
**Minutes of the 44th Meeting of the Academic Council
of
Coimbatore Institute of Technology - Coimbatore - 641 014**

**DATE : 26-03-2022
TIME : 10.35 a.m.**

MEMBERS :

- | | | |
|----|---|--------------------------------------|
| 1. | Dr.A. Rajeswari
Principal in - charge | Chairman |
| 2. | Dr.R.Sriram
Dean - Examinations | Member Secretary |
| 3. | Dr.M. Nataraj
Principal
Government College of Engineering
Thanjavur | University Nominee |
| 4. | Dr.C. Nagamani
Professor HAG
Dept. of Electrical and Electronics Engineering
National Institute of Technology
Tiruchirappalli - 620 015 | University Nominee |
| 5. | Dr. Umesh Chandrasekhar
Professor of Emeritus
Dept. of Management Studies
PSG College of Technology, Peelamedu,
Coimbatore - 641 004 | University Nominee |
| 6. | Dr.T. Alwarsamy
Principal
Government College of Engg.
Bargur | Government Nominee |
| 7. | Mr. Madeswaran
Managing Director
KSNM Marketing
SF/No. 29/1B , Onapalayam
Vadavalli to Thondamuthur Road
Coimbatore - 641 109 | Governing Body Nominee
(Industry) |
| 8. | Mr. K. Durgasharan
Director
Versa Drives Private Ltd.,
38 B, Vadukkuthottam Post
Idigarai, Coimbatore - 641 022 | Governing Body Nominee
(Industry) |

9.	Dr. J.V. Ramasamy Dean – Academic P.S.G. College of Technology Coimbatore – 641 004	Governing Body Nominee (Academic)
10.	Dr. P. Thamarai Principal Government College of Technology Coimbatore – 641 013	Governing Body Nominee (Academic)
11.	Dr.S. Shanmugam Dean – Student Affairs	Member
12.	Dr.V.G. Srisanthi HOD – Civil Engineering	Member
13.	Dr.K. Marimuthu HOD - Mechanical Engineering	Member
14.	Dr. S. Vasantharathna HOD – EEE & Dean – Placement and Training	Member
15.	Dr.G.Kousalya HOD- CSE	Member
16.	Dr.N.K. Karthikeyan HOD – IT	Member
17.	Dr.M. Thirumarimurugan HOD - Chemical Engg. & Dean – International affairs	Member
18.	Dr.N. Muthukumarasamy HOD – Physics & Dean - R & D and Industry Collaboration	Member
19.	Dr.V. Manikandan Professor – EEE & Dean – Planning	Member
20.	Dr.N. Nagaveni HOD - Mathematics	Member
21.	Dr.E.P. Subramaniam HOD - Chemistry	Member

22.	Dr.P. Santhi HOD – Humanities	Member
23.	Dr. K. Sakthimala Dean - Computing	Member
24.	Dr.S. Suganthi HOD – Data Science	Member
25.	Dr.A. Kannammal HOD – Decision and Computing Sciences	Member
26.	Dr. R.S. Somasundaram HOD – MCA	Member
27.	Dr. J. Shana HOD – Artificial Intelligence and Machine Learning	Member
28.	Dr. John Rudolphraj HOD -Master of Business Administration	Member
28.	Dr.R. Sathyanarayan Sridhar Professor - Civil Engineering & Deputy Controller of Examinations	Member
29.	Dr. M. Mandhirasalam Librarian & Dean – Academic & Research resource assistance	Member
30.	Dr.R. Sampath Physical Director & Dean – Extra Curricular and Inter Collegiate Activities	Member
31.	Dr.T. Sridhar Professor – Mechanical Engineering	Member
32.	Dr.J. Devishree Professor- EEE	Member
33.	Dr. M. Poongothai Associate Professor - ECE	Member
34.	Dr.D.Prabakaran Professor - Chemical Engineering	Member
35.	Dr. K. Amsakala Associate Professor – CSE	Member

36.	Dr.B. Gokila Associate Professor – Mathematics	Member
37.	Dr.R. Maheswari Assistant Professor – Humanities	Member
38.	Dr.N. Yamunadevi Associate Professor – Computing	Member

The following members expressed their inability to attend the meeting due to preoccupation.

Dr.M. Nataraj
Principal, Government College of Engineering
Thanjavur
University Nominee

Dr.C. Nagamani
Professor HAG
Dept. of Electrical and Electronics Engineering
National Institute of Technology
Tiruchirappalli - 620 015
University Nominee

Dr. Umesh Chandrasekhar
Professor of Emeritus
Dept. of Management Studies
PSG College of Technology, Peelamedu,
Coimbatore – 641 004
University Nominee

Dr.T. Alwarsamy
Principal
Government College of Engg.
Bargur
Government Nominee

Mr. Madeswaran
Managing Director
KSNM Marketing
SF/No. 29/1B , Onapalayam
Vadavalli to Thondamuthur Road
Coimbatore – 641 109
Governing Body Nomin
(Industry)

Mr. K. Durgasharan
Director
Versa Drives Private Ltd.,
38 B, Vadukkuthottam Post
Idigarai
Coimbatore – 641 022
Governing Body Nomin
(Industry)

Dr.S. Shanmugam
Dean – Student Affairs

Member

Dr.N. Nagaveni
HOD - Mathematics

Member

Dr.A. Kannammal
HOD – Decision and Computing Sciences

Member

Dr.S.Vasantha
Professor of Physics

Member

The following communications were received from Anna University, Chennai, Higher Education Department, Directorate of Technical Education – Chennai and University Grants Commission, New Delhi.

a) **ANNA UNIVERSITY - CHENNAI**

- (i) Provisional affiliation for the existing courses/new courses/variation in intake in the existing courses with sanctioned strength for U.G. / P.G. programme for the academic year 2021-2022 has been granted vide Lr.No.02/AFFLN/CA1/CBE/AU/2021-22/7176 dated 10-08-2021.
- (ii) Anna University decided to conduct B.E./B.Tech. (FT/PT) & PG (FT/PT) programmes End Semester Examinations in offline (physical) mode for Theory including Elective courses, Laboratory Courses, Theory cum Laboratory Courses for the students of academic session September-December 2021 vide Lr.No.4506/AU/CAC/ESE/2021 dated 09-11-2021.
- (iii) As per the direction of Higher Education Department and Government of Tamilnadu Anna University directed all Autonomous colleges affiliated to Anna University to Conduct of November/December 2021 Examinations in offline mode- Conduct the examinations in physical mode from 20th January 2022 onwards vide Letter No.26200/COE/2021 dated 20-11-2021.
- (iv) Anna University directed all Autonomous colleges to take necessary steps to implement the instructions scrupulously to conduct the End Semester Examinations for UG/PG students studying in Autonomous Colleges from 21-01-2022 onwards vide Letter No.4765/AU/CAC/IA/2021 dated 24-11-2021.

-
- (v) Anna University informed that the first semester examinations of all degree programmes, under autonomous Colleges affiliated to Anna University scheduled to be held during March/ April 2022 in physical (offline) mode, vide Lr.No.1085/AU/CAC/Auto - ESE/2022 dated 03-03-2022.
- (vi) Anna University requested Principals/Deans of all affiliated colleges not to collect the Examination Fees from the students admitted through 7.5% preferential allocation seats for the students studied in the Government Schools. It is also mentioned in the G.O. that the Government itself shall meet out the Course fees, Hostel Fees and Transportation fees the students admitted under this scheme vide Letter No.2364/COE/C10/2022/5 dated 08-03-2022.
- (vii) Dr. G.Kalpna, Professor , Dept. of Physics , Anna University, Chennai is nominated as University Representative and member of the Result Passing Board of Coimbatore Institute of Technology for NOV/DEC 2021 and APR/ MAY 2022 examinations, Vide Anna University Lr.No. COE/PA/2021 dated 11-03-2022.

b) HIGHER EDUCATION DEPARTMENT

- (i) All Semester Examinations to be conducted only through Offline mode, in the Higher Educational Institutions by strictly following COVID - 19 Safety protocols / Instructions issued by Higher Education Department vide Letter No.14595/A2/2021-1, dated 16-11-2021.

c) UGC - NEW DELHI

- (i) Extension of Autonomous Status to Coimbatore Institute of Technology for a period of Five years from the session 2021-2022 to 2025-2026 vide Letter No.F.22-1/2017(AC) dated October 2021.

d) Directorate of Technical Education

- (i) The Director of Technical Education, Chennai issued guidelines not to collect any fees from the students admitted through 7.5% preferential allocation seats for the students studied in the Government Schools vide Letter No.47883/J2/2021, dated 16-11-2021.

ITEM NO : 1

The Standing committee recommended and **Dr. R. Sriram** moved that the results passed and the decisions taken in the following meetings of the Result Passing Boards be approved and ratified.

MEETING NUMBER	MEETING DATE
160	20 th September 2021
161	20 th November 2021

Dr. R. Sathyanarayan Sridhar seconded the move.

The move was put to vote and carried.

ITEM NO : 2

The Standing Committee recommended and **Dr. V.G. Srisanthi** moved that the recommendations of Board of studies - **Civil Engineering** to discuss and finalise the inclusion of the following Professional Electives and One Credit Courses for the students of **B.E Civil Engineering** degree programme admitted during 2019-2020 and subsequently be approved.

Professional Electives:

1. 19CEE21 Green Building Concepts and Practices
2. 19CEE32 Intelligent Transport System

One Credit courses:

1. 19CEOC05 Python for Civil Engineers
2. 19CEOC06 3DPrinting of Civil Engineering Structures
3. 19CEOC09 Sustainability in construction
4. 19CEOC10 Introduction to Image Processing and GIS

Dr. R. Sathyanarayan Sridhar seconded the move.

The move was put to vote and carried.

ITEM NO : 3

The Standing Committee recommended and **Dr. K. Marimuthu** moved that the recommendations of Board of studies - **Mechanical Engineering** to discuss and finalise the inclusion of the following Professional Electives , NPTEL Courses as Professional Electives and One Credit Courses for the students of **B.E. Mechanical Engineering** degree programme admitted during 2019-2020 and subsequently be approved.

Professional Electives:

19MEE49 Smart Materials

NPTEL Courses as Professional Electives:

**Product Design and Manufacturing
Fundamentals of Nuclear Power Generation
Applied Ergonomics**

One Credit courses:

**19MEOC14 Innovation and Entrepreneurship
19MEOC15 3D Scanning Technology**

Dr. T.Sridhar seconded the move.

The move was put to vote and carried.

ITEM NO : 4

The Standing Committee recommended and **Dr. K. Marimuthu** moved that the following NPTEL courses be included in the list of elective courses offered to the students M.E. (Advanced Manufacturing Technology) admitted during 2019-20 and subsequently as recommended by the Chairman, Board of Studies, Mechanical Engineering Branch be approved.

NPTEL Courses

**19MMAE37 Production Operation and Management
19MMAE38 Modelling and Analytics of Supply Chain Management**

Dr. T. Sridhar seconded the move.

The move was put to vote and carried.

ITEM NO : 5

The Standing Committee recommended and **Dr. K. Marimuthu** moved that the recommendations of Board of studies - **Mechanical Engineering** to discuss and approve the additional courses to be studied by Balaji.V. (17 02 062) of 2015 regulation who has been re-admitted in the III Semester of B.E. Mechanical Engineering (2019) as recommended by the Chairman, Board of Studies, B.E. Mechanical Engineering Branch be approved.

**19ME31 Engineering Thermodynamics - Exempted Course
19ME11 Introduction to Mechanical Sciences - Additional Course to be studied.**

Dr. T. Sridhar seconded the move.

The move was put to vote and carried.

ITEM NO : 6

The Standing Committee recommended and **Dr. S. Vasantharathna** moved that the recommendations of Board of studies - **Electrical and Electronics Engineering** to discuss and finalise the inclusion of the following Electives, NPTEL Courses, and One Credit Courses for the students of **B.E. Electrical and Electronics Engineering** degree programme admitted during 2019-2020 and subsequently be approved.

19EEE41 Switched Mode Power Conversion
19EEE42 Utilization of Solar Energy
19EEE43 Wearable Sensors

NPTEL Courses

Introduction to Internet of Things
Introduction to Industry 4.0 and Industrial Internet of Things
Fundamentals of Semiconductor Devices
Recent Advances in Transmission Insulators
Electric Vehicle Part I
Computer Networks and Internet Protocol
Data Science for Engineers
Programming, Data Structures and Algorithm Using Python
Strategy: An Introduction to Game Theory

One Credit Courses

19EEOC12 AWS Cloud Practitioner Essentials
19EEOC13 Introduction to IOT
19EEOC14 TCS ION Career Edge Young Professional

Dr. J. Devishree seconded the move.

The move was put to vote and carried.

ITEM NO : 7

The Standing Committee recommended and **Dr. S. Vasantharathna** moved that the recommendations of Board of studies - **Electrical and Electronics Engineering** to discuss to discuss and finalise the inclusion of the following elective courses for the students of **M.E. Applied Electronics** degree programme admitted during 2019- 2020 and subsequently be approved.

19MAOC08 Digital Twin Technology
19MAOC09 Robotics & Automation

Dr. J. Devishree seconded the move..

The move was put to vote and carried.

ITEM NO : 8

The Standing Committee recommended and **Dr. A. Rajeswari** moved that the recommendations of Board of studies - **Electronics and Communication Engineering** to discuss and finalise the inclusion of the following One Credit Courses for the students of **B.E. Electronics and Communication Engineering** degree programme admitted during 2019-2020 and subsequently be approved.

- 19ECOC22 HMS Foundation course on Mobile App Development**
- 19ECOC23 Baseband Communication – Signal Generation and Analysis**
- 19ECOC24 RF measurements**

Dr. M. Poongothai seconded the move.

The move was put to vote and carried.

ITEM NO : 9

The Standing Committee recommended and **Dr. A. Rajeswari** moved that the recommendations of Board of studies - **Electronics and Communication Engineering** to discuss and finalise the inclusion of the following elective course offered for the students of **M.E. Communication Engineering** degree programme admitted during 2019-2020 and subsequently be approved.

- 15MECE52 Deep Learning**

Dr. M. Poongothai seconded the move.

The move was put to vote and carried.

ITEM NO : 10

The Standing Committee recommended and **Dr. G.Kousalya** moved that the recommendations of Board of studies - **Computer Science and Engineering** to discuss and finalise the following NPTEL Courses for the students of **B.E. Computer Science and Engineering** degree programme admitted during 2019-2020 and subsequently be approved.

NPTEL Courses as Professional Electives:

Data Analysis and Decision Making I

Ethical Hacking

Dr. K. Amsakala seconded the move.

The move was put to vote and carried.

ITEM NO : 11

The Standing Committee recommended and **Dr.N.K. Karthikeyan** moved that the recommendations of Board of studies - **Information Technology** to discuss and finalise the inclusion of the following elective courses offered for the students of **B.Tech. Information Technology** degree programme admitted during 2019-2020 and subsequently be approved.

19ITE15 Full Stack Development
19ITE16 Virtual And Augment Reality

Dr. K. Amsakala seconded the move.

The move was put to vote and carried.

ITEM NO : 12

The Standing Committee recommended and **Dr.M. Thirumarimurugan** moved that the recommendations of Board of studies - **Chemical Engineering** to discuss and finalise the inclusion of the following elective courses offered for the students of **B.Tech. Chemical Engineering** degree programme admitted during 2019-2020 and subsequently be approved

19CHE31 Carbon Capture
19CHE32 Material Science and Technology
19CHE33 Bio-Process Technology
19CHE34 Pilot Plant Scale Up Methods

Dr. D. Prabakaran seconded the move.

The move was put to vote and carried.

ITEM NO : 13

The Standing Committee recommended and **Dr.Valliappan Raman** moved that the recommendations of Board of studies - **Computer Science and Engineering** to discuss and finalize the Curriculum and Syllabi for the students of **B.Tech. Artificial Intelligence and Data Science** degree programme admitted during 2021 - 2022 and subsequently, be approved.

Second, Third & Fourth Semester - Curriculum and Syllabi

Dr. K. Amsakala seconded the move.

The move was put to vote and carried.

ITEM NO : 14

The Standing Committee recommended and **Dr.K. Sakthimala** moved that the recommendations of Board of studies - **Computing** to discuss and finalize the Curriculum and Syllabi for the students of **M.Sc. Software Systems degree** programme admitted during 2020 – 2021 and subsequently, be approved.

Fifth to Tenth Semester - Curriculum and Syllabi

Dr. N. Yamunadevi seconded the move.

The move was put to vote and carried.

ITEM NO : 15

The Standing Committee recommended and **Dr.S. Suganthi** moved that the recommendations of Board of studies - **Computing** to discuss and finalize inclusion of the following one credit English Laboratory course in the Second Semester of **M.Sc.Data Science degree** programme for the students admitted during 2020 – 2021 and subsequently, be approved.

21MDS28 - Employability Skills

Dr. N. Yamunadevi seconded the move.

The move was put to vote and carried.

ITEM NO : 16

The standing committee recommended and **Dr. J. Shana** moved that the recommendations of **Board of Studies – Computing** to discuss and finalize the Curriculum and Syllabi of **M.Sc. Artificial Intelligence and Machine Learning degree** programme for the students admitted during 2019 – 2020 and subsequently, be approved.

Sixth to Tenth Semester - Curriculum and Syllabi

Dr. N. Yamunadevi seconded the move.

The move was put to vote and carried.

ITEM NO : 17

The standing committee recommended and **Dr. J. Shana** moved that the recommendations of **Board of Studies - Computing** to discuss and finalize the inclusion of the following One Credit Course offered for the students of **M.Sc. Artificial Intelligence and Machine Learning degree** programme, admitted during 2019 - 2020 and subsequently, be approved.

19MAMOC01 - ECONOMETRICS AND MACHINE LEARNING IN FINANCE

Dr. N. Yamunadevi seconded the move.

The move was put to vote and carried.

ITEM NO : 18

The Standing Committee recommended and **Dr.R.S.Somasundaram** moved that the recommendations of **Board of Studies - Computer Applications** to discuss and finalize the inclusion of the following One Credit Course offered for the students of **M.C.A. Computer Applications degree** programme admitted during 2020 - 2021 and subsequently, be approved.

20MCA0C02 Devops Essentials

Dr. N. Yamunadevi seconded the move.

The move was put to vote and carried.

ITEM NO : 19

The Standing Committee recommended and **Dr. John Rudolphraj** moved that the recommendations of **Board of Studies - Master of Business Administration** to allow the students to study one elective course offered in the third semester through NPTEL/SWAYAM platform. This is applicable for the students admitted from 2022-23 and subsequently be approved.

Dr. R.Maheswari seconded the move.

The move was put to vote and carried.

ITEM NO : 20

The Standing Committee recommended and **Dr. John Rudolphraj** moved that the recommendations of **Board of Studies – Master of Business Administration** to allow the students to study the following One credit Courses during the I & II semester of **MBA** programme for the students admitted from 2022 – 23 and subsequently be approved.

1. Python Programming
2. Negotiation Skills
3. Transactional Analysis (TA)
4. Emotional Intelligence
5. Advanced Excel Applications

Dr. R.Maheswari seconded the move.

The move was put to vote and carried.

ITEM NO : 21

The standing committee recommended and **Dr. P. Shanthi** moved that the Sixth semester students of B.E. / B.Tech. programs can opt for the following examinations

- GRE
- TOFEL
- GMAT
- IELTS

as equivalent to the one credit course, **19HOC61 Employability and Personality Development Skills II** offered under 2019 regulations.

Dr. R.Maheswari seconded the move.

The move was put to vote and carried.



PRINCIPAL

&

CHAIRMAN ACADEMIC COUNCIL

