



KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)

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

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

20th April 2023

Minutes of the Seventh Academic Council Meeting

The Seventh Academic Council meeting was held on 20th April 2023 at 11:30AM in 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.

Dr.A.Rajeswari – Principal, CIT- Coimbatore and Dr.C.S.Boopathi, ASP /EEE - SRMIST-Chennai have attended the meeting through the online mode.

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, Research Associate / PWD, Irrigation Management Training Institute, No. 1203, Thuvakudi, Tiruchirappalli – 620 015	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	Mr.N.Premkumar, Associate Professor / IT	Head of the Department
18	Dr.K.Balasubramanian, Professor / S & H	Head of the Department
19	Dr.K.Muthumanickam, Professor / IT	Faculty Member
20	Dr.G.Saravanan, Associate Professor / Mech	Faculty Member
21	Mr.V.Krishnakumar, Assistant Professor / ECE	Faculty Member
22	Mr.M.Sakthivel, Assistant Professor / Civil	Faculty Member
23	Dr.P.Arul, Professor / EEE & Controller of Examinations	Member Secretary

Item 7.01	To confirm the minutes of Sixth Academic Council meeting held on 29.06.2022
Resolution	Resolved to confirm the Minutes of Sixth Academic Council Meeting
Item 7.02	To review the Admission Status for the Academic Year 2022-23 The sanctioned intake and admitted students details in the UG and PG programmes are presented to the council.
Resolution	Resolved to approve Admission Status for the Academic Year 2022-23.
Item 7.03	To discuss and Approve the Minutes of Board of Studies Meetings A brief summary of all department BoS minutes conducted during the Academic Year 2022-23. Biomedical Engineering • Hospital Training scheduled in the 6th Semester vacation is approved. • The members suggested to permit students to undergo Biomedical related training in Industries and R&D Sectors instead of strictly adhering to Hospitals only for the course Hospital Training. • Member suggested looking into the possibilities of doing Problem Based Learning Approach in Biomedical Instrumentation Laboratory course • Member suggested to encourage the students to do internships in the Start-up companies. Civil Engineering • The syllabus of the following courses has been modified as per the members suggestion ▪ 20CE709PE -Irrigation and Environmental Engineering Design and Drawing ▪ 20CE707PE-Traffic Engineering and Management ▪ 20CE810PE -Construction Planning and Scheduling ▪ 20CE803PE- Municipal Solid Waste Management Computer Science and Engineering • As per the Anna University circular, mandatory Elective Course entitled, “Professional Readiness for Innovation, Employability and Entrepreneurship” is offered in the place of a 3-credit Professional Elective in the 7th semester is approved. • The syllabus of the following courses has been modified as per the members suggestion

- 20CS602 – Compiler Design
- 20CS701 – Cloud Computing
- 20CS702L – Cloud Computing Laboratory
- 20CS704PE – Soft Computing
- 20CS801PE – Software Project Management

Electronics and Communication Engineering

- As per the Anna University circular, mandatory Elective Course entitled, “Professional Readiness for Innovation, Employability and Entrepreneurship” is offered in place of a 3-credit Professional Elective in the 7th semester is approved.
- The syllabus of the following courses has been modified as per the members suggestion
 - 20EC602 –VLSI Design
 - 20EC701PE-IoT for System Design
 - 20EC603L-VLSI Design
- The name of the practical course has been changed as “Microwave Engineering and Optical Communication laboratory” in lieu of “Microwave and Optical Communication laboratory”.
- The following courses were approved for the new programme in B.Tech.(Agricultural Engineering)
 - 20EC701 - Embedded and Real-Time Systems
 - 20EC703L - Embedded Laboratory
 - 20EC606 - IoT in Agricultural Engineering
 - 20EC607L - Internet of Things Laboratory
 - 20EC407L - Sensors and Transducers Laboratory

Electrical and Electronics Engineering

- The changes in curriculum was approved by the board
 - The course “20EE705PE – Static Relays” is included in Professional Elective IV in lieu of “20EE802PE High Voltage Engineering”
 - The course “20EE706PE – Flexible AC Transmission Systems” is included in Professional Elective IV in lieu of “20EE703 – Control of Electrical Drives”
 - “20EE802PE – High Voltage Engineering ” is moved from Professional Elective V to the Professional Core of VII Semester with the course code of 20EE703
 - The professional core course “20MG701 – Total Quality Management ” is shifted to Professional Elective IV

- The syllabus of the following courses has been modified as per the members suggestion
 - 20EE601 – Power System Operation and Control
 - 20EE602 – Protection and Switchgear
 - 20EE702L – Embedded Systems & Industrial Automation Laboratory

Mechanical Engineering

- The syllabus of the following courses has been modified as per the members suggestion
 - 20ME805PE – Maintenance Engineering
 - 20MG802PE – Engineering Economics

Artificial Intelligence and Data Science

- The interchange of the courses “Software Testing” in Professional Elective II and “Computer Graphics and Multimedia” in Professional Elective III were approved..
- The syllabus discussed for Seventh and Eighth semester courses were approved.
- The equivalent NPTEL course syllabus were resolved to approve.
 - 20CS701PE – Software Testing
 - 20AD703PE – Social Network Analysis
 - 20AD804PE – Cyber Security
 - 20AD809PE – Digital Forensics
- The Open Elective courses offered to other department were approved.
 - Open Elective I
 - 20AD601OE – Machine Learning
 - 20AD602OE – Cloud Computing and its Applications
 - 20AD603OE – Software Development Process
 - Open Elective II
 - 20AD701OE – Introduction to Artificial Intelligence
 - 20AD702OE – Deep Learning Techniques
 - 20AD703OE – Big Data Management

Agricultural Engineering

- The course name and course code has been changed from “20CE506L-Geotechnical Engineering Laboratory” to “20AG405L-Soil Science Laboratory” in Fourth semester were approved.

- The updated curriculum and syllabi are approved with addition of professional elective courses
 - Occupational Safety and Health in Agriculture
 - Seed Processing Technology
 - Ergonomics and Safety in Agriculture Engineering
- The syllabus of seventh and eighth semester courses with Professional Elective III, IV, V & VI were approved.
- The equivalent NPTEL course syllabus were approved.
 - 20AG603 - Soil and Water Conservation Engineering
 - 20AG701PE - Micro Irrigation Engineering
 - 20AG709PE - Novel Technologies for Food Processing and Shelf Life Extension
 - 20AG806PE - Soil Fertility and Fertilizers
- The list of Open Elective courses offered to other departments was approved.
 - 20AG501OE - Basics of Agriculture Engineering
 - 20AG502OE - Farm Machinery
 - 20AG701OE - Introduction to Organic Farming
 - 20AG702OE - Green House Technology
- The Value Added Courses offered are reviewed and approved
 - VACAG01 – Hands on training on Mushroom Cultivation
 - VACAG02 – CAD for Agricultural Engineering

Information Technology

- As per the Anna University circular, mandatory Elective Course entitled, “Professional Readiness for Innovation, Employability and Entrepreneurship” is offered in place of a 3-credit Professional Elective in the 7th semester is approved.
- Due to the Experiential Project Based Learning course, the course “20IT601 – Artificial Intelligence” moved to Professional Elective I is approved
- The syllabus of the following courses has been modified as per the members suggestion
 - 20CS701 – Cloud Computing
 - 20CS702L – Cloud Computing Laboratory
 - 20CS704PE – Soft Computing

The common points discussed in all Board of Studies are

- The panel of Experts for the End semester Examinations are

	approved. • The list of equipments for the practical courses were reviewed and approved. • The scheme of evaluation for the Mini Project and Final Semester Project were approved. • The members suggested that the marks obtained in the NPTEL courses will be normalized and the corresponding letter grade will be offered to the students who cleared the equivalent NPTEL courses instead of Professional Elective Courses
Resolution	Resolved to Approve the BoS minutes of the respective boards.
Item 7.04	To Approve the New Expert Members for the Board of Studies of the listed departments
Resolution	Civil Engineering ➤ Dr.S.Marisaminathan, Assistant Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli. ➤ Dr.K.S.Satyanarayanan, Professor, Structural Engineering, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai. Computer Science and Engineering ➤ Dr.G.Padmapriya Associate Professor, Department of Computing Technologies, SRM Institute of Science and Technology , Kattankulathur, Chennai. ➤ Dr.J.Vellingiri, Assistant Professor(Senior), School of Information Technology and Engineering, Vellore Institute of Technology, Vellore.

Electrical and Electronics Engineering

- **Dr.M.Sudhakaran**
Professor,
Department of Electrical and Electronics Engineering,
Puducherry Technological University, Pondicherry.
- **Dr.T.K.Santhosh,**
Assistant Professor-III,
School of Electrical and Electronics Engineering,
SASTRA-Deemed to be University, Thanjavur.

Electronics and Communication Engineering

- **Dr.V.Nithish Kumar**
Associate Professor,
School of Electronics ,
Vellore Institute of Technology, Vellore.
- **Dr.T.Rajalakshmi,**
Associate Professor,
Department of Electronics and Communication Engineering,
SRM Institute of Science and Technology , Kattankulathur, Chennai.

Mechanical Engineering

- **Dr.A.Mathivanan**
Associate Professor,
Department of Mechanical Engineering,
SRM Institute of Science and Technology, Ramapuram, Chennai.
- **Dr.V.Anandakrishnan**
Professor,
Department of Production Engineering,
National Institute of Technology, Tiruchirappalli

Artificial Intelligence and Data Science

- **Dr.P.Suresh**
Associate Professor,
Department of Database Systems,
School of Computer Science and Engineering,
Vellore Institute of Technology, Vellore.
- **Dr.G.Revathy**
Associate Professor,
School of computing,
SASTRA Deemed University, Thanjavur

Agricultural Engineering

- **Dr.B.Suthakar**
Associate Professor,
Department of Farm Machinery and Power Engineering,
Agricultural College & Research Institute,
Tamilnadu Agricultural University, Tiruchirappalli.
- Dr.S.Periyar Selvam**
Associate Professor,
Department of Food Process Engineering,
SRM Institute of Science and Technology, Chennai

Information Technology

- **Dr.N.Thillaiarasu**
Associate Professor
School of Computing and Information Technology
REVA University, Bangalore, Karnataka
- **Dr.S.P.Syed Ibrahim**
Professor (Grade II),
School of Computer Science and Engineering,
Vellore Institute of Technology , Chennai Campus.

	Science and Humanities – Chemistry ➤ Dr. S. Anandan Professor Department of Chemistry National Institute of Technology Trichy- 620015 Science and Humanities – English ➤ Dr. M. Vijayakumar Assistant Professor (Senior Grade) Department of English, School of Social Sciences and Languages (SSL), Vellore Institute of Technology, Vellore. Science and Humanities – Mathematics ➤ Dr.T.V.G.Shriprakash Assistant Professor, Department of Mathematics, SASTRA University, Thanjavur. Science and Humanities – Physics ➤ Dr. A. Nataraj Assistant Professor (S.G), Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Resolved to approve the New Nomination of Expert Members for various Board of Studies
Resolution	Approval for the New Expert Members for various Board of Studies.
Item 7.05	To Approve the Changes in Autonomous Regulations KNCET-UGR2020. The changes in the Regulations as per the circular from Anna University are presented to the Council. • Experiential Project Based Learning Initiative

- Reference: The Director, Centre for Academic Courses, Letter No. 3769/AU/CAC/2022 dated 03.06.2022
- The EEC Category, Mandatory Elective Course entitled, “Professional Readiness for Innovation, Employability and Entrepreneurship”, is offered in place of a 3-credit Professional Elective course for all the 7th semester students (of B.E.(CSE & ECE), B.Tech.(IT)).

• **NPTEL equivalent course - Grading System**

- Reference: The Director, Centre for Academic Courses, Letter No. 364/AU/CAC/MCA-BC/2021 dated 06.02.2021
- If a student pass the course as evaluated by the NPTEL offering the course, the absolute grading system shall be followed and the grades shall be decided as follows.

Letter Grade	Marks
O	88 – 100
A+	76 – 87
A	64 – 75
B+	52 – 63
B	40 – 51

• **Tamil Courses**

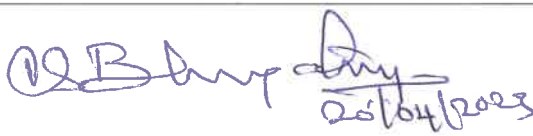
- Reference: The Registrar, Anna University, Letter No. 618/CAC/TC/2023 dated 01.03.2023
- Offer the one credit Tamil Courses
 1. தமிழர் மரபு /Heritage of Tamils in semester II for the 2022-23 and semester I from the batch 2023-24 onwards
 2. தமிழரும் தொழில்நுட்பமும் /Tamils and Technology in semester III for the 2022-23 and semester II from the batch 2023-24 onwards

• **B.E. / B.Tech. (Honours) & (Minor)**

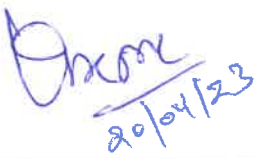
- Based on the guidelines provided by Anna University, implementation of the following for the students admitted from Academic Year 2021-22 onwards.
 - B.E. / B.Tech. (Honours) in the same discipline
 - B.E. / B.Tech. Minor in other specialization and
 - B.E. / B.Tech (Honours)
- The norms for the regulations regarding the award of B.E. / B.Tech. (Honours) in the same discipline, B.E. / B.Tech. Minor in other specialization and B.E. / B.Tech (Honours) are adopted in the regulation KNCET-UGR2020. This can be offered to those students who opt for it and also eligible for the same.

Resolution	Approved the changes in the Autonomous Regulations KNCET-UGR2020.
Item 7.06	To review the Academic Performance of students The end semester examination results of. 2021-22/Even Semester and 2022-23/Odd Semester are presented to the council.
Resolution	Noted and recorded the Academic Performance of students.
Item 7.07	To review the Placement Details for the Academic Year 2022-23 The Placement details for the Academic Year 2022-2023 are presented to the council, A total of 99.39% placed students details was presented to the council members.
Resolution	Noted and recorded the placement details.
Item 7.08	To Approve the Academic Calendar for the UG and PG Programmes for the Academic Year 2022-2023/ Even Semester.
Resolution	Resolved to approve the Academic Calendar for both the UG and PG Programmes for the Academic Year 2022-2023/Even Semester.
Item 7.09	Other discussion
	The council congratulates the following Achievements, • All the members appreciated the presentation about the academic achievements, placement. Suggestions • Member of the council suggested three internal assessments and take best two out of the three to give provision for the slow learners. • Member expected the details of the industrial collaborations may be presented to the council. • Student's achievements in cocurricular and extracurricular activities may be presented to the council. • Member suggested to have the internal assessment II before the third Class Committee meeting. • Department wise rubrics for project evaluation can be worked out as suggested by the member. • Students may be encouraged to undergo peer group learning.

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	 20/4/23
2.	Dr.A.Rajeswari, Member- Anna University Nominee	
3.	Dr. PJA Alphonse, Member- Anna University Nominee	 20/04/23
4.	Dr.V.Geetha, Member- Anna University Nominee	 20/4/23
5.	Dr.A.Ranganathan, Expert Member	 20/04/2023
6.	Dr.M.Marikkannan, Expert Member	 20/04/23
7.	Dr.C.S.Boopathi, Expert Member	 20/04/2023
8.	Er.Mugesh Kalaiarasan, Expert Member	 20/04/23
9.	Mr.T.Ashok HoD/BME	 20/04/23

10.	Dr.S.Kavipriya HoD/Civil	 20/4/23
11.	Dr.C.Saravanabhavan HoD/CSE	 20/04/23
12.	Dr.M.Dharmalingam HoD /ECE	
13.	Dr.R.Shankar HoD/ EEE	
14.	Dr.D.Jagadeesh HoD/ Mech	 20/04/23
15.	Dr.V.Gopinath HoD/ AGE	
16.	Dr.K.Baskar HoD/ AI&DS	
17.	Mr.N.Premkumar HoD/ IT	

18.	Dr.K.Balasubramanian HoD/ S&H	 20/4/23
19.	Dr.K.Muthumanickam Professor / IT	 20/04/23
20.	Dr.G.Saravanan Associate Professor / Mech	 20/4/23
21	Mr.V.Krishnakumar Assistant Professor / ECE	 20/4/2023
22	Mr.M.Sakthivel Assistant Professor / Civil	
23	Dr.P.Arul, Professor / EEE, CoE & Member Secretary	 20/4/2023


Chairman
Academic Council