



**ANNAPOORANA ENGINEERING COLLEGE**  
(Approved by AICTE-New Delhi, Affiliated to Anna University, Chennai)  
NH-47 Sankari Main Road, Periyaseeragapadi, Salem-636308, Tamilnadu.  
[www.aecsalem.edu.in](http://www.aecsalem.edu.in)

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**OBSERVATIONS OF ACADEMIC AND ADMINISTRATIVE AUDIT (AAA)**

The Academic and Administrative Audit was held between 07.05.2018-11.05.2018 by a panel of members, from the various departments appointed by the Co-ordinator - IQAC in consultation with the Principal of the college. The Audit was conducted in an organised manner; following the audit, observations were recorded and a summary with recommendation is submitted by the Internal Quality Assurance Cell to the Principal and the Management.

**Observations of the audit would include the following:**

**Automobile Engineering:**

Extra-curricular activities is not found in Time Table. Student admissions are found to be less. Students with zero back log after remedial classes is only 50%. Only 1 faculty member have registered for Ph.D. Faculty enrolling for NPTEL / Swayam courses are nil. Only 50% of the course content is delivered through PPT. Student admissions are found to be less. Faculty enrolling for NPTEL/ Swayam courses is found nil. Percentage of course beyond curriculum is very less. Content delivery through PPT is only 50%. No sponsored projects and consultancy works are undertaken by the department. Paper presentations are very few. Conference papers are not published. No technical events are organised under professional society. Only 01 class room with ICT Facility is available. Department Library books are found insufficient.

**Civil Engineering:**

Faculty work load is not evenly distributed. Co, Po mapping and assessment process is done partially for few subjects. Events such as seminars, workshops, Guest lectures are found to be organised as per academic calendar and adherence is satisfactory. Student project planning and execution and student internship is found satisfactory. Remedial classes are conducted for below average students and as such 5 students have cleared the back log through these classes. Faculty with Ph.D is found to be less. Faculties are not found to appear for online certificate course .75% of the course content is delivered through PPT



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and 5% of content delivered is beyond syllabus. No sponsored projects are undertaken and 1 consultancy work done by the department. FDP participation is found at a satisfactory level.

The paper / Book publications and conference presentations by the faculty members is found at a minimal level. Industry-Institute interactions are found satisfactory and there is no technical event organised under Professional society sponsorship. There is only 2 class room with ICT tools available and department library is not well established.

### **Computer Science & Engineering:**

Adherence to Academic Calendar is found to be satisfactory. Time table includes hours allotted for extra-curricular and co-curricular activities, but one hour for sports activities can be added to the same. Course file maintenance is found satisfactory, but Lab manual maintenance need to be enhanced. Course coverage is found satisfactory. Gap identification is done, but no action is taken following it. Project planning and progress is satisfactory, but it should include more number of Industry based project works by the students. Summer internship focus is found to be average. Remedial classes for weak students are conducted and out of those classes 3 students have cleared their back log vacancies. Content delivery through PPT is found satisfactory and only 15% of courses beyond curriculum is been taught. Sponsored projects and Consultation works are not done by the department faculty members. Number of paper publication is reputed journal and conference presentations is found satisfactory. 2 Faculty members are found to have enrolled in professional societies. Conducting of events sponsored by Professional societies is found to be absent. Department library is well maintained, but not digitalised.

### **Electronics & Communication Engineering:**

Faculty work load distribution is not in adherence with the experience of the faculty members. Lesson plan is prepared, but awareness of it is not made to the students. Lab manual readiness is found but extra experiment is found missing. Attendance for special courses need to be maintained strictly. More number of Industry oriented events should be organised and industry based projects should be encouraged for the students. More time limit should be allotted for student Internships and field study. Remedial classes are



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conducted and 3 students have cleared their arrears out of such classes. There is insufficient Ph.D completed faculty found in the department. Faculty members are not attending online courses. Only 10% of the course beyond syllabus is been taught for the students. Sponsored projects and consultancy works are found missing in the department. Faculty enrolment to Professional societies is found to be missing. Technical events conducted through Professional society sponsorship are not found. More number of departmental library books need to be added to the department.

### **Electrical & Electronics Engineering:**

Curriculum gap analysis is identified, but further actions are not taken. Student final year projects need to be planned properly and progress monitored and more concentration has to be made on Industrial projects. Students internship and summer field projects need to be improved. More concentration has to be paid for students admissions. Remedial classes are conducted and 65% of the students attending the remedial classes are found to have cleared their back log arrear papers through this class coaching. Only 2 faculty members are found to possess Ph.D, which is insufficient. Retention of students as compared to previous years is good. Faculty members are pursuing online courses, but its not found to be adequate. Course content delivery through PPT and other ICT tools is satisfactory. 45% of the content delivery is found to be beyond syllabus. Non-government sponsor projects are carried out by the department faculty members. Industry-Institute interactions are found to be satisfactory.

### **Mechanical Engineering:**

Faculty workload is unevenly distributed. Certificate courses should be knowledge enrichment based curriculum. Events are conducted, but are not found to be upto satisfactory level. Mentoring facility is good and remedial classes are conducted on regular basis. 12 students have conducted their back log arrears through the remedial class conducted. 1 faculty is found to possess Ph.D, which need to be increased. Student retention as compared to the previous year is 60%. Faculty are not found to appear for online courses such as Swayam / NPTEL courses. Content delivery beyond curriculum is found satisfactory.



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Smart board, PPT, NPTEL Videos are used as innovations in T/ L Process. Sponsored projects and Consultancy Works are not taken up by the department faculty members. Very few papers are published in UGC/ Scopus indexed journals and conference paper publication is found to be nil. Only 2 FDP participations are found, which is very low. Faculty enrolment in professional societies is found nil. IPR activities, Industry-Institute interactions, MoUs are found to be less. Technical events conducted under professional society sponsorship need to be introduced.

### **Governance, Student Support and Infrastructure:**

One National and One International conference was conducted. Proper filing of vouchers are found to be missing. FDPs conducted are found to be less. Two technical programs are conducted for teaching and admin staff. NSS Unit of the college is active, but more activities are to be done. The overall placement percentage of the college is found to be less. Coaching for competitive examination is going on within the campus. Alumni registration need to be done. Language lab is available. 8 busses are available for transportation. Girls hostel within the campus is not found. Sport / Gym / Drinking water facility / Security Services and campus Maintenance are found satisfactory.

**Note:** *It is highly appreciable that the National and International level conferences are been conducted by the college following the recommendation made in the previous audit.*



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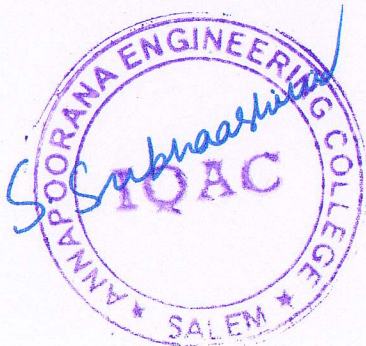


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### RECOMMENDATIONS OF ACADEMIC AND ADMINISTRATIVE AUDIT (AAA)

- Faculty members should be encouraged to enrol in Professional societies. They should also be encouraged to make paper / book publications in reputed journals.
- More faculties may be enforced to use ICT facilities for teaching learning .Non teaching staff may be trained in using ICT facilities relevant to their work.
- More MoUs may be signed to enhance the student support facilities. Through MoUs students placement has to be increased.
- Alumni association may be formed, registered and regular follow ups with alumni need to be made to enhance student placements.
- Students may also be made to get involved in Research activities.
- More ICT Tools need to be procured and used for effective teaching. Closer collaboration with industries may be encouraged and more Industry-Institute programs need to be organised.
- To fill the curriculum gap, Guest lecturers can be arranged on topics beyond syllabus.
- More number of seminars and workshops are to be organised with sponsorship from Professional societies.
- Girls Hostel facility should be brought inside the campus.
- EDC need to be inaugurated and entrepreneurship development programs need to be conducted.
- ISO certification process needs to be speeded up.
- Library need to be digitalised and more books and journals need to be stocked. Separate reading room may be introduced for the teacher and students.
- IPR related events need to be conducted more on a regular basis.
- More faculty members should be encouraged to pursue Ph.D. Faculty members need to explore on consultancy projects and apply for funding projects.
- More number of events need to be organised by the departments. Student's Remedial class attendance has to be strictly maintained and back log clearance of arrear papers through such remedial classes need to be improved.
- Faculty should be insisted to appear for Swayam / NPTEL online courses.



  
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