



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: 26.11.16

Name of the meeting: Board of Studies Meeting – B.E -Mechanical Engineering

Attended by:

1	Dr. S. Muralidharan	Chairman	16	Dr. K. Chockalingam	Member	31.	Mr. M. Balamurali	
2	Dr. S.Gowri	Anna university Nominee	17	Dr. PL.K. Palaniappan	Member	32.	Mr. A. Samuel Raja	
3	Dr. T. Sundararajan	External Member	18	Dr. A. Valan Arasu	Member	33.	Mr. J. Umar Mohammed	
4	Dr. N. Ramesh Babu	External Member	19	Dr. M. Kathiresan	Member	34.	Mr. M. Kannan	
6	Mr. M. Kannan	External Member	21	Dr. C. Paramasivam	Member	35.	Mr. MS. Govardhanan	
7	Mr. S. Ramachandran ,	External Member	22	Dr. K.Srithar	Member	36.	Mr.B.Brucelee	
8	Mr. G Govindaraju	External Member	23	Dr. P. Maran	Member	37.		
9	Dr. N. Jawahar	Member	24	Dr. V. Balasubramani	Member	38.		
10	Dr. C. Muruganatham	Member	25	Dr. S. Karthikeyan	Member	39.		
11	Dr. T. Sorna Kumar	Member	26	Dr. S. Saravana Perumaal	Member	40.		
12	Dr. V. Dhanalakshmi	Member	27	Dr. R. Muruganandham	Member	41.		
13	Dr. S. Dhanasekaran	Member	28	Dr. ML. Mahadevan	Member	42.		
14	Dr. P. S. Boopathi Manickam	Member	29	Mr. B. Karthikeyan	Member	43.		
15	Mr. A. Manoharan	Member	30	Dr. M. Elango	Member	44.		

Points Discussed:

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

- Passing of curriculum and syllabi for sixth , seventh , eighth semester core and elective subjects for student admitted in the year 2014-15
- Passing of categorization of courses for Choice Based Credit System (CBCS) for the student admitted in the year 2015-16 and its Guidelines for Assigning Code for Courses under CBCS Programme
- Revision of 14 ME 280 - Strength of material and material science lab and 14 ME 4C0 - Capstone I.
- Permission to revisit the PEO-PO-CO for the courses offered in the mechanical engineering department and its mapping passed in the previous BOS meetings based on feedbacks.



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Annexure II

Sl. No	Point discussed	Action Plan	Responsibility	Target Date
1.	14ME610- OPERATIONS RESEARCH. Dr. S.Gowri suggested to relate the content with respect to the title in the Networking problems . The books authored by Manmohan and Gupta, SD.Sharma books to be added.	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
2.	14ME620-Kinematics and Dynamics of Machinery - vector approach may be given.	Vector approach added in the syllabus.	Convener and course designers.	9.12.16
3.	14ME640 Design of Transmission Systems: Mr.M.Kannan suggested that Analysis component should be there. The Assignments may be at Analysis level. Mr.Govindarajan insisted to form a Integrated Approach covering all the components in Transmission system.	Suggestion incorporated in content delivery.	Convener and course designers.	9.12.16
4.	14ME680 Computer Aided Manufacturing Lab : Dr.N.Jawahar suggested to include 14ME580 Computer Aided modelling lab in the Prerequisite and the specific names of the software's like Denford, Triac, Master cam to be avoided and may be include the generic name as software's for Turning and Milling.	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
5.	14ME710 Project Management : Mr.Govindarajan suggested to remove "A Guide to the Project Management Body of Knowledge" from Text Book. For the delivery of the course content the expert in the field of Project Management from outside may be invited .In CO-PO Mapping, for PO8 correlation should be strong. Dr.N.Jawahar suggested to give exercises in software's which may be included in the course	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
6.	14ME770 Finite Element analysis: Dr.Ramesh Babu suggested that existing 2 credits allocated may not be sufficient, 3 credits may be given. Mr.Kannan suggested to include Numerical methods to the existing content in the course.	Suggestion incorporated in the syllabus. The credit for FEA is changed to 3 The credit of Quality Engg is changed to 2	Convener and course designers.	9.12.16

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7.	14MEPJO Logistics Engineering.: Dr.Ramesh Babu and Mr.Kannan suggested to modify the title of the course	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
8.	14MEPKO Automotive Engine Systems: Dr.Ramesh Babu suggested that CO1,CO2,CO4 are at understand level. Dr.S.Muralidharan suggested to convert the concern COs to Apply level (40% understand level & 60% at Apply level).	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
9.	14MEPLO Manufacturing System Engineering: Dr.Ramesh Babu suggested to include Prerequisite for this course which is studied in any of the previous semester and metrics to evaluate the systems can be included and change the spelling of the author Groover and include IOT,IOS and smart Manufacturing. Dr.S.Muralidharan suggested to change the Text book No3 (1990 Edition) and Reference book No 3 (1962 Edition) in the course	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
10.	14MEPPO Design For Welding: Dr.Rameshbabu suggested to include the topics of weldment, Testing of Weldment and classifications	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
11.	14MEPSO Metal cutting Engineering: Dr.Ramesh Babu suggested to modify the CO2 as Thermal aspects of cutting and cutting fluids in the course "	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
12.	14MEPYO Computational Fluid Dynamics Mr.sundarrajan suggested to include the Types of Grid in the course "	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
13.	14MEPZO Turbo Machines : Dr.Sundarrajan suggested to include the cavitation in pumps and Turbines in the course	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
14.	14MERAO Mechanical Vibrations: Dr.Ramesh Babu and Mr.Kannan suggested to include FFT in the course.	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
15.	14MERBO Integrated Product Development: Dr.Ramesh Babu suggested to include the methods of Rapid Prototype in the course	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16



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16.	14MERC0 Reliability Engineering : Dr.Ramesh Babu suggested to include Text books, include Reference book by Marshal Dekker, modify the old Editions in the Reference books given in the course	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
17.	14MEGA0 Systems approach for Engineers : Mr.Kannan suggested to change the text book into the Reference book	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
18.	14MEGBO Energy conversion Techniques : Dr.Sundarrajan suggested to add the Principle of Integrated Gasifications	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
19.	14MEGDO Composite Materials : Dr.Sundarrajan suggested to include Nano Composites in the course	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
20.	14ME281 Strength of Material and Material science Lab: Mr.Govindarajan suggested to add the terms "Determination of " in all the experiments	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16
21.	14MEPRO Assembly Engineering: Mr.Govindarajan suggested to give Text Book for the course	Suggestion incorporated in the syllabus.	Convener and course designers.	9.12.16

Prepared by: *M. Selamy* Date: 14.12.16

Approved by: *[Signature]*

Date: 14.12.16



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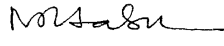
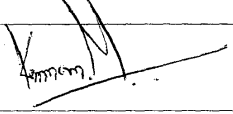

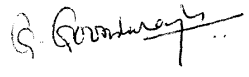
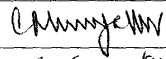
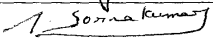
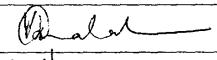
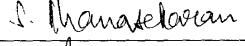


Date of the meeting: 26.11. 2016 (Saturday)

Name of the meeting: Board of Studies Meeting – B.E .Mechanical Engineering

ATTENDANCE SHEET

Sl. No.	Name of the Member	Position of the member	Address of the member	Signature of the member
1.	Dr. S. Muralidharan	Chairman	Head Department of Mechanical Engineering, Thiagarajar College of Engineering, Madurai-15	
2.	Dr. N. Jawahar	Member	Professor in Mechanical Engineering, Dean, (R&D) Thiagarajar College of Engineering, Madurai-15	N. Jawahar
3.	Dr. V. Mohan	Ex officio Member	Registrar, Thiagarajar College of Engineering, Madurai-15	—
4.	Dr. M. Palaninatharaja	Invited Member	Professor & Head Dean, (P&A) Department of Mechatronics Engineering, Thiagarajar College of Engineering, Madurai-15	—
5.	Dr. S. Gowri	Anna University Nominee	Professor Department of Manufacturing Engineering Anna University Chennai—600 025	
6.	Dr. T. Sundararajan	External	Professor Department of Mechanical Engineering, Indian Institute of Technology Madras, Chennai—600 036	T. Sundararajan

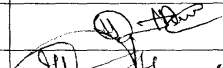
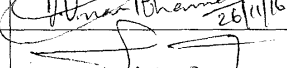
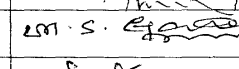

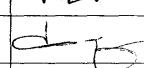
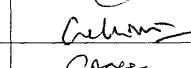
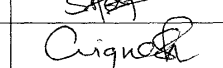
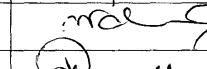
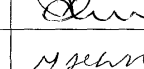
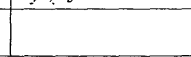



H.D.M.E.

Sl. No.	Name of the Member	Position of the member	Address of the member	Signature of the member
7.	Dr. N. Ramesh Babu	External	Professor Manufacturing Engineering Section Department of Mechanical Engineering, Indian Institute of Technology-Madras, Chennai- 600 036	
8.	Mr. M. Kannan	External	General Manager, R&D, TVS Motor Company, P.O.No. 4,HARITHA, Hosur - 635 109	
9.	Mr. S. Ramachandran	External	Managing Director, Renold Chain India Private Limited S.F No : 568/1A, 569/ 1 & 2 , D. Gudalur (P.O) ,Vedasanthur (T.K), Dindigul (D.T), Tamil Nadu - 624620	
10.	Mr. G Govindaraju	External	General Manager Marketing & Business Development Toshiba JSW Power Systems Private Limited .No.74-95, Vaikkadu Village,Andarkuppam Check Post, Manali New Town. Chennai - 600103	
11.	Dr. C. Muruganatham	Internal	Professor, Department of Mechanical Engineering, TCE, Madurai-15.	
12.	Dr. T. Sornakumar	Internal	Professor, Department of Mechanical Engineering, TCE, Madurai-15.	
13.	Dr. V. Dhanalakshmi	Internal	Asso. Professor, Department of Mechanical Engineering, TCE, Madurai-15.	
14.	Dr. S. Dhanasekaran	Internal	Asso. Professor, Department of Mechanical Engineering, TCE, Madurai-15.	
15.	Dr. P. S. Boopathi Manickam	Internal	Asso. Professor, Department of Mechanical Engineering, TCE, Madurai-15.	
16.	Mr. A. Manoharan	Internal	Asso. Professor, Department of Mechanical Engineering, TCE, Madurai-15.	


H.D.M.E.

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17.	Dr. K. Chockalingam	Internal	Asso. Professor, Department of Mechanical Engineering, TCE, Madurai-15.	K. Chockalingam 26/11/16
18.	Dr. PL.K. Palaniappan	Internal	Asso. Professor, Department of Mechanical Engineering, TCE, Madurai-15.	PL.K. Palaniappan 26/11/16
19.	Dr. A. Valan Arasu	Internal	Asso. Professor, Department of Mechanical Engineering, TCE, Madurai-15.	A. Valan Arasu 26/11/16
20.	Dr. M. Kathiresan	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	M. Kathiresan 26.11.16
21.	Dr. C. Paramasivam	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	C. Paramasivam 26/11/16
22.	Dr. K.Srithar	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	K. Srithar 26/11/16
23.	Dr. P. Maran	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	P. Maran 26/11/2016
24.	Dr. V. Balasubramani	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	V. Balasubramani 26.11.16
25.	Dr. S. Karthikeyan	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	S. Karthikeyan 26/11/16
26.	Dr. S. Saravana Perumaal	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	S. Saravana Perumaal 26/11/16
27.	Dr. R. Muruganandham	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	R. Muruganandham 26.11.16
28.	Dr. ML. Mahadevan	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	ML. Mahadevan 26/11
29.	Mr. B. Karthikeyan	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	B. Karthikeyan 26/11/16
30.	Dr. M. Elango	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	M. Elango
31.	Mr. M. Balamurali	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	M. Balamurali 26/11/16


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32.	Dr. A. Samuel Raja	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	
33.	Mr. J. Umar Mohamied	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	 26/11/16
34.	Mr. M. Kannan	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	
35.	Mr. M.S. Govardhanan	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	
36.	Mr. B. Brucelee	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	
37.	Mr. R. Sivasankaran	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	
38.	Dr. B. Vellaikannan	Internal	Asst. Professor, Department of Mathematics, TCE, Madurai-15	
39.	Dr. G. Chitra	Internal	Asso. Professor, Department of Civil Engineering, TCE, Madurai-15.	
40.	Dr. S. Arockia Edwin Xavier	Internal	Asst. Professor, Department of Electrical and Electronics Engineering, TCE, Madurai-15	
41.	Mr. C. Vignesh	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	
42.	Mr. M. M. Devarajan	Internal	Asst. Professor, Department of Mechanical Engineering, TCE, Madurai-15	
43.	Dr. A. ANITHA	Internal	Ass. Professor of mathematics TCE, Madurai-15	
44.	Dr. M. SENTHAMIZH SELVI	Internal	Asst. professor in physics TCE.	
45.	Dr. G. CHITRA	Internal		


H.D.M.E.