



**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.

30th March 2021

Minutes of the Third Academic Council Meeting

The Third Academic Council meeting was held on 30th March 2021 through online mode in Zoom app at 10:00AM. 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, Tiruchirapalli.	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, Tiruchirapalli.	Expert Member
6	Dr.P.Palanisamy, Professor / ECE National Institute of Technology, Tiruchirapalli.	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.S.Kavipriya, Professor / Civil	Head of the Department
10	Dr.C.Saravanabhavan, Professor / CSE	Head of the Department
11	Dr.M.Dharmalingam, Professor / ECE	Head of the Department
12	Dr.R.Shankar, Professor / EEE	Head of the Department
13	Mr.N.Premkumar, Associate Professor / IT	Head of the Department
14	Dr.D.Jagadeesh, Associate Professor / Mech	Head of the Department
15	Dr.K.Balasubramanian, Professor / S & H	Head of the Department
16	Mr.T.Ashok, Associate Professor / BME	Head of the Department
17	Dr.S.Gobinath, Professor / Mech	Faculty Member
18	Dr. K. Amudha, Associate Professor / ECE	Faculty Member
19	Dr.A.Nithya, Associate Professor / Mech	Faculty Member
20	Mr.C.Radhakrishnan, Assistant Professor / CSE	Faculty Member
21	Dr.P.Arul, Professor / EEE & Controller of Examinations	Member Secretary

Item 3.01	Approval of minutes of the Second Academic Council Meeting
Resolution	Resolved to approve the Minutes of Second Academic Council Meeting
Item 3.02	Approval for Introduction of two New Courses and Reduction in Intake for the Academic year 2021-22 Principal proposed the two new courses in the emerging area, to be started from the Academic Year 2021-22 onwards. 1. B.E – Agriculture Engineering* with an intake of 60. 2. B.Tech – Artificial Intelligence and Data Science with an intake of 60. Reduction in intake from the Academic Year 2021-22 onwards 1. B.E. -Mechanical Engineering intake reduction from 180 to 120. 2. M.E.-Applied Electronics intake reduction from 18 to 6. 3. M.E.-Computer Science Engineering intake reduction from 18 to 6. *Mandatory 18 credits for IoT
Resolution	Resolved to approve the two new courses and reduction in intake.
Item 3.03	Approval of Board of Studies Minutes The Chairman of the council presented a brief summary of all department BoS minutes to the members • The updated curriculum for all the eight semesters was approved. • All departments Fifth semester syllabus was discussed and approved by the board. Department wise list of Open Electives offered to other departments: • Civil Engineering (Third BoS) - i). Industrial Waste Management - ii). Air Pollution and Control Engineering - iii). Smart Materials and Smart Structures • Computer Science Engineering (Third BoS) - i). Fundamentals of Software Engineering - ii). Introduction to Data Structures and Algorithms - iii). Principles of Multimedia

- **Electrical and Electronics Engineering (Third BoS)**
 - i). Non-Conventional Energy Resources
 - ii). Energy Audit and Management
 - iii). Industrial Automation
- **Electronics and Communication Engineering (Third BoS)**
 - i). Introduction to Internet of Things
 - ii). Sensors and transducers
- **Mechanical Engineering (Third BoS)**
 - i). Production Technology
 - ii). Basics of Automotive Components
- **Biomedical Engineering (Second BoS)**
 - i). Basics of Biomedical Instrumentation
 - ii). Introduction to Cell Biology
- **Information Technology (Third BoS)**
 - i). Introduction to Database
 - ii). Fundamentals of Operating Systems

Syllabus of the courses offered to various departments finalized in Science and Humanities are

- **Mathematics (Third BoS)**
 - Applied Mathematics for Electronics Engineers (I-Semester/M.E.-AE)
 - Applied Probability and Statistics (I-Semester/M.E.-CSE)
 - Algebra and Number Theory (V-Semester/B.Tech.-IT)
 - Graph Theory and Its Applications(VI-Semester/B.E.-CSE)
 - Operations Research(VII-Semester/B.E. EEE and B.E. Mech)
 - Professional Skills Development (All branches)
 - Employability Skills Development (All branches)
- **English (Third BoS)**
 - Universal Human Values 2: Understanding Harmony(All branches)
 - Constitution of India (All branches)
 - Professional Skills Development (All branches)
 - Employability Skills Development (All branches)

	• Mandatory Courses • A 3 credit mandatory course titled “Universal Human Values 2: Understanding Harmony” is being offered to the students as follows ➤ EEE - Third semester ➤ BME, Civil, CSE & ECE - Fifth semester ➤ IT & Mechanical - Sixth Semester. • A non credit mandatory course titled “Constitution of India” may be included as a subject in the curriculum in any one semester from third semester onwards. The “Passed” grade is mandatory for the award of the degree. All department Chairman’s of the BoS resolved to implement the suggestion proposed by the members in the respective boards
Resolution	Resolved to approve the BoS minutes of the respective boards.
Item 3.04	Approval of Online Exam modalities for the First semester(KNCET-UGR2020) Theory Courses (UG & PG): • 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. Laboratory Courses (UG / PG): • The evaluation for the laboratory courses are carried out as per the Regulations through OFFLINE mode.

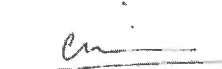
	Approval of online exam modalities for the Third, Fifth and Seventh semesters (Anna University, R2013 & R2017) Ref: Letter No: 2532/AU/CAC/ESE-N/Dec2020 dated 29.10.2020) Theory Courses (UG & PG): • The duration of the Online Examination is 1 hour. • Total marks allocated is 60, which is normalized to 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. • The Question paper pattern for the arrear examination is also the same and conducted through ONLINE mode. Evaluation of Theory Course with Laboratory Component (UG): • The evaluation for the Theory Course with laboratory component is carried out as per the Regulations through ONLINE mode. Laboratory Courses (UG / PG): • The evaluation for the laboratory courses are carried out as per the Regulations through ONLINE mode.
Resolution	Approved the Online Exam Modalities for the terminal examination of the year 2020-21.
Item 3.05	Academic Performance of students Principal presented the Odd semester results of the academic year 2020-2021.
Resolution	Noted and recorded the academic achievements for the year 2020-2021. The members observed that results of online exams with MCQ shows significantly higher scores of students compared to the offline written exams. This may be noted and addressed in future in online exams.

Item 3.06	Placement Details A total of 77% 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 achievements.
Item 3.07	Academic Calendar for the UG/PG Programmes
Resolution	Resolved to approve the Academic Calendar for both the UG/PG programmes
Item 3.08	Students Co-curricular and Extra Curricular Activities 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 resolved to record the achievements
Item 3.09	Scholarship Principal discussed the details of Government scholarship and the Institute Scholarship offered by the management for students with academic excellence and sports.
Resolution	The members of the council noted and appreciated the contribution by the management.
Item 3.10	Programmes Organized and Patents Filed Principal has presented the details of Programmes organized and patents filed • Sponsored Programmes: ➤ Institute has scaled up to organize various sponsored programmes such as STTP/FDP/MODROBS/ATAL to the tune of Rs.22,25,858/-

	• Patents filed: ➤ The total patents filed from various department goes to 11 for this academic year.
Resolution	The council noted and resolved to record the achievements
Item 3.11	Funding Proposals: Principal has presented the details of Funding Proposals applied in the academic year 2020-21 • Dr R Asokan –Principal, as a Principal Investigator has submitted a proposal on AICTE-IDEA Lab for a sum of Rs. 110 Lakhs. The final presentation for this proposal was given on 04.03.21 • Dr D Jagadeesh – Associate Professor/Mechanical has submitted a proposal to DST on the title “Embedding Pyrolysis Reactor in Industrial Process Boiler for Production of Bio-char from Agricultural Waste/Stubble for a sum of Rs. 60.57 Lakhs. The final presentation for this proposal was given on 18.02.2021.
Resolution	The council noted and resolved to record the achievements
Item 3.12	Professional Enrichment Activities – Publications / FDP / Conference / Workshop / Seminar Principal presented department wise details of Publications, Conferences, Workshops and Seminars attended by faculty members
Resolution	The members noted recorded the achievements
Item 3.13	Institution Strength and Weakness in NAAC The principal presented the strength and weakness reported by the NAAC peer team
Resolution	The members noted the improvements and encouraged continued-progress in all the criteria

Item 3.14	General discussion
	• Member of the council suggested to give the summary of BoS with more emphasis on the action taken. • Recommended to involve external subject expert for Handling the Constitution of India • Some of the courses in the curriculum may be encouraged to go Online based on the New normal established because of the COVID-19 pandemic. • Member appreciated the idea of bringing an exclusive dictionary of 1200 words for Biomedical students to bridge the gap in understanding the medical terms. • The council appreciated the patents filed by KNCET but expected the commercialization of all those ideas through an industry tie up. • The members of the council directed to increase the revenue generation through funding, which would also reflect in increasing the asset accumulation of the institution. • The scaled up figures in PhD since NAAC was appreciated by the members, still more numbers are expected. • The council expects the data of Lateral entry admission in the next meeting • Members emphasized that the AICTEs mandate of 18 credits for IoT in Agriculture Engineering need to be worked with laboratory integration to show significant difference between engineering and conventional science courses. • Journal publications may be encouraged with remuneration but not limited to the Faculty community but may also be extended to the students. • The council agreed to apply the livelihood business incubator. • KNCET has started its “Innovation and Start-Up Policy (KNISP’2021)”, which is approved and appreciated by the members of the Board.

The Chairman of the Academic Council, Dr R Asokan, thanked all the members of the council for their valuable time and suggestions.

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.S.Kavipriya HoD/Civil	
10.	Dr.C.Saravanabhavan HoD/ CSE	
11.	Dr.M.Dharmalingam HoD/ ECE	
12.	Dr.R.Shankar HoD/ EEE	
13.	Mr.N.Premkumar HoD/ IT	
14.	Dr.D.Jagadeesh, HoD/ Mech	
15.	Dr.K.Balasubramanian HoD/ S&H	
16.	Mr.T.Ashok, HoD /BME	

17.	Dr.S.Gobinath, Professor / Mech	
18.	Dr. K. Amudha, Associate Professor / ECE	
19.	Dr.A.Nithya, Associate Professor / Mech	
20.	Mr.C.Radhakrishnan, Assistant Professor / CSE	
21	Dr.P.Arul, Professor / EEE &CoE Member Secretary	


Chairman
Academic Council