



KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)

(Approved by AICTE| Affiliated to Anna University, Accredited by NBA (CSE, ECE, EEE & Mech) and NAAC)

Namakkal- Trichy Main Road, Thottiam, Tholurpatti, Tiruchirappalli – 621 215.

16th April 2025

Minutes of the Eleventh Academic Council Meeting

The Eleventh Academic Council meeting was held on 16th April 2025 at 11:00AM in the Board Room (Hybrid Mode). The Chairman of the Academic Council Dr. R. Asokan, Principal welcomed all the members of the council and the Member Secretary Dr. P. Arul proceeded as per the Agenda of the meeting.

Members Present:

S. No	Name of the Member	Category
1	Dr. R. Asokan, Principal, Kongunadu College of Engineering and Technology, Tiruchirappalli.	Chairman
2	Dr. A. Rajeswari, Principal Coimbatore Institute of Technology, Civil Aerodrome Post, Coimbatore – 641 014.	Member– Anna University Nominee
3	Dr. PJA Alphonse, Professor, Department of Computer Applications, National Institute of Technology, Tiruchirappalli – 620 015.	Member– Anna University Nominee
4	Dr. V. Geetha, Professor and Head, Department of Electrical & Electronics Engineering, Government College of Engineering, Salem - Bengaluru Highways, Salem – 636 011.	Member– Anna University Nominee
5	Dr. A.Ranganathan, Assistant Engineer / WRD, Special Project Division, Perundurai – 638052	Expert Member
6	Dr. M. Marikkannan, Associate Professor Department of Computer Science and Engineering, Government College of Engineering, (Formerly IRTT), Erode – 638 316	Expert Member

7	Dr. C. S. Boopathi, Associate Professor, Department of Electrical & Electronics Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai – 603 203	Expert Member
8	Er. Mugesh Kalaiarasan, Deputy Manager Ford India Pvt Ltd, Chennai.	Expert Member
9	Mr. T. Ashok, Associate Professor / BME	Head of the Department
10	Dr. S. Kavipriya, Professor / Civil	Head of the Department
11	Dr. C. Saravanabhavan, Professor / CSE	Head of the Department
12	Dr. M. Dharmalingam, Professor / ECE	Head of the Department
13	Dr. R. Shankar, Professor / EEE	Head of the Department
14	Dr. D. Jagadeesh, Associate Professor / Mech	Head of the Department
15	Dr. V. Gopinath Associate Professor/AGE	Head of the Department
16	Dr. K. Baskar Associate Professor/AI&DS	Head of the Department
17	Dr. K. Muthumanickam, Professor / IT	Head of the Department
18	Dr. K. Balasubramanian, Professor / S & H	Head of the Department
19	Dr. N. Karthikeyan, Professor / SH	Faculty Member
20	Dr. G. Saravanan, Associate Professor / Mech	Faculty Member
21	Dr. V. Krishnakumar, Assistant Professor / ECE	Faculty Member

22	Mr. M. Sakthivel, Assistant Professor / Civil	Faculty Member
23	Dr. J. Preetha Dean – Academic	IQAC- Coordinator
24	Dr. P. Arul, Professor / EEE & Controller of Examinations	Member Secretary

Item 11.01	To confirm the minutes of Tenth Academic Council meeting held on 19.10.2024
Resolution	Resolved to confirm the Minutes of Tenth Academic Council Meeting
Item 11.02	To discuss and Approve the Minutes of Board of Studies Meetings A brief summary of all department BoS minutes conducted after the Tenth Academic Council Meeting. • The updated curriculum for III to VIII semesters and syllabus of IV semester of all UG Programmes offered under new regulation R2024 have been discussed and approved • The NPTEL courses successfully completed and applied for credit transfer by students have been approved. • The Value Added Courses successfully completed and informed for eligibility to award the degree have been approved. • Panel of Examiners for the Examination Activities have been discussed and approved Biomedical Engineering • The courses discussed and approved are • 24BM401 – Biomedical Instrumentation • 24BM402 – Sensors and Measurements • 24BM403 – Biocontrol Systems • 24BM405L - Biomedical Instrumentation Laboratory Civil Engineering • The Courses discussed and approved are • 24CE401-Strength of Materials-II • 24CE402-Applied Hydraulic Engineering • 24CE403-Soil Mechanics • 24CE404-Construction Techniques, Equipments and Practice • 24CE405L-Strength of Materials Laboratory

- 24CE406L-Hydraulic Engineering Laboratory
- 24CE407L-Survey Camp (2 Weeks - During III Semester)

- Valued Added Courses have been approved.

- VACCE15 – Tekla Structures

Computer Science and Engineering

- The Courses discussed and approved are
 - 24CS401 - Computer Networks
 - 24CS402 - Design and Analysis of Algorithms
 - 24CS403L - Networks Laboratory

Electronics and Communication Engineering

- The course offered to other departments have been discussed and approved are
 - 24EC406 – Analog and Digital Integrated Circuits (ECE & BME)
 - 24EC407 – Analog and Digital Integrated Circuits Laboratory (ECE & BME)
 - 24EC408 – Sensors and Transducers (AgE)
 - 24EC411L – Linear and Digital Circuits Laboratory (EEE)
- The Courses discussed and approved for ECE Department are
 - 24EC401 – Microprocessors and Microcontrollers
 - 24EC402 – Linear Integrated Circuits and Applications
 - 24EC403 – Analog and Digital Communication
 - 24EC404L – Microprocessors and Microcontrollers Laboratory
 - 24EC405L – Integrated Circuits Laboratory

Electrical and Electronics Engineering

- The Courses discussed and approved are
 - 24EE401 - Synchronous and Induction Machines
 - 24EE402 - Control Systems
 - 24EE403 – Transmission and Distribution
 - 24EE404L - Synchronous and Induction Machines Laboratory
- Valued Added Courses have been approved.
- VACEE15 – Electrical Design in REVIT MEP
- The members advised to include the latest year of publication with reprint version of Reference and Text books
- The R2024 - Mini Project-I & II, Evaluation Scheme have been approved.

Mechanical Engineering

- The Courses discussed and approved are
 - 24ME401 - Mechanics of Materials
 - 24ME402 - Engineering Materials and Metallurgy
 - 24ME403 - Kinematics of Machinery
 - 24ME404 - Conventional and Modern Machining Process
 - 24ME405L - Mechanics of Materials and Metallurgy Laboratory
 - 24ME406L - Manufacturing Technology Laboratory
- NPTEL Equivalent Courses ID – Revision have been approved
- The changes in the list of courses for the verticals framed for professional elective courses and for awarding B.E / B.Tech (Honours), B.E / B.Tech Minor in other specializations for UG Degree Programme under R2024.
- “Computer Integrated Manufacturing Systems” changed as “Computer Integrated Manufacturing”.
- The following courses were replaced with new courses

Existing Courses	Replaced Courses
Design of X	Product Design and Manufacturing
Lean Manufacturing	Advanced Machining Processes
Corrosion / Environmental Degradation / Surface Engineering	Carbon Materials and Manufacturing
Fundamentals of Composite and Cellular Materials	Material Characterization
Thermal Management of Batteries and Fuel Cells	AI in Human Resource Management
Theory of Fire Propagation	Failure Analysis and Prevention
Carbon Footprint Estimation and Reduction Techniques	Bulk Material Transport and Handling Systems

Agricultural Engineering

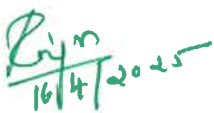
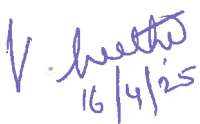
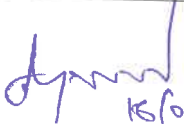
- The Courses discussed and approved are
 - 24AG401 - Strength of Materials for Agricultural Engineering

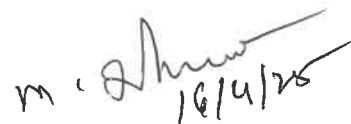
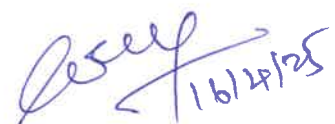
	• 24AG402 - Tractors and Farm Engines • 24AG403 - Design of Basic Machine Elements • 24AG404 - Soil Science and Engineering • 24AG405L - Strength of Materials Laboratory • 24AG406L - Soil Science and Engineering Laboratory • Valued Added Courses have been approved. • VACAG05 – Solid works for Agricultural Engineering Artificial Intelligence and Data Science • The Courses discussed and approved are • 24AD401-Artificial Intelligence • 24AD402-Big Data Analytics • 24AD403L-Big Data Analytics laboratory • 24AD404L-Artificial Intelligence laboratory • Valued Added Courses have been approved. • VACAD04 – Generative AI and Agentic AI • Board Members recommended to ensure the availability of the latest editions in the Textbooks. Information Technology • The courses offered to other department have been discussed and approved are • 24IT301- Principles of Software Engineering (IT) • 24IT302 - Data Structures Using C++ (ECE) • 24IT303L - Data Structures Using C++ Laboratory (ECE) • The Courses discussed and approved for IT Department are • 24IT401 Database Design and Management. • 24IT402L Database Design and Management Laboratory. • Valued Added Courses have been approved. • VACIT10 - Exploring IDE and Open Source tools for Cyber Security • VACIT11 - Advanced Cyber Security through Penetration Testing • VACIT12 - Cyber Security Essentials • Board Members recommended to add Text books with latest edition or revision.
Resolution	Resolved to Approve the minutes of the Board of Studies meetings.

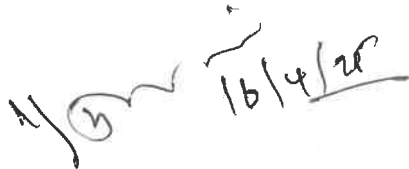
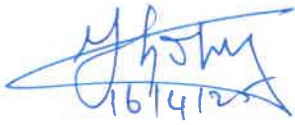
Item 11.03	To review the Academic Performance of students The end semester examination results of 2024-25/Odd Semester are presented to the council.
Resolution	Noted and recorded the Academic Performance of students.
Item 11.04	To Approve the Academic Calendar for the UG and PG Programmes for the Academic Year 2024-2025/Even Semester.
Resolution	Resolved to approve the Academic Calendar for both UG and PG Programmes for the Academic Year 2024-2025/Even Semester.
Item 11.05	To review the Co-curricular and Extra Curricular Activities of students The details of Club activities, Value Added Courses, Internship as part of Co-curricular activities was presented to the council members. • Students Participation – Co-curricular activities: ▪ Students have won prizes in Paper Presentation / Project / Technical Events / Seminar / Workshop / Competitions, ▪ Value Added courses attended, Internships, NPTEL Certifications • Students Participation – Extra-curricular activities: Students have actively participated in the activities organized/conducted by Anna University Zonal such as Outdoor games, Football, Kabaddi, Badminton, Cricket, Basketball, Volleyball, Table Tennis & Tennis along with Anna University Inter Zonal Athlete events.
Resolution	The council noted and recorded the achievements
Item 11.06	To review the Professional Enrichment Activities of the Faculty – Publications / FDP / STTP / Conference / Workshop / Seminar / NPTEL for 2024-25/Odd Semester. The department wise details of Faculty Publications, Incentives for the articles published in SCI/SCIE indexed journals, Conferences, Workshops, Seminars, FDP, STTP and NPTEL courses attended and successfully completed by the faculty members was presented to the council members
Resolution	The members noted and recorded the achievements
Item 11.07	To review the Sponsored Research and Patent Details for 2024-25/Odd Semester. The Sponsored Research, and Patents filed during 2024-25/Odd Semester was presented to the council members. • Sponsored Research: ▪ Received funds worth Rs.3,00,000/= from various funding agencies

	during the Academic Year 2024-2025. • Patents filed: 5 Patents were filed and 2 Patents were granted during the Academic Year 2024-2025.
Resolution	The council noted and recorded the achievements
Item 11.08	Industrial Collaborations MoU signed with the industries in the various departments were presented to the council members
Resolution	The council noted and recorded the activities.
Item 11.09	Other discussion • Council suggested to prioritize the date of interview by the industry based on the salary, so that creamy layer students may get the offer and gives way to the other students. If a student has more number of offers and didn't join the company means the company will loose the goodwill the institution in the following years • Member congratulated the Action Taken Report of the previous Academic Council meeting • Member suggested to think of introduce a one credit course on Social responsibility, since this seems to be the need of the hour for this generation of students • Council suggested to implement holistic education which may cover Human Values and Responsibilities, SDGs and reduction of e-waste/waste • Member congratulated the improvement in the First Year results • Member of the council suggested to introduce Professional Enrichment activities by implementing Flipped Classroom methodology, Collaborative learning, Enquiry based learning and Peer learning amongst students • Member appreciated the overall growth of the institution and the Alternative energy source "Solar Plant" • The progress of the Institutional Development Plan (IDP) for the academic year 2024–25 was reviewed and monitored

Finally, the meeting was concluded with a Vote of Thanks by Dr P Arul, Controller of Examinations/Member Secretary – Academic Council.

S. No	Name of the Member	Signature
1.	Dr.R.Asokan, Chairman	 16/4
2.	Dr.A.Rajeswari, Member- Anna University Nominee	 16/4/2025
3.	Dr. PJA Alphonse, Member - Anna University Nominee	 16/04/2025
4.	Dr.V.Geetha, Member - Anna University Nominee	 16/4/25
5.	Dr.A.Ranganathan, Expert Member	 16/04/2025
6.	Dr.M.Marikkannan, Expert Member	 16/04/25
7.	Dr.C.S.Boopathi, Expert Member	 16/04/2025
8.	Er.Mugesh Kalaiarasan, Expert Member	 16/04/25

9.	Mr.T.Ashok HoD/ BME	 16/4/25
10.	Dr.S.Kavipriya HoD/ Civil	 16/4/25
11.	Dr.C.Saravanabhavan HoD/ CSE	 16/4/25
12.	Dr.M.Dharmalingam HoD / ECE	 16/4/25
13.	Dr.R.Shankar HoD/ EEE	 16/4/25
14.	Dr.D.Jagadeesh HoD/ Mech.	 16/4/25
15.	Dr.V.Gopinath HoD/ AGE	 16/4/25
16.	Dr.K.Baskar HoD/ AI&DS	 16/4/25
17.	Dr.K.Muthumanickam HoD/ IT	 16/4/25

18.	Dr.K.Balasubramanian HoD/ S&H	 16/4/25
19.	Dr.N.Karthikeyan Professor / S&H	 16/4/25
20.	Dr.G.Saravanan Associate Professor / Mech.	 16/4/25
21.	Dr.V.Krishnakumar Assistant Professor / ECE	 16/4/2025
22.	Mr.M.Sakthivel Assistant Professor / Civil	 16/4/2025
23.	Dr.J.Preetha Dean – Academics & IQAC- Coordinator	 16/4/25
24.	Dr.P.Arul, Professor / EEE, CoE & Member Secretary	 16/4/25.


Chairman
Academic Council