



MARATHA VIDYA PRASARAK SAMAJ'S

Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering, Nashik - 13.

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An autonomous Institute Permanently affiliated to Savitribai Phule Pune University

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Department of Instrumentation & Control

Date: 31/08/2024

Minutes of Meeting

BOS Meeting dated 30th August 2024 (10.00 am onwards)

Academic Year	2024-25
Date of Meeting	30/08/2024
Time	10.00 am to 12.00 pm
Headed by	Dr. B.J. Parvat
Venue	DCS & Automation Lab (Instrumentation & Control Engg. Dept).

Meeting Agenda

1. Welcome and felicitation of BOS members coming from outside
2. Introduction of BOS Members
3. Brief about department
4. Point Discussion of Second, Third and Final year B.Tech. Program Structure
5. Any other point with the permission of the chair

Minutes of Meeting

1. Points Discussed in the First BOS Meeting for Instrumentation & Control Engineering Branch.
2. The department's first BoS meeting was attended by Mr. Hemant Lele (Director, Emerson), an industry expert; Mr. Pralhad Dhumal (GM, Fox Solutions), an expert in special courses from outside the autonomous college; Dr. G. M. Malwatkar (HOD in GCOE Jalgaon), an expert from outside the parent university; and Mr. Dadasaheb Pawar (Owner, Teklogica), an alumnus. They were welcomed and felicitated by the department.
3. Dr. B. J. Parvat provided a brief overview of the department's progress and achievements to the BoS members.
4. After providing a brief overview of the department, Dr. B. J. Parvat presented the proposed curriculum structure for the S.Y., T.Y., and B.Tech. Instrumentation and Control Engineering programs. This presentation was in reference to NEP guidelines and the UGC credit framework. He also discussed the course baskets for Program Core Courses (PCC) and Program Elective Courses (PEC).
5. Mr. Hemant Lele suggested that more focus should be placed on practical work, behavioral tests, and building student responsibility when designing the curriculum structure. He recommended that practical and oral exams be assessed externally. Additionally, he suggested including courses such as Electric Vehicles, Building Automation, and Biomedical Instrumentation in the electives rather than core courses and exploring aerospace topics in the curriculum if possible.
6. Mr. Pralhad Dhumal suggested developing students' thinking abilities and emphasizing the fundamentals. He recommended that students focus on clearing campus exams and using reference books. He advised correlating controls and network theory with core subjects and relating practicals of certain subjects to our field. Additionally, he proposed combining 70% Analytical Instrumentation and 30% Biomedical Instrumentation into a single elective course and suggested integrating internships with projects.
7. Dr. G. M. Malwatkar suggested to include course content such as Communication Protocols and Network Topology in the curriculum. He recommended to be cover concepts like IGBT, MOSFET, and electrical machines before Electrical Drives course in the curriculum. He also proposed to add a Project Management course as an open elective. Additionally, he suggested to conduct a market demand survey to improve the curriculum.
8. Mr. Dadasaheb Pawar suggested to include Economics and Project Management courses in the curriculum. He recommended that Project Management should cover with site activities and integration of instruments with processes. He also proposed, if possible, consider power generation and power plants instrumentation in the curriculum. He also proposed to add on-the-job training and provide options for students who do not secure projects or internships.
9. 8. After a long and productive discussion with the BoS members, the proposed program curriculum structure was revised and finalized.
10. The meeting was concluded with vote of thanks by Dr. A. R. Kulkarni.





Chairman

BoS, Instru. & Control Engineering
MVP'S KBT College of Engineering
Nashik-13.