



बिरला प्रौद्योगिकी संस्थान BIRLA INSTITUTE OF TECHNOLOGY

(वि०अनु०आ० अधिनियम १९६६ की धारा ३ के तहत मान्यता प्राप्त विश्वविद्यालय | A Deemed to be University u/s 3 of UGC Act, 1956)

मेसरा, राँची- ८३५२१५ (भारत) | MESRA, RANCHI - 835 215 (INDIA)

Minutes of the Meeting

Departmental Policy Committee, Production & Industrial Engineering, BIT, Mesra

A Departmental Policy Committee Meeting was held on 11/07/2024 at 12.00 PM to discuss the following agenda:

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

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. APPROVED*

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
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
12. PE24333 Supply Chain Management
13. PE24332 Work System Design Lab
14. ME24317 Finite Element Methods
15. ME24323 Mechatronics
16. PE24402 Manufacturing Automation Lab
17. PE24335 Surface Engineering and Laser Additive Manufacturing
18. PE24339 Tooling for Manufacturing
19. PE24341 Manufacturing Science

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

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. **APPROVED**

Handwritten signatures and dates (11/7/24) are present at the bottom of the page, indicating approval of the meeting minutes.



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Members of Departmental Policy Committee

Dr. Joyjeet Ghose, HOD& Chairman

Dr. Sanjay Kumar Jha, Member

Dr. R. K. Singh, Member

Dr. L.N Pattanaik, Member

Dr. Bappa Acherjee, Member

Dr. Somak Datta, Member

Dr. Binay Kumar, Member

Dr. A. K. Singh, Member

Dr. P Mishra, Member (Allied Dept)

Dr. Priyank Kumar, Member (Allied Dept)

Dr. Vinay Sharma, Invited Member