



MARATHA VIDYA PRASARAK SAMAJ'S

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



An autonomous Institute Permanently affiliated to Savitribai Phule Pune University

Permanently Affiliated to Savitribai Phule Pune University Vide Letter No. : CA/1542 & Approved by AICTE New Delhi - Vide Letter No. : 740-89-32 (E) ET/98 AISHE Code - C-41622

Department of Instrumentation & Control

Date:13/01/2025

Minutes of Meeting

BOS Meeting dated 11th January 2025 (10.30 am onwards)

Academic Year	2024-25
Date of Meeting	11/01/2025
Time	10.30 am onwards
Headed by	Dr. B.J. Parvat (BoS Chairman)
Venue	Online through Google meet. Google Meet Link: https://meet.google.com/geo-wknc-hkn
BoS Members Present	1. Dr. B. J. Parvat (BoS Chairman) 2. All department faculty members. 3. Dr. S. P. Jadhav, Head and Professor in Instrumentation at RAIT, Mumbai 4. Dr. G. M. Malwatkar, Head and Associate Professor in Instrumentation at GCOE, Jalgaon 5. Mr. Hemant Lele, Director, Emerson Automation Solution, Nashik, Nashik 6. Mr. Pralhad Dhumal, General Manger, Fox Solutions Pvt. Ltd. Nashik 7. Mr. Dadasaheb Pawar, Owner, Teklogica Control Systems, Nashik

Meeting Agenda

1. Welcome of BoS members joined for online meeting
2. Finalizing the syllabus structure for B. Tech. Instrumentation and Control (second, third, and fourth years)
3. Reviewing and finalizing the syllabus contents for the S.Y. B.Tech. Instrumentation & Control Engineering

Minutes of Meeting

Summary of Points Discussed in the BoS Meeting for Instrumentation & Control Engineering Branch

1. The BoS Chairman, Dr. B.J. Parvat, welcomed all the BoS members to the meeting.
2. Dr. A.K. Patil, the Academic Coordinator, presented the proposed curriculum structure for the Second, Third, and Final years of the B.Tech. program for discussion, suggestions, and finalization.
3. Dr. Jadhav suggested that separate course codes should be assigned for theory and practical components. Additionally, courses on human values, management, and entrepreneurship should be prepared at the institute level and be made common for all students.





4. Dr. Jadhav, Mr. Lele, and Mr. Dhumal recommended preparing semester-wise groups of MDM (Mandatory Discipline) courses with multiple learning tracks for students. They also suggested determining the number of tracks.
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6. Dr. Jadhav, Mr. Lele, and Mr. Dhumal suggested preparing a group of program electives and aligning them semester-wise. It was agreed that the Power Plant Instrumentation course should be included as an elective. Additionally, Open Electives should focus on fundamental courses.
7. Dr. Jadhav and Mr. Lele advised placing the "Process Instrumentation" and "Project Management" courses in the Sixth semester instead of the Seventh semester, ensuring that these courses are completed before placement drives.
8. Dr. Jadhav proposed including the "Constitution of India" as part of the Audit course.
9. Mr. Lele suggested that the "Robotics and Automation" course should be considered a program elective instead of a core course.
10. Mr. Dhumal, Mr. Lele, and Dr. Jadhav recommended adding the "Law of Affinity in Flow Sensors" and "Introduction to Smart Sensors" in the Sensors and Transducers course.
10. All BoS members emphasized the need to upgrade existing laboratories to cover all the practicals outlined in the revised curriculum.
11. All members agreed to rename the "Industrial Instrumentation" course as "Electronic Instrumentation."
12. Mr. Dhumal recommended including Diodes and Thyristor families in the "Power Devices" unit. Dr. Jadhav advised including "Electropneumatics" in the "Pneumatics and Hydraulics" unit. Mr. Lele recommended adding a conceptual framework based on the ISA 18.2 standard for Alarm Annunciators and also suggested including Servo and Stepper Motors.
13. All members agreed that "Mathematics for Instrumentation" should be made a compulsory course in MDM.
14. All members agreed that the "Analog and Digital Circuits" course is well-structured but should be made more practical-oriented.
15. It was recommended by all members to include "Isolators and Barriers" under the "Converters" section in the Process Control course.





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16. All members recommended incorporating hardware-based practicals into the "Instrumentation System Design" course.
17. The revised curriculum structure and the updated S.Y. B.Tech. syllabus contents will be prepared and communicated to all BoS members in a short period.
18. Dr. Y.P. Patil summarized all the guidance and suggestions provided by the BoS members.
19. The meeting was concluded with a vote of thanks by Dr. A.K. Patil.



Dr. B. J. Parvat

**BoS Chairman
Chairman**

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