

**Department of Production Engineering and Industrial  
Management, Minutes of Board of Studies Meeting Held on 4<sup>th</sup>  
July 2019**

The meeting was held on 4<sup>th</sup> July 2019 at 10.30 AM in Computer Lab-1 of Production Engineering and Industrial Management Department.

Following Members were present in the meeting:

1. Prof. V. Radhakrishnan, Professor, Indian Institute of Space Science and Technology ( IIST )
2. Prof. Shounak Kumar Choudhury, Professor, Department of Mechanical Engineering, Indian Institute of Technology, Kanpur  
Kanpur - 208 016, India.
3. Dr. Y. P. Reddy, Principal, NBN School of Engineering, Ambegaon,  
Pune
4. Mr. Dilip Sarode, TAL Manufacturing Solutions
5. Mr. Yogesh Uke, Technical Customer Support Manager, 3D PLM  
Software Solutions Private Limited
6. Dr. P.D. Pantawane
7. Dr. H. Bagchi
8. Dr. P.K. Brahmankar
9. Dr. (Mrs.) N.R. Rajhans
10. Dr. B. Rajiv
11. Dr. (Mrs.) A. V. Mulay
12. Dr. M.D. Jaybhaye
13. Dr. B.U. Sonawane
14. Dr. S.M. Patil
15. Dr. M. R. Dhanvijay
16. Mr. S.U. Ghunage
17. Mr. J.S. Karajgikar
18. Mr. Suleman Shaikh
19. Mr. Jameer Bagwan

**The agenda for the meeting was:**

- Revision of Curriculum Structure and Syllabi of M. Tech. Production Engineering., M. Tech. Project Management and M. Tech. Mechatronics.
- Revision of Curriculum Structure of B. Tech. Production Engineering-Sandwich Course.

The UG structure and syllabus was discussed at length. The minutes of the meeting are as follows:

1. Dr. P. D. Pantawane welcomed the members and presented an overview of the department by presenting details of structure and courses offered by department as per agenda.
2. At the beginning of discussion about UG Structure Prof. V. Radhakrishnan suggested that instead of 166 total credits for UG, department can reduce total number of credits to reduce burden on student and his suggestion well supported by Prof. Shounak Kumar Choudhury.
3. Discussion was started with the two courses offered by Production Department to FY B.Tech and name of these courses are Mechanical Fab Shop and Design Thinking. Prof. V. Radhakrishnan suggested that there is need of power tooling for Mechanical Fab Shop practical and separate syllabus should be there for Non-Electrical and Electrical group- supported by Prof. Shounak Kumar Choudhury, Dr. Y. P. Reddy, and Mr. Dilip Sarode.
4. Prof. V. Radhakrishnan suggested that in design thinking syllabus design concept and Design tool should be separate.
5. In semester III, Strength of Material course should be taught by our department or Mechanical Faculty for better understanding of students suggested by Prof. Shounak Kumar Choudhury, Dr. (Mrs) Rajhans and Dr. P.D. Pantawane has justified policy followed for common subject at COEP.
6. Prof. V. Radhakrishnan suggested that name of the course Production process should be change to Manufacturing Process and supported by other members.

7. Dr. Y. P. Reddy suggested that the Industrial Management subject should be taught/ offered under HSMC for all department.
8. In semester six instead of the one course Engineering Economics – I & II there should be two separate courses one Engineering Economics as SLC course in Fifth semester and another in semester six as Business Economics suggested by Prof. V. Radhakrishnan and supported by Prof. Shounak Kumar Choudhury, Dr. Y. P. Reddy, Mr. Dilip Sarode, Dr. P. K. Brahmanekar, Dr. (Mrs) Rajhans and Dr. H. Bagchi.
9. The course Industrial Engineering and Management should be there as department level elective for our students suggested by Dr. P. K. Brahmanekar and supported by others.
10. The course Operations Efficiency should be renamed as Performance analysis of operations suggested by Dr. H Bagchi and supported by Prof. V. Radhakrishnan and others.
11. Dr. P.D. Pantawane presented the structure and syllabus for all M Tech specializations.
12. During presentation and discussion of Mtech manufacturing automation syllabus suggested that there were few courses like 'Advanced manufacturing Lab', 'Sensors for Intelligent Manufacturing', 'Robotics and Manufacturing Automation' and 'Additive Manufacturing processes, Machines and Applications' in the first semester syllabus should be rename as 'Advanced Manufacturing Practices Laboratory', 'Sensors and Actuators for Intelligent Manufacturing', 'Robot Integrated Manufacturing Automation' and 'Additive Manufacturing Technologies and Applications' respectively.
13. In the course 'Additive Manufacturing Technologies and Applications' syllabus content need to modify and additional topics like power quality should be included suggested by Dr. H Bagchi and supported by Prof. V. Radhakrishnan and others.
14. Dr. H. Bagchi suggested to relooked and modify the syllabus of Advanced Materials and Processing Material by discussing with metallurgy department.  
Also in the syllabus of Advanced Manufacturing Technology focus should be on Analysis of Non-conventional processes by omitting topics of MEMS.

15. BOS members also suggested to add new departmental elective subject “Dynamics of Machining” and shuffling of departmental electives in all three elective groups.
16. The course Human Factors in Design & Manufacturing should be renamed as Ergonomics in Design & Manufacturing suggested by Prof. Shounak Kumar Choudhury and supported by Prof. V. Radhakrishnan and others.
17. In the discussion of Mtech Mechatronics syllabus, it was discussed that the contents of Principles of Design of Machine Elements need to modify by eliminating the vibration topics.
18. Dr. M.D. Jaybhaye presented Mtech Project Management syllabus, Dr. (Mrs) N. R. Rajhans and Dr. H. Bagchi have given suggestions regarding course contents.
19. Dr. (Mrs) N. R. Rajhans suggested that in the syllabus of “Principles of Project Management” the topic breakeven points and balance sheet and in “Production & Operations Management” the last topic on MRP need to delete.
20. The course Managerial Accounting and Financial Management should be renamed as Financial Planning and Management suggested by Dr. (Mrs) N. R. Rajhans and supported by Prof. V. Radhakrishnan and others.
21. Dr. (Mrs) N. R. Rajhans suggested that in the syllabus of departmental elective “Modelling of Production Systems” some of the topics like Hard Automations and AGV’s need to replace with additional content on facility planning.
22. Prof. V. Radhakrishnan suggested that name of the course Human Resource Development should be change to Human Resource Management and supported by other members.
23. BOS has approved the structure and syllabus of UG and PG courses with modification suggested during the meeting.
24. Finally, Dr. P.D. Pantawane gave vote of thanks to all members of BOS for their valuable inputs.

Pune  
Dated: 4th July, 2019

Dr. P.D.Pantawane  
**Head, Department of  
Production Engineering  
and Industrial Management**