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**Minutes of the 41<sup>st</sup> Meeting of the Academic Council  
of  
Coimbatore Institute of Technology - Coimbatore - 641 014**

**DATE** : 19-12-2020  
**TIME** : 10.00 a.m.  
**VENUE** : IT BLOCK, A/C CONFERENCE HALL

**MEMBERS :**

- |    |   |                                      |
|----|---|--------------------------------------|
| 1. | Dr.V.Selladurai   | CHAIRMAN                             |
| 2. | Dr.R.Sriram<br>Dean - Examinations  | Member Secretary                     |
| 3. | Dr.M. Nataraj<br>Principal i/c, Government College of Engineering<br>Tirunelveli - 627 007  | University Nominee                   |
| 4. | Dr.C. Nagamani<br>Professor HAG<br>Dept. of Electrical and Electronics Engineering<br>National Institute of Technology<br>Tiruchirappalli - 620 015 | University Nominee                   |
| 5. | Dr. Umesh Chandrasekhar<br>Professor of Emeritus<br>Dept. of Management Studies<br>PSG College of Technology, Peelamedu,<br>Coimbatore - 641 004    | University Nominee                   |
| 6. | Dr.T. Alwarsamy<br>Principal<br>Government College of Engg.<br>Bargur   | Government Nominee                   |
| 7. | Mr. Madeswaran<br>Managing Director<br>KSNM Marketing<br>SF/No. 29/1B, Onapalayam<br>Vadavalli to Thondamuthur Road<br>Coimbatore - 641 109         | Governing Body Nominee<br>(Industry) |
| 8. | Mr. K. Durgasharan<br>Director<br>Versa Drives Private Ltd.,<br>38 B, Vadukkuthottam Post<br>Idigarai<br>Coimbatore - 641 022                       | Governing Body Nominee<br>(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.A. Rajeswari HOD - ECE & Dean - Academic	Member
16.	Dr.G. Kousalya HOD- CSE	Member
17.	Dr.N.K. Karthikeyan HOD – IT	Member
18.	Dr.M. Thirumarimurugan HOD - Chemical Engg. & Dean – International affairs	Member
19.	Dr.N. Muthukumarasamy HOD – Physics & Dean - R & D and Industry Collaboration	Member
20.	Dr.V. Manikandan Dean – Planning	Member
21.	Dr.N. Nagaveni HOD - Mathematics	Member
22.	Dr.E.P. Subramaniam HOD - Chemistry	Member

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

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38.	Dr.S. Vasantha Professor - Physics	Member
39.	Dr.R. Maheswari Assistant Professor - Humanities	Member
40.	Dr.N. Yamunadevi Assistant Professor – Computing	Member
41.	Ms. Aparnaa Shree.K. (17 04 057) Chairman – Student Union	Student Member
42.	Ms. Sangeetha.J. ( 18 04 111) Secretary – Student Union	Student Member
43.	Ms. Roshini.G. (18 33 042) Joint Secretary – Student Union	Student Member

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

1. Mr. Madeswaran  
Managing Director  
KSNM Marketing  
SF/No. 29/1B , Onapalayam  
Vadavalli to Thondamuthur Road  
Coimbatore – 641 109
2. Dr. P. Thamarai  
Principal  
Government College of Technology  
Coimbatore – 641 013
3. Dr.T. Sridhar  
Professor – Mechanical Engineering

**ITEM NO : 1**

The following communications were received from Anna University, Chennai, AICTE, Government of India-MHRD, Higher Education (J1) Department, Chennai, and Director of Technical Education, Government of Tamil Nadu.

**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 2020-2021 has been granted vide Lr.No.02/AFFLN/CA1/CBE/AU/2020-21/7176 dated 30-06-2020.

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- (ii) Notification regarding duration of MCA Programme from 3 Years to 2 Years enforced from Academic Year 2020-2021 onwards – vide Letter No. 1222/AU/CAC/2020 dated 25.07.2020
  - (iii) Dr. Sanjeevi, Professor, Dept. of Geology, Anna University, Chennai is nominated as University Representative and member of the Result Passing Board for Coimbatore Institute of Technology Vide Anna University Lr.No. COE/PA-AUTO/2020-21 dated 24-08-2020.
  - (iv) Readmission of students in (Full-Time/Part-Time) – Approval accorded Vide. Letter No. UG&PG-RA/2019-2020(ES)/SA2/0009 dated 24-08-2020
  - (v) Ph.D. Scholars shall write the end semester examinations of their registered courses as when conducted to complete the course. It is only taken as a ONE TIME measure and also applicable for courses enrolled during Dec 2019 to April 2020 academic sessions only vide Lr.No.2130/AU/CAC/CWork/2020 dated 21-09-2020.
  - (vi) The committee Constituted for Planning and Evaluation (Vide . Letter No. 2028/AU/CAC/2018, 19.07.2018) is permitted to continue for the academic year 2020-2021 vide Letter No. 2932/AU/CAC/2020 dated 23-10-2020.
  - (vii) Conduct of ' Proctored Online' examinations for UG/PG students of Higher Semesters during November/December 2020 and March/April 2021 for 1<sup>st</sup> semester UG/PG students vide Letter No. 19707/C12/2020 on 30-11-2020.

**b) ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

- (i) Change in the duration of MCA Program from 3 Years to 2 Years and eligibility qualification w.e.f. 2020-21 – vide Letter No. F.No. AICTE/AB/MCA/2020-21 dated 03-07-2020.
- (ii) Extension of the approval for various programmes for the academic year 2020-2021 -reg. – vide Letter No. Southern/1-7003958614/2020/EOA dated 30-04-2020.

**c) GOVERNMENT OF INDIA - MHRD**

Coimbatore Institute of Technology, Coimbatore is ranked 90 in Engineering category under NIRF 2020 by Ministry of Human Resource Development, Government of India.

**d) HIGHER EDUCATION (J1) DEPARTMENT, CHENNAI**

Dr.G. Vimala Rosaline , Principal, Government College of Engineering , Salem has been nominated as State Government Nominee in the Expert Committee constituted by UGC to evaluate the performance and academic attainments for granting of extension of autonomous status to Coimbatore Institute of Technology, Coimbatore. Vide Lr.No.7422/JI/2020-1 Dated 18-06-2020.

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**e) DIRECTOR OF TECHNICAL EDUCATION**

Due to Pandemic COVID-19 out break, under the guidelines of UGC and AICTE , except Final years students all the regular students of other semester examinations are exempted from writing exams based on G.O (T) NO. 111 dated 27-07-2020.

**f) GOVERNMENT OF TAMIL NADU**

- (i) Due to Pandemic COVID-19 outbreak, under the guidelines of UGC and AICTE the students in Under Graduate/Post Graduate Programmes are exempted from writing examinations vide G.O (T) NO. 111 dated 27-07-2020.
- (ii) Due to Pandemic COVID-19 out break, under the guidelines of UGC and AICTE , except Final years students all the regular students of other semester examinations are exempted from writing exams. vide Letter No.G.O.(T)No. 125 dated 26-08-2020 .
- (iii) All Higher Educational Institutions/Universities and Autonomous Colleges, Examinations conducting bodies are required to adhere the standard Operating Procedure during COVID-19 and Conduct examinations in online/offline/blended mode during September 2020, vide G.O.(Ms)No.493 dated 15-09-2020.
- (iv) The Government accorded permission to all Autonomous Colleges affiliated to State Universities of Tamil Nadu to conduct final semester examinations for the year 2019-2020 during September 2020 under Disaster Management Act, 2005, duly following the standard operating procedures. Vide G.O. (Ms) No. 505 dated 19-09-2020
- (v) Disaster Management Act, 2005 – COVID 19 – To conduct supplementary final semester Examinations in Anna University affiliated colleges and the University Departments in online mode during November 2020 - Permission – Granted – Orders –Issued Vide . GO. (Ms) No. 622 dated 05-11-2020.
- (vi) Disaster Management Act, 2005 – COVID 19 – To conduct proctored Online' semester examinations during November/December 2020 for the currently enrolled students of higher semesters of the affiliated Colleges of Anna University and University Departments of Anna University – To conduct the end – semester examinations during March/April 2021 for the 1<sup>st</sup> semester students admitted during October 2020 vide GO.(Ms).No.640 dated 13-11-2020.

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**ITEM NO : 2**

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
155	16 <sup>th</sup> September 2020
156	12 <sup>th</sup> October 2020

Dr. R. Sathyanarayan Sridhar seconded the move.

The move was put to vote and carried.

**ITEM NO : 3**

The Standing Committee recommended and **Dr. V. G. Srisanthi** moved that the recommendations of **Board of studies - Civil Engineering** to implement the following Curriculum and Syllabi for **B.E. Civil Engineering degree programme** for the students admitted during 2019-2020 and subsequently be approved.

Fifth & Sixth Semester - Curriculum and Syllabi

Dr. R. Sathyanarayan Sridhar seconded the move.

The move was put to vote and carried.

**ITEM NO : 4**

The Standing Committee recommended and **Dr.V.G. Srisanthi** moved that the recommendations of **Board of studies - Civil Engineering** to implement the following Curriculum and Syllabi for **P.T.B.E. Civil Engineering degree programme** for the students admitted during 2020-2021 and subsequently be approved.

First & Second Semester - Curriculum and Syllabi

Dr. R. Sathyanarayan 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 implement the following Curriculum and Syllabi for **B.E. Mechanical Engineering degree programme** for the students admitted during 2019-2020 and subsequently be approved.

Fifth & Sixth Semester - Curriculum and Syllabi

Dr.E.P.Subramaniam seconded the move.

The move was put to vote and carried.

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**ITEM NO : 6**

The Standing Committee recommended and **Dr. K. Marimuthu** moved that the recommendations of **Board of studies - Mechanical Engineering** to implement the following Curriculum and Syllabi for **P.T.B.E. Mechanical Engineering degree programme** for the students admitted during 2020-2021 and subsequently be approved.

First & Second Semester - Curriculum and Syllabi

Dr. R. Maheswari 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 implement the following Curriculum and Syllabi for **B.E. Electrical and Electronics Engineering degree programme** for the students admitted during 2019-2020 and subsequently be approved.

Fifth & Sixth Semester - Curriculum and Syllabi

Dr. J. Devishree seconded the move.

The move was put to vote and carried.

**ITEM NO : 8**

The Standing Committee recommended and **Dr. S. Vasantharathna** moved that the recommendations of **Board of studies - Electrical and Electronics Engineering** to implement the following Curriculum and Syllabi for **P.T.B.E. Electrical and Electronics Engineering degree programme** for the students admitted during 2020-2021 and subsequently be approved.

First & Second Semester - Curriculum and Syllabi

Dr. N. Nagaveni 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 implement the following Curriculum and Syllabi for **B.E. Electronics and Communication Engineering degree programme** for the students admitted during 2019-2020 and subsequently be approved.

Fifth & Sixth Semester - Curriculum and Syllabi

Dr. M. Poongothai seconded the move.

The move was put to vote and carried.

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**ITEM NO : 10**

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

Fifth & Sixth Semester - Curriculum and Syllabi

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 implement the following Curriculum and Syllabi for **B.Tech. Information Technology degree programme** for the students admitted during 2019-2020 and subsequently be approved.

Fifth & Sixth Semester - Curriculum and Syllabi

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 implement the following Curriculum and Syllabi for **B.Tech. Chemical Engineering degree programme** for the students admitted during 2019-2020 and subsequently be approved.

Fifth & Sixth Semester - Curriculum and Syllabi

Dr. D. Prabakaran seconded the move.

The move was put to vote and carried.

**ITEM NO : 13**

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

Third & Fourth Semester - Curriculum and Syllabi

Dr. N. Yamuna Devi seconded the move.

The move was put to vote and carried.

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**ITEM NO : 14**

The Standing Committee recommended and **Dr. R. S. Somasundaram** moved that the recommendations of **Board of studies - Computer Applications** to implement the following Curriculum and Syllabi for of **M.C.A. degree programme** for the students to be admitted during 2020-2021 and subsequently be approved.

First Semester - Curriculum and Syllabi

Dr. N. Yamuna Devi seconded the move.

The move was put to vote and carried.

**ITEM NO : 15**

The Standing Committee recommended and **Dr. J. Shana** moved that the recommendations of **Board of studies - Computing** to implement the following Curriculum and Syllabi for of **M.Sc. Artificial Intelligence and Machine Learning degree programme** for the students admitted during 2019-2020 and subsequently be approved.

Third & Fourth Semester - Curriculum and Syllabi

Dr.S. Vasantha seconded the move.

The move was put to vote and carried.

**ITEM NO : 16**

The standing committee recommended and **Dr. K. Marimuthu** moved that the recommendations of **Board of Studies - Mechanical Engineering** to rename the course **19ME43 Mechanisms of Machines** as

**19ME43 Mechanics of Machines**

for the students admitted under 2019 Regulation be approved.

Dr.R.Maheswari seconded the move.

The move was put to vote and carried.

**ITEM NO : 17**

The standing committee recommended and **Dr. K. Marimuthu** moved that the recommendations of **Board of Studies - Mechanical Engineering** to rename the course **19ME45 Manufacturing Processes**

**19ME45 Manufacturing Processes - I**

for the students admitted under 2019 Regulation and subsequently, be approved.

Dr.R.Sambath seconded the move.

The move was put to vote and carried.

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**ITEM NO : 18**

The standing committee recommended and **Dr. K. Marimuthu** moved that the recommendations of **Board of Studies – Mechanical Engineering** to include topics, Involutes and Special Curves in the course

**“ 19MEL11 Engineering Graphics ”**

for the students admitted under 2019 Regulation be approved.

Dr.E.P.Subramaniam seconded the move.

The move was put to vote and carried.

**ITEM NO : 19**

The standing committee recommended and **Dr. K. Marimuthu** moved that the recommendations of **Board of Studies – Mechanical Engineering** to have the following course codes as given below.

**19ME36 Fluid Mechanics and Machinery Laboratory** has been changed to **19MEL36A**.

**19ME36 Electrical Machines & Drives, and Embedded Systems Laboratory** has been changed to **19MEL36B**.

**19ME48 Material Characterization and Testing Laboratory** has been changed to **19MEL47A**.

**19ME48 Dynamics, Instrumentation and Controls Laboratory** is replaced by **19MEL47B Manufacturing Processes Laboratory**.

Dr. R. Sambath seconded the move.

The move was put to vote and carried.

**ITEM NO : 20**

The standing committee recommended and **Dr. S. Vasantharathna** moved that the recommendations of **Board of Studies – Electrical and Electronics Engineering** to permit students to register for open elective courses listed in the curriculum of their own department or across other programmes, be approved.

Dr. J. Devishree seconded the move.

The move was put to vote and carried.

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**ITEM NO : 21**

The Standing Committee recommended and **Dr. S. Vasantharathna** moved that the recommendations of chairman, Board of Studies - **Electrical and Electronics Engineering** Programme to conduct Open Book End semester Examination for the following courses

**15EE54 Control Engineering - V semester Students**  
**19EE34 Analog Electronics - III Semester Students**

for the students admitted under 2015 and 2019 regulations, respectively be approved.

Dr. J. Devishree seconded the move.

The move was put to vote and carried.

**ITEM NO : 22**

The standing committee recommended and **Dr. A. Rajeswari** moved that the recommendations of **Board of Studies – Electronics and Communication Engineering** to approve the training offered to the students of B.E.ECE IV (s) by the Faculty members of the department during May 2020 as equivalent to industrial training. Further, this may be applicable to all programmes and be approved.

Dr.S. Vasantha seconded the move.

The move was put to vote and carried.

**ITEM NO : 23**

The Standing Committee recommended and **Dr. R. S. Somasundaram** moved that the recommendations of Board of studies in **Computer Applications** that the duration of MCA programme reduced to 2 years from 3 years for the students of **MCA. degree** programme admitted during 2020 – 2021 and subsequently, be approved.

Dr.N. Yamuna Devi seconded the move.

The move was put to vote and carried.

**ITEM NO : 24**

The Standing Committee recommended and **Dr. V. G. Srisanthi** moved that the recommendations of **Board of studies - Civil Engineering** to approve the additional courses to be studied by the re-admitted student, Sanjay. M. (18 01 099) be approved.

**Additional Courses – NIL**

Dr. R. Sathyanarayan Sridhar seconded the move.

The move was put to vote and carried.

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**ITEM NO : 25**

The Standing Committee recommended and **Dr. K. Marimuthu** moved that the recommendations of **Board of studies – Mechanical Engineering** to approve the additional courses to be studied by the re-admitted student, Balaji. V. (17 02 062) be approved.

**Additional Courses – NIL**

Dr. R. Sambath seconded the move.

The move was put to vote and carried.

**ITEM NO : 26**

The Standing Committee recommended and **Dr. S. Vasantharathna** moved that the recommendations of **Board of studies – Electrical and Electronics Engineering** to approve the additional courses to be studied by the re-admitted student, Aravind. K. G. (18 03 007) be approved.

**Additional Courses – NIL**

Dr. P. Shanthi seconded the move.

The move was put to vote and carried.

**ITEM NO : 27**

The standing committee recommended and **Dr. A. Kannammal** moved that the recommendations of **Board of Studies – Computing** to include the following elective courses for **M.Sc. Decision and Computing Sciences degree**

16MDS43	Advanced Data Structures and Algorithms
17MDCEL3	Advanced Data Structures Lab

for the students admitted during 2017-2018 and subsequently, be approved.

Dr. N. Yamuna Devi seconded the move.

The move was put to vote and carried.

**ITEM NO : 28**

The re-admission of students of B.E. / B.Tech.&P.T.B.E. VIII (s), VI (s), IV (s) & II (s) programmes are approved by DOTE & Anna University as per the letter : Memo No : 47600/ECAI / 2019 ; dated 23-03-2020.

APRIL 2020					
S.No.	REGISTER NUMBER	NAME	PROGRAMME BRANCH	SEM	BATCH
1	16 01 034	Pratheesh.A.R.	B.E.Civil	VI	2017-2018
2	16 01 107	Thinavarun.A.	B.E.Civil	VI	2017-2018
3	18 01 042	Sathyaprakash.L.	B.E.Civil	II	2019-2020
4	18 01 073	Inbathamizhan.K.	B.E.Civil	II	2019-2020
5	18 01 094	Rajkumar.R.	B.E.Civil	II	2019-2020
6	17 02 225	Ramakrishnan.N.	B.E.Mech.	VI	2017-2018
7	16 03 030	Prasanth.S.	B.E.EEE	IV	2018-2019
8	17 03 110	Sudarsan.B.	B.E.EEE	IV	2018-2019
9	17 03 021	Kamalesh.V.S.	B.E.EEE	IV	2018-2019
10	17 03 105	Sedhu Hariharan.R.	B.E.EEE	IV	2018-2019
11	17 04 228	Surat Kumar.P.	B.E.ECE	VI	2017-2018
12	17 04 036	Raja Saravanan.K.	B.E.ECE	IV	2018-2019
13	16 04 094	Ramal .A. Rahman	B.E.ECE	IV	2018-2019
14	17 04 016	Gowtham.R.	B.E.ECE	IV	2018-2019
15	16 05 207	Gananthan.N.	B.E.CSE	VIII	2016-2017
16	18 05 094	Lalrosanga.C.	B.E.CSE	II	2019-2020
17	18 05 120	Sreevatsan.K.S.	B.E.CSE	II	2019-2020
18	16 103 23	Vignesh.V.	P.T.B.E.EEE	VI	2017-2018
19	16 103 08	Logeshwaran.V.	P.T.B.E.EEE	VI	2017-2018
20	17 103 11	Keerrthi Mano.R.	P.T.B.E.EEE	IV	2018-2019

**ITEM NO : 29**

The re-admission of students of B.E. / B.Tech. & P.T.B.E. VII (s), V (s), & III (s) programmes are approved by DOTE & Anna Univeristy as per the letter : Memo No : 14566/ECAI / 2020 ; dated 27-10-2020.

NOVEMBER 2020					
S.No.	REGISTER NUMBER	NAME	PROGRAMME BRANCH	SEM	BATCH
1	18 01 099	Sanjay.M.	B.E.Civil	III	2019-2020
2	17 02 062	Balaji.V.	B.E.Mech.	III	2019-2020
3	18 03 007	Arvind.K.G.	B.E.EEE	III	2019-2020
4	17 03 054	Thirunavukkarasan.B.	B.E.EEE	V	2018-2019
5	17 101 08	Rudhreshwaran.S.	P.T.B.E.Civil	III	2019-2020
6	18 101 04	Bharani Tharan.K.	P.T.B.E.Civil	III	2019-2020
7	18 101 16	Navaneetha Krishnan.S.	P.T.B.E.Civil	III	2019-2020
8	18 101 32	Vetrivel.V.S.	P.T.B.E.Civil	III	2019-2020
9	18 101 34	Vignesh.S.	P.T.B.E.Civil	III	2019-2020
10	15 01 008	Balasurya.K.S.	B.E.Civil	VII	2017-2018
11	14 05 127	Wareppam Maniranjana Singh	B.E.CSE	VII	2017-2018
12	15 03 072	Faizal Ahamed.A.	B.E.EEE	VII	2017-2018

  
 PRINCIPAL & CHAIRMAN  
 ACADEMIC COUNCIL

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**Minutes of the 42<sup>nd</sup> Meeting of the Academic Council  
of  
Coimbatore Institute of Technology - Coimbatore - 641 014  
(Conducted through Google Meet)**

**DATE : 17-04-2021  
TIME : 10.30 a.m.**

**MEMBERS :**

- |    |   |                                      |
|----|---|--------------------------------------|
| 1. | Dr.V.Selladurai   | CHAIRMAN                             |
| 2. | Dr.R.Sriram<br>Dean - Examinations  | Member Secretary                     |
| 3. | Dr.M. Nataraj<br>Principal i/c, Government College of Engineering<br>Tirunelveli - 627 007  | University Nominee                   |
| 4. | Dr.C. Nagamani<br>Professor HAG<br>Dept. of Electrical and Electronics Engineering<br>National Institute of Technology<br>Tiruchirappalli - 620 015 | University Nominee                   |
| 5. | Dr. Umesh Chandrasekhar<br>Professor of Emeritus<br>Dept. of Management Studies<br>PSG College of Technology, Peelamedu,<br>Coimbatore - 641 004    | University Nominee                   |
| 6. | Dr.T. Alwarsamy<br>Principal<br>Government College of Engg.<br>Bargur   | Government Nominee                   |
| 7. | Mr. Madeswaran<br>Managing Director<br>KSNM Marketing<br>SF/No. 29/1B , Onapalayam<br>Vadavalli to Thondamuthur Road<br>Coimbatore - 641 109        | Governing Body Nominee<br>(Industry) |
| 8. | Mr. K. Durgasharan<br>Director<br>Versa Drives Private Ltd.,<br>38 B, Vadukkuthottam Post<br>Idigarai<br>Coimbatore - 641 022                       | Governing Body Nominee<br>(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)
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15.	Dr.A. Rajeswari HOD - ECE & Dean - Academic	Member
16.	Dr.G. Kousalya HOD- CSE	Member
17.	Dr.A.Kunthavai HOD-CSE (incharge)	
18.	Dr.N.K. Karthikeyan HOD – IT	Member
19.	Dr.M. Thirumarimurugan HOD - Chemical Engg. & Dean – International affairs	Member
20.	Dr.N. Muthukumarasamy HOD – Physics & Dean - R & D and Industry Collaboration	Member
21.	Dr.V. Manikandan Dean – Planning	Member
22.	Dr.N. Nagaveni HOD - Mathematics	Member



23.	Dr.E.P. Subramaniam HOD - Chemistry	Member
24.	Dr.P. Santhi HOD - Humanities	Member
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29.	Dr. J. Shana HOD - Artificial Intelligence and Machine Learning	Member
30.	Dr.R. Sathyanarayan Sridhar Professor - Civil Engineering & Deputy Controller of Examinations	Member
31.	Dr. M. Mandhirasalam Librarian & Dean - Academic & Research resource assistance	Member
32.	Dr.R. Sampath Physical Director & Dean - Extra Curricular and Inter Collegiate Activities	Member
33.	Dr.T. Sridhar Professor - Mechanical Engineering	Member
34.	Dr.J. Devishree Associate Professor- EEE	Member
35.	Dr. M. Poongothai Associate Professor - ECE	Member
36.	Dr.D.Prabakaran Professor - Chemical Engineering	Member
37.	Dr. K. Amsakala Associate Professor - CSE	Member



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- |     |   |                 |
|-----|---|-----------------|
| 38. | Dr.B. Gokila<br>Associate Professor – Mathematics   | Member          |
| 39. | Dr.R. Maheswari<br>Assistant Professor - Humanities | Member          |
| 40. | Dr.R.Jayanthi<br>Teaching Learning Center           | co-opted Member |

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

Dr.C. Nagamani Professor HAG Dept. of Electrical and Electronics Engineering National Institute of Technology Tiruchirappalli - 620 015	University Nominee
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Mr. Madeswaran Managing Director KSNM Marketing SF/No. 29/1B , Onapalayam Vadavalli to Thondamuthur Road Coimbatore – 641 109	Governing Body Nomine (Industry)
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Mr. K. Durgasharan Director Versa Drives Private Ltd., 38 B, Vadukkuthottam Post Idigarai Coimbatore – 641 022	Governing Body Nomine (Industry)
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Dr. J.V. Ramasamy Dean – Academic P.S.G. College of Technology Coimbatore – 641 004	Governing Body Nomine (Academic)
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Dr.S. Vasantha Professor - Physics	Member
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**ITEM NO : 1**

The following communications were received from Anna University, Chennai and Government of Tamilnadu.

**a) GOVERNMENT OF TAMILNADU**

- (i) Due to Corona Virus, Government directs all the Higher Educational Institutions under the control of Higher Education Department and Deemed Universities to conduct class online from 22-03-2021 with six days working. All Practical classes and practical examinations for Science/ Engineering/ Polytechnic stream students shall be completed before 31-03-2021 especially for the final semester students under **online exam** mode vide letter No. G.O. (Ms) No. 327 dated 22-03-2021.

**b) ANNA UNIVERSITY - CHENNAI**

- (i) Conduct of Theory examinations for April/May 2021 for UG/PG students through online mode vide. G.O.Ms.No.327 dated 22-03-2021.
- (ii) Syndicate permitted the Autonomous colleges, affiliated to the Anna university to conduct arrear examinations for the Candidates who have exhausted the maximum period as per regulations and allow them as a special case for three attempts during August/September 2021, February 2022 and August 2022 - reg.  
Vide Letter No.1900/COE/C20-C30/SPexam/2021 dated 01-04-2021.

**ITEM NO : 2**

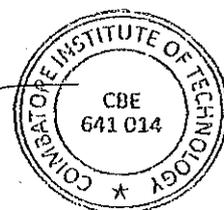
The Standing Committee recommended and **Dr. V. Selladurai** moved that the recommendations of **Board of studies of Science and Humanities / Computer Science and Engineering** to implement the new programmes and approve the regulation, curriculum and syllabi applicable from the Academic Year 2021 - 2022 under self - supporting scheme.

- (i) MBA (Intake 60)  
(ii) B.Tech. Artificial Intelligence and Data Science (intake 60)

as suggested in the **Board of Studies of Science and Humanities / Computer Science and Engineering** meeting held recently be approved.

Dr. R. Sathyanarayan Sridhar seconded the move.

The move was put to vote and carried.



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**ITEM NO : 3**

The Standing Committee recommended and **Dr. V. Selladurai** moved that the recommendations of **Board of studies – Chemical Engineering / Civil Engineering** for the closure of the following programmes from the Academic year 2021 – 2022 under self - supporting scheme be approved.

- (i) M.Tech- Nano Science and Technology (Intake 18)
- (ii) B.E-. Civil Engineering (One Division Intake 60)

Dr. R. Sathyanarayan Sridhar seconded the move.

The move was put to vote and carried.

**ITEM NO : 4**

The Standing Committee recommended and **Dr.V.G.Srisanthi** moved the recommendations of the Research Board to include

**1. 19CEPH01 Corrosion Engineering**

in the list of elective courses offered for Ph.D. students of **Civil Engineering ( 2020-21 and subsequently )** be approved.

Dr. R. Sathyanarayan Sridhar seconded the move.

The move was put to vote and carried.

**ITEM NO : 5**

The Standing Committee recommended and **Dr. P.Shanthi** moved that the recommendations of **Board of studies – First Year** to implement the following the following one Credit Courses be introduced for III Year B.E. / B.Tech. Students under 2019 regulations.

Semester V – Employability and Personality Development Skills – I  
Semester VI - Employability and Personality Development Skills – II

These courses will be assessed under Continuous Assessment Scheme. The credits earned shall be over and above the total credit requirement and shall not be counted for GPA calculation be approved.

Dr. R. Maheswari seconded the move.

The move was put to vote and carried.



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**ITEM NO : 6**

The Standing Committee recommended and **Dr. R. S. Somasundaram** moved that the recommendations of **Board of studies - Computer Applications** to implement the following Curriculum and Syllabi for of **M.C.A. degree programme** for the students to be admitted during 2020-2021 and subsequently be approved.

Second Semester to Fourth Semester - Curriculum and Syllabi

Dr. B.Gokila seconded the move.

The move was put to vote and carried.

**ITEM NO : 7**

The Standing Committee recommended and **Dr. R. S. Somasundaram** moved that the recommendations of **Board of studies - Computer Applications** to implement the following Curriculum and Syllabi for of **M.C.A. degree programme** for the students to be admitted during 2020-2021 and subsequently be approved.

First Semester & Second Semester - Curriculum and Syllabi for Bridge Course

Dr. B.Gokila seconded the move.

The move was put to vote and carried.

**ITEM NO : 8**

The Standing Committee recommended and **Dr. R. S. Somasundaram** moved that the following students may be exempted from the elective courses during their V semester for the 2019 - 2022 batch candidates who have completed equivalent online NPTEL courses.

ROLL NO	NAME	COURSE NAME	DURATION	CREDIT POINTS	MCA - Elective Course
1951002	BALA CHANDHRU J	INTRODUCTION TO INTERNET OF THINGS	12WEEKS	3	18MCAE06/ Internet of Things
1951007	J AISRI C	INTRODUCTION TO INTERNET OF THINGS	12 WEEKS	3	18MCAE06/ Internet of Things
1951010	MARUDHANAYAGAM.S.S	INTRODUCTION TO INTERNET OF THINGS	12 WEEKS	2	18MCAE06/ Internet of Things
1951026	THARANI.S	INTRODUCTION TO INTERNET OF THINGS	12 WEEKS	3	18MCAE06/ Internet of Things



The following students may be given additional credits during their V semester for the 2019 - 2022 batch candidates who have completed online NPTEL courses.

ROLL NO	NAME	COURSE NAME	DURATION	CREDIT POINTS
1951001	K.E.ABITHA	PRIVACY AND SECURITY IN ONLINE SOCIAL MEDIA	8 WEEKS	2
1951003	S.DHIVYA	GRAPH THEORY	8 WEEKS	2
1951019	SANGEETHA.Y	PRIVACY AND SECURITY IN ONLINE SOCIAL MEDIA	8 WEEKS	2
1951025	SILVANUS MANUEL M	PRIVACY AND SECURITY IN ONLINE SOCIAL MEDIA	8 WEEKS	2
1951023	M.SHANMUGHAPRIYA	PRIVACY AND SECURITY IN ONLINE SOCIAL MEDIA	8 WEEKS	2
1951027	VIGNESH KUMAR.P	PRIVACY AND SECURITY IN ONLINE SOCIAL MEDIA	8 WEEKS	2
1951013	NALLAPPERUMAL C	PRIVACY AND SECURITY IN ONLINE SOCIAL MEDIA	8 WEEKS	2

Dr. B.Gokila seconded the move.

The move was put to vote and carried.



PRINCIPAL & CHAIRMAN  
ACADEMIC COUNCIL

Dr. V. SELLADURAI, ME., Ph.D.  
FIE., FIEE., Sr.M (ORSI) LM (SSI)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA

# COIMBATORE INSTITUTE OF TECHNOLOGY

(A Government Aided Autonomous Institution Affiliated to Anna University, Chennai)

COIMBATORE - 641014

## DEPARTMENT OF CHEMICAL ENGINEERING

### MINUTES OF BOARD OF STUDIES MEETING

**Date: 19.03.2021 (Saturday)**

Dr.M. Thirumarimurugan, the chairman, Board of Studies extended a warm welcome to all the participants present in the virtual meet held on 19<sup>th</sup> March by 10:30 am and he thanked every member for sparing their precious time to participate in the meeting.

**Google Meet ID: <https://meet.google.com/mnr-naze-sea>**

At the outset chairman gave brief introduction about University Nominee, Subject Experts and experts and proposed the agenda of meeting. The main agenda of meeting was to scrutinize the Professional /Open Electives & One credit courses of B.Tech. Chemical Engineering Curriculum and syllabi (Regulation -2019).

The following are the comments and suggestions were provided by the external experts during the meeting:

1. As per the suggestions proposed by Internal members and Expert members, the following subjects are included in the B.Tech. Chemical Engineering, Curriculum as Professional Electives

- ❖ E31 Carbon Capture
- ❖ E32 Material Science and Technology
- ❖ E33 Bioprocess Technology
- ❖ E34 Pilot Plant Scaleup Methods

2. It has been recommended by Dr.T.K. Radhakrishnan to change the title of OC07 as 'Environmental Impact Assessment and Audit' and He also recommended to

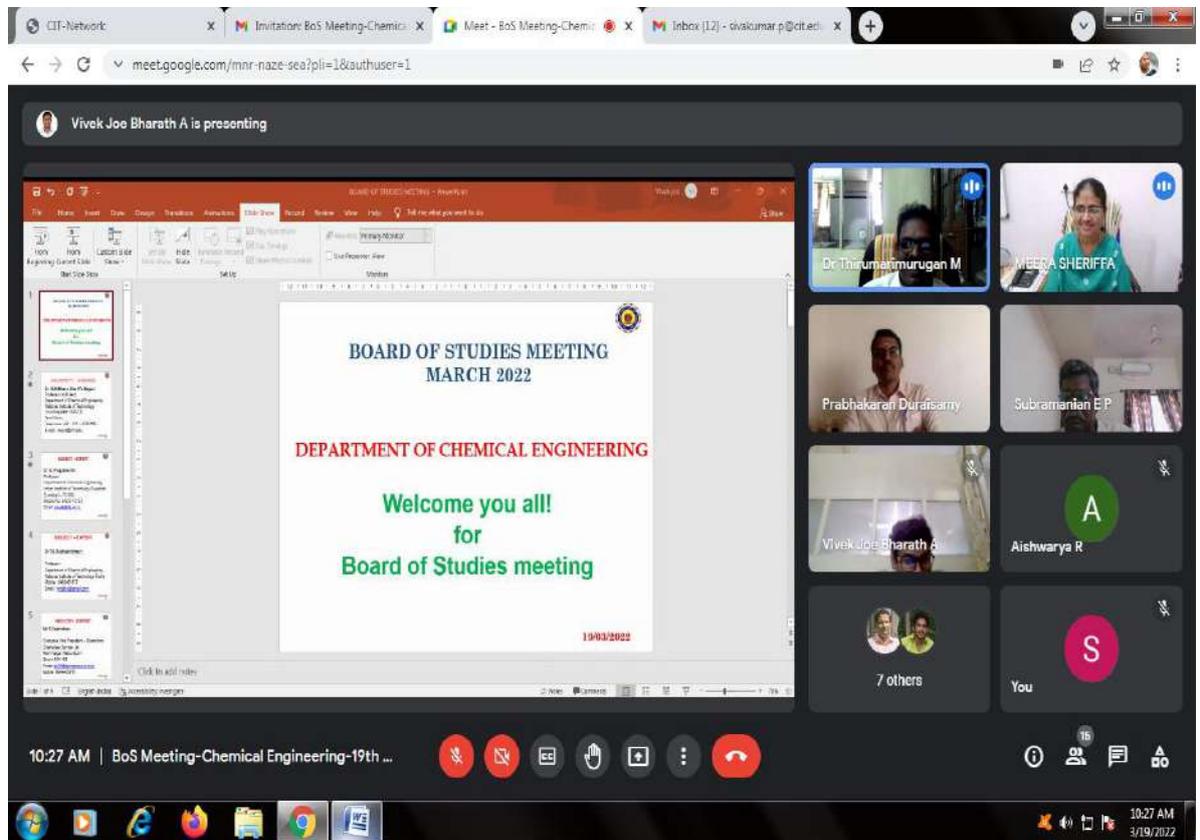
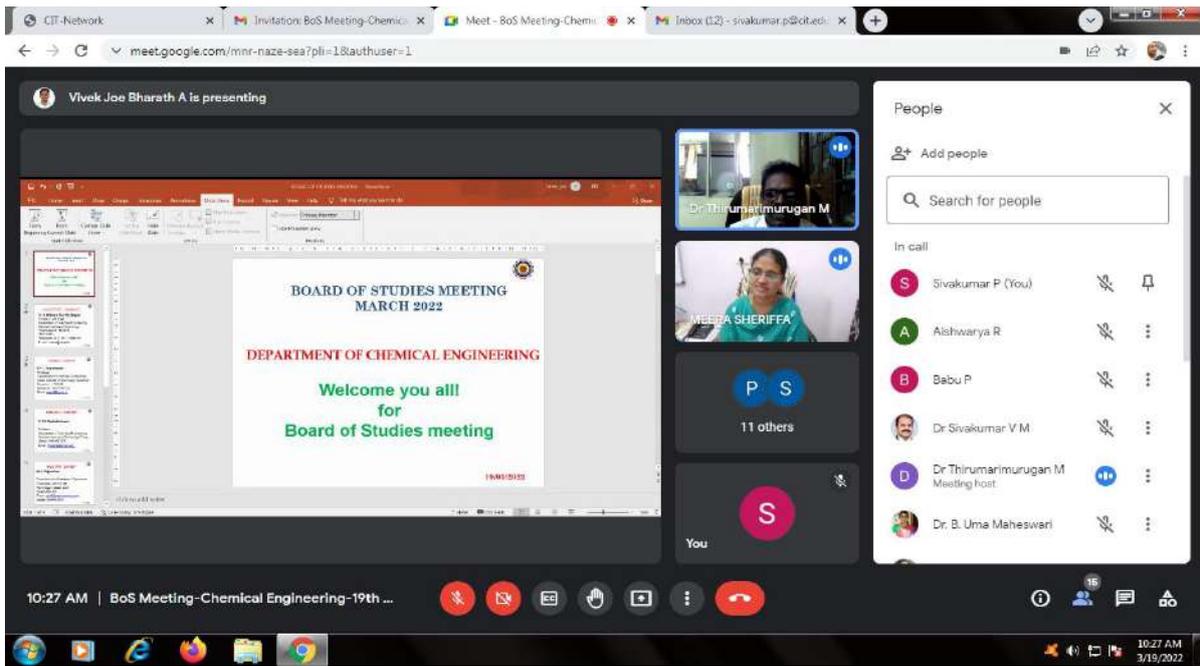
move OC-30 Pinch Technology under the category 'Energy-nano Technology Courses (Group-IV)'.

3. Dr.K.M.MeeraSheriffa Begum has suggested to move one credit course named 'OC-37 Drug Delivery Systems' under the category 'Energy-Nano Technology Courses (Group-IV)'
4. Dr.G.Pugazhenthii have recommended to change one credit course 'OC38' as NPETL/MOOC Certification Courses.

In addition to the above recommendations and suggestions, following amendments were proposed by expert members to implement in the next syllabus book revision.

1. Title of the Unit-5 in the Elective subject 'E05 Renewable Energy' should be renamed as 'Energy Conservation Techniques' instead of 'Energy Conversion Techniques'.
2. It was suggested to include the emerging topic on 'Fuel Cell' in the subject 19CH74 Electrochemical Engineering.
3. Title of Professional Elective 'E-23' should be changed as 'Energy Resources and Management' instead 'Energy Technology'.
4. Moreover, there was a suggestion to include topic named 'Photolysis' in the elective 'E-23'.
5. It was suggested to include 'Simulation based Process Control Experiments' in the Laboratory named '19CHL77 Process Control and Simulation Laboratory'.
6. There was a suggestion to introduce an experiment relevant to absorption in '19CHL67-Mass Transfer Laboratory'

**Dr.M.THIRUMARIMURUGAN**  
**Chairman**  
**Board of Studies**  
**Department of Chemical Engineering**



[GIT-Network](#) | [Invitation: BoS Meeting-Chemical Engineering-19th ...](#) | [Meet - BoS Meeting-Chemical Engineering-19th ...](#) | [Inbox \(12\) - sivakumar.p@oite.edu](#)

[meet.google.com/mnr-naze-sea?pli=1&authuser=1](#)

Vivek Joo Bharath A is presenting

10:29 AM | BoS Meeting-Chemical Engineering-19th ...

10:29 AM 3/19/2022

[GIT-Network](#) | [Invitation: BoS Meeting-Chemical Engineering-19th ...](#) | [Meet - BoS Meeting-Chemical Engineering-19th ...](#) | [Inbox \(12\) - sivakumar.p@oite.edu](#)

[meet.google.com/mnr-naze-sea?pli=1&authuser=1](#)

10:28 AM | BoS Meeting-Chemical Engineering-19th ...

10:28 AM 3/19/2022

## Minutes of the 34<sup>th</sup> Board of Studies Meeting in the Department of Civil Engineering

- Minutes of the meeting of the Board of Studies in Civil Engineering held on Saturday, the 8<sup>th</sup> May, 2021 at 10.00 A.M at Coimbatore Institute of Technology, Coimbatore - 641014 to review the syllabus of B.E Civil Engineering, B.E Part time-Civil Engineering and PG Civil Engineering Programs.
- Dr.V.G.Srisanthi, HOD, Civil Engineering Department welcomed the members and initiated the discussions by requesting the external members Dr.R.Thenmozhi, Dr.S.T.Ramesh, Dr.S.Thirugnanasambandam, Er.S. Sivalingam and Er.ArunPrasath to review the syllabus for both UG and PG courses as per agenda and to suggest changes/modifications if any.
- Dr.V.G.Srisanthi first presented vision and mission of the Department of Civil Engineering with Programme Educational Objectives (PEO), Programme Outcomes (PO) and Programme Specific Outcomes of UG course. PO, PEO and PSO were refined based on discussion in Department meetings, Programme Advisory Committee meetings, stakeholders meetings and based on AICTE Curriculum. Later, the overview of approved curriculum in the previous meeting was presented first. The board then discussed in length the newly added professional electives and their syllabus and suggested various additions and alterations in the proposed syllabus.
- Dr.V.G.Srisanthi mentioned to BOS members that Institute approved one credit courses "English for Employability - I" and "English for Employability - II" in fifth and sixth semester for B.E Civil Engineering students.
- The following suggestions were made by external members for B.E Civil Engineering programme (Full time and Part time).
  - a) The external member Dr.R.Thenmozhi suggested including subjects such as 3D Printing of Building, Artificial Intelligence, Sustainability in Building construction as one credit courses. The title of elective subject "Optimization in Civil Engineering" to change as "Optimization Techniques in Civil Engineering".

*R. Thenmozhi*  
*Head*

V. G. S.  
H.O.D., (CIVIL)  
C.I.T., Coimbatore - 14



- b) The external member Dr.S.T.Ramesh suggested to consider including subjects recommended by AICTE curriculum such as "Intelligent Transport Systems in Transportation Engineering", "Reliability analysis of structures", "Green Building concepts and materials" as professional electives. He also suggested changing the elective subject title as "Building services and systems".
- c) Dr.S.Thirugnanasambandam suggested changes in the third unit of the elective subject "Building services and systems engineering". He suggested including only contents such as types of refrigeration, recent developments in refrigeration, load calculation and costing, maintenance with plumbing and water supply system.
- d) The external member Er.S.Sivalingam, Renowned CIT Alumni, shared his observations on the syllabus of UG Civil Engineering programme. He suggested changing the title of Pavement Engineering as Pavement and Drainage Engineering. He also suggested introducing acoustic concepts in the elective subject "Building services and systems engineering".
- e) Er. ArunPrasath appreciated the inclusion of construction management courses and suggested including principles of illumination and design in the elective subject "Theory of Architecture". He also suggested including one credit course "Orientation of Buildings".
- All these suggestions were discussed in the meeting and it was decided that efforts would be made by the chairperson Dr.V.G.Srisanthi to implement all the suggestions wherever possible.
  - The meeting came to the end with vote of thanks proposed by Dr.V.G.Srisanthi, Head of Department, Civil Engineering.

*S. S. Prasad*  
*K. S. Prasad*

*V. G. Srisanthi*  
H.O.D., (CIVIL)  
C.I.T., Coimbatore - 14



COIMBATORE INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF ELECTRONICS & COMMUNICATION  
MINUTES OF BOARD OF STUDIES MEETING HELD ON 19.10.2020

Minutes of Board of studies meeting of Electronics and Communication Engineering branch held on 19.10.2020 at 4.00 PM through online mode.

The following discussions were made:

UG curriculum and syllabi for the students admitted from 2019 onwards,

Inclusion of new PG/UG profession elective/one credit courses,

Internship courses conducted for the students admitted from 2015/2019 onwards.

The following members were present during the meeting

1. Dr. A. Rajeswari
2. Dr. M. Shanthi
3. Dr. G. Nagarajan
4. Dr. V. Krishnaveni
5. Mr. V. V. Pathy
6. Dr. S. Uma Maheswari
7. Dr. S. Uma
8. Prof. P. Chitra
9. Prof. T. Senthil Vinayakam
10. Dr. M. Poongothai
11. Dr. G. Puvanewari
12. Dr. I. S. Akila
13. Dr. B. Premalatha
14. Dr. T. Balakumaran
15. Dr. G. Christina
16. Ms. T. Shubaga Pradeepa

17. Dr B. Bhuvaneshwari
18. Ms. M. Ramya
19. Ms. T. Yathari
20. Ms. K. M. Priya
21. Ms. C. Subha Priyadharshini
22. Mr. P. Muthu Subramanian
23. Ms. Cynthia Joseph
24. Ms. K. Harini
25. Ms. D. Diana Josephine
26. Ms. V. Sowmya
27. Ms. M. Abitha Thangam
28. Ms. S. Dhanalakshmi
29. Ms. S. Baladharalakshmi
30. Mr. C. Vinoth Kumar
31. Mr. P. Satheesh Kumar
32. Ms. V. Gowri Priyas
33. Ms. R. Soundharya Rani
34. Ms. N. Deepa
35. Ms. R. Nithyslakshmi
36. Ms. S. Yazhini
37. Mr. K. Muralidharan

The following members expressed their inconvenience to attend the meeting

1. Ms. Arthi Subramanian
2. Ms. R. Kalairam
3. Ms. T. Loganayagi

The following discussions were made

- A detailed discussion was made on B.E., ECE, v to VI semester curriculum & Syllabi (for the students admitted from 2019 onwards)
- Inclusion of new one credit course MECOC01 - Basics of Python for the students

of B.E, ECE admitted from 2019 onwards

- Discussion on the Internship courses C coding, Digital Circuit Design & VHDL based circuit design, Analog Circuit design, Antennas and RF Circuit design using HFSS, Online Training in Electronic modules for Industrial Applications using OP-Amps conducted for the students admitted from 2015 and onwards

The following are recommendations given by the committee members:

- To include microwave Engineering and optical communication as a single subject

- To include Digital Image Processing subject as core and machine learning as an elective subject.

- To revise the contents in the syllabus of the following subjects - control systems, Digital processing, Embedded systems and IOT, Antennas, VLSI Design, Digital Communication and Data Communication & Networks.

- To include one credit courses on RF measurement Tools and Techniques, Device characterization Basics offered by Keysight Technologies India Pvt Ltd, Bangalore.

Rajm

# **COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE-14**

## **DEPARTMENT OF COMPUTING-AI&ML**

### **MSc.ARTIFICIAL INTELLIGENCE & MACHINE LEARNING**

**BOARD OF STUDIES MEETING, 7<sup>th</sup> APRIL 2021-Online @10.00AM**

#### **MINUTES OF BoS MEETING**

The board of studies meeting for MSc. AI&ML to discuss the curriculum and syllabi of Semester V (2019 Regulations) was held online on 7-04-21 attended by the external and internal members of the Board.

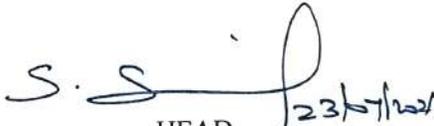
1. Parasuram Balasubramian recommended to include the following courses if it has not been included.
  - Bioinformatics
  - Voice & speech Recognition and
  - Natural Language Processing
2. Dr.U.Dinesh suggested to include the following courses.
  - Story telling in data
  - AI in sports or Sports Analytics
3. Dr.U.Dinesh and Dr.Mathirajan suggested to reduce the credits to 2 or 1.5 if rules permit for courses like AI in Healthcare, AI in Transportation.
4. Dr.Krishnamoorthy suggested to have a generic name for the course that includes all applications rather than reducing the credits.
5. Dr.Arun Rajagopalan recommended to verify the if courses like Brain-Machine Interface and Quantum Machine Learning could be offered in this curriculum.
6. Dr.Krishnamurthy recommended to include Compiler Design course so that students may be able to write GATE exams for higher studies.

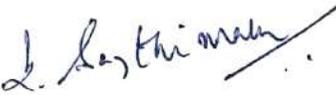
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTING**  
**Board Of Studies Meeting held on 07.05.2021**  
**M.Sc(Data Science) – Minutes of the Meeting**

The Courses of Study and Syllabi for I and II Semester were discussed and passed in the Board Of Studies meeting held on 07.05.2021.

The following are the suggestions given by the members of Board of Studies:

1. Dr. U. Dinesh Kumar suggested renaming 21MDS45 Machine Learning I and 21MDS52 Machine Learning II as Machine Learning and Deep Learning, respectively.
2. Dr. M. Mathirajan suggested renaming 21MDS51 Operations Research I and 21MDS61 Operations Research II as Operations Research and Stochastic Models, respectively.
3. Dr. K. Vivekanandan and Dr. G. Zayaraz suggested introducing a programming course (Theory or Laboratory) on “C” or “C++” in the curriculum.
4. Dr. Arun Rajagopalan suggested including Federated Learning as an elective course.

  
HEAD  
Department of Computing-Data Science  
(S. Suganthi)

  
CHAIRMAN  
Board Of Studies-Computing