



MUTHAYAMMAL ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi, Accredited by NAAC, NBA & Affiliated to Anna University)

Rasipuram - 637 408, Namakkal Dist., Tamil Nadu.

Department of Mechanical Engineering

Minutes of 4th Board of Studies Meeting

Venue: Mechanical Research Centre

Date: 22.05.2019

- | Sl.No. | Members |
|--------|---|
| 1. | Dr.R. Thanigaivelan – Chairman, Board of Studies
Professor & Head,
Department of Mechanical Engineering
Muthayammal Engineering College
Rasipuram-637408. |
| 2. | Dr. D. Mohanlal - University Nominee
Professor & Head,
Refrigeration and
Air Conditioning Division,
Anna University
Chennai-25. |
| 3. | Dr. D. Chakradhar – External Subject Expert
Assistant Professor
Department of Mechanical Engineering
Indian Institute of Technology
Palakkad, Kerala 678 557 |
| 4. | Mr. V. Venushankar- Industry Expert
Proprietor, Pearl Industries
Ganapathy, Coimbatore 641 006 |
| 5. | Mr. K. Balaji- Alumni
Lead Engineer – R&D
HCL Technologies,
Bangalore. |
| 6. | Dr. S. Sundaram – Member
Prof & Dean/Mech - MEC |

7. **Dr. K. Gunasekaran- Member**
Professor/Mech - MEC
8. **Dr. P. Suresh - Member**
Professor/Mech & COE- MEC
9. **Dr. N. Natrajan - Member**
Professor/Mech - MEC
10. **Dr. V.L. Raja - Member**
Professor/Mech - MEC
11. **Mr. R. Senthil Kumar- Member**
Professor/Mech - MEC
12. **Dr. D. Velmurugan - Member**
ASP/Mech - MEC

Minutes of Meeting

- The Chairman welcomed all the members for the 4th Board of Studies Meeting of the Mechanical Engineering Board.
- It was suggested by the Anna University nominee that all the courses grouped under mandatory courses should be offered in the curriculum. Lesser number of Mandatory courses can be offered in the curriculum only. If the regulations allowed that or else the group of the courses should be renamed as add it courses.
- There shall be an online committee to suggest the students to register for an online course (eg.) Swayam, NPTEL. It was recommend to have a procedure to evaluate the authenticity of online course.
- The total Credits necessary to attain an Under Graduate degree in Mechanical Engineering need not to be 160 as advised by the AICTE. In the CBCS, the credits may increase depending upon the course selected.
- The Anna University Nominee, ~~pointed out, the~~ Industry Expert and the External Subject Expert unanimously emphasized the need of Engineering Drawing Course for I & II Semester students of all disciplines. Moreover, it should be taught to draw manually rather than using computers. In the syllabus, usage of computers for Engineering Drawing could be added as a last unit.

- It was also suggested that the course Engineering Drawing shall be taught for two semesters as Engineering Drawing I and Engineering Drawing-II.
- The names of all practical subjects shall be renamed as 'Laboratories' instead of 'Labs'.
- The title of the course Maths-III could be renamed as Engineering Mathematics.
- The subject named CAD/CAM/CIM could be renamed as Computer Aided Design and Manufacturing. In that subject 3 units shall comprise Computer Aided Drawing and 2 units shall be related to Computer Aided Manufacturing.
- It was insisted that the special characters should be avoided while naming the courses.
- The course named 'Unconventional Machining Processes' could be renamed as Advanced Machining Processes.
- It was mentioned to include 'Metrology and Measurements' instead of the course 'Instrumentation and control'. The course shall incorporate the measurements of speed, temperature, pressure and flow of fluids and data logging.
- The panel members unanimously emphasized that URL's should not be included in the syllabus for any course.
- The course Assembly Drawing shall be included as a continuation of Engineering Drawing.
- The list of courses and scheme and syllabi for foundation courses (EC), Professional Core (PC), Professional Elective (PE), and Employability Enhancement Courses (EEC) for R2019 under Choice Based Credit System (CBCS) for the batch of students admitted in 2019-2020 in M.E- CAD/CAM Programme.
- The course named Comprehension Lab could be changed as Seminar. The students should present a presentation of some published papers in referred Journals.
- The subject named 'Simple Design and Analysis Project' could be renamed as 'Design and Analysis Project'
- It is insisted that Industry tie-ups are must for the post graduate students to get training, internships, etc.,
- The syllabus of the course 'Competitive Manufacturing Systems' could be revamped.
- The subject named 'Computer Applications in Design' could be renamed as 'Computer Aided Design'.

- It is suggested by the external subject expert that the Internships should be made as mandatory.
- The members also pointed out the summer training for 4 weeks in industries could be incorporated in the syllabus.
- Finally the Chairman thanked to all the members for their Presence and also for their Valuable Suggestions towards the important of the Curriculum and Syllabus of the Mechanical Engineering.

22/5/19
Chairman-Board of Studies
Department of Mechanical Engineering
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