



**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15**  
(Govt. Aided Autonomous Institution affiliated to Anna University)  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**MINUTES OF THE MEETING**

Date of the meeting: 18.12.21

Name of the meeting: Board of Studies Meeting – Mechanical Engineering

Attended by:

1.	Dr. K. Chockalingam	Chairman	15.	Dr. M. Elango	Member	29.		
2.	Dr.A.Arockia Rajan	External Member	16.	Dr. M. Balamurali	Member	30.		
3.	Dr.M.Rajmohan	External Member	17.	Dr. A. Samuel Raja	Member	31.		
4.	Dr.K.Mahadevan	Anna university Nominee	18.	Dr. M. Kannan	Member	32.		
5.	Mr.P.Lenin Pandian	External Member	19.	Dr. MS. Govardhanan	Member	33.		
6.	Dr. A. Valan Arasu	Member	20.	Prof.R.Sivasankaran	Member	34.		
7.	Dr. C. Paramasivam	Member	21.	Prof.T.Prakash	Member	35.		
8.	Dr. K.Srithar	Member	22.	Prof. C. Vignesh	Member	36.		
9.	Dr. P. Maran	Member	23.	Prof. C.Selvakumar	Member	37.		
10.	Dr. V. Balasubramani	Member	24.	Prof. M.Karthic	Member	38.		
11.	Dr. S. Karthikeyan	Member	25.	Prof S.Rajkumar	Member	39.		
12.	Dr. S. Saravana Perumaal	Member	26.	Prof M.Sermaraj	Member	40.		
13.	Dr. ML. Mahadevan	Member	27.	Dr. V.Vellai Kannan	Member	41.		
14.	Mr. B. Karthikeyan	Member	28.			42.		

**Points Discussed:**

The following points were discussed, passed and incorporating the suggestions given by the experts have been given in Annexure II:

- Passing of 21ME410 - Computational Methods for lateral entry students
- Passing of industry supported course on 18ME2F0 Design of Jigs and Fixtures, 18ME1E0- Machine vision system in digital transformation
- Presentation of Program Performance Assessment Committee (PPAC) findings with example
- Discussion on industry demand Elective subjects based on recent trends and industrial requirement for 2022 syllabus revision
- Discussion on scheduling of courses for 2022 B.E Mechanical Engineering
- Change of Nomenclature for PG program



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**Annexure II**

Sl. No	Point discussed	Action Plan	Responsibility	Target Date
1.	21ME410 - Computational Methods - Operation Research content is very less than regular OR syllabus	To include few topics in Operation Research	Dr.B.Vellaikannan	24.12.21
2.	Automotive Engine system , IC engines, SI engine electives may be combined. Also Motor cycle dynamics and vehicle dynamics may be combined	To be combined in 2022 revision of curriculum	Course Designers	31.03.2022
3.	In Program specific Elective courses Electrical vehicle , Sustainable product development, Autonomous vehicle, shared vehicle mobility, Vehicle architecture( software and hardware), connected vehicle , Digital Marketing may added in next revision	To be designed in 2022 revision of curriculum	Course Designers	31.03.2022
4.	In Program specific Elective courses for expanded scope Industry 4.0 , Machine learning , Artificial Intelligent, Digital Supply chain ( ware house , logistics , sustainable SCM) , Data Analytics may be added in next revision	To be designed in 2022 revision of curriculum	Course Designers	31.03.2022
5.	The Thermal Engineering Lab and Thermal Engineering Theory & The Heat and mass transfer Lab and Heat and mass transfer theory may be in same semester	To be scheduled in 2022 revision of curriculum	Course Designers	31.03.2022
6.	PG course on Engineering Design , Design Engineering with resent trends subjects such as Bio material, advance polymers , machine learning , Battery design, computational mechanics, Bio mechanical will attract students and company	Consider in new /Change of PG nomenclature	----	----
7.	Dr K.Srithar narrated the results, findings of PPAC on course outcomes attainment with example course 18ME520 Heat and Mass Transfer, also he narrated the need of action taken methodology and the methodology to improve the course outcome attainment were discussed	Course file with action taken will be submitted to department office	All faculty	31.03.2022

Prepared by: M Elango *M. Elango* Date: 18.12.21

*K. S. Srithar*  
Approved by: HDME

Date: 18.12.21

**Remark :** As the meeting was held through on-line mode , members signature were not obtained