



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 5th Board of Studies Meeting

Venue: Online Mode

Date: 18.05.2020

- | 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 & Air Conditioning Division
Anna University
Chennai-25. |
| 3. | Dr.T. Senthilvelan – External Subject Expert
Professor,
Department of Mechanical Engineering
Pondicherry Engineering College
Pondicherry |
| 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**
Professor & Dean/Mech-MEC
7. **Dr. K. Gunasekaran - Member**
Professor/Mech- MEC
8. **Dr. P. Suresh - Member**
Professor/ Mech & COE/MEC
9. **Dr. N. Natarajan – Member**
Professor/Mech - MEC
10. **Dr. R. Senthil Kumar- Member**
Professor/Mech - MEC
11. **Dr. S. Boopathi – Member**
Professor/Mech -MEC
12. **Dr. D. Velmurugan – Member**
ASP/Mech - MEC

Agenda

- The Anna University Nominee Suggested that the entire mandatory course included in the curriculum is with reference of UGC guide lines and AICTE Curriculum.
- R2019- Curriculum & Syllabi (I Sem to VII Sem) for Mechanical Engineering under choice Based Credit System (CBCS).
- R2019- Curriculum & Syllabi under Choice Based Credit system (CBCS) for M.E – CAD/CAM.

Minutes of Meeting

- The Chairman welcomes all the members for the first 5th Board of Studies Meeting of the Mechanical Engineering Board.
- The previous meeting minutes were discussed and rectified.
- All laboratory courses are separated from the theory courses and separate credits are assigned.
- Basics of French Language, Basics of Japanese Language, Life Skill Competency and Psychology are included in the Humanities and Social Science Courses (HS).
- Following Mandatory courses are included in the Basket

- Constitution of India and Professional Ethics
- Essence of Indian Traditional Knowledge
- Environmental Science and Engineering
- Number of Open Elective Options were increased & Provided from Semester V to VII
- The following New Elective Courses were introduced
 - Industrial Automation and Robotics
 - Energy Conservation in Industry
 - Cryogenic Engineering
 - Lean Manufacturing
 - Advanced Metrology
- The content for the Manufacturing Technology Syllabus was discussed and finalized.
- The inclusion of Subject 'Operation Research' is discussed and will be added in the professional elective list.
- Discussion about the content of 'Composite Materials' were discussed and finalized.
- The Humanities and Social Sciences courses (HS), Basic Science (BS) were discussed and finalized.
- General Engineering Science (ES) baskets and model Curriculum for the first year of Mechanical Engineering were discussed and finalized.
- The Industry Co-Teaching Course namely Auto Desk, Fusion 360, 3D Modeling Software course if included in the V Semester of R2019 Curriculum, Syllabus and approved by the members.
- R2019- Curriculum & Syllabi under Choice Based Credit System (CBCS) for M.E-CAD/CAM was discussed and finalized.
- Curriculum is suggested by Curriculum Development Committee (CDC) is reviewed and recommended.
- Discussed about the Curriculum considering the guidelines of UGC, AICTE, Premier Institutions, Foreign Universities, PEOs, POs and PSOs of the program and the views of the stakeholders.
- The attainment level of Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs) were discussed.

- Discussion about the Value Added Courses, Employability Courses, Entrepreneurship and Skill Development Courses which were suggested by the stakeholders is made.
- Finally the Chairman thank 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.

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18/5/2020

Chairman-Board of Studies
Department of Mechanical Engineering
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