



Management Review System Formats

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MINUTES OF THE MEETING

Date of the meeting: 03.05.2019

Name of the meeting: Board of Studies meeting – B.E Mechatronics

Attended by:

External Members:

1. Dr. J.E. Diwakar, Principal Research Scientist, DESE, IISc Bangalore
2. Mr. J. Visweswaran, Senior Academic Technical Consultant, NI, Bangalore
3. Mrs. Bhuvana, Senior scientist, CSIR-National Aerospace Lab, Bangalore

Special invitee:

Dr. M. Kumar, Former Principal Engineer, GE Health Care, Bangalore

Dr. P. Ashok Rao, Former Head, Network Project, CEDT, IISc Bangalore had given leave of absence.

Internal Members:

1. Dr. M. Palaninatha Raja, Professor and Head, MECT, TCE
2. Dr. G. Kumaraguruparan, Associate Professor, MECT, TCE
3. Dr. G. Kanagaraj, Associate Professor, MECT, TCE
4. Dr. L.R. Karl Marx, Associate Professor, MECT, TCE
5. Mr. S. Julius Fusic, Assistant Professor, MECT, TCE
6. Mr. M.A. Ganesh, Assistant Professor, MECT, TCE
7. Mr. M. Manimegalan, Assistant Professor, MECT, TCE
8. Mr. B. Praveen Kumar, Assistant Professor, MECT, TCE
9. Mr. A. Prakash, Assistant Professor, MECT, TCE
10. Mr. S.A.R. Sheik Masthan, Assistant Professor, MECT, TCE
11. Mr. S. Manikandan, Assistant Professor, MECT, TCE
12. Mr. M.M. Devarajan, Assistant Professor, MECT, TCE
13. Dr. R. Suresh, Assistant Professor, Mathematics, TCE
14. Dr. C.S. Senthil Kumar, Assistant Professor, Mathematics, TCE

S.No.	Points discussed	Action Plan	Responsibility	Target date
1.	18MT310 Partial differential equations 1. Numerical Analysis need to be included.	Intimation to the course designers	Dr. R. Suresh Dr. C.S. Senthil Kumar	10.05.2019
2.	18MT320 Kinematics and Dynamics of Machinery 1. Simple Machines and connection between free body mechanics need to be taught in introduction part. 2. Theoretical analysis shall be included.	Intimation to the course designers	Dr. G. Kanagaraj Mr.M.M.Devarajan	10.05.2019
3.	18MT330 Digital Electronics 1. Introduction to Characteristics of Digital IC's and Fan in -Fan out shall be added. 2. The course end with some Processors.	Intimation to the course designers	Mr.A. Prakash Mr.S.Manikandan	10.05.2019

S.No.	Points discussed	Action Plan	Responsibility	Target date
4.	18MT340 Thermal Fluid Engineering 1. Introduction to heat transfer need to be included.	Intimation to the course designers	Dr.G.Kumaragurparan Mr.M.A.Ganesh Mr.M.M.Devarajan	10.05.2019
5.	18MT350 Programming for problem solving 1. Application related to Mechatronics shall be included. 2. Testing and validation aspects shall be taught.	Intimation to the course designers	Mr.S.A.R.Sheik Masthan Mr.B.Praveen Kumar	10.05.2019
6.	18MT360 Programming and Coding Laboratory 1. Application related to Mechatronics shall be included. Eg: lights, fan, water over fill etc. 2. Matrix Manipulation – Inverse of matrix shall be added.	Intimation to the course designers	Mr.S.A.R.Sheik Masthan Mr.B.Praveen Kumar	10.05.2019
7.	18MT370 Thermal Fluid Engineering Laboratory 1. Cooling aspects shall be included.	Intimation to the course designers	Dr.G.Kumaragurparan Mr.M.A.Ganesh Mr.M.M.Devarajan	10.05.2019
8.	18MT380 Digital Electronics Laboratory 1. Application based Exercises shall be included.	Intimation to the course designers	Mr.A. Prakash Mr.S.Manikandan	10.05.2019
9.	18MT410 Probability and Statistics 1. Binomial and Normal distribution shall be taught and remaining distribution to be removed, Regression and curve fitting techniques need to be included. 2. Reduce the probability content and increase statistics concepts. 3. Course shall be more practical. Students shall provide with real life problems in engineering and social issues.	Intimation to the course designers	Dr. R. Suresh Dr. C.S. Senthil Kumar	10.05.2019
10.	18MT420 Power Electronics and Drives 1. Introduction to linear mode Vs switching mode need to be included. 2. Low power electronics may be taught.	Intimation to the course designers	Mr. H.Ramesh Mr. S. Julius Fusic	10.05.2019
11.	18MT440 Sensors and Measurements 1. Introduction to accuracy, error and calibration need to be included. 2. Sensors, signal conditioning and data logging need to be taught sequentially.	Intimation to the course designers	Dr. L.R.Karl marx Mr. M. Manimegalan	10.05.2019
12.	18MT490 Project Management 1. Risk identification, failure modes and case study need to be included.	Intimation to the course designers	Mr.B.Praveen Kumar Mr.A. Prakash	10.05.2019

S.No.	Points discussed	Action Plan	Responsibility	Target date
	2. Project management standards need to be taught in introduction of course.			
13.	18MT470 Sensors and Measurements Laboratory 1. Distance measurement to be modified and strain gauge experiments need to be included. 2. Modifying and Inferring input measurements exercise need to be modified.	Intimation to the course designers	Dr. L.R.Karl marx Mr. M. Manimegalan	10.05.2019

Prepared by: Mr.A.Prakash
Date: 07.05.2019

APRS

Approved by.....
Date: 23/5/19








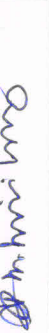


THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15
(A Govt. Aided, Autonomous Institution affiliated to Anna University)
DEPARTMENT OF MECHATRONICS ENGINEERING

Date of the meeting: 03.05.2019

Name of the meeting: Board of Studies Meeting - B.E.Mechatronics

ATTENDANCE SHEET

S.No	Name of the Member	Position of the member	Address of the member	Signature of the Member
1.	Dr.Ashok Rao	External	Former Head ,Network Project, CEDT, IISc Bangalore Guest Faculty,IIM Bangalore Bangalore-560012	—
2.	Dr.J.E.Divaker	External	Principal Research Scientist DESE,Indian Institute of Science, Bangalore-560012	 03/05/19
3.	Mr.J.Visweswaran	External	Senior Academic Technical Consultant, National Instruments India Private Limited, Bangalore 560 103.	 03/05/2019
4.	Dr.M.Kumar	External	Former Principal Engineer GE Health Care, Bangalore	
5.	Ms. N. Bhuvana	External	Senior scientist, CSIR-National Aerospace Laboratories, Bangalore	
6.	Dr.M.Palaninatha Raja	Internal	Professor and HOD , Department of Mechatronics, Thiagarajar College of Engineering,Madurai-15	 3/5/19
7.	Dr.G.Kanagaraj	Internal	Associate Professor, Department of Mechatronics, Thiagarajar College of Engineering,Madurai-15	
8.	Dr.G.Kumaragurparan	Internal	Associate Professor, Department of Mechatronics, Thiagarajar College of Engineering,Madurai-15	
9.	Dr.L.R.Karlmarx	Internal	Associate Professor, Department of Mechatronics, Thiagarajar College of Engineering,Madurai-15	



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S.No	Name of the Member	Position of the member	Address of the member	Signature of the Member
10.	Mr.S.Julius Fusic	Internal	Assistant Professor, Department of Mechatronics, Thiagarajar College of Engineering, Madurai-15	
11.	Mr. H.Ramesh	Internal	Assistant Professor, Department of Mechatronics, Thiagarajar College of Engineering, Madurai-15	—
12.	Mr.S.Parthasarathi	Internal	Assistant Professor, Department of Mechatronics, Thiagarajar College of Engineering, Madurai-15	
13.	Mr.M.A.Ganesh	Internal	Assistant Professor, Department of Mechatronics, Thiagarajar College of Engineering, Madurai-15	
14.	Mr.M.Manimegalan	Internal	Assistant Professor, Department of Mechatronics, Thiagarajar College of Engineering, Madurai-15	
15.	Mr.B.Praveen Kumar	Internal	Assistant Professor, Department of Mechatronics, Thiagarajar College of Engineering, Madurai-15	
16.	Mr.A.Prakash	Internal	Assistant Professor, Department of Mechatronics, Thiagarajar College of Engineering, Madurai-15	
17.	Mr.S.A.R.Sheik Masthan	Internal	Assistant Professor, Department of Mechatronics, Thiagarajar College of Engineering, Madurai-15	
18.	Mr.S.Manikandan	Internal	Assistant Professor, Department of Mechatronics, Thiagarajar College of Engineering, Madurai-15	
19.	Mr.M.M.Devarajan	Internal	Assistant Professor, Department of Mechatronics, Thiagarajar College of Engineering, Madurai-15	
20.	Dr.R.Suresh	Internal	Assistant Professor, Department of Mathematics, Thiagarajar College of Engineering, Madurai-15	
21.	Dr.C.S.Senthil Kumar	Internal	Assistant Professor, Department of Mathematics, Thiagarajar College of Engineering, Madurai-15	