

Department of Production Engineering and Industrial Management,

Minutes of BOS Meeting Held on 14th Feb. 2020.

The meeting was held at 11.30 AM in Computer Lab-1 of Production Engineering and Industrial Management Department.

Following Members were present in the meeting:

External Panel:

1. Mrs. Ganesh Suryawansi.
2. Preetam Kalos, MIT, Alandi.
3. Dr. V. Radhakrishnan, Former Professor, IIT Madras.
4. Dr. P.D. Pantawane
5. Dr. B. Rajiv
6. Dr. (Mrs.) N.R. Rajhans
7. Dr. (Mrs.) A. V. Mulay
8. Dr. M.D. Jaybhaye
9. Dr. B.U. Sonawane
10. Dr. S.M. Patil
11. Dr. S.S. Anasane
12. Mr. S.U. Ghunage
13. Mr. J.S. Karajagikar
14. Dr. M. R. Dhanvijay
15. Mr. Suleman Shaikh
16. Dr. Kishor Jawale
17. Dr. Ashwini Ramteke
18. Mr. Jameer Bagwan
19. Dr. P.P.Chikate
20. Dr. H. Bagchi

The agenda for the meeting was to discuss:

1. Approval of S.Y. B.Tech. Production Engineering (Sandwich) Syllabus
 2. Approval of S.Y. M. Tech. (Manufacturing Engineering and Automation) Syllabus
 3. Approval of S.Y. M. Tech. (Mechatronics) Syllabus
 4. Approval of S.Y. M. Tech. (Project Management Syllabus) Syllabus
 5. Approval for F.Y. B. Tech. Manufacturing Science and Engineering (Regular Pattern) proposed curriculum structure and Syllabus planned to start from academic year 2020-21.
 6. Approval for F.Y. M.Tech. Robotics and Artificial Intelligence Programme Syllabus proposed to start from academic year 2020-21.
-
1. Dr. Pantawane welcomed the members and presented an overview of the department.

2. Prof. V. Radhakrishnan and other members suggested not mentioning specific software name in course outcome of PSG course. Instead only mention any CAD software.
3. Prof. V. Radhakrishnan suggested removing Planer and shaper machines from Production process course as it does not use any more in industries.
4. Prof. V. Radhakrishnan suggested to include CNC machines introduction in Production process course
5. Prof. V. Radhakrishnan suggested, that the manufacturing process should be categorized as
 - i) Material movement- Forming, Forging and Casting
 - ii) Removing of Material- machining
 - iii) Additive process- 3D Printing
6. Prof. V. Radhakrishnan also suggested imparting machine tool system as accessories. Jig is no more utilized hence, fixture design should be promoted.
7. Mr. Ganesh Suryawanshi mentioned new process of die less forming can be considered.
8. Prof. Bagchi suggested incorporating additive manufacturing in Production processes.
9. Prof. V. Radhakrishnan suggested including about high speed machining as well as non-conventional approaches in machining to be included in unit-VI of production processes.
10. Prof. V. Radhakrishnan suggested including encoders, digital scales, angular and linear measurements in Metrology course theory as well as in laboratory.
11. In the new structure of B.Tech (Manufacturing Science and Engineering) Prof. V. Radhakrishnan suggested to include scientific concepts in manufacturing in material theory as well as in machining science during IIIrd and IVth semester.
12. Metrology and production control should be renamed as Metrology and process control, suggested by Prof. V. Radhakrishnan.
13. For M.Tech. (Robotics and AI) structure, Prof. V. Radhakrishnan suggested that the Mechanical group should learn E- group subjects and vice versa. As per the need the subjects can be modified.
14. Mr. Ganesh Suryawanshi industry expert commented that the proposed M.Tech. (Robotics and AI) structure should have subjects in accordance with industry requirements. Hence, need to incorporate subjects accordingly. Prof. M.D. Jaybhaye mentioned that nowhere courses being offered with Robotics and AI as course name. Otherwise simply Robotics course title won't fetch admission.
15. Prof. V. Radhakrishnan suggested that the M.Tech. (Robotics and AI) may be renamed as M.Tech. (Robotics and Automation). Prof. Bagchi suggested that, once approval comes, subjects contents, and syllabus should be revised to refine further.
16. Dr. Pantawane noted the suggestions from all the members and assured to implement possible changes.

Meeting was concluded with vote of thanks to the chair.

Dated: 14th Feb, 2020.

**Head, Department of
Production Engineering
and Industrial Management**