



**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.

16th December 2021

Minutes of the Fifth Academic Council Meeting

The Fifth Academic Council meeting was held on 16th December 2021 through online mode in Zoom app at 11:00AM. The Chairman of the Academic Council Dr R Asokan, Principal welcomed all the members of the council and proceeded as per the Agenda of the meeting.

Members Present:

S. No	Name of the Member	Category
1	Dr.R.Asokan, The Principal, Kongunadu College of Engineering and Technology, Tiruchirappalli.	Chairman
2	Prof.C.R.Muthukrishnan, Former Deputy Director Department of Computer Science and Engineering, IIT Madras, Chennai – 600 036.	Member– Anna University Nominee
3	Dr.K.Sankaran, Former Professor, Department of Biotechnology, ACT Campus, Anna University, Chennai – 600 025.	Member– Anna University Nominee
4	Dr.A.Selvaraj, CEO and Chief Facilitator, Jeyarekha Industries, Madurai – 625 012.	Member– Anna University Nominee
5	Dr.R.Krishnamoorthy, Professor / IT, University College of Engineering, BIT Campus, Anna University, Tiruchirappalli.	Expert Member
6	Dr.P.Palanisamy, Professor / ECE National Institute of Technology, Tiruchirappalli.	Expert Member

7	Mr.V.Muruganandam, The General Manager, Communication Navigation & Surveillance, Airport Authority of India, Chennai.	Expert Member
8	Mr.V.Ramachandran, The General Manager (Technical), Kothari Sugars & Chemicals Limited, Kattur, Lalgudi, Tiruchirapalli.	Expert Member
9	Dr.V.Gopinath Associate Professor/AGE	Head of the Department
10	Dr.K.Baskar Associate Professor/AI&DS	Head of the Department
11	Dr.S.Kavipriya, Professor / Civil	Head of the Department
12	Dr.C.Saravanabhavan, Professor / CSE	Head of the Department
13	Dr.M.Dharmalingam, Professor / ECE	Head of the Department
14	Dr.R.Shankar, Professor / EEE	Head of the Department
15	Mr.N.Premkumar, Associate Professor / IT	Head of the Department
16	Dr.D.Jagadeesh, Associate Professor / Mech	Head of the Department
17	Dr.K.Balasubramanian, Professor / S & H	Head of the Department
18	Mr.T.Ashok, Associate Professor / BME	Head of the Department
19	Dr.S.Gobinath, Professor / Mech	Faculty Member
20	Dr. K. Amudha, Associate Professor / ECE	Faculty Member
21	Dr.A.Nithya, Associate Professor / Mech	Faculty Member
22	Mr.C.Radhakrishnan, Assistant Professor / CSE	Faculty Member
23	Dr.P.Arul, Professor / EEE & Controller of Examinations	Member Secretary

Item 5.01	To confirm the minutes of Fourth Academic Council meeting held on 16.04.2021
Resolution	Resolved to confirm the Minutes of Fourth Academic Council Meeting
Item 5.02	To Approve the Nominee for the Board of Studies Subject Expert - Agriculture Engineering Dr.P.K.Padmanathan, Assistant Professor, Department of Form Machinery and Power Engineering, Agricultural Engineering College and Research Institute, Tamilnadu Agricultural University, Tiruchirappalli Dr.D.Selvakumar, Assistant Professor, Department of Agricultural Science, SRM Institute of Science and Technology, Kattankulathur, Chennai Subject Expert - Artificial Intelligence and Data Science Dr.RA.K. Saravanaguru, Associate Professor, School of Computer science and Engineering, Vellore Institute of technology, Vellore Dr.S.Ramamoorthy, Associate Professor, Computing Technologies School of Computing, SRM Institute of Science and Technology, Kattankulathur, Chennai
Resolution	Resolved to Approve the BoS members of Agriculture Engineering, Artificial Intelligence and Data Science.

Item 5.03	To Approve the Changes in Autonomous Regulations KNCET-UGR2020 and KNCET-PGR2020. Principal presented the few changes in the UG and PG Regulations.
Resolution	Approved the changes in the Autonomous Regulations KNCET-UGR2020 and KNCET-PGR2020.
Item 5.04	To Ratify and Approve the Examination modalities of Academic year 2020-21(Even semester): Approval of exam modalities for the Eighth semester (Anna University, R2017) Ref: Letter No: 2532/AU/CAC/ESE-N/Dec2020 dated 29.10.2020 & Letter No: 1237/AU/CAC/ESE-Even Sem/2021 dated 17.04.2021 Theory Courses (UG): • The duration of the Online Examination is 1 Hour. • Total marks allocated is 60, which is normalized to 100 marks, consisting of Part A for 30 marks (30 one marks questions – Remembrance / Understanding type); Part B for 30 marks (15 two mark questions – Analytical type). Both Part A and Part B are of MCQ pattern. • The Passing Requirements and the weightage assigned are as per the Regulations. Evaluation of Project Work (UG): • The evaluation for the Project Work is carried out as per the Regulations through PHYSICAL mode. Approval of exam modalities for the Fourth, Sixth semesters and Arrear Examinations(of All semesters) (Anna University, R2017) & Arrear Examinations(of All semesters) (Anna University, R2013). Ref: Letter No: 19707/CoE/C10/2021 dated 02.06.2021

	Theory Courses (UG): • The mode of examination is take home and the duration of the examination is 3 hours. • The pattern of Question paper is same as the one that was followed before the COVID-19 pandemic (offline, pen & paper examination). • The Passing requirements and the weightage assigned are as per the Regulations. Evaluation of Practical Examinations (UG & PG): • The evaluation for the Practical Examinations (UG-R2017) is carried out as per the Regulations through ONLINE mode. • The evaluation for the Project Work Phase II (PG-R2017) is carried out as per the Regulations through PHYSICAL mode. Approval of exam modalities for the Second Semester and Arrear Examinations of UG (KNCET-UGR2020) & PG(KNCET-PGR2020) Theory Courses (UG): • The duration of the Online Examination is 1 hour. • Total marks allocated is 60, which is normalized to 100 marks, consisting of Part A for 30 marks (30 one marks questions – Remembrance / Understanding type); Part B for 30 marks (15 two mark questions – Analytical type). Both Part A and Part B are of MCQ pattern. • The Passing Requirements and the weightage assigned are as per the Regulations. Evaluation of Practical Examinations (UG): • The evaluation for the Practical Examinations is carried out as per the Regulations through ONLINE mode. Theory and Practical Courses (PG): • Examinations conducted as per the Regulations through Physical mode.
Resolution	Approved the exam modalities for the Academic year 2020-21(Even semester)

Item 5.05	To discuss and Approve the Minutes of Board of Studies Meetings The Chairman of the council presented a brief summary of all department BoS minutes to the members For the departments of Biomedical, Civil, Computer Science, Electrical and Electronics, Electronics and Communication, Mechanical Engineering and Information Technology, • The updated curriculum upto eighth semester was approved. • Sixth, Seventh and Eighth semester syllabus were discussed and got approved. For the departments of Artificial Intelligence and Data Science and Agriculture Engineering, • The curriculum of first to eighth semester was approved. • Syllabus upto fourth semester was discussed and got approved. Department wise list of Open Electives offered to other departments: • Biomedical Engineering ➤ Bioinformatics ➤ Fundamentals of Nutrition • Electrical and Electronics Engineering ➤ Energy Storage Systems ➤ Electrical Safety Engineering Department wise list of approved NPTEL equivalent courses: • Biomedical Engineering ➤ Drug Delivery: Principles and Engineering ➤ Introduction to Wireless and Cellular Communication ➤ Artificial Intelligence: Search Methods for Problem Solving ➤ Microelectronics: Devices to Circuits ➤ Enclosure Design of Electronics
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- **Civil Engineering**
 - Rock Engineering
 - Modern Construction Materials
 - Fire Protection Services and Maintenance Management of Building
 - Municipal Solid Waste Management
 - Maintenance and Repair of Concrete Structures
- **Computer Science and Engineering**
 - An Introduction to Artificial Intelligence
 - Introduction to Machine Learning
 - Software Testing
 - Deep Learning
- **Electrical and Electronics Engineering**
 - Solar Energy Engineering and technology
 - Industrial Safety Engineering
 - Biomass Conversion and Bio-refinery
 - Design of Photovoltaic Systems
 - DC Power Transmission System
- **Electronics and Communication Engineering**
 - Computer Architecture and Organization
 - Introduction to wireless and Cellular Communication
 - Sensors and Actuators
 - Software Testing
 - Enclosure Design of Electronics
- **Mechanical Engineering**
 - Oil Hydraulics and Pneumatics
 - Elements of Solar Energy Conversion
 - Rapid Manufacturing
 - Entrepreneurship Essentials
 - Explosions and Safety
- **Information Technology**
 - Software Testing
 - Compiler Design
 - Introduction to Internet of Things
 - Introduction to Machine Learning
 - Deep Learning

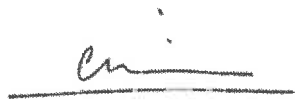
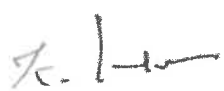
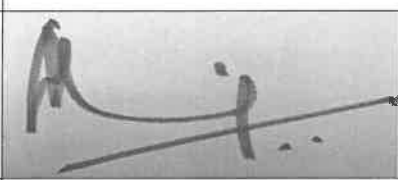
	• Mandatory Courses • A 3 credit mandatory course titled “Universal Human Values 2: Understanding Harmony” is being offered to the students as follows ➤ B.E.(AGE) – Third Semester. ➤ B.E.(AI&DS) – Fifth Semester. ➤ M.E.(Applied Electronics & Computer Science and Engineering) – Third Semester • A non-credit mandatory course titled “Constitution of India” is being offered to the students as follows ➤ B.E.(AGE) – Fourth Semester ➤ B.E.(AI&DS) – Fourth Semester
Resolution	Resolved to approve the BoS minutes of the respective boards.
Item 5.06	To Approve the Academic Calendar for the UG and PG Programmes of the Academic Year 2021-2022/ Odd Semester.
Resolution	Resolved to approve the Academic Calendar for both the UG and PG Programmes of the academic year 2021-2022/Odd Semester.
Item 5.07	To review of Academic Performance of students Principal presented the Even semester results of the Academic Year 2021-2022.
Resolution	Noted and recorded the Academic Performance of students.
Item 5.08	To review Placement Details of current Academic Year 2021-22 A total of 74% placed students details was presented to the council remembers and also informed that some more recruitments are also in progress.
Resolution	Noted and recorded the placement details.

Item 5.09	To review the Co-curricular Activities of students Principal has presented the details of club activities conducted, value added programs, Industrial visits, In plant Training as a part of Co-curricular activities. • Students participation: • Students have participated in various activities and won Prizes/ medals have brought fame not only to the institution but also to them.
Resolution	The council noted and recorded the achievements
Item 5.10	To review the Professional Enrichment Activities – Publications / FDP / Conference / Workshop / Seminar for current Academic Year 2021-22 Principal presented department wise details of Publications, Conferences, Workshops and Seminars attended by faculty members
Resolution	The members noted and recorded the achievements
Item 5.11	To review the Publication and Patent Details for current Academic Year 2021-22. Principal has presented the details of Publication and Patents details for current Academic Year 2021-22.
Resolution	The council noted and recorded the achievements
Item 5.12	To review of Admission Status for the Academic Year 2021-22 Principal presented the Admission status of all the departments for both UG and PG for the Academic year 2021-22.
Resolution	Noted and recorded the Admission Status for the Academic Year 2021-22

Item 5.13	Other discussion
	• The council suggested to send the Presentation Slides one or two days prior to the schedule. • Member discussed the importance of Hadoop concepts in Big Data Analytics and suggested to include in the syllabus with due approval of respective BoS. • Member suggested to have AI&DS specific Mathematics course. • Member suggested to include the consultancy, R&D and PhD details in the forthcoming meetings. • Member suggested to have year wise grade analysis in the presentation. • The council suggested to encourage the students to take internship after fourth semester. The duration of the internship may be extended beyond two weeks if necessary. • The members of the council suggested to encourage the students to go for competitive examinations. • Members suggested to encourage Agriculture Engineering students to design simple machineries to aid farmers. • The council recommended to analyze the data arrived for taking the institution to the next level ➤ By raising up the institution to achieve the NIRF ranking within 200 nationally ➤ Through constructive improvement in all the criteria of NAAC to achieve the A+ Grade ➤ Ensuring the growth in all corners of education so as to achieve University status by next 10 Years.

	Members encouraged to utilize the Academic and Administrative Audit of the institute to find the areas of improvement needed for the institution.
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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	
2.	Prof.C.R.Muthukrishnan, Member- Anna University Nominee	
3.	Dr.K.Sankaran, Member- Anna University Nominee	
4.	Dr.A.Selvaraj, Member- Anna University Nominee	
5.	Dr.R.Krishnamoorthy, Expert Member	
6.	Dr.P.Palanisamy, Expert Member	
7.	Mr.V.Muruganandam, Expert Member	
8.	Mr.V.Ramachandran, Expert Member	

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

17.	Dr.K.Balasubramanian HoD/ S&H	
18.	Mr.T.Ashok, HoD /BME	
19.	Dr.S.Gobinath, Professor / Mech	
20.	Dr. K. Amudha, Associate Professor / ECE	
21	Dr.A.Nithya, Associate Professor / Mech	
22	Mr.C.Radhakrishnan, Assistant Professor / CSE	
23	Dr.P.Arul, Professor / EEE, CoE & Member Secretary	


Chairman
Academic Council