaching and Learning:

1. Introduction of Value added courses & Certificate courses
2. Initiation of Outcome Based Education
3. Initiation of ICT tools in all classrooms for enhancing Teaching- Learning Process
4. Through Industry - Institute - Academia collaborations, guest lectures are arranged on advanced topics by Eminent Academicians and Industry experts
5. Feedback from stake holders are collected & corrective action are taken

6. Collaborations with other institutions for Utilization of laboratories, Research facilities, external academic audits, etc.

IQAC Contribution towards effective Teaching & Learning processes are as follows:

1. IQAC organizes regular Academic and Administrative Audits once in a semester to ensure the implementation of teaching learning process and maintenance of course files.
2. Exams monitoring through Academic Committee and Exam Cell Coordinator.
3. Conduct of Remedial classes for slow learners
4. Soft skill and Technical training to suit the job needs of the students.
5. Mentor-Mentee allotments are introduced to help students overcome the challenges faced by them.
6. MOUs with Top companies

File Description	Documents
Paste link for additional information	<a href="https://aecsaalem.edu.in/pdf/IQAC-SPECIAL%20COURSES/SPL-COURSES-2023-24.pdf">https://aecsaalem.edu.in/pdf/IQAC-SPECIAL%20COURSES/SPL-COURSES-2023-24.pdf</a>
Upload any additional information	<a href="#">View File</a>

**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)**

**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://aecsaalem.edu.in/pdf/IOAC-ANNUAL-REPORT/IOAC-ANNUAL-REPORT-2023-24.pdf">https://aecsaalem.edu.in/pdf/IOAC-ANNUAL-REPORT/IOAC-ANNUAL-REPORT-2023-24.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## 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

#### ANNUAL GENDER SENSITIZATION ACTION PLAN

"Women empowerment and gender equality are among the primary concerns of Annapoorana Engineering College, Salem. To address these priorities, the college has developed an Annual Gender Sensitization Action Plan aimed at conducting regular activities to promote gender awareness, inclusiveness, and equality."

#### Annual Gender Sensitization Action Plan:

- To create and propagate a safe, secure and healthy environment to achieve gender equality and to ensure respectful and dignified behavior at all levels.
- To conduct induction and the orientation programmes for the students to promote gender sensitization.
- Conduct Awareness Programmes for the girls students regarding self-defense, Health and Medical, Sexual harassment prevention, Aids awareness, cybercrime, safety and security, Entrepreneurship and Career Enhancement etc., especially for the girls students in various departments and the Girls Hotels
- To organize programmes aiming to deal with the Critical situations with courage and using Presence of Mind and

## Health

- Addressing issues like Depression, Frustration arising out of Failures through counseling sessions of the experts
- To review the minutes and the Action Taken Reports of the Women Empowerment Cell, Anti-Ragging Squad , Discipline and Welfare Committee, Complaints and Grievance Redressal Committee, Internal Complaints Committee, Women's Empowerment Cell, Entrepreneur Development Cell, Counselling Cell, Hostel Committee, Sexual Harassment Committee and ensure redressals in time.
- To encourage girls students to join NSS and ensure equal rights and participations in regular cultural activities.
- To follow "No Discrimination Policy" in all areas of academic and administrative matters.

File Description	Documents
Annual gender sensitization action plan	<a href="https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.1(1).pdf">https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.1(1).pdf</a>
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	<a href="https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.1(2).pdf">https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.1(2).pdf</a>

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

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

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

#### Waste Treatment and Processing:

- Solid waste management
- Liquid waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals waste management

#### SOLID WASTE MANAGEMENT

Organic waste, including food scraps from the canteen and kitchen, as well as vegetable remnants, is segregated into designated containers. This collected waste is subsequently transported to a pit, covered with soil, and allowed to decompose naturally over a three-month period

#### LIQUID WASTE MANAGEMENT

Wastewater generated from the canteen, toilets, and similar areas within both the hostel and college is collected separately and directed into a shared drainage system. The collected wastewater is then stored in a tank located on campus, contributing to groundwater conservation.

#### E-WASTE MANAGEMENT

Our institution prioritizes the upkeep of computers, printers, and electronic equipment, ensuring they function optimally and minimize waste. To further reduce our environmental impact, printer toners are refilled instead of being discarded, thereby preventing the accumulation of electronic waste.

#### WASTE RECYCLING SYSTEM

We have implemented a wastewater treatment process using sedimentation to purify the liquid waste. This innovative approach converts the treated wastewater into nutrient-rich organic compost, which can be used for gardening.

#### HAZARDOUS CHEMICALS WASTE MANAGEMENT

Typically, our campus experiences minimal generation of hazardous waste across all departments. Any discarded batteries are appropriately disposed of through external agencies to ensure responsible handling.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">View File</a>

**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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

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

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

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

**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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).

**7.1.8 INSTITUTIONAL EFFORTS/INITIATIVES IN PROVIDING AN INCLUSIVE ENVIRONMENT I.E., TOLERANCE AND HARMONY TOWARDS CULTURAL, REGIONAL, LINGUISTIC, COMMUNAL, SOCIO-ECONOMIC AND OTHER DIVERSITIES.**

During the academic year 2023-2024, 3 events were conducted representing institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities.

Firstly on 21.6.2023, the Yoga Day awareness program was organised by the Department of Computer Science near Periyaseeragapadi village, which is located near the college campus. Around 250 participants participated and benefited from the programme.

After that on December 14th, 2023, an awareness program on National Energy Conservation Day was organised near Ariyanoor village. Department of Mechanical Engineering organised the program. Professor Ranjithkumar was in charge. Around two hundred and fifty public and students have participated in the awareness program. The public was motivated to save electricity, and they were asked to use alternate sources like solar.

And finally, on 25.01.2024, a voter's day awareness program was conducted near Rakipatti village, which is located near the college campus. The Department of Civil organised the program and Professor Nandha Kumar from Civil, made all required arrangements for the program. Around two hundred and fifty participants have participated.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

At AEC, our commitment is to provide students with a well-rounded and holistic education. A core part of this education includes raising awareness among students about constitutional rights, values, duties, and responsibilities. Students and staff are made aware of their constitutional responsibilities through both curriculum and extracurricular activities. The University mandates a Human Values and Ethics course at the degree level for all engineering disciplines to increase awareness and understanding of constitutional responsibilities, reinforcing democratic values.

Additionally, the topics like Right to Information, Sexual Harassment, and Gender Equity are addressed periodically through seminars. Human Values and Ethics is a compulsory subject for students of all branches at AEC, providing them with a broad understanding of the evolving modern values and ethical principles enshrined in the Indian Constitution, especially regarding democratic, secular, and scientific principles.

Each year, Republic Day is celebrated on January 26 with activities that emphasize the importance of the Indian Constitution. Independence Day is also celebrated annually, highlighting the freedom struggle and the significance of the Constitution. The "Vote for India" rally was organized to inspire and educate the community on voting rights and the impact of their voices in shaping the nation's future.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.9.pdf">https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.9.pdf</a>
Any other relevant information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.9.pdf">https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.9.pdf</a>

**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.**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

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

Our college believes in celebrating events and festivals in college. It is an integral part of learning and building a strong cultural belief in a student. Our management makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year.

In this academic year 2023-24 we celebrated the following days like Independence day, Teachers day, Engineers day, Mathematics day, Science day and Republic day and Celebrations like Vinayagar Chathurthi, Ayutha pooja, Christmas, New year and Pongal celebrations.

We celebrated Independence day and Republic day in our college fostering unity and national pride among students. The Faculty, Staff and Students paid their respect and saluted the National Flag and sang the National Anthem with great enthusiasm.

In order to express the gratitude for teachers, Teachers Day was celebrated in our college and was rewarded with gifts. We also celebrated National Science day in order to appreciate and develop science, technology and innovation among students. National Mathematics day was celebrated to spread awareness about importance of math and to inspire young students to learn math. In view of honouring the contributions made by M.Visvesvaraya in the field of science and technology, his birth anniversary was celebrated on 15th September 2023.

Cultural festivals are a vibrant reflection of its rich and diverse heritage, bringing everyone to celebrate with enthusiasm and energy. Festivals like Pongal, Christmas, Ayudha pooja and New Year festivals were celebrated in our college.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

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

### DIGITAL LIBRARY:

The College has library with area of 700 Sq. m, e-Governance facilities with good ambience for staff and student learning process. Library has 22361 books (Including of 1636 Department library books), 8696 titles, 28 Rare Books, 50 National Journals, 73 International Journals, 129 Project reports .The library is automated using Integrated Library Management System and recently upgrade the library with SOUL .Library is facilitated with DELNET and National Digital Library of India (NDL) membership, NPTEL, e-Journal, Shodhganga Membership, Springer open, e-books, Database. Library has remote access to e-resources with a connectivity bandwidth of 100 Mbps.

**APPLE INNOVATION CENTER:**

TheApple Innovation Labat Annapoorana Engineering College is a specialised centre established with the aim to provide students and researchers with access to the latest Apple technologies and software tools for the purposes of research, innovation, and development. The goal of theApple Innovation Labis to promote creativity, collaboration, and innovation among students and researchers.

File Description	Documents
Best practices in the Institutional website	<a href="https://naac.aecsaalem.edu.in/2024/NAAC7/7.2.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC7/7.2.1.pdf</a>
Any other relevant information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC7/7.2.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC7/7.2.2.pdf</a>

**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

**Value Added Course:** Value-added courses are those courses designed to enhance the standard of the students beyond those levels specified in academic curriculum.

**Certificate Course:** Certificate courses areshort-term programs that help students develop specialized skills for a specific career path or industry.They can be a good way to advance your career, qualify for a new job, or earn extra money.

**Feedback Analysis:** Feedback analysis for students isa process of

analyzing feedback from students to improve the teaching and learning process, course design, and student experience.

**ICT Tools:** Information and Communication Technology (ICT) tools can improve student learning by creating interactive and engaging learning experiences like interactive whiteboards, educational apps.

**Remedial:** Remedial education is a targeted approach that helps struggling students catch up and develop a strong foundation in subjects where they lag.

**Centre for Excellence (CoE):** The goal of Centre for excellence (CoE) at Annapoorana Engineering College is to promote and support technology based entrepreneurship spirit among the graduating students.

**CLUB ACTIVITIES:** Club activities are a variety of events and activities that are organized by a club, which is an association of people with a common interest or goal

## 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

The AEC is committed to achieving its goals and objectives by aligning its vision and mission, all while ensuring the delivery of high-quality education."

As an affiliated institute of Anna University Chennai, AEC operates within the framework of the Anna university, curriculum (Third and Final year) and own prescribed curriculum (First and second year). However, the institute takes great care in meticulously planning and developing action plans for the effective implementation of the curriculum. These plans are crafted with the aim of benefiting students while aligning with the institution's broader vision through quality education. Additionally, AEC has a proactive Internal Quality Assurance Cell (IQAC) that plays a key role in monitoring curriculum implementation by conducting academic audits throughout the semester

Instructional methods and pedagogical initiatives:

Faculty members are encouraged to deliver the curriculum using variety of innovative teaching methods, including ICT tools, smart boards, workshops, seminars, industrial visits, and other interactive approaches,

in addition to traditional teaching methods to assess student performance, institute conducts internal examinations (IT-1, IT-2, and IT-3). Feedback on Teaching-Learning Processes (TLP) is regularly collected from students, faculty, employers, and alumni, based on predefined parameters. If necessary, corrective actions are taken to address any areas for improvement.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC1/1.1.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC1/1.1.1.pdf</a>

### 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 alignment with Anna University by the institutional committee comprising the Principal, Dean, and Heads of all departments, prior to the commencement of each semester. The academic calendar is prepared with the goal of enhancing students' careers by incorporating activities such as webinars, training sessions, and other developmental programs. The timetable is designed to support students' day-to-day activities and foster their overall growth. Once finalized, the calendar is uploaded to the college website and shared with all stakeholders via email. The academic calendar includes the number of working days, dates for cycle tests, pre-university exams, project review sessions, and holidays. Provision of CIE in academic calendar: The academic calendar also outlines the scheduled periods for internal and model exams as per Anna University guidelines. Additionally, it includes details on seminars, holidays, and the completion of subject portions. The schedule of Centralized Internal Examination (CIE) systems strictly followed as per academic calendar. The schedule of Centralized Internal Examination (CIE) is strictly adhered to, as outlined in the academic calendar. To ensure the satisfactory performance of students in the evaluation process, parents are also engaged through regular parent meetings.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC1/1.1.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC1/1.1.2.pdf</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of**

**C. Any 2 of the above**

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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**

08

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**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)**

18

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

652

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

**Professional Ethics:** "Knowledge with Ethics" is the Engineers' prominent way to serve people of all strategy to analyse the Beneficial's and disastrous for public. The curriculum includes a separate paper on professional ethics. The guest lectures are given to students to instil moral, social and ethical ideas.

**Human Values (Club Activities):** The Institution has formed an Anti-Ragging committee to create awareness on human rights. The committee addresses on ragging and gender criticism, which are the violations of fundamental human values and rights. As a part of course improvement, institution also conducts numerous activities like blood donation camp, human values, national values and social cohesion.

**Women Empowerment Cell (Gender Equality):** To empower women socially, economically, politically and legally with a decision making potential, Women Empowerment Cell is organised. It conducts various skill development activities, arranges expert lectures by accomplished women to share their insights on work-life balance.

**Environment and Sustainability:** Thus an environmental issues related integrated curriculum is provided to nurture proper awareness among students about Global warming etc. Our AEC NSS unit actively encourage the students to involve in tree plantations in and around college premises and yoga training for fostering social responsibility along with professional ethics.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

08

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

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

390

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

#### 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	<a href="https://aecsaalem.edu.in/pdf/Stakeholder/1.4.1 (2023-2024).pdf">https://aecsaalem.edu.in/pdf/Stakeholder/1.4.1 (2023-2024).pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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	<a href="#">View File</a>
URL for feedback report	<a href="https://aecsaalem.edu.in/pdf/Stakeholder/1.4.2(2023-2024).pdf">https://aecsaalem.edu.in/pdf/Stakeholder/1.4.2(2023-2024).pdf</a>

#### TEACHING-LEARNING AND EVALUATION

##### 2.1 - Student Enrollment and Profile

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

440

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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**

103

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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

Students enrolled in various disciplines are identified as slow and advanced learners based on their +2 marks and the entry-level test conducted by each department. The institution organizes induction programs for fresh UG students, which include objectives, benefits, and familiarization with OBE, online courses, value-added courses, industrial implant training, curriculum, co-curricular and extracurricular activities, mentoring, and campus tours. For continuous assessment, varied evaluations, including assignments, seminars, group discussions, online quizzes, and viva-voce examinations, were employed to test both quality and value.

### Methodologies for Slow Learners

1. Individual counselling.
2. Remedial Classes
3. Short notes for easy learning.
4. Group discussion sessions.
5. Special care during the internal examination process.
6. Provision of simple and standard lecture notes and course

materials.

7. Bilingual explanations and discussions after the class hours for better understanding.
8. Group study systems are also encouraged, with the help of advanced learners.

#### Methodologies for Advanced Learners:

1. Guidance is given to apply for funded projects under TNSCST.
2. Motivated to present and publish papers in conferences and peer-reviewed journals.
3. Training is given to clear competitive examinations like TNPSC, bank exams, etc.
4. Motivated to enroll in online courses like Swayam, EdX, Coursera, etc.,
5. Training is given on advanced technologies like cloud, big data, and AI through ICT Academy and Honeywell.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC2/2.2.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC2/2.2.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
1470	132

File Description	Documents
Any additional information	<a href="#">View File</a>

#### 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

##### Experimental Learning:

The faculty members are motivated to handle their regular classes using models that are engaged in the learning process, whereby students "learn by doing" and by reflecting on the

experience. Project-based learning and internships help students develop interpersonal skills and make them industry-ready. Field visits arranged by individual departments minimize the gap between institutional and industry concepts.

#### Participative Learning:

Seminars, guest lectures, workshops, conferences, and alumni interactions provide varied learning experiences for the students. Mock interviews and management games improve the confidence and managerial skills of the students.

#### Problem-Based Learning:

The students are encouraged to do the projects and display them in the project expo every year on Engineers Day. Students actively explore real-world problems, implement them as project models under the guidance of faculty members, and acquire deeper knowledge.

#### Advanced Learning Methods:

Camu is an integrated learning management solution system that helps students and educational institutions streamline the entire course using the Camu software. Each student has an individual ID. The student can download their course materials, question banks, question papers, assignment questions, lesson plans, etc. using the Camu application on their mobile phones.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC2/2.3.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC2/2.3.1.pdf</a>

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

ICT-enabled tools for an effective teaching-learning process: To be corporate-ready, students must learn and grasp the latest technology. Colleges use information and communication technology (ICT) in education to support, enhance, and optimize

the delivery of education. The following tools are used by the Institute of ICT Tools:

1. Projectors are available in every classroom or lab.
2. Desktops are arranged at the lab and faculty cabins all over the campus.
3. 7 smart classroom facilities are available on campus with smart touch facilities.
4. Printers: They are installed at labs, HOD cabins, and all prominent places.
5. Photocopier machines: multifunction printers are available at prominent places in the institute.
6. Scanners
7. Seminar rooms with digital facilities.
8. Smart Board.
9. Auditorium: It is digitally equipped with a microphone, projector, cameras, and computer system.
10. Online classes through Zoom, Google Meet, Microsoft Teams, and Google Classroom
11. MOOC Platform (massive open online courses)
12. Digital Library resources

#### Use of ICT by Faculty

1. PowerPoint presentations
2. Industry Connect
3. Online quiz
4. Video Conferencing
5. Video lecture
6. Online competitions
7. Workshops, seminars, and conference rooms are digitally equipped where guest lectures, expert talks, and various competitions are regularly organized for students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

#### 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**

120

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

**2.4 - Teacher Profile and Quality****2.4.1 - Number of full time teachers against sanctioned posts during the year**

132

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

**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**

40

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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

517

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

### 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 assessments tests (IAT) are conducted at appropriate time with respect to Academic calendar prepared by the institution in accordance with the academic calendar of Anna University. Date sheets and notifications of Internal assessment is circulated in classrooms, displayed on notice boards. We have exam coordinators from each department and an internal squad comprising of senior faculty members for the smooth conduction of the examination. These tests allow the teachers to continuously assess the students to track their progress and to identify slow and advanced learners. The students were allowed to see their evaluated answer sheets and discuss with concerned faculty. Evaluation is done both in theory and practical examinations. The Institution adopts the evaluation system that is prescribed by Anna University, Chennai. There will be two Internal Assessment Examinations, one model Examination and one model lab practical examination conducted over the end of each semester as per the Academic schedule. IAT question papers are prepared based on Blooms Taxonomy Levels. Each department will conduct the analysis meeting where result will be analysed at micro level. Based on the analysis, HODs and senior members of the department will finalize the suitable recommendation so as to improve the student's performance in the later internal exams. Discrepancy if any will get to the notice of concerned teacher and the necessary corrections are carried out.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://aecsaalem.edu.in/continuous-internal-assessment/">https://aecsaalem.edu.in/continuous-internal-assessment/</a>

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

- At the institutional level, in order to have a proper system in examination-related grievances, the internal examinations are conducted by the exam cell of the institution as per the exam timetable prepared by the exam cell coordinators.
- The timetables for the examinations are prepared in advance and displayed on the department notice boards a week before the commencement of examinations.
- Students are instructed not to indulge in any form of malpractices.
- Any grievances regarding evaluation or examination can be addressed to concerned staff by students. The answer scripts are re-corrected by concerned staff and will sort out the issue within two days.
- Slow learners and those who score very low marks in the internal tests and model exams are allowed to appear for the retest conducted by the faculty concerned. This provides an opportunity to improve their internal marks.
- The performance of the students in IAT is communicated to the students immediately after the completion of each IAT. In case of any grievances in awarding marks, the students can approach the corresponding course faculty and department HoD within two or three days.
- The attendance percentage of each student and marks in the Internal Assessment Test (IAT) are uploaded in CAMU software.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://aecsaalem.edu.in/rules-of-examinations/">https://aecsaalem.edu.in/rules-of-examinations/</a>

### 2.6 - Student Performance and Learning Outcomes

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

POs, PSOs, and COs are formed by considering the vision and mission statement of the college and the syllabus content. COs and POs are framed by the heads of the department after a discussion with the subject-handling faculty along with subject experts. The POs and COs are available in the course file prepared by the faculty member. While mapping with POs, the faculty can clearly understand the course outcomes accordingly and prepare the lesson plan, etc.

- POs and COs for all programs and courses are displayed on the institute website, classrooms, laboratories, and verandas of the college for reference.
- The POs and COs are also mentioned on the blackboard. Faculty members refer to the syllabus to understand POs and COs thoroughly before delivering the courses to students and are also present in the continuous internal examination question papers and answer booklets.
- They are also made reachable through faculty members, student awareness workshops, and student induction programs.
- The course outcomes and attainments are measured through the Bloom's taxonomy. A result analysis of each course is carried out to indicate the percentage of students falling into different categories of CGPA obtained and to ensure the attainment of course outcomes.
- Feedback from the stakeholders for the attainment of COs is collected.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://aecsalem.edu.in/civil-engineering/">https://aecsalem.edu.in/civil-engineering/</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

The attainment of course outcomes is assessed by considering

the following two categories of marks:

#### Direct Attainment

##### 1. Internal Assessment Marks

##### 2. End-of-Semester Examination Results

The internal assessment mark for the theory is the average of the three internal assessment examinations. The course outcomes are framed by the respective faculty members and HOD with the help of an expert. Subject-wise, CO attainment level is calculated by adding 20% of the final internal assessment attainment level (given in the table) with 80% of the end-of-semester examination attainment level for each subject. Thus, the average percentage of students attaining the entire COs determines the CO attainment level.

#### Attainment Level Students pass percentage

1 -50% to 60%

2 - 61% to 70%

3 - 71% and above

#### Indirect Attainment

Students Exit Survey Indirect attainment is found from student exit surveys about the program and is conducted by providing the PO's and PSO's as questionnaires to the outgoing students by giving them three grade points. Indirect attainment is 20% of the weightage of each PO and PSO. The attainment level of 80% directs the method, which includes 20% internal assessment level, 80% end-of-semester attainment level, and 20% indirect method, which is the PO's and PSO's attainment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC2/2.6.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC2/2.6.2.pdf</a>

### 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**

256

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://naac.aecsaalem.edu.in/2024/Result-2024.pdf">https://naac.aecsaalem.edu.in/2024/Result-2024.pdf</a>

**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://naac.aecsaalem.edu.in/2024/NAAC2/2.7.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)**

6

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

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

**3.1.2.1 - Number of teachers recognized as research guides**

0

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

6

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://aeccsaalem.edu.in/funded-projects/">https://aeccsaalem.edu.in/funded-projects/</a>

**3.2 - Innovation Ecosystem****3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge**

The ecosystem of innovation thrives on collaboration, creativity, and technological advancement. Innovations like the AI-enabled Highway Safety Device exemplify the intersection of technology and societal needs. These ecosystems, comprising researchers, entrepreneurs, and institutions, foster the development of impactful solutions. In the context of highway safety, integrating AI, data analytics, and real-time communication systems represents a transformative shift toward proactive measures. The project titled "AI-Enabled Highway Safety Device: Informing Guardians in Critical Situations to Prevent Accidents and Highway Hijackings" has received funding under MSME Women Hackathon 3.0 (2023-2024). It aims to enhance highway safety by alerting guardians during critical events,

ensuring a safer driving environment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://aecsalem.edu.in/funded-projects/">https://aecsalem.edu.in/funded-projects/</a>

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

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

13

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

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

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

0

File Description	Documents
URL to the research page on HEI website	<a href="https://aecsalem.edu.in/funded-projects/">https://aecsalem.edu.in/funded-projects/</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

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

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

36

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

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

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

14

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

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

The vision is to build the youth with the mind and spirit to serve the society and work for the social uplift of the down-trodden masses of our nation as a movement. During camps, the NSS volunteers are actively involved in the activities viz., cleaning of village surroundings, road sides, temples and ditches, desilting of ponds, tree planting, fire rescue and safety programme, Blood donation, cleanliness, child education, health awareness issues and many other activities. Our Annapoorana Engineering College, very effectively coordinate different expansion exercises like, Tree Plantation, Campus Cleaning, Independence Day Celebration, General Health Check-up, NSS inauguration day Celebration, Republic day Paradise Celebration, Vote for India Rally, Blood Donation, etc.. Dr. A. Anbuchezeian welcomed all the participants and initiated the proceedings for the awareness of the celebrations; this programme is arranged by NSS programme coordinators, The NSS unit's activities over the past months have had a significant

impact on the campus community and beyond. From environmental initiatives like tree plantation to health and social awareness programs, NSS has contributed to the holistic development of students while promoting civic responsibility. These events have fostered teamwork, leadership, and a sense of duty towards society. We look forward to continued success in all future NSS endeavors.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC3/3.4.3.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC3/3.4.3.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

3

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

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

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

7

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

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

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

622

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.5 - Collaboration

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

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

49

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

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

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

8

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

## 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.

Annappoorana Engineering College has adequate infrastructural facilities and follows the norms laid down by AICTE and Anna University for creating and enhancing the infrastructure facilities for effective teaching and learning. Total area of our institution is 13.94 acres. The Institute has sufficient Smart-Class (Interactive TV) Rooms (40-Nos), Tutorial Rooms, , seminar-halls , various department laboratories, library with ILMS, and 200 Mbps internet facility including Wi-Fi, Auditorium, Rest Rooms, Staff cabins, HOD cabins attached with Office and Department Library. The College has Placement Cell, Training Division and Industry-Institute Partnership Cell. The available physical infrastructure is optimally utilized beyond regular college hours, to conduct certificate courses, co curricular activities / extra-curricular activities, parent's teachers meeting, training classes, board room, campus recruitments, seminars, conferences etc., Our College has fifteen computer laboratories with 538 computers connected through Wi-Fi/LAN with more than 200 Mbps internet speed Our College has sufficient number of drawing halls with drawing tables for accessing students Our College has 3 air Seminar Halls with adequate smart AV systems. Our College has library

with area of 1450 Sq. m, e-Governance facilities with collection of 22961 books. Library is facilitated with DELNET and NDL membership, NPTEL ,e- Journal, e-Shodhsindhu, Shodhganga Membership, Springer open & e-books.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC4/4.1.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC4/4.1.1.pdf</a>

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

Annapoorana engineering college has adequate facilities for sports, games (Indoor-outdoor), Gym, Yoga centre, Club and cultural activities. The college was always enthusiastic and encourages the students to actively participate in games and sports apart from the academics. College frequently conducts sports and games on their own interest. Sometimes there is a participation of outside funding bodies by conducting sports meet, refreshment programs to provide a physical relaxation for the students. The college has enough playgrounds for physical activities and cultural activities.

The Institute has a 35639 sq.m playground. Capacity meters for ball badminton court, football ground, basket ball court, cricket ground, kho-kho court, Kabaddi court, handball court, volleyball ground. Our students have good winning records at Zonal levels. The institution has many cultural activities, such as group dance, skits, MIME, debating, face painting, drawing, etc. The college also organizes every year Annual Day function where students engage with enthusiasm and enhancement in many cultural activities. There are many clubs running under Students Union of our college. Extra-curricular activities and cultural activities are organized by these clubs. So students are eagerly conducting and participate many events such as blood donation camp, Eye donation, Medical Camp and Clean India. Personality and Character Development programmes exclusively for first years are organized by Clubs. Medical facilities are available on campus for the benefit of staff and students. There is a separate dispensary under the supervision of a qualified physician on campus with 24 Hrs Ambulance Service

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC4/4.1.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC4/4.1.2.pdf</a>

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

43

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC4/4.1.3.pdf">https://naac.aecsaalem.edu.in/2024/NAAC4/4.1.3.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

223.56

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

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

Annapoorana Engineering College Central Library is established with an area of 1450 sq.m. The seating capacity of library is 200 Nos at a time. It functions with by providing various Text Books, Reference Books, e-Books, National & International Journals, Newspapers & Magazines, E- Journals and Databases. It provides many services like as Circulation, Reading Room facility, Reprography, Digital Library service, CD, Web OPAC, Reference services, News paper Clipping Service CAS, NPTL Videos Etc..

The library subscribes to DELNET package. A well-equipped Digital Library with 25 computers having Internet connectivity is accommodated in the Library for access to E-Resources. As the access facility to e-journals is available the students can use the E-Resources from anywhere in the campus.

Library is automated using Integrated Library Management System (ILMS): Yes

Name of the ILMS Software : SOUL (2019 Nov)

Nature of Automation (fully or partially) : Fully

Version : 3.0.7

Year of Automation : 2019

The College Library is fully automated. We are used AutoLib Software for our library from 2010 to Nov 2019. Now SOUL (Software for University Library) has been installed with the following main modules for the library in-house operation using Barcode Technology:

- Acquisition Control System
- Bibliographic Control System
- Circulation Control System
- Serial Control System
- OPAC (Online Public Access Catalogue)

Gate Entry Monitoring System (GEMS)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC4/4.2.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC4/4.2.2.pdf</a>

**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	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

**16.09**

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**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**

**190**

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

### 4.3 - IT Infrastructure

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

Our institute aims at providing upgraded facilities to staff and students. The systems are upgraded and necessary software is procured based on the syllabus. Presently 15 computer centres are available with 538 computers. A total of 40 Classrooms have been equipped with LED Smart Board Tv which are implemented with audio visual systems and Wifi facility.. We have 3 seminar halls equipped with Smart Interactive TV with audio and high speed internet facilities. The entire campus is monitored by CCTV facility. Our college having Library Software named SOUL (version 3.0.7), for administration and OPAC. The college is facilitated with 538 computers that are accessible to the students. The college has 200 Mbps internet connectivity (with wired and Wi-Fi hotspots with extenders). All computers in the campus are connected to the internet. The Wi-Fi facility is enabled in the college by installing controllers and Access points. The entire campus including Hostels has Wi-Fi connectivity for laptops and other devices. The Institute has the ERP (CAMU) system, which provides the facilities like student administration, staff administration, payroll system, Inventory management, Academic monitoring , COE functions etc. The Internet bandwidth is upgraded time to time as per requirement and the technology is also constantly updated.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC4/4.3.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC4/4.3.1.pdf</a>

#### 4.3.2 - Number of Computers

538

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

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

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 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)**

**135.06**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

**Our management has developed systems and procedures for maintaining support facilities.**

**Before the beginning of the academic year, a laboratory audit is carried out and a report is prepared on the requirements as per the university guidelines for conducting experiments.**

Regular inspection of machines is organized. The librarian maintains the issue registers to monitor the book circulation among students and staffs, using book circulation register or SOUL. Books stock register is properly maintained and auditing of books is performed annually. The computer hardware and software, printers, WIFI, ICT Class rooms and LAN connectivity are supported by CSE department with system admin. If maintenance/ service identified is external, getting approval from Principal the necessary action is taken. Class rooms, Interactive classrooms and Tutorial classrooms are offered to students and well maintained. The Director of Physical Education guide the training and participation of students in various sports activities. The Students are allowed to use sports materials through the register in sports room. In case of any damage observed, the same is recorded in the register pending further action. The electricity related repairs and maintenance, water availability, plumbing works and infrastructure for rainwater harvesting are taken care by the maintenance department.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC4/4.4.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC4/4.4.2.pdf</a>

## 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

917

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

### 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

1313

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

**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	<a href="https://naac.aecsaalem.edu.in/2024/NAAC5/5.1.3.pdf">https://naac.aecsaalem.edu.in/2024/NAAC5/5.1.3.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

1045

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

1045

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

**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**

262

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

**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**

10

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

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

1

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

### 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.**

3

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

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 )

#### Anti-Ragging Committee:

This committee looks of any ragging issues within and out of the campus. This committee consists of the management representative, principal, HoDs, AO, and student representatives from all departments.

#### Library Advisory Committee:

The student's role in the library committee is highly commendable since they recommend the books and journals. Sports committee: This committee is constituted with a physical director, supportive staff from departments, and students from all branches. Student players take the lead role in organizing periodical and occasional sports and games competitions.

#### IQAC:

This cell consists of the principal as chairperson, external

members, internal members, and a student representative to build and ensure a quality culture with the flexibility to meet the diverse needs of the stakeholders.

**Research, Innovation, Incubation, and Funding Committee:**

Create awareness among faculty members and students about writing articles/books and publishing papers in reputed journals and conferences. • Motivate faculties to innovate and do project work along with students.

**Examination Cell:** Examination notices received from the Controller of Examination, Anna University, Chennai, are duly served to all concerned. • Preparation for smooth conduction of internal and university examinations, preparation of the timetable, invigilator duty chart, seat allotment in the examination halls, etc., and documenting the same.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC5/5.3.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC5/5.3.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

**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**

5

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

#### 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

##### Alumni Association:

The college has an alumni association named Annapoorana Engineering College Alumni Association. This was registered in 2019 with register number SRG/Salem East/118/2019, dated 04.12.2019.

The AEC alumni meet is conducted on campus every year to share their experience and industrial exposure with the students. The institution organizes special lectures wherein the alumni are invited by each department to enable them to gain field exposure, technical skills, and employment and entrepreneurship skills. The alumni are included in discussions in the form of acting as members of the Board of Studies, Research, Innovation, Incubation, and Funding Committee and the Department Advisory Committee. On their own interest, the alumni as a group or batch-wise make contributions to college.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC5/5.4.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC5/5.4.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

A. ? 5Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## 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

Excel as one of the renowned engineering institutions and achieve greater recognition.

#### MISSION

- Recognition through quality education, research, consultancy, and innovation in education.
- Provide students with the basic and advanced engineering knowledge, interdisciplinary problem solving skills, societal and business issues and self-confidence to excel in their professions and be leaders in the Global environment.
- Maintain a collegial, supportive, and diverse environment that encourages our students, faculty, and staff to achieve and compete to the best of their abilities.

The nature of governance, perspective plans and participation of the teachers in the decision making bodies.

- Principal, Academic Director, HoDs, faculty improve the quality of the institution with the support of the Top Management.
- To develop and review the progress, the institution conducts regular meetings. The information gathered from the Stack Holders gathered as feedback to draw the quality approach.
- To prepare the academic calendar, an Academic Council meeting will be conducted in the presence of Principal, Academic Director and HoDs.

- Periodical meeting is conducted by the Principal with HODs and faculty to equip the Laboratories and to monitor the progress of the students.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.1.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.1.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Annappoorana Engineering College thoroughly has faith in well defined decentralization and participative administration in each aspect of institute working. The college has an organization structure that incorporates Governing Body, Principal, Vice Principal, Academic Director, HoD, CoE, faculty members, and nonteaching staff and other various committees.

The Governing Body is in charge of arranging the establishment, guaranteeing organization execution and managing risk and responsibility. Work plan to the faculty is assigned through HOD's and will be regularly verifying the syllabus coverage.

Programs related to empowerment of students & staff can be organized by the HOD's. The head of department conducts, monitors the department activities, conducts intermittent gatherings of all separate staff members actively engaged in handling academic activities in the department. Head of the department take proposals from the faculties for advancement of the academics and administration and forward the same to the college administration. Also the students are involved to certain extent in decision making. Students are taking decisions related to the functioning and their roles in student committee. The participative culture guarantees straightforwardness in both academic and organization. The object of participative administration and decentralization is clear from the various programs organised in the college

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.1.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.1.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

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

The institution has a perspective plan based on the vision and mission of the college for a period 2023 to 2024. The institute has following perspective/ strategic plans effectively deployed for the year 2023 - 2024:

1. Applied NBA accreditation for the departments of Automobile, Mechanical and ECE.
2. Institution Innovation Council (IIC) organized more events during 2023 to 2024
3. Autonomous activities were conducted like BOS Meeting, Academic Council Meeting and Governing Body Meeting by all the Departments every semester of the academic year.
4. Better industry institute relationship through MOUs to enhance the activities of Entrepreneurship development cell.
5. International Conference on Building A Sustainable Future With Recent Trends In Science And Technology was conducted on March 22 & 23, 2024
6. To motivate the faculty members to upgrade the Teaching - Learning process.
7. FDP was conducted for all the departments on 02.12.2023
8. Research & Development Center for Science and Humanities was inaugurated on 19.07.2023
9. Implementation and effective use of ICT enabled learning management system.
10. All the classrooms are renovated by smart TV.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.2.1-strategic-plannning.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.2.1-strategic-plannning.pdf</a>
Upload any additional information	<a href="#">View File</a>

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.

Annapoorana Engineering College was established in the year 2010 by Thirumuruga Kirupananda Variyar Thavathiru Sundara Swamigal Medical, Educational & Charitable Trust (TKVTSSMEC TRUST), a Charitable and Educational Trust was started in the year 1981 with an objective to provide educational help, medical relief and public service. The Trust of the institution is ably supported by the Governing Body in introducing matters of Policy, Planning and Development of the Institution.

#### Functions of the Governing Body:

- To organize the teaching and determine the teaching requirement in the college
- To monitor and evaluate the teaching programs in the college and suggest remedial measures.
- To appoint the Principal, HOD, the teaching and non-teaching staff on the recommendations of the selection committees constituted under the relevant regulations of the University
- To monitor faculty deployment and development, placement and industry-institute interacting activities in the institute/college and suggest remedial measures wherever necessary
- The functions of various bodies, Service rules procedures, recruitment and promotional policies as well as grievance redressal mechanism are given as additional information.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.2.2-HRPOLICY-NEW.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.2.2-HRPOLICY-NEW.pdf</a>
Link to Organogram of the institution webpage	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.2.2-Ornogram.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.2.2-Ornogram.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

Annapoorana Engineering College has always taken faculty welfare into account. "Efforts to make life worth living for workers" is the definition of staff welfare. In addition to offering a variety of services, benefits, and facilities to its employees, our organization also offers perks and benefits to its employees outside of their regular pay. The primary goal of employee benefits services is to improve or enhance the well-being of its employees. Employee welfare initiatives support our institution's main goal by strengthening the bond between employers and employees. Since contented employees will always produce a satisfactory outcome in return, our firm should always view employee welfare initiatives as an investment rather than an expense. The welfare measures might take any form and don't have to be monetary.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.3.1.PDF">https://naac.aecsaalem.edu.in/2024/NAAC6/6.3.1.PDF</a>
Upload any additional information	<a href="#">View File</a>

### **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**

27

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### **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**

82

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

**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**

**54**

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

**STAFF PERFORMANCE APPRAISAL SYSTEM**

**Every year all teachers have to submit a comprehensive self-**

assessment report through their Head of the department to the Principal. The report includes their contribution to teaching, learning, evaluation related activities, co-curricular, extension, and profession related activities, research, publications and academic contributions. They are evaluated by a committee of senior faculty members and based on the performance cash rewards are given to the top two scorer of each department. If necessary, corrective actions are taken by the HOD concerned. Faculty with low score is personally counseled by the Principal along with relevant HOD.

All supporting staff submits their annual performance appraisal report at the end of the academic year. The report includes their responsibilities, departmental abilities, duties performed and participation in training programmes during the year. The report also includes assessment by the HOD concerned under various parameters with regard to the working of the staff during the year. In addition, if necessary, HOD can provide performance feedback about their staff at any time to the Principal for necessary action. The best part of the Performance Based Appraisal System is that each faculty becomes aware of the areas of improvements.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.3.5.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.3.5.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 6.4 - Financial Management and Resource Mobilization

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

The Institution has both Internal and External Auditing system. Internal Audit is performed by officials deputed from the Trust office periodically and the reports are obtained before the conduct of the external audit which is normally done after the closure of the accounts in all respects. External Audit is done by the Statutory Auditors appointed by the Trust after 31st March of subsequent year. Budget proposal are made by Heads of various departments. Yearly departmental budget is proposed from all departmental Heads and various sections of the institution to the principal. The Principal along with

consolidated departmental budget prepares an Annual Organizational Budget. The consolidated annual budget is planned under careful consideration of the needs of all the departments and finalized by the Finance Committee. The college annual budget is then discussed in the Governing Body meeting and submitted to management for approval. The management reviews annual budget of the college and based on priority, funds are sanctioned. The budget review is done periodically. Reallocation of budget is also done in case of any unexpected needs. The consolidation of the budget has been completed and the annual returns are been submitted to Income Tax Authorities and to the other relevant authorities concerned.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/PSU.pdf">https://naac.aecsaalem.edu.in/2024/PSU.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### **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)**

**2.785**

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

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

**Fund Mobilization:** The major portion of the income for the college comes through Admission fee fixed by Anna University, Chennai. At the time of admission, the College collects the tuition fee, AICTE affiliation fee, miscellaneous and soft skills training fee. Further funds are mobilized from Bus fees, canteen utilization, Alumni Association, EDII, Project Funds,

Consultancy works, and other funding agencies for conducting various activities and events. TKVTSSMEC Trust - Our parent trust offers a wholesome amount of rupees one crore every year, as scholarship to poor students. Further funds are received by the conducting Government exams in the college. Optimal Utilization: Construction of college buildings and infrastructural maintenance forms major part of budgeted fund utilization by the college. The expenditures mainly consist of salary payments, infrastructural maintenance, transport maintenance, fuel, electricity, purchasing of library books, and other recurring expenses. Funds are also sanctioned in part for faculty members for attending events conducted in other colleges. The college allocates a wholesome amount every year to waste management and to maintain green environment. As per the yearly requirements, the college offers funds for conducting curricular, co-curricular, extracurricular activities and Awards for meritorious students and Faculty members.

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/AUDIT-STATEMENT.pdf">https://naac.aecsaalem.edu.in/2024/AUDIT-STATEMENT.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 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

**IQAC in any institution is a significant administrative body that is responsible for all quality matters. It is the prime responsibility of IQAC to initiate, plan and supervise various activities that are necessary to increase the quality of the education imparted in an institution or college.**

#### Significant Contributions by IQAC:

- Introduction of 3 New UG Programs namely B.Tech Artificial Intelligence & Data Science, B.E Biomedical Engineering and B.Tech Information Technology
- Applied NBA for 3 more UG Programs - Automobile, ECE & Mechanical Engineering : SAR Submitted and Awaiting inspection
- Continuous evaluation of academic performance through the

conduct of Academic & Administrative Audit twice in a year.

- Registered for NIRF 2024
- For the Department of Mechanical Engineering, R & D Center recognition inspection held on 20.03.2024 through online mode - Awaiting for results
- AQAR for 2022-2023 has been successfully submitted
- Installation of ICT Tools in all Classrooms
- Integration of Curriculum with IBM for Curriculum Enrichment through Value Added Courses and Joint Program
- Academic Alliance with Ui Path Robotic Process Automation - Center of Excellence (COE) through ICT Academy
- Academia Collaboration with i-Planet for Apple Authorized Training
- Enhancement of Incubation Center with Bambu Lab XIE - 3D Printing Machine
- Installation of ISREA Students Chapter
- Enrolment in Startup TN Campus Circle
- Inauguration of SAE Club

File Description	Documents
Paste link for additional information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC6/6.5.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC6/6.5.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The main objective of IQAC is to ensure quality in academic and administrative activities.

Following are the innovative processes adopted by the institution in Teaching and Learning:

1. Introduction of Value added courses & Certificate courses
2. Initiation of Outcome Based Education
3. Initiation of ICT tools in all classrooms for enhancing Teaching- Learning Process
4. Through Industry - Institute - Academia collaborations,

guest lectures are arranged on advanced topics by Eminent Academicians and Industry experts

5. Feedback from stake holders are collected & corrective action are taken

6. Collaborations with other institutions for Utilization of laboratories, Research facilities, external academic audits, etc.

IQAC Contribution towards effective Teaching & Learning processes are as follows:

1. IQAC organizes regular Academic and Administrative Audits once in a semester to ensure the implementation of teaching learning process and maintenance of course files.

2. Exams monitoring through Academic Committee and Exam Cell Coordinator.

3. Conduct of Remedial classes for slow learners

4. Soft skill and Technical training to suit the job needs of the students.

5. Mentor-Mentee allotments are introduced to help students overcome the challenges faced by them.

6. MOUs with Top companies

File Description	Documents
Paste link for additional information	<a href="https://aecsaalem.edu.in/pdf/IQAC-SPECIAL%20COURSES/SPL-COURSES-2023-24.pdf">https://aecsaalem.edu.in/pdf/IQAC-SPECIAL%20COURSES/SPL-COURSES-2023-24.pdf</a>
Upload any additional information	<a href="#">View File</a>

**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**

**A. All of the above**

**audit recognized by state, national or international agencies (ISO Certification, NBA)**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://aecsaalem.edu.in/pdf/IOAC-ANNUAL-REPORT/IOAC-ANNUAL-REPORT-2023-24.pdf">https://aecsaalem.edu.in/pdf/IOAC-ANNUAL-REPORT/IOAC-ANNUAL-REPORT-2023-24.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **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

#### **ANNUAL GENDER SENSITIZATION ACTION PLAN**

"Women empowerment and gender equality are among the primary concerns of Annapoorana Engineering College, Salem. To address these priorities, the college has developed an Annual Gender Sensitization Action Plan aimed at conducting regular activities to promote gender awareness, inclusiveness, and equality."

#### **Annual Gender Sensitization Action Plan:**

- To create and propagate a safe, secure and healthy environment to achieve gender equality and to ensure respectful and dignified behavior at all levels.
- To conduct induction and the orientation programmes for the students to promote gender sensitization.
- Conduct Awareness Programmes for the girls students regarding self-defense, Health and Medical, Sexual

harassment prevention, Aids awareness, cybercrime, safety and security, Entrepreneurship and Career Enhancement etc., especially for the girls students in various departments and the Girls Hotels

- To organize programmes aiming to deal with the Critical situations with courage and using Presence of Mind and Health
- Addressing issues like Depression, Frustration arising out of Failures through counseling sessions of the experts
- To review the minutes and the Action Taken Reports of the Women Empowerment Cell, Anti-Ragging Squad , Discipline and Welfare Committee, Complaints and Grievance Redressal Committee, Internal Complaints Committee, Women's Empowerment Cell, Entrepreneur Development Cell, Counselling Cell, Hostel Committee, Sexual Harassment Committee and ensure redressals in time.
- To encourage girls students to join NSS and ensure equal rights and participations in regular cultural activities.
- To follow "No Discrimination Policy" in all areas of academic and administrative matters.

File Description	Documents
Annual gender sensitization action plan	<a href="https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.1(1).pdf">https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.1(1).pdf</a>
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	<a href="https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.1(2).pdf">https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.1(2).pdf</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the**

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

**Grid Sensor-based energy conservation  
Use of LED bulbs/ power efficient  
equipment**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**Waste Treatment and Processing:**

- Solid waste management
- Liquid waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals waste management

**SOLID WASTE MANAGEMENT**

Organic waste, including food scraps from the canteen and kitchen, as well as vegetable remnants, is segregated into designated containers. This collected waste is subsequently transported to a pit, covered with soil, and allowed to decompose naturally over a three-month period

**LIQUID WASTE MANAGEMENT**

Wastewater generated from the canteen, toilets, and similar areas within both the hostel and college is collected separately and directed into a shared drainage system. The collected wastewater is then stored in a tank located on campus, contributing to groundwater conservation.

**E-WASTE MANAGEMENT**

Our institution prioritizes the upkeep of computers, printers, and electronic equipment, ensuring they function optimally and minimize waste. To further reduce our environmental impact, printer toners are refilled instead of being discarded, thereby preventing the accumulation of electronic waste.

**WASTE RECYCLING SYSTEM**

We have implemented a wastewater treatment process using sedimentation to purify the liquid waste. This innovative approach converts the treated wastewater into nutrient-rich organic compost, which can be used for gardening.

**HAZARDOUS CHEMICALS WASTE MANAGEMENT**

Typically, our campus experiences minimal generation of hazardous waste across all departments. Any discarded batteries are appropriately disposed of through external agencies to ensure responsible handling.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">View File</a>

**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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

A. Any 4 or All of the above

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**

5. Landscaping	
File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</b>	<b>A. Any 4 or all of the above</b>
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>
<b>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</b>	<b>A. Any 4 or all of the above</b>

reading material, screen	reading
File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>
<p>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).</p>	
<p><b>7.1.8 INSTITUTIONAL EFFORTS/INITIATIVES IN PROVIDING AN INCLUSIVE ENVIRONMENT I.E., TOLERANCE AND HARMONY TOWARDS CULTURAL, REGIONAL, LINGUISTIC, COMMUNAL, SOCIO-ECONOMIC AND OTHER DIVERSITIES.</b></p> <p>During the academic year 2023-2024, 3 events were conducted representing institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities.</p> <p>Firstly on 21.6.2023, the Yoga Day awareness program was organised by the Department of Computer Science near Periyaseeragapadi village, which is located near the college campus. Around 250 participants participated and benefited from the programme.</p> <p>After that on December 14th, 2023, an awareness program on National Energy Conservation Day was organised near Ariyanoor village. Department of Mechanical Engineering organised the program. Professor Ranjithkumar was in charge. Around two hundred and fifty public and students have participated in the awareness program. The public was motivated to save electricity, and they were asked to use alternate sources like solar.</p> <p>And finally, on 25.01.2024, a voter's day awareness program was conducted near Rakipatti village, which is located near the</p>	

college campus. The Department of Civil organised the program and Professor Nandha Kumar from Civil, made all required arrangements for the program. Around two hundred and fifty participants have participated.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

At AEC, our commitment is to provide students with a well-rounded and holistic education. A core part of this education includes raising awareness among students about constitutional rights, values, duties, and responsibilities. Students and staff are made aware of their constitutional responsibilities through both curriculum and extracurricular activities. The University mandates a Human Values and Ethics course at the degree level for all engineering disciplines to increase awareness and understanding of constitutional responsibilities, reinforcing democratic values.

Additionally, the topics like Right to Information, Sexual Harassment, and Gender Equity are addressed periodically through seminars. Human Values and Ethics is a compulsory subject for students of all branches at AEC, providing them with a broad understanding of the evolving modern values and ethical principles enshrined in the Indian Constitution, especially regarding democratic, secular, and scientific principles.

Each year, Republic Day is celebrated on January 26 with activities that emphasize the importance of the Indian Constitution. Independence Day is also celebrated annually, highlighting the freedom struggle and the significance of the Constitution. The "Vote for India" rally was organized to inspire and educate the community on voting rights and the impact of their voices in shaping the nation's future.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.9.pdf">https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.9.pdf</a>
Any other relevant information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.9.pdf">https://naac.aecsaalem.edu.in/2024/NAAC7/7.1.9.pdf</a>

**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	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

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

**Our college believes in celebrating events and festivals in college. It is an integral part of learning and building a strong cultural belief in a student. Our management makes tremendous efforts in celebrating the national and**

international days, events and festivals throughout the year.

In this academic year 2023-24 we celebrated the following days like Independence day, Teachers day, Engineers day, Mathematics day, Science day and Republic day and Celebrations like Vinayagar Chathurthi, Ayutha pooja, Christmas, New year and Pongal celebrations.

We celebrated Independence day and Republic day in our college fostering unity and national pride among students. The Faculty, Staff and Students paid their respect and saluted the National Flag and sang the National Anthem with great enthusiasm.

In order to express the gratitude for teachers, Teachers Day was celebrated in our college and was rewarded with gifts. We also celebrated National Science day in order to appreciate and develop science, technology and innovation among students. National Mathematics day was celebrated to spread awareness about importance of math and to inspire young students to learn math. In view of honouring the contributions made by M.Visvesvaraya in the field of science and technology, his birth anniversary was celebrated on 15th September 2023.

Cultural festivals are a vibrant reflection of its rich and diverse heritage, bringing everyone to celebrate with enthusiasm and energy. Festivals like Pongal, Christmas, Ayudha pooja and New Year festivals were celebrated in our college.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

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**DIGITAL LIBRARY:**

The College has library with area of 700 Sq. m, e-Governance facilities with good ambience for staff and student learning process. Library has 22361 books (Including of 1636 Department library books), 8696 titles, 28 Rare Books, 50 National Journals, 73 International Journals, 129 Project reports .The library is automated using Integrated Library Management System and recently upgrade the library with SOUL .Library is facilitated with DELNET and National Digital Library of India (NDL) membership, NPTEL, e- Journal, Shodhganga Membership, Springer open, e-books, Database. Library has remote access to e-resources with a connectivity bandwidth of 100 Mbps.

**APPLE INNOVATION CENTER:**

TheApple Innovation Labat Annapoorana Engineering College is a specialised centre established with the aim to provide students and researchers with access to the latest Apple technologies and software tools for the purposes of research, innovation, and development. The goal of theApple Innovation Labis to promote creativity, collaboration, and innovation among students and researchers.

File Description	Documents
Best practices in the Institutional website	<a href="https://naac.aecsaalem.edu.in/2024/NAAC7/7.2.1.pdf">https://naac.aecsaalem.edu.in/2024/NAAC7/7.2.1.pdf</a>
Any other relevant information	<a href="https://naac.aecsaalem.edu.in/2024/NAAC7/7.2.2.pdf">https://naac.aecsaalem.edu.in/2024/NAAC7/7.2.2.pdf</a>

**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

**Value Added Course:** Value-added courses are those courses designed to enhance the standard of the students beyond those levels specified in academic curriculum.

**Certificate Course:** Certificate courses areshort-term programs that help students develop specialized skills for a specific career path or industry.They can be a good way to advance your career, qualify for a new job, or earn extra money.

**Feedback Analysis:** Feedback analysis for students is a process of analyzing feedback from students to improve the teaching and learning process, course design, and student experience.

**ICT Tools:** Information and Communication Technology (ICT) tools can improve student learning by creating interactive and engaging learning experiences like interactive whiteboards, educational apps.

**Remedial:** Remedial education is a targeted approach that helps struggling students catch up and develop a strong foundation in subjects where they lag.

**Centre for Excellence (CoE):** The goal of Centre for excellence (CoE) at Annapoorana Engineering College is to promote and support technology based entrepreneurship spirit among the graduating students.

**CLUB ACTIVITIES:** Club activities are a variety of events and activities that are organized by a club, which is an association of people with a common interest or goal

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

To raise the students' performance, the academic activities were discussed. By holding numerous seminars, workshops, and conferences, the technical knowledge and skills of the staff members and students will be improved. There was discussion on the odd and even semester calendar for 2024-2025

Internship and In-plant training will be provided to the students regularly. In future, students will be enhanced by given appropriate placement and training programs for students. The Human Resource department will be improvised by revising the salaries and fixing the pay scale for various categories of staff members. The Staff selection and appointment procedure will be enhanced.

The college's auditorium is slated to be built. A large number of herbal plants will be planted as part of the green project.

It was intended to convert every classroom to a digital one. The facilities in the lab and the library will also be made do.

The campus will seem more attractive with more trees and plants. There will be a constant supply of water and routine cleaning of the water tank.