

Department of Production Engineering and Industrial Management

Minutes of Industry Advisory Board Meeting held on

13th January 2017

The meeting was held on 13th January 2017 at 11 AM in seminar hall of Production Engineering Department.

Following Members were present in the meeting:

1. Dr. S. Satish Kumar, Director, CMTI, Chairman, IAB
2. Prof. V. Radhakrishnan, Professor Emeritus, IIST, Trivandrum, Member
3. Dr. R. G. Kulkarni, MD, Technofour, Pune. Member

Faculty members from the Department

1. Dr. S.K. Basu
2. Dr.H. Bagchi
3. Dr. P. P.Chikate
4. Prof. K.G. Patil
5. Dr. B. Rajiv
6. Dr. N.R. Rajhans
7. Dr. A. V. Mulay
8. Dr. M.D. Jaybhaye
9. Dr. B.U. Sonawane
10. Dr. S.M. Patil
11. Dr. P.D. Pantawane
12. Dr. Ravi Kant
13. Mr. S.U. Ghunage
14. Mr. J.S. Karajgikar
15. Mr. M. R. Dhanvijay
16. Mr. Suleman Shaikh

Dr. Rajiv, Head of the department gave an overview of the department by presenting details of faculties, various clubs and their activities, course curriculums, laboratories, space availability, collaborations, placements, achievements, etc. Many suggestions for long term benefits of the institute were given by the industrial representatives. The minutes of the meeting are as follows:

1. Majors and minors scheme was discussed at length.
 - It was suggested that the CGPA should be high for the student adopting honor courses. A student having less CGPA should not be given honor certificate. The present criteria of 6.5 CGPA for adopting honor scheme should be changed and minimum criteria should be 7.5.
 - Offering advanced courses in fifth semester is not recommended as students do not have basic knowledge to really understand the basic subjects. Subject like Advanced Machine Tool Design is allocated in fifth semester under honor scheme which is not justifiable especially in the scenario when he/she will be studying Machine Tool Design in the seventh semester. Studying advanced version first and then the basic version does not make any sense. It was recommended to modify the structure of the honor scheme.
2. It was suggested that subjects like “Precision Engineering for Design” should be introduced for PG which are more important in modern era. Subjects should be from current emergent areas.
3. Measurement subject should be taught to the students before teaching manufacturing subjects.
4. “Cyber Physical System (CPS)” is important in modern era and there should be a deep thought for integrating CPS in core production engineering.
5. Many software/IT/Consultancy companies come for recruitment. Therefore, more focus should be given to satisfy their requirements. It was recommended to give some focus on cyber expertization. Some subjects like cyber manufacturing, cyber communication, robotics, etc. should be taught. Logical and analytical skills of students should be explored which are the core strength of Indians.

6. Basics of the students should be strengthened and some mechanism for first year to final year students should be implemented to ensure understanding of basic/fundamental knowledge by each and every student.
7. It was suggested to get more funding from industries. The department should project its work, strength and facilities to the industries which will help to get more funding and consultancy work.
8. It was recommended to write the project proposals in association with industries. It will help to grow the manufacturing sectors and the project outcome will have the practical applications in automation, smart manufacturing, etc. It will ensure proper utilization of the project fund.
9. It was recommended to organize a certification program for each costly equipment. Each faculty and scholars should join this program. It will enhance the utilization of the equipment.
10. Institute should join the National Knowledge Network which provides a unified high speed network backbone for educational institutions in India as soon as possible. **(We already have 1 GBPS connectivity).**
11. Faculty chair should be a note-worthy person from nearby place so that he/she can be easily available and many benefits from his/her contacts can be obtained. Chair person should not be burdened with many administrative load. He/she should be appointed for two years only so that the system will be dynamic. However, it can be extended for another one year, if required.
12. Industries should be invited to have association with department.
13. Newsletters containing student's projects, new equipment purchased, facilities available, etc. should be provided to the industries in soft form. It will help them to identify the core strength of the students and faculties. Projects can be demonstrated to the industries by poster session.
14. There should be some mechanism that the industries can complain or give feedback about quality of the students after hiring them.
15. It was agreed that many changes are not possible at this moment; those can be implemented after getting Deemed Status.

16. The meeting ended with a vote of thanks to the Chair.
