





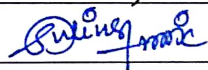

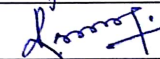
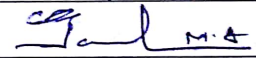

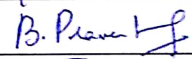


THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15
(Govt. Aided Autonomous Institution affiliated to Anna University)
DEPARTMENT OF MECHATRONICS

Date of the meeting: 15.04.2017 (Saturday)

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

ATTENDANCE SHEET

Sl. 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- 560 012	
2.	Dr. J.E. Diwakar	External	Principal Research Scientist DESE, Indian Institute of Science, Bangalore-560 012	
3.	Mr. Visweswaran Jagadeesan	External	Senior Academic Technical Consultant, National Instruments India Private limited, 81/1 & 82/1, Salarpuria Softzone Wing B, 5th Floor, Block A Bellandur, Varthur Hobli, Bangalore 560 103	 15/4/2017
4.	Mr. S. Sivakumar	External	Caterpillar India Private Limited International Tech Park, 7th Floor, CSIR Road, Tharamani phase 1, Chennai -600 113	-
5.	Dr. M. Palaninatha Raja	Internal	Professor and HOD, Mechatronics, Thiagarajar College of Engineering, Madurai-15	
6.	Dr.G.Kanagaraj	Internal	Asso. Professor, Department of Mechatronics, TCE, Madurai-15	
7.	Dr. G. Kumaraguruparan	Internal	Asso. Professor, Department of Mechatronics, TCE, Madurai-15	

Sl. No.	Name of the Member	Position of the member	Address of the member	Signature of the member
8.	Dr. L.R. Karlmarx	Internal	Asso. Professor, Department of Mechatronics, TCE, Madurai-15	
9.	Mr. T. Vivek	Internal	Asst. Professor, Department of Mechatronics, TCE, Madurai-15	
10.	Prof. S. Julius fusic	Internal	Asst. Professor, Department of Mechatronics, TCE, Madurai-15	
11.	Prof. S. Sivapriya	Internal	Asst. Professor, Department of Mechatronics, TCE, Madurai-15	
12.	Prof. H. Ramesh	Internal	Asst. Professor, Department of Mechatronics, TCE, Madurai-15	
13.	Prof. M.A. Ganesh	Internal	Asst. Professor, Department of Mechatronics, TCE, Madurai-15	
14.	Mr.M.Manimegalan	Internal	Asst. Professor, Department of Mechatronics, TCE, Madurai-15	
15.	Mr.B.Praveen Kumar	Internal	Asst. Professor, Department of Mechatronics, TCE, Madurai-15	
16.	Mr.A.Prakash	Internal	Asst. Professor, Department of Mechatronics, TCE, Madurai-15	
17.	Mr.S.A.R.Sheik Masthan	Internal	Asst. Professor, Department of Mechatronics, TCE, Madurai-15	
18.	Mr.S.Parthasarathy	Internal	Asst. Professor, Department of Mechatronics, TCE, Madurai-15	—
19.	Mr.S.Manikandan	Internal	Asst. Professor, Department of Mechanical, TCE, Madurai-15	—

20. MS.T.R. VIVEKI

Internal

Asst. Professor, Department of Mechatronics Engg., Madurai-15

T.R. @viveki



Management Review System Formats

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MINUTES OF THE MEETING

Date of the meeting: 15.04.2017

Name of the meeting: Board of Studies meeting

Attended by:

External Members:

1. Dr. P. Ashok Rao, Former Head, Network Project, CEDT, IISc Bangalore
2. Dr. J.E. Diwakar, Principal Research Scientist, DESE, IISc Bangalore
3. Mr. Vishweswaran, Senior Academic Technical Consultant, NI, Bangalore

Internal Members:

Dr. M. Palaninatha Raja, Dr.G.Kumaraguruparan, Dr.G.Kanagaraj, Dr. L.R.Karl marx, Mr. T.Vivek, Mr. S.Julius Fusic, Mr. H.Ramesh, Mr. M.A.Ganesh, Ms. S.Siva Priya, Mr. M.Manimegalan, Mr. B. Praveen Kumar, Mr.A.Prakash, Mr.S.A.R. Sheik Masthan, Ms. T.R.Viveki.

S.No.	Points discussed	Action Plan	Responsibility	Target date
1.	14MT710 Project Management <ol style="list-style-type: none">1. Interdisciplinary case studies can be included.2. Syllabus is more material oriented. Customize the contents so that knowledge management components can be included.3. Introduction of knowledge management software is desired.	Intimation to the course designers	Mr. B.Praveen Kumar	05.05.2017
2.	14MT720 Unmanned Aerial Vehicle <ol style="list-style-type: none">1. Focus should be more on drones and copters.2. Get license to test the drone in campus.3. Basics of Aerodynamics need to be included.4. Wingless copters has to be incorporated and its applications	Intimation to the course designers	Mr.T.Vivek	05.05.2017

S.No.	Points discussed	Action Plan	Responsibility	Target date
3.	14MT770 System Integration <ol style="list-style-type: none"> 1. Different types of Controllers to be included. 2. Lab experiments shall be situation oriented. 	Intimation to the course designers	Mr. H. Ramesh	05.05.2017
4.	14MTPT0 Data analytics <ol style="list-style-type: none"> 1. Basic statistical analysis need to be included. 2. SPSS and R software shall be imparted during the course of study. 3. More focus to data to cloud , that is not necessary 4. Course contents of Big Data Tools, NoSQL, Hadoop has to be removed. 5. Case study and its details shall be included. 6. De-emphasize the computer science part from the contents. 	Intimation to the course designers	Mr. S. Parthasarathi	05.05.2017
5.	14MTPU0 Mobile Robotics <ol style="list-style-type: none"> 1. Remove repeating portions like forward and inverse Kinematics. 2. Concentrate on wheel dynamics rather than introducing whole dynamics. 3. Motion, Path Collision shall be elaborated. 4. Google car documentation is a good resource for this subject. 	Intimation to the course designers	Mr.M.A.Ganesh	05.05.2017
6.	14MTPW0 Virtual Instrumentation <ol style="list-style-type: none"> 1. Shall be offered as theory cum practical course. 2. Make the course as compulsory in future due to the demand is on rise for this course. 	Intimation to the course designers	Mr.T.Vivek	05.05.2017
7.	14MTPY0 Design of Machine Elements <ol style="list-style-type: none"> 1. 90% of mechatronics applications are small scale oriented .It is the combination of metals &Non metals.70% assembly and 30% Design. 2. Lead screw , motion converters , Linear Actuators, Micro flaps, Cantilever design, Micro Rotary Equipment can be included. 	Intimation to the course designers	Dr.G.Kanagaraj	05.05.2017

S.No.	Points discussed	Action Plan	Responsibility	Target date
8.	14MTRA0 Design of Sensors <ol style="list-style-type: none"> 1. Subject title to be changed as Selection and Integration of sensors 2. Range of measuring Devices should be covered 3. Motion, Proximity, Velocity, Displacement, Acceleration, Torque in both linear and Rotary should be covered. 4. Location sensors, GPS, Direction, Ultrasonic sensor should be covered. 	Intimation to the course designers	Dr.L.R.Karl Marx	05.05.2017
9.	14MTGD0 Sensors <ol style="list-style-type: none"> 1. Camera sensors, CCTV, surveillance sensors can be added. 2. Sensor interfacing contents are hard to follow by civil and mechanical students. 	Intimation to the course designers	Dr.L.R.Karl Marx	05.05.2017

Prepared by: Mr.B.Praveen Kumar, Date: 28.04.2017

Approved by: ...
Date:

[Handwritten Signature]
11/5/17