Minutes of the 7th Internal Quality Assurance Cell Meeting

The minutes of the 7th IQAC Meeting held on Saturday 17th September 2022, through offline mode for internal members and online platform for external members at Indra Ganesan College of Engineering Board room by 2.00 pm.

Members Present

S.No.	Name of the Member	Category	Role
1	Dr. V. S. Thangarasu, Principal	Chair Person	Head of the Institution
2	Mrs. Ramya N	Coordinator	Associate Professor, ECE
3	Er. Rajasekaran G	Management Representative	Secretary, IG Group
4	Dr. Balakrishnan G	Management Representative	Director, IG Group
5	Dr. Pandiarajan K	Member - EEE	Professor
6	Dr. Manivasaham A	Member – H & S	Associate Professor
7	Dr. Vaithiyanathan V	Member - Mech	Assistant Professor
8	Mr. Ramesh Babu R	Member - Mech	Assistant Professor
9	Mrs. Sugashini T	Member - CSE	Assistant Professor
10	Mrs. Vanisri K	Member - Civil	Assistant Professor
11	Mr. Kannapiran G	Member - Admin	Administrative Officer
12	Mrs. Dhanalaksmi N	Member- Library	Librarian
13	Mr. Muruganandam	Member – Physical Education	Physical Director
14	Mr. Velu J V	Member - T & P	Training & Placement Officer
15	Dr. Boobalan S	Member – Extension Activities	NSS Officer
16	Dr. Kavitha N	Member – Exam cell	Exam Cell Incharge
17	Mr. Venkatraman	Member- Local body	Local society
18	Ms. Logadipa S. P	Member - Student	IV year CSE -Female
19	Mr. Maria Francis D	Member - Alumni	2018-2022 Batch – ECE HCL Technologies
20	Mr.A Narayanan	Member - Industrialist	General Manager-HR, SRF Limited, Viralimalai
21	Er. Pavithra Shakthivel	Member - Employer	Acoustics Pvt Ltd, Trichy
22	Mr. Manikandan C	Member - Industrialist	Managing Director MACBRO Global Engineering Solutions, Erode

S.No.	Name of the Member	Category	Role
23	Mr. Aashik Rahman	Member - Employer	Founder & CEO Propeller Technologies, Trichy
24	Mr. Mohan Kumar V	Member - Stakeholder – Parents	G/o P.Divya Keerthan III CSE
25	Dr. Ramu M	Member -Stakeholder – Parents	F/o, Abhinaya R II Agri

Dr. N. Kavitha, Vice Principal/ Academic, Welcomed the internal & external members of IQAC and the following agenda items were discussed.

Mrs. N. Ramya, IQAC Coordinator, presented the Action taken report on the issues proposed in the 6th IQAC Meeting.

> ➢ All the third & final year students completed their internship.
> ➢ Separate Placement room was provided and mock GD & Interview were conducted, which in-turn helped the students to fetch better placement offers.
> ➢ 5 students and 5 faculty members completed NPTEL courses.
> ➢ Event list for the academic year was provided by IQAC.
> ➢ Workshop was shifted to the ground floor of Engineering block.
> ➢ The annexure block for Engineering is approved and construction of the same based on the requirements posed by Anna University & AICTE started. This block is expected to be fully functional in the following academic year.

Agenda of 7th IQAC Meeting:

IQAC suggested the following points for the continuous improvement of the institution.

1. Establishment of Specialized laboratory with 60 Nos of high specification computers for AIDS / PG & Research.
2. Two Centre of Excellence to be established – one in IT & one in Core discipline
3. National & International Conference with Journal Publication
4. Value Added Course mandatorily for all Students.
5. Incubation Centre establishment and support new project ideas of students.
6. Apply for NBA for 3 departments- IT, CSE & ECE
7. Multiple Choice Questions to be included in Internal Assessments to prepare the students for the competitive exams/ GATE exams.

8. Placement training & campus drives from reputed organizations with good salary package

9. Strengthening of R & D Activities – Funding schemes & Incentives for good R & D records & Sponsor for attending International/ National Conferences

10. Acquire NIRF Ranking, 12 B Status of AICTE which will build the reputation of the Institution & hence support admission.

11. Process for getting autonomous status, so that the curriculum, Syllabus can be modified to adopt to the industry requirements and include new skill based trainings.

12. ICT enabled Smart Class Rooms with Gallery type seating minimum, one per department may be arranged.

13. Five cents of land for green farming may be arranged within the campus for B.Tech Agricultural Engineering

14. New course like Biomedical Engineering/Medical Electronics/Robotics & Automation cam be opted for in the forth coming academic year by reducing the intake by 50 % for the courses with low admissions.

15. Latest equipment can be purchased in the PG & Research labs through funding from schemes like MODROBS.

16. Centralized library, to include more books on competitive exams and general topics.

17. Online books and materials to be increased in library and the students usage on online books and materials, can be increased through registration in NDL and other online platforms.

18. Enhancing the facilities for Entrepreneur Development Cell.

19. Improving the ambience of placement cell and well-furnished and equipped placement training room.

20. Physical Education hour can be utilized to practice yoga for the interested students.

21. Faculty participation in offline Training programs, Workshops, Seminars and one week FDPs to be improved.

22. Minimum 15 days of internship to be completed by all the students, which can give them the skills and make them job ready.

Mr. Aashik Rahman, Founder & CEO, Propeller Technologies, Trichy suggested the following points pertaining to in the agenda points 18, 22 & 9

Pt. no. 18: Enhancing EDC facilities.

- Students shall be motivated to take up Entrepreneurship than placements.
- The Government is providing grant for IIC, EDC & Incubator.

Pt. no. 22: Internship

- Internship provides an opportunity for the students to know the culture in the company/ Organization
- II & III year students can be provided with internship at Propeller Technologies on the 13 ongoing Research projects are taken up by ZAFI robots- A module of Propeller Technologies.
- He also appreciated that the three students presently working in Propeller Technologies are performing well and playing the lead role in the presently ongoing research projects.

Pt. no. 9: R & D

- Any research/project publication should be converted into product by collaborating with industries.

Alumni, Mr. Maria Francis 2018-2022 Batch of ECE insisted that all the projects should be completely in-house. Mr. Aashik Rahman, added that the problem statements can be provided by the concerned department itself.

Student members, Logadipa & Shereen Banu suggested that company specific placement training can be providing from II Year onwards. Mr. Aashik Rahman insisted that the students should be motivated to take part in Hackathons, as companies are recruiting through such events.

Dr. S. Boobalan, coordinator Extension Activities Cell, emphasized that a Health Centre should be functioning within the campus to provide medical facilities for the students.

Placement Coordinator, Mr. Velu explained the need for additional trainer for placement training.

Dr. K. Pandiarajan, Vice Principal/ Admin, emphasized that the faculty members can be grouped according to their specialization and research interest and work on funding proposals. He also added that one Research lab should be established in the campus, with the required system configuration & siftwares.

Dr. N. Kavitha, Vice Principal/ Academic, suggested that we can extend the library and internet facilities after 5.00 pm, so that the students and faculty members can utilize.

Faculty member, Dr. P. Vaithianathan, suggested that final year project should be started in 7th semester itself.

Mrs. K. Vanisri, HoD/ Agri, insisted on the strengthening of feedback system and satisfactory surveys.

Finally, Dr. K. Pandiarajan, VP/ Admin, thanked all the members for their active participation and their valuable suggestions.

Finally it is resolved that

- Phase-I of final year project will begin from 26.09.2022, and all the department shall provide problem statements of social relevance.

- During the eighth semester all the students will undergo internship.

➢ Faculty and Students will actively be involved in Entrepreneur Development and R & D Activities.

➢ Health Centre will be available in campus within 6 months.

➢ IQAC should regularly monitor the feedback system.

➢ Placement training is planned from II year onwards to all the students with support from organizations/ Companies.

➢ One PG/ Research lab with 60 computers, and higher system specifications and software will be available for use with 3 months.

➢ By Surrendering 50 % of seat in EEE & Mechanical, new course Bio-Medical Engineering will be started from 2023-2024 academic year.

➢ All students should complete value added/ certificate courses during each year of study, which is now mandated through Naan Mudhalvan Portal.

➢ Target is fixed to ensure the progress of faculty members in R & D activities as

Professors/ Doctorates   : 2 Journal Papers/ Year

    1 FDP in emerging technical area

    1 FDP in pedagogy/ Leadership

    Organize 1 FDP

    Try to get 1 Funding

Associate Professors   : 2 Journal Papers/ Year

    1 FDP in emerging technical area & 1 FDP in pedagogy (or) 2 FDPs on Technical topics

Assistant Professors   : 1 Journal/ Year

    2 FDPs on emerging technical area of interest/ specialization

➢ Institution will offer skill development courses through KARMA portal of AICTE, which will be monitored by SPOC, Dr. K. Pandiarajan, VP/ Admin.

➢ Additional tests in the form of multiple choice questions can be conducted as one per subject before model exam, which shall also be used for the internal mark calculation.

Mrs. N. RAMYA
IQAC Coordinator

Dr. V. S. THANGARASU
PRINCIPAL