



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

**Date of the meeting: 18.04. 2015**

**Name of the meeting: Board of Studies Meeting – M.E -Mechatronics**

**Attended by:**

1. Dr.J. E. Diwakar	- External	18. Mr. T. Vivek	- Member
2. Mr. S. Ananthkumar	- External	19. Dr. M. Elango	- Member
3. Mr. S. Sivakumar	- External	20. Mr.B.Karthikeyan	- Member
4. Mr. Visweswaran Jagadeesan	- External	21. Mr. J. Umar Mohammed	- Member
5. Dr .C. Muruganandham	- Member	22. Mr.M.Kannan	- Member
6. Dr .N. Jawahar	- Member	23. Mr. S. Julius Fusic	- Member
7. Dr. T. Sornakumar	- Member	24. Mr. T. Prakash	- Member
8. Dr. S. Muralidharan	- Member	25. Mr.N.Anandh	- Member
9. Dr. PL.K. Palaniappan	- Member	26. Mr.H.Ramesh	- Member
10. Dr. K. Srithar	- Member	27. Dr.R.Suresh	- Member
11. Dr. C. Paramasivam	- Member	28. Dr. A. Banumathi	- Member
12. Dr. P. Maran	- Member	29. Dr.L. R. KarlMarx	- Member
13. Dr. G. Kumaraguruparan	- Member	30. Mr.S.Parthasarathy	- Member
14. Dr. G.Kanagaraj	- Member	31. Mr.S.Prasanna	- Member
15. Mr. V. Balasubramani	- Member	32. Dr. R. Helen	- Member
16. Dr. S. Karthikeyan	- Member	33. Mr.M.Varadharajan	- Member
17. Dr. S. Saravana Perumal	- Member		

**Points Discussed:**

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

- The Scheduling of courses for M.E Mechatronics for the students admitted from 2014-15 onwards.
- Syllabi of third and fourth Semester subject for the students admitted from 2014-15 onwards.
- List of elective courses and syllabi.



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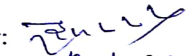
### **Annexure I**

S.No	Point discussed	Action Plan	Responsibility	Target Date
<b>Syllabi for the student admitted from 2014-15</b>				
1.	<b>14MC310-Digital control using Micro controller</b> <ul style="list-style-type: none"><li>To teach the subject in continuous domain and teach discrete domain in later part of the subject.</li><li>They also suggested to remove linear quadratic control as the content is more.</li></ul>	Suggestions incorporated	Convener and course designers.	30.04.15
2.	<b>14MCPE0- Modeling and Simulation of Mechatronic Systems</b> <ul style="list-style-type: none"><li>Members suggested that content of simulink to be dealt in the subject is to be increased.</li></ul>	Suggestions incorporated	Convener and course designers.	30.04.15
3.	<b>14MCPF0- Autonomous Vehicles</b> <ul style="list-style-type: none"><li>To Include GPS and Blue tooth interface.</li><li>To include interface of stepper and servo motor.</li></ul>	Suggestions incorporated	Convener and course designers.	30.04.15
4.	<b>14MCPG0- Industrial Robotics</b> <ul style="list-style-type: none"><li>To introduce mobile manipulators and applications.</li><li>To introduce case study.</li><li>Number of reference books may be reduced.</li></ul>	Suggestions incorporated	Convener and course designers.	30.04.15

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5.	<b>14MCPH0 – Elements and Programming of CNC Machines</b> <ul style="list-style-type: none"><li>• Course outcome to be modified.</li></ul>	Suggestions incorporated	Convener and course designers.	30.04.15
6.	<b>14MCPJ0 – Computer Integrated Manufacturing</b> <ul style="list-style-type: none"><li>• To introduce flexible manufacturing system.</li></ul>	Suggestions incorporated.	Convener and course designers.	30.04.15
7.	<b>14MCPK0- Medical Electronics and Instrumentation</b> <ul style="list-style-type: none"><li>• To remove ultrasonography.</li></ul>	Suggestions incorporated	Convener and course designers.	30.04.15

Prepared by: 

Date: 05.05.15

Approved by:   
Dr. K. S. R. IYER

Date: 05.05.15