

Government College of Engineering, Salem – 636 011
Department of Mechanical Engineering

Minutes of Board of Studies Meeting
(09-02-2019)

The Board of studies meeting was conducted in the department of Mechanical Engineering on 9th February 2019 at 10.30 am. The following members were present

1. Dr. M. R. Swaminathan, Professor / Mechanical, Anna University, Chennai.
2. Dr. V. Mariappan, ^{Associate} Asso. Professor / Mechanical, NIT, Trichy.
3. Dr. S. Suresh, Asso. Professor / Mechanical, NIT, Trichy.
4. Dr. P. Mathiazhagan Professor / Mechanical, PEC, Pondicherry.
5. Faculty Members
6. Alumni - B.E. Mechanical Engineering
7. Student Members
8. Ex-Officio Members

Shri. S. Sudhakar, M/s Turbo Engineers Pvt Ltd, Coimbatore. Industrial expert had expressed his inability to attend the meeting.

Agenda 1

Approval of Curriculum of B.E Mechanical Engineering for semesters III – VIII and P.G. Part time programmes (M.E. – CAD and M.E. – Thermal) (2018- Regulations)

- ✓ B.E. Mechanical Engineering (Full Time)
- ✓ M.E. CAD (Part time)
- ✓ M.E. Thermal (Part time)

The curriculum of B.E (Full Time)- Mechanical Engineering for semesters III- VIII and P.G. Part time programmes M.E. – CAD and M.E. - Thermal were discussed in the meeting and the suggestions made by the members have been incorporated in the corrected copies. (Annexure-I)

The following observations were made by the members.

Semesters III and IV:

- i. It was discussed to combine the courses *Manufacturing Processes* and *Manufacturing Technology* courses as one subject. It can be named as “*Manufacturing Processes*” with 3 credits and can be included in the III semester. It was suggested to exclude the course “*Biology for Engineers (18CY301)*” in the III semester.
- ii. Being the course “*Basic Electronics Engineering*” as one of the courses in III semester, it was suggested to include the practical course titled, “*Electronics Laboratory*” in the III semester with 1 credit.
- iii. The total number of credits for III semester is 22.5.
- iv. The course *Statistics and Numerical Methods (18MA302)* can be opted as open elective- II in VI semester and hence it can be replaced with the course “*Kinematics of Machinery*” in IV semester with 4 credits.
- v. The number of credits for the course “*Applied Thermodynamics*” is changed from 4 to 3.


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- vi. *Fluid Mechanics and Strength of Materials laboratory is included in semester IV with 1.5 credit.*
- vii. The total number of credits for the semester IV is 20.

Semesters V and VI:

- i. It was suggested to include a course in semester V, titled *Metrology and Quality Control* in semester V with 3 credits.
- ii. It was suggested to include the course, *Dynamics of Machinery* and also to change the credits from 4 to 3 for the courses namely, *Instrumentation & Control and Dynamics of Machinery* in semester V.
- iii. It was suggested that the *Thermal Engineering Lab II* be renamed as *Heat Transfer and Refrigeration Lab* in semester V.
- iv. It was discussed to replace the project I (summer internship) with *Dynamics & Metrology Lab* in semester V with the credit of 1.5.
- v. The total number of credits in semester V is 20.
- vi. It was suggested to introduce the theory course “*Computer Integrated Manufacturing*” with credit 3 in semester VI.
- vii. It was suggested to change the number of credits for the course “*Finite Element Analysis*” from 4 to 3 in VI semester.
- viii. It was suggested to exclude the course *Manufacturing Technology Lab* and include the course *CAD/CAM lab* (credit 1.5) in semester VI.
- ix. It was discussed to replace the project II (summer internship) with Mini Project in sixth semester with the credit of 1.
- x. The total number of credits in semester VI is 21.5.

Semesters VII and VIII:


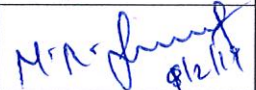


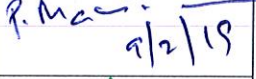

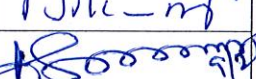
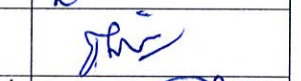


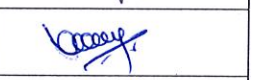
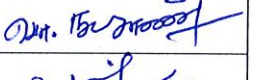

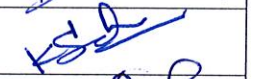
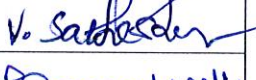
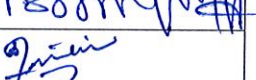
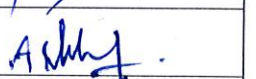





- i. It was discussed to replace the course *Automation in Manufacturing (18ME701)* with the course “*Mechatronics*” with in seventh semester with the same credit.
- ii. It was discussed to rename the course *Project III as Project I* in seventh semester with 4 credits.
- iii. The total number of credits for the seventh semester is 17.5.
- iv. It was decided to rename the course *Project IV as Project II* in eighth semester with 10 credits.
- v. The total number of credits for the eighth semester is 19.

The total number of credits is 160.


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Agenda 2: Approval of Syllabi for III to VIII semester – Year (2018-Regulations)

It was resolved to approve all the suggestions made by the members and each suggestion to be incorporated in the respective syllabus. (Annexure II)

Sl.No	Category	Name	Signature
1.	Chairman	Dr. R. Vijayan Professor Department of Mechanical Engineering, GCE, Salem	
2.	University Nominee	Dr. M.R.Swaminathan Associate Professor / Department of Mechanical Engineering Anna University, Guindy, Chennai	
3.	Subject Expert	Dr. V. Mariappan Associate Professor/ Department of Mechanical Engineering NIT, Trichirappalli	
4.		Dr. S. Suresh, Associate Professor/ Department of Mechanical Engineering NIT, Trichirappalli	
5.		Dr. P. Mathiazhagan Professor / Department of Mechanical Engineering Pondicherry Engineering College, Pondicherry	
6.		Prof. Leema Mary, HOD/Department of Mathematics	
7.		Dr. T. Balusamy, Assistant Professor Department of Mechanical Engineering, GCE, Salem	
8.	Members in the Department	Prof. A. Baraniraj. Assistant Professor Department of Mechanical Engineering, GCE, Salem	
9.		Dr. S. Sivalakshmi, Assistant Professor Department of Mechanical Engineering, GCE, Salem	
10.		Dr. R. Vivekananthan, Assistant Professor Department of Mechanical Engineering, GCE, Salem	
11.		Dr. M. Raja, Assistant Professor Department of Mechanical Engineering, GCE, Salem	
12.		Prof. R. Jamuna, Assistant Professor Department of Mechanical Engineering, GCE, Salem	
13.		Prof. K. Kavitha, Assistant Professor Department of Mechanical Engineering, GCE, Salem	
14.		Prof. P. Natarajan, Assistant Professor Department of Mechanical Engineering, GCE, Salem	
15.		Dr. M. Mohanraj, Assistant Professor Department of Mechanical Engineering, GCE, Salem	
16.		Dr. D. Lavanya, Assistant Professor Department of Mechanical Engineering, GCE, Salem	
17.		Prof. K. Sakunthala, Assistant Professor Department of Mechanical Engineering, GCE, Salem	
18.		Dr. V. Sathesh Kumar, Assistant Professor Department of Mechanical Engineering, GCE, Salem	
19.	Alumni Members	Dr. P. Suresh, Professor, Sona College of Technology, Salem	
20.		Dr. D. Dominic, AP, Sona College of Technology, Salem	
21.	Student Members	Thiru. Arun Manikandan	
22.		Ms. Preetha Malini	


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