



EXCEL ENGINEERING COLLEGE

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA and NAAC with "A+" and Recognized by UGC(2f&12B)
KOMARAPALAYAM - 637303

DEPARTMENT OF MECHANICAL ENGINEERING

THIRD BOARD OF STUDIES

MINUTES OF MEETING

Meeting No : EEC/MECH/BoS/3
Date : 25.02.2022
Time : 10.00 AM
Venue : Online Mode (Via Zoom meeting)
Link : <https://us02web.zoom.us/j/8848481566?pwd=ckZYRWI0SVF5VnIwVbTBseU5Wck5LQT09>
ID : 884 848 1566
Pass code : excel@123

Agenda:

- B.ME.3.1** To discuss and pass the syllabi of the courses offered during III year B.E. Mechanical Engineering Programme for the students admitted from the academic year 2020-21 onwards
- B.ME.3.2** To discuss and pass the Syllabi of Professional Elective courses offered for the students of B.E Mechanical Engineering Programme admitted from the academic year 2020-21 onwards.
- B.ME.3.3** To discuss and pass the Syllabi of Open Elective courses offered to other programme students admitted from the academic year 2020-21 onwards.
- B.ME.3.4** To discuss and pass the Syllabi of one credit courses offered during V and VI semester for the students admitted from academic year 2020-21 onwards.
- B.ME.3.5** To discuss and pass the course code changes in curriculum of Regulation 2020 for the students admitted from academic year 2020-21 year onwards.
- B.ME.3.6** To discuss and pass the curriculum of M.E. Thermal Engineering for the students admitted from the academic year 2022-23 onwards.

B.ME.3.7 To discuss and pass the first year syllabi of M.E. Thermal Engineering for the students admitted from the academic year 2022-23 onwards

B.ME.3.8 Any other Matters.

Resolutions

B.ME.R.3.1 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the syllabi of core courses of third year B.E. Mechanical Engineering programme with the following changes.

Semester- V

RECOMMENDATION	RESOLUTION
B.ME.3.1.1 Dr.PL.K.Palaniappan suggested to verify and change the Bloom's level of few courses.	B.ME.R. 3.1.1 Bloom's level have been verified and changed as per suggestion
B.ME.3.1.2 Dr.J.Jerald recommended to add latest edition for 'A Textbook of Machine Design',.	B.ME.R. 3.1.2 Latest edition is incorporated for 'A Textbook of Machine Design',.
B.ME.3.1.3 D.M.Saravanakumar insisted to verify latest edition for the course on Computer Aided Manufacturing.	B.ME.R. 3.1.3 Latest edition are verified and incorporated in Computer Aided Manufacturing as per the suggestion.

Semester- VI

RECOMMENDATION	RESOLUTION
B.ME.3.1.4 Dr.PL.K.Palaniappan suggested to verify and change the Bloom's level of Design of Transmission Systems.	B.ME.R. 3.1.4 Bloom's levels have been verified and incorporated for the course on Design of Transmission Systems.
B.ME.3.1.5 Dr.PL.K.Palaniappan suggested to revise the Cos and Bloom's level.	B.ME.R. 3.1.5 Course Outcomes and revised Bloom's levels have been modified as per the suggestion

B.ME.R.3.2 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the syllabi of professional elective courses of B.E. Mechanical Engineering programme with the following changes.

RECOMMENDATION	RESOLUTION
B.ME.3.2.1 Dr S Robinson smart suggested to change the text books with latest editions in course on Vehicle Body Technology..	B.ME.R. 3.2.1 Text books with latest editions is included in course on Vehicle Body Technology as per suggestion
B.ME.3.2.2 Dr.PL.K.Palaniappan suggested to include Cold room Technology in Refrigeration and Air conditioning course.	B.ME.R. 3.2.2.A topic on Cold room Technology is included in Refrigeration and Air conditioning course.
B.ME.3.2.3 Dr.J.Jerald recommended to remove EDM and Grinding in the course on CNC Machine tools	B.ME.R. 3.2.3 Topics on EDM and Grinding have been removed from the course on CNC Machine tools

B.ME.R.3.3 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the syllabi of open elective courses offered to other programme students with the following changes.

RECOMMENDATION	RESOLUTION
B.ME.3.3.1 Dr.J.Jerald recommended to add the topic patent ethics in unit V of Integrated product development	B.ME.R.3.3.1 Patent ethics is added in unit V of Integrated product development course as per the recommendation.
B.ME.3.3.2. Dr.S.Robinson smart suggested to change the Bloom's level for the course on Manufacturing Processes	B.ME.R.3.3.2 The Bloom's levels have been modified for the course on Manufacturing Processes
B.ME.3.3.3. Dr.S.Robinson smart suggested to include latest edition for the course on Robotics	B.ME.R.3.3.3 Latest edition has been included for the text book on Industrial "Robotics -Technology Programming and Applications"
B.ME.3.3.4 Mr.N.Lakhsminarasimhan appreciated the open elective culture for the interdisciplinary learning.	B.ME.R.3.3.4 More open electives will be incorporated in the next Regulation.

B.ME.R.3.4 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the syllabi of one credit courses offered during third year B.E. Mechanical Engineering programme with the following changes.

RECOMMENDATION	RESOLUTION
B.ME.3.4.1 Dr.PL.K.Palaniappan suggested to change the course outcome using Bloom's verbs and levels for the course on Vehicle testing.	B.ME.R.3.4.1 The course outcomes have been changed using Bloom's verbs and levels for the course on Vehicle testing as per suggestion.
B.ME.3.4.2 Dr.M.Saravanakumar suggested to have more practical classes for the one credit course on CNC Programming.	B.ME.R.3.4.2 Fifty percent of the course has been changed as Practical course.

B.ME.R.3.5 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for course code changes in curriculum of Regulation 2020 for the students admitted from 2020-21 academic year onwards with the following changes.

RECOMMENDATION	RESOLUTION
B.ME.3.5.1 Dr.S.Robinson suggested for change of course name that the Foundations of Mechanical Engineering course to rename as Fundamentals of Mechanical Engineering.	B.ME.R.3.5.1 Foundations of Mechanical Engineering course is renamed as Fundamentals of Mechanical Engineering as per suggestion.
B.ME.3.5.2 Dr.J.Jerald recommended to have two Internal Assessment Examination instead of three.	B.ME.R.3.5.2 Recommendation forwarded to standing committee and the standing committee recommended for three examinations.

B.ME.R.3.6 Resolved that the curriculum of M.E. Thermal Engineering of Regulation 2022 may be passed to the standing committee of the Academic Council for the students admitted from the academic year 2022-23 onwards.

B.ME.R.3.7 Resolved that the following recommendations may be passed to the standing committee of the Academic Council for first year syllabi of M.E. Thermal Engineering of Regulation 2022 for the students admitted from the academic year 2022-23 onwards with the following changes.

RECOMMENDATION	RESOLUTION
B.ME.3.7.1 Dr.S.Robinson smart suggested to add a topic on Compact heat exchanger in the course on Advanced Heat Transfer.	B.ME.R.3.7.1 The topic on Compact heat exchanger has been added in the course on Advanced Heat Transfer
B.ME.3.7.2 Dr.J.Jerald recommended to include advanced measurement techniques in the course on Instrumentation for Thermal Engineering.	B.ME.R.3.7.2 An unit on Advanced measurement techniques has been added in the course on Instrumentation for Thermal Engineering.


Chairman - Board of Studies


Principal



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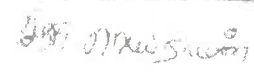
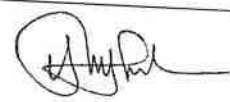


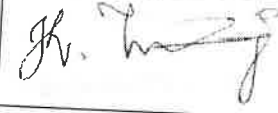

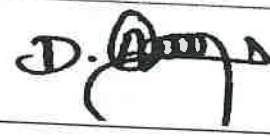

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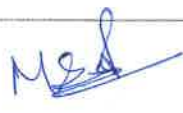
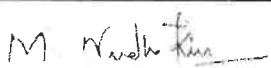

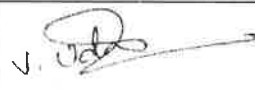
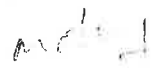

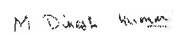


DEPARTMENT OF MECHANICAL ENGINEERING






THIRD BOARD OF STUDIES MEETING

Members Present

S.No.	Name and Affiliation	Designation	Signature
1.	Dr.N.Natarajan Professor & Head	Chairman	
2.	Dr.PL.K.Palaniappan Professor Engineering Thiyagarajar College of Engineering Madurai- 625015	University Nominee	
3.	Dr.J.Jerald Associate Professor Department of Production Engineering National Institute of Technology, Tiruchirappalli Tamilnadu, India.	Academic Expert	
4.	Dr.R.Robinson Smart Professor, (Design) Engineering, Karunya University Coimbatore	Academic Expert	
5.	Mr. Natwar Kadel Assistant General Manager Hyundai Motor India Ltd. Chennai.	Expert Member (Industry)	Absent
6.	Mr.S.Karthikeyan Entrepreneur.	PG Alumni (Entrepreneur)	
7.	Mr.K.K.Tamilarasan Manager – HR Sakthi Auto Components Pvt Ltd Perundurai.	Special Invitee	
8.	Dr.M.Saravanakumar Senior Manager- Mechanical Validation Robert Bosch Engineering Solutions Pvt Imtd, Coimbatore.	Special Invitee	
9.	Mr.N.Lakshminarasimhan General Manager-HR, Brakes India Limited, Chennai.	Special Invitee	 N.Lakshminarasimhan

10.	Mr.C.Karthikeyan QC Lead, Ultramain Software Coimbatore	UG Alumni (Entrepreneur)	Absent
11.	Dr.N.Venkatachalam Associate Professor	Member	
12.	Dr. K.Boopathy Associate Professor	Member	
13.	Dr. N.Tamilselvan Assistant Professor	Member	
14.	Dr.R.Vinoth Associate Professor	Member	
15.	Mr.S.S.Jayaraman Assistant Professor	Member	
16.	Mr.S.Nirmalkumar Assistant Professor	Member	
17.	Mr.G.Ramamoorthi Assistant Professor	Member	Absent
18.	Mr.V.Shanthamoorthy Assistant Professor	Member	
19.	Mr.K.Yuvaraj Assistant Professor	Member	
20.	Mr.K.Yuvaraj (Bhavani) Assistant Professor	Member	
21.	Mr.M.Srikanth Assistant Professor	Member	
22.	Mr.D.Alagesan Assistant Professor	Member	
23.	Mr.P.Praveen Assistant Professor	Member	

24.	Mr.P.Nithyanand Assistant Professor	Member	
25.	Mr.V.Karthikeyan Assistant Professor	Member	
26.	Mr T.M Sakthi Muruga Assistant Professor	Member	
27.	Mr.Sambath Kumar Assistant Professor	Member	
28.	Mr.M.Nandhakumar Assistant Professor	Member	
29.	Mr.N.Prithviraj Assistant Professor	Member	
30.	Mr.V.Udhayakumar Assistant Professor	Member	
31.	Mr.T.Mohanasundaram Assistant Professor	Member	
32.	Mr.V.Prasanna Kumar Assistant Professor	Member	Absent
33.	Mr.S.Anandhakumar Assistant Professor	Member	
34.	Mr.M.Dineshkumar Assistant Professor	Member	
35.	Mr. N.Selvakumar Assistant Professor	Member	
36.	Mr. S.Ganapathy Assistant Professor	Member	
37.	Mr. M.Karthick Assistant Professor	Member	Absent

38	Mr. P.Jagadeeshwaran Assistant Professor	Member	
39	Mr. S.Jeromeignatius Assistant Professor	Member	Absent
40	Mr. G.Malarkannan Assistant Professor	Member	
41	Dr. S.Balakrishnan Assistant Professor	Member	
42	Mr D.S Gokulraj Assistant Professor	Member	
43	Mr R.Premraj Assistant Professor	Member	



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THIRD BOARD OF STUDIES MEETING

SCREEN SHOTS

10:09 AM

REC

REGULATION - 2008 COURSE BASED CREDIT SYSTEM (TO VII SEMESTER CURRICULUM)									
Code No.	Course	Category	Credits			Minimum Marks			Total
			L	T	P	CA	PS		
1 SEMESTER									
Theory Courses									
20ME02	Mathematics - For Mechanical Sciences	BS	3	2	0	2	40	40	100
20EE02	Basics of Electrical and Electronics Engineering	EE	3	0	0	3	40	40	100
20ME02	Fundamentals of Mechanical Engineering	PC	2	6	0	3	40	60	100
Theory with Practical Courses									
20ME02	Thermodynamics & Heat Transfer	ME	3	0	0	3	40	40	100
20CH02	Chemistry for Mechanical Sciences	CS	3	0	0	3	40	40	100
20ME02	Engineering Graphics	ES	3	0	0	3	40	40	100

10:08 AM

Zoom

REC

Dr. R. Vinodh
General Manager Info, Kinesia India Network, Chennai

Dr. P. Srinivasan
Senior Professor, Mechanical Engineering, Rajahmundry, Andhra Pradesh

Unmute Start Video Share Participants 11 More

10:06 AM

REC

Dr. R. Vinodh

Bommanna Raja K / Principal

SARAVANAKUMAR MAR...

Dr. N. NATARAJAN

Close Participants (12)

Search

- Dr. R.Vinoth (me)
- Dr.N.NATARAJAN (Host)
- BR Bommanna Raja K... (Co-host)
- DA Dr.K.Boopathy, AS... (Co-host)
- SM SARAVANAKUMAR MAR...
- DN Dr. N. Venkatachalam AS...
- IA itel A25
- JJ J Jerald
- karthikeyan arthanary
- PP Palaniappan PL.K
- RS Robinson Smart
- SS SELVARAJ S P

Invite