

COIMBATORE INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institute, Affiliated to Anna University, Chennai

Approved by AICTE, New Delhi, Accredited by NAAC with 'A' Grade

Vellimalaipattinam, Narasipuram(po), Coimbatore- 641 109

DEPARTMENT OF MECHANICAL ENGINEERING

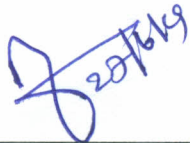
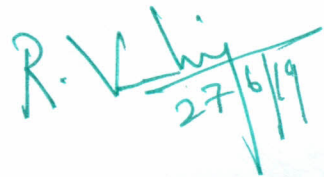

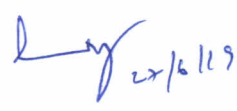
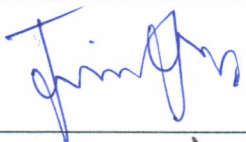
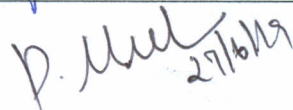
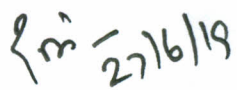

MINUTES OF THE FIRST MEETING OF BOARD OF STUDIES

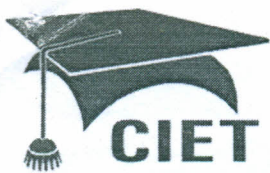
Venue : Board Room

Date : 27.06.2019

Time : 10:00 AM

Members Present:

S. No.	Name and Designation	Position in Committee	Signature with Date
1.	Dr.T.V.Arjunan, Professor & Head of the Department Department of Mechanical Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore-641109	Chairman	 27/6/19
2.	Dr. R. Velraj, Professor and Director, Institute of Energy Studies, Department of Mechanical Engineering, College of Engineering, Guindy Anna University, Chennai-600025	University Nominee	 27/6/19
3.	Dr.S.P.Anbu Udaya Sankar, Associate Professor, Department of Mechanical Engineering, Amrita University, Coimbatore-641112	Subject Expert	 27/6/19
4.	Dr.V.Prabhu Raja, Professor, Department of Mechanical Engineering, PSG College of Technology, Coimbatore-641004	Subject Expert	 27/6/19
5.	Mr.Visvanathan Kannian, Vice President (Operations), Simgrosys Consulting Services Pvt Ltd., Coimbatore- 641 004	Industry Representative	 27/6/2019
6.	Mr.Meenakshi Sundaram, Assistant Manager (Design and Development), Janatics India Private Limited, Coimbatore – 641 021.	Alumni	 27/6/19
7.	Dr.D.Seenivasan Professor, Department of Mechanical Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore-641109	Member	 27/6/19
8.	Dr.S.Vijayan Associate Professor, Department of Mechanical Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore-641109	Member	 27/6/19




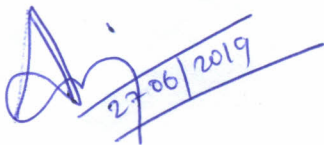

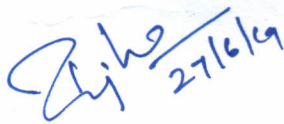



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9.	Mr.D.Saravanan Associate Professor, Department of Mechanical Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore-641109	Member	 27/6/19
10.	Mr.N.Sadanandam Associate Professor, Department of Mechanical Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore-641109	Member	 27/6/19
11.	Mr.L.N. Sureshkumar Associate Professor, Department of Mechanical Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore-641109	Member	 27/6/19
12.	Mr.M.Arulraj Assistant Professor, Department of Mechanical Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore-641109	Member	 27/06/2019
13.	Mr.L. Venkatesh Assistant Professor, Department of Mechanical Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore-641109	Member	 27/6/19
14.	Mr.V.Rajkumar Assistant Professor, Department of Mechanical Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore-641109	Member	 27/6/19
15.	Mr. M.Sowrirajan Assistant Professor, Department of Mechanical Engineering, Coimbatore Institute of Engineering & Technology, Coimbatore-641109	Member	 27/6/19

Agenda:

- i. Approval of Scheme, Regulation and Syllabi for the final year students admitted during the academic year 2016-17.
- ii. Approval of Scheme, Regulation and Syllabi for the second and third-year students admitted during the academic year 2017-18 onwards.
- iii. Approval of Scheme and Regulation for the batch of students to be admitted in the academic year 2019-20 onwards under Regulation 2019.
- iv. Approval of Syllabi for the categories Humanities and Social Sciences(HS), Basic Sciences(BS) and Engineering Sciences(ES) for regulation 2019 under CBCS for the batch of students to be admitted in the academic year 2019-20 onwards.
- v. Approval of Scheme, Regulation and syllabi for the M.E. (Engineering Design) students to be admitted in the academic year 2019 – 20 onwards under Regulation 2019.
- vi. Approval of Panel of Examiners and Question Paper Setters.
- vii. Any other matter with the permission of the chair.

The meeting commenced with welcome address by the Chairman, Dr.T.V.Arjunan. Then various items of agenda were taken up for discussion and after detailed discussion, the following suggestions were given by the members of board of studies.

- i. The title of “Logic Design and Programming” can be renamed as “C Programming”.
- ii. Credit for the subject ‘Engineering Graphics’ to be reduced from five to four.
- iii. The unit “Plane Curves” in Engineering Graphics course may be removed and the rest of the syllabus content to be redistributed as 5 units.
- iv. The Strength of Materials and Fluid Mechanics and Machinery laboratory courses need to have two separate laboratory courses.
- v. The title of the subject ‘Design of Transmission System’ can be renamed as ‘Design of Transmission Elements’.
- vi. Finite Element Analysis and Finite Element Analysis laboratory courses are to be combined as embedded course.
- vii. The title of “Mechatronics and Robotics Laboratory” shall be renamed as “Automation Laboratory”.
- viii. The Professional electives shall be grouped into stream wise like thermal, design and manufacturing etc.
- ix. Mandatory courses (Induction programme, Environmental Science and Indian Constitution) are to be included in the scheme under regulation 2019.
- x. The courses Plastic Engineering, Integrated Product Design, Design of Automotive System, Welding Technology, IOT for Mechanical Engineering Applications, Operational Research shall be included in professional core category.

P.G course: ME-Engineering Design

1. In the subject title 'Advanced Numerical Methods', the syllabus of all units to be rearranged and modified based on the applications
2. In the subject 'Advanced Finite Element Analysis', Unit IV title to be renamed as 'Fluid flow and Heat transfer'. Also, the content is more and that must be reduced with the specific applications. In reference part, serial number 3 book to be changed with book 'A First Course in the Finite Element Method' by Daryl Logan
3. In the course Advanced Strength of Materials, plasticity content also to be added along with elasticity.
4. The course title 'Computer Applications in Design' to be modified as Geometric Modelling in Design.
5. Grammatical correction to be done in the title of Unit II and the title of Unit V to be renamed as 'Design for Environment' for the course "Design for Manufacture and Assembly".
6. Course 'Rapid Prototyping and Tooling' to be renamed as 'Additive Manufacturing'
7. Course titles starts with 'Advanced' to be avoided as much as possible.
8. Unit titles start with 'Introduction' to be modified with respect to the specific content of the respective units
9. Application oriented content may be provided to the extent possible in all the courses

After much deliberation, the following resolutions were passed.

Item 1.1: Resolved to approve the Scheme, Regulation and Syllabi for the final year students admitted during the academic year 2016-17.

Item 1.2: Resolved to approve the Scheme, Regulation and syllabi for the second and third-year students admitted during the academic year 2017-18 onwards.

Item 1.3: Resolved to approve the Scheme and Regulation for the batch of students to be admitted in the academic year 2019-20 onwards under Regulation 2019.

Item 1.4: Resolved to approve the Syllabi for the categories Humanities and Social Sciences(HS), Basic Sciences(BS) and Engineering Sciences(ES) for regulation 2019 under CBCS for the batch of students to be admitted in the academic year 2019-20 onwards.

Item 1.5: Resolved to approve the scheme, regulation and syllabi for the M.E. (Engineering Design) students to be admitted in the academic year 2019 – 20 onwards under Regulation 2019.

Item 1.6: Resolved to approve the list of Examiners and Question Paper Setters.

Finally, the Chairman thanked all the members of the Board of Studies for their active participation, valuable suggestion and contribution made for recommending the syllabi for first and second semester of B.E Mechanical engineering and M.E Engineering Design for regulation 2019.

The meeting concluded by 1.30 P.M.


CHAIRMAN

Dr. T. V. ARJUNAN, M.E., Ph.D.
Professor and Head,
Department of Mechanical Engineering,
Coimbatore Institute of Engineering and Technology,
Narasipuram Post, Thondamuthur (Via),
Coimbatore-641 109.