



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

OBSERVATIONS OF ACADEMIC AND ADMINISTRATIVE AUDIT (AAA)

The 1st AAA was held between 06.11.2017-10.11.2017 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:

Only 2 faculty members have registered for pursuing Ph.d. No faculty members is found to appear for NPTEL/ Swayam – Online courses and get certified. Faculty members are found enrolling with Professional societies. Conference presentations, Paper publication and Book publication counts are very less. Number of student admitted is found less. Time Table with separate slots for Co-curricular and Extra-curricular activities along with adherence is not allotted. More attention shall be paid for activities beyond curriculum. No efforts is made to bring out Consultation works. Innovations shall be brought in T/L Process is missing.

Civil Engineering:

Course File completion is not in full. Curriculum gap analysis process is not done. Efforts should be made to increase the Student admission numbers. More faculties should be encouraged to register for Ph.D. More percentage of content delivery shall be made through ERP. Only few courses offered are beyond curriculum. Conference publication and Paper / Books publications need to be increased. Faculty enrolment to professional societies should be encouraged. Only 3 MoUs need to be signed with Industrial Houses for student Internship and training. Only 2 class rooms with ICT is available.

Computer Science & Engineering:

Deviation from Academic Calendar need to be monitored. Student login to ERP is missing. Readiness of course file is not 100%. Curriculum gap analysis is found, but action



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taken is found missing. Student projects in various domains need to be suggested. Student admissions are found less.. Only 4 faculties are pursuing Ph.D. faculties have not enrolled for online courses. Sponsored projects and consultancy works are found missing. Paper publication in journal and conferences are few. Technical events with professional society funding is not conducted. ICT Facility is available only in 3 class rooms. Lab audit reports not submitted.

Electronics & Communication Engineering:

For Laboratories, additional experiments need to be taught. Special course attendance is not maintained strictly. Events conducted need to be increased. Field projects are found less. Student admission is at 60% level. Only 2 students cleared back log arrears through conduct of remedial classes. No faculty has completed Ph.D. Only 70% of the course content is delivered through PPT. Very few courses delivered is beyond curriculum. Only 1 faculty has published paper in conference. No faculty has done consultancy work or undertaken sponsored projects. 1 program is done with Industry person as resource person. One IPR workshops organised, one MOU signed with industrial house. Quality of special courses is found to be good. 1 classroom with ICT tool is available. Servicing of computer systems has to be monitored and systematised.

Electrical & Electronics Engineering:

Curriculum gap analysis need to be done and proper action has to be made to bridge the gap. Final year project has to be more Industry Based. Summer Internships are made by students, but not found extensive. Student intake is not fulfilled to the maximum available number of seats. Only 65% of students is found to clear the back log arrear papers through Remedial classes. Faculty with Ph.D is found very less. The Department holds good student retention when compared to the Base year. Curriculum beyond syllabus is found to be less. Faculty publications, Paper presentations and book publications are found at the minimal level. Computing facilities provided to the department are found satisfactory.



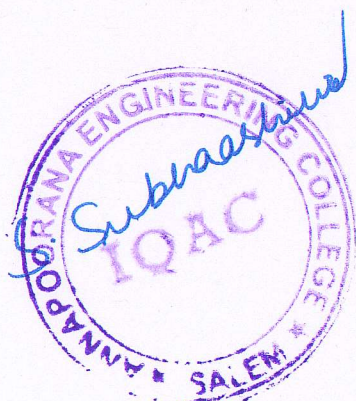
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Mechanical Engineering:

Time table has extra slots for co-curricular and extra-curricular activities. Lab manual with additional experiments need to be brought about. Curriculum gap analysis is made, but further actions taken as not satisfactory. Special course attendance need to be monitored strictly. Student final year project need to be Industry oriented. Internship and field project duration is found satisfactory. Mentoring system is good. Remedial classes are conducted as per schedule, and 6 students have cleared their back log vacancies through such remedial classes conducted. Faculty possessing Ph.D is found to be 1 only. Faculty are not found to appear for Swayam / NPTEL online courses. Only 23% of the content beyond curriculum is taught for students. Only 40-% of the course content delivery is done through PPT and other Learning Management system. Faculties have not taken up sponsor projects and consultancy work so far. Conference publications, Paper / Book publications are found to be missing. Faculty enrolling in professional societies are found to be nil. IPR related events are not conducted. ICT enabled classrooms are not available.

Governance, Student Support and Infrastructure:

Number of conferences, FDPs & Training Programs organised is found to be less than expectation. IQAC Quality initiatives are found satisfactory. Social activities and other service to the community are found satisfactory, yet it can also be improved more. Only 25% of the placement details are maintained. Alumni Association is found missing. Sports organised are found satisfactory. Language Lab is found to be satisfactory. WI-FI facility has to be installed. Transport, Hostel, Gym, Sports Facility, safety, security and campus cleanliness are found satisfactory.




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RECOMMENDATIONS OF ACADEMIC AND ADMINISTRATIVE AUDIT (AAA)

- Students may be made to get involved in Research activities.
- Guest lecturers should be arranged on topics beyond curriculum to fill the curriculum gap and more number of seminars and workshops are to be organised.
- The placement cell of the institution may be strengthened .
- More MoUs may be formed to enhance the student support facilities.
- Alumni association may be formed and regular follow ups need to be done. The data may be made accessible to the current students to foster their academic progression as well as enhance employment opportunities.
- 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.
- Wifi campus may be introduced with adequate security mechanisms. Girls Hostel facility may be introduced for the students.
- Library facilities may be strengthened, advanced software may be introduced for library maintenance. Separate reading room may be introduced for the teacher and students. Paper / Book publication in reputed journals with good impact factors need to be increased.
- Faculty members need to explore on consultancy projects and apply for funding projects.
- Closer collaboration with industries may be encouraged and more Industry-Institute programs need to be organised.
- Faculties must be encouraged to enrol in professional societies.
- Deviations from academic calendar need to be curtailed.
- More faculty members should be encouraged to pursue Ph.D.
- More number of National and International Level Conferences need to be organised by the departments.
- Student's Remedial classes 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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- Class Time Table should inculcate separate slots for Co-curricular and Extra-curricular activities.
- Efforts need to be taken to increase student admission counts to the maximum capacity.
- ISO Certification need to be obtained.
- IPR related events need to be maximised.
- Student participation in research activities shall be encouraged.



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