



# ANNAPOORANA ENGINEERING COLLEGE

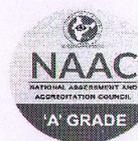
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Accredited by NAAC with "A" Grade

Recognized by UGC with 2(f) & 12(B) and ISO 9001:2015 Certified Institution

NH-47, Sankari Main Road, Periyaseeragapadi, Salem-636308, Tamil Nadu.

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## OBSERVATIONS & SUMMARY OF ACADEMIC AND ADMINISTRATIVE AUDIT (AAA)

The Academic and Administrative Audit (AAA) was held between 21.06.2021 – 30.06.2021 by a panel of members, from the various departments appointed by the Coordinator - 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. (Due to the pandemic situation, classes, events, training, mentoring, examinations, etc were conducted through online platform)

### Observations of the audit include the following:

#### Automobile Engineering:

The department level Academic Calendar is prepared in line with University calendar, and the adherence calendar is also maintained well. Timetable with slots for co curricular activities is prepared and uploaded in ERP. Course file and Lab manual are completed. E-learning modules are used in TLP, but need to be loaded in ERP. Elective course selection is as per Anna University norms. Value Added course and Certificate course are planned and executed appropriately. Final year projects need to be done in domain areas. Efforts for slow learners are taken by extra coaching classes and Assignments. Previous year question papers are provided to the also for study purpose. NPTEL Videos are shared for Advanced learners. Mentor counselling is done on 1:14 ratio through online media. Result analysis is done and made available for students. Faculty on roll during that particular period is 10. No NPTEL, Swayam or MOOC Certification courses are been completed by the faculty members. Conferences attended by faculty members is nil. FDP participation by faculty members is 2. Ph.d guidance is also found to be nil. Only 1 faculty has taken up membership in professional body. Sponsored projects and consultancy works from the department is found nil. Journal publication is 4 and 2 Book publications are made. Patent registration is found nil. Programs with industry recourse persons as speakers is 4 and 1 new MOU is signed during this period. ICT tool utilisation is found good and department infrastructure is found sufficient.



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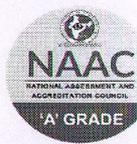
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## Civil Engineering:

Department level calendar and adherence calendar prepared and maintained. Time Table has extra slots allotted for co-curricular and extra-curricular activities and ERP uploaded. Course file and Lab manual exists as per norms, and matching to the content Co-Po mapping is done. Special courses are conducted in a good manner through online mode. E-Learning modules are used well for online classes during lockdown. Events are conducted in line with the curriculum. Final year project planning and monitoring is verified to be good. Student mentoring system is good and remedial classes are taken for slow learners. For Advanced learners, they are motivated to participate in conferences and symposium. Final year project planning and monitoring is done online. Staff profile is well maintained and is complete. Faculty members are not found to have taken up online courses. 3 Guest lectures, 3 webinars are organised by the department to integrate environment / gender/ ethical issues. 9 faculty are on roll. Faculty members handle classes using PPT and other LMS. 3 faculty members have participated in conferences. 1 FDP was organised by the department. 4 faculty members participated in FDPs. 2 faculty members are pursuing Ph.D. 5 faculty have received professional membership. 1 Non-government sponsored projects was taken up and 4 consultancy works is done by the department. 3 Papers are published in journals. 9 Books are published and 1 patents are registered. Guest lecture with industry persons are organised. 5 Industry persons have visited the department as resource person for events. Fresh MoU signed is 1 and no events are conducted under the sponsorship from professional societies.

## Computer Science & Engineering:

Department calendar is prepared in line with university calendar. Adherence to Academic Calendar is satisfying. Timetable is prepared and uploaded in ERP. Course file readiness is found and Lab manual is made ready as per Anna University syllabus. E-learning modules are used well in online teaching. Value added course and certificate courses are conducted in online mode with proper planning and monitoring. Final year project guidance are given via online mode and quality maintained. Mentor-mentee allotments are made and timely counselling is also done appropriately. Remedial classes are made for slow learners by



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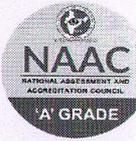
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conducting extra classes and NPTEL Videos are shared for advanced learners. Events organised in a way that integrate with the curriculum. 13 faculty members are found on roll and all the faculty members have participated in conferences and workshops. The department has not organised any FDPs. 13 faculty members have participated in FDPs organized by other colleges. Online courses are not taken up by the department. Course delivery through PPT is satisfying. The department is found to have taken up 1 non government sponsored projects. Event with Industry person as resource person was conducted. 1 patent registration was done. 3 IPR events are been organised. No new MOU is found to be signed during this particular period. 1 industrial certification course was organised by the department. Technical events are not found to be conducted under professional society sponsorship. Department library is well maintained, but not digitalized.

## **Electronics and Communication Engineering:**

Department calendar prepared in line with university calendar. Time table is prepared as per norms and Time table is also uploaded in ERP. Course file and Lab manual readiness is satisfactory. Lesson plan is done and is made available to the students through ERP. Quality of special course conducted online is well planned and monitored. Final year Project are well planned, but need concentration on Industry oriented projects. Project guidance is given online. Online courses, Sponsored projects, journal publications or Consultancy work are not taken up by the faculty members. Mentor mentee allotment is made and counselling is done online as and when required. Remedial classes are done for slow learners with extra study hours. 11 faculty are on roll. 3 faculty have completed NPTEL/MOOC certification course. 6 faculties have attended Conference and 8 faculties have participated in FDPs. 8 faculty have got membership from professional societies. 1 paper publications is found. 1 Patents are registered. 2 events were organised with industrial person as resource persons. 1 Industrial certification courses are organised and 1 MOU was signed during this period. Department library is well maintained.



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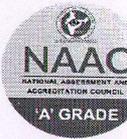
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## Electrical and Electronics Engineering:

Academic calendar is found to be well prepared, and adherence calendar maintained. Time table is found to adhere with university norms and uploaded in ERP. Lesson plan is prepared and made aware to the students through ERP. Staff profile is maintained. Course file and Lab manual readiness is good but some areas need to be completed in full. Lesson plan is prepared well in advance and uploaded in ERP. CoPo mapping done for all subjects. Elearning modules are used to handle online classes. Main project guidance is given by the respective faculty through online modes. Value added courses and certificate courses are planned and conducted systematically through online. Quality of mentoring and remedial classes is satisfactory. 13 faculty members are on roll and Faculty members participation in conference is 6, FDPs is 5, and no FDP is organised by the department. 1 Journal publication is been made. Faculty research is found to be not satisfactory as the participation in sponsored or consultancy works, or publications and patents are found nil. 2 events were organised with industry persons as resource persons. 01 new MOU was signed. Faculty research activities on doing sponsored projects or consultancy work or journal / book publication or patent registration is found nil. No IPR Workshops and events conducted with professional society sponsorship. Department library is well maintained.

## Mechanical Engineering:

Academic calendar is well prepared, and adherence calendar also maintained at the department level. Time table is prepared and uploaded in ERP for students knowledge. Elective course selection is as per Anna University norms. Course file and lab manual are available in the department and is found complete. Co-Po mapping is done. VAC & CC are properly planned to be conducted online and executed. Projects for final year and mini projects is well-planned and industrial oriented and guidance are given via online platform. Mentor-mentee allotments are made and the remedial classes for weak students are conducted. 11 faculties are on roll. Faculty members are not found to have taken up online courses, sponsored projects or consultancy work. 10 Faculty members have attended conferences, 04 faculty have participated in FDPs and no FDPs are organised by the department. No Journal publications are made by the



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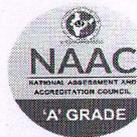
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faculty members and 5 book publications and no patent registrations are made. Faculty members are not found to enrol in professional societies. Events and guest lectures by industrial persons are found to be 2. 1 IPR event was organised. 03 Industrial certification courses were offered. 01 new MOUs are signed by the department for internship and training. Department library is well established, and maintained.

## Science & Humanities:

Course file and lab manual are available in the department and is found complete. Co-Po mapping is done. Lesson plan is prepared well in advance and are made available to the students through ERP. Time table with extra slots for co curricular and extracurricular activities is prepared. E-learning modules are used for online TLP. Elective course selection is done as per Anna University norms. Student Mentor mentee allotment is made as per norms and counselling given when required. Remedial classes are conducted for slow learners. 18 faculties are on roll and 11 faculty members have attended conferences. No FDP is conducted by the department. 3 faculty have participated in FDPs. 2 consultancy works are been done. 6 faculty have published journal and 7 events are conducted with industry person are resource person. ICT tools are utilised well for online TLP.

## Governance, Student Support and Infrastructure:

Governing body meetings are conducted once in a year as per the norms. All other committees meet quarterly and half yearly and discuss on the developmental activities and the files are maintained promptly. Institution Academic Calendar and Budget is prepared well in advance of the beginning of the AY. Budget allocation is done as per proposals. No conferences were organised. 2 FDPs are organised by the college. Grievance Redressal Mechanism is available in the college. Quality Audit by IQAC is done once in a semester. ISO renewal was done on 3.10.2020, NAAC accreditation was received on 2.5.2021, and Autonomous status was applied on 15.02.2021. 5 Social activities are conducted by NSS. 581 students benefitted through Institutional Scholarship and 363 students benefit out of government scholarship. 84% is the overall placement of students for the year. Training is provided for competitive



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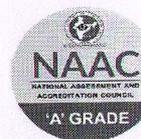
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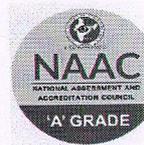
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examinations through online mode. Alumni cell is registered and the alumni contribution sum upto Rs.4,31,928/- for the year. Laboratories and internet facilities are available and properly utilised by students. Other amenities such as, hostel, gym, RO Plant, Fire Extinguisher are well maintained and records kept ready and are found to be complying with the norms.



**PRINCIPAL**  
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PERIYA SEERAGAPADI (P.C.)  
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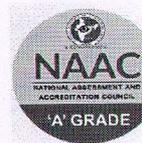
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## SUMMARY OF ACADEMIC AND ADMINISTRATIVE AUDIT (AAA):

Adherence to academic calendar need to be strictly followed. Academic calendar need to inculcate placement training schedules also. Academicians from IITs and Industrialists from MNCs may be invited for the Governing Body meetings. Apart from the existing renewals, departments should take additional efforts to sign new MOU with several Industrial Houses and institutes for Internship, Inplant training and Industrial Visits. ICT enabled class rooms have increased over the years. Non teaching staff may also be trained in using ICT facilities relevant to their work nature. Pragati Scholarship to Women students may be introduced for encouraging women education. Placement efforts need to be increased and by way of more technical and soft skill training programs and by signing MOUs exclusive for placement training and support. Societal services through NSS and other agencies need to be improved more. Wi-fi facility & Internet speed availability need to be increased. Content delivery through PPT and other online sources have increased. Additional busses can be procured to reach the students coming from remote villages. More number of FDPs, Conferences and IPR related events with Industry persons as resource persons need to be organised

Faculty members should be motivated to take up Swayam / NPTEL online courses. Consultancy project and sponsor projects should be taken up on a regular basis. Events need to be organised with sponsorship from Professional societies and by Industrial experts. To encourage faculty enrolment in professional Societies, part payment should be made from the management side. Faculty members should be motivated with stipend to register for Ph.D faculty members with Ph.D must have guidance. Faculty participation in research must be insisted upon. More innovations in T/L Process need to be initiated. Curriculum gap identification and consecutive action taken along with proof need to be maintained in respective department.

Remedial classes have to be more strictly monitored in order to make more students clear their back log arrears through such classes. Students final year projects should be more



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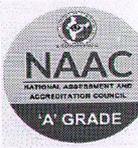
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Industry oriented. For student's internship, preference should be given for varying nature of core companies. Conference publications by student and faculty members need to be insisted more. Paper publications and Book Publications has to be increased to a higher level.



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