



बिरला प्रौद्योगिकी संस्थान BIRLA INSTITUTE OF TECHNOLOGY

(वि० अनु० अधिनियम १९५६ की धारा ३ के तहत मानित विश्वविद्यालय || A Deemed to be University u/s 3 of UGS Act, 1956)
मेसरा, राँची-८३५२१५ (भारत) || MESRA, RANCHI - 835 215 (INDIA)

July 29, 2024.

Minutes of the meeting of Board of Studies held on 29.07.2024.

A meeting of the Board of Studies of the Department was held July 29, 2024, at 4.00 pm. in online mode to discuss various agenda, as given below.

Agenda 1: Introduction of NEWCOURSE STRUCTURE & SYLLABUS for B. TECH in PRODUCTION AND INDUSTRIAL ENGINEERING (Based on NEP-2020, CBCS & OBE Model) -Effective from Academic Session 2024-25.

Decision: approved by BoS

Agenda 2: Revision of PROGRAM CORE, PROGRAM ELECTIVE COURSES and introduction of VOCATIONAL COURSES in NEW COURSE STRUCTURE & SYLLABUS for B. TECH in PRODUCTION AND INDUSTRIAL ENGINEERING -Effective from Academic Session 2024-25.

Revision of PROGRAM CORE, PROGRAM ELECTIVE COURSES:

- 1. PE24102 Workshop Practice
- 2. PE24201 Introduction to Materials Engineering
- 3. PE24202 Materials Engineering Lab
- 4. ME24205 Strength of Materials
- 5. ME24207 Kinematics and Dynamics of Machines
- 6. PE24207 Metrology & Measurement

The following members were present in online mode meeting

Sl. No.	Name	Designation (Kindly mention Ex-officio where applicable)	Role	Signature
1	Dr. Joyjeet Ghose	Head, Production and Industrial Engineering Dept., (Ex-officio)	Chairman	
2	Dr. L.N. Pattanaik	Associate Professor, Production and Industrial Engineering Dept.	Internal Member	
3	Dr. R.K. Singh	Associate Professor, Production and Industrial Engineering Dept.	Internal Member	
4	Dr. Somak Datta	Assistant Professor, Production and Industrial Engineering Dept.	Internal Member	
5	Dr. Utpal Baul	Professor, Management Dept.	Internal Member	
6	Dr. D.P. Mishra	Professor, Mechanical Engineering Dept.	Internal Member	
7	Mr. Kapil Deo Prasad	Assistant Professor, Production Engineering Dept., BIT Mesra (Patna Centre)	Internal Member	Approved via email
8	Dr. Anil Kumar Sharma	Assistant Professor, Production Engineering Dept., BIT Mesra, (Deoghar Centre)	Internal Member	Approved via email
9	Dr. Govind Sharan Dangayach,	Professor and Head, Mechanical Engineering Dept., Malaviya National Institute of Technology, J I Nehru Marg, Jaipur	External member	Approved via email
10	Dr. Saroj Kumar Patel	Professor, Mechanical Engineering Dept., National Institute of Technology Rourkela	External member	Approved via email
11	Mr. Vishwajit Kumar	Senior Manager, Iron Making Division, MECON Ltd., Doranda, Ranchi	External member	Approved via email
12	Dr. Vinay Sharma	Professor, Production and Industrial Engineering Dept.	Invited Member	
13	Dr. Bappa Acherjee	Assistant Professor and UG Coordinator Production and Industrial Engineering Dept.	Invited Member	
14	Ms. Sakshi Kumari	Final Year Student, B.Tech in Production and Industrial Engineering, Production and Industrial Engineering Dept.	Internal Member	Approved via email



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- 7. PE24206 Foundry, Forming, and Welding Lab
- 8. PE24208 Metrology and Measurement Lab
- 9. PE24215 Quantitative Techniques for Data Analysis
- 10. PE24305 Statistical Quality Control
- 11. PE24304 Machine Drawing and CAD Lab

Introduction of VOCATIONAL COURSES:

1. PE24190 Welding Technology
2. ME24104 Working with AutoCAD
3. PE24290 CNC Machining
4. ME24208 Installation, Testing and Maintenance of Solar Appliances



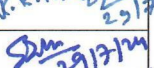
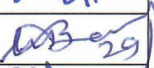

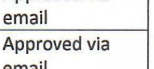


Decision: approved by BoS

Agenda 3: Revision of DEPARTMENT VISION and MISSION statements to emphasize innovation and entrepreneurship as suggested by the NBA expert committee during their 2023 visit.

DEPARTMENT VISION:

- To become a center of repute in production and industrial engineering committed to quality education, innovative research, and entrepreneurship skills in consonance with societal, economic and sustainable needs.*

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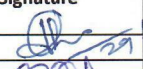

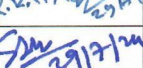
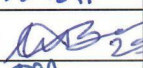
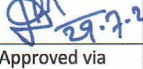
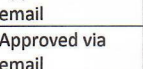


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DEPARTMENT MISSION

- To provide quality education at undergraduate, postgraduate, and doctoral levels, preparing students for leadership roles in industry and academia.
- To establish cutting-edge research facilities in the area of production and industrial engineering and promote a culture of innovation, creativity and entrepreneurship.
- To collaborate with industry, academia, and research organizations to offer technological solutions and services that address contemporary challenges.
- To impart state-of-the-art knowledge to students in the domain of manufacturing and industrial engineering by continuous up-gradation of curricula and faculty expertise.
- To provide a comprehensive education that equips the students with sustainable engineering practices, team spirit, and ethical values required to excel in their careers.

Decision: approved by BoS

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