



DEPARTMENT OF INDUSTRIAL & PRODUCTION ENGINEERING
THE NATIONAL INSTITUTE OF ENGINEERING

(An Autonomous Institution)

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Academic Year 2021-22

B.E. – Industrial & Production Engineering

Course related to Employability, Entrepreneurship and Skill Development

Employability	Entrepreneurship	Skill Development
Work System Design -IP5M01	Engineering Management and Entrepreneurship - IP5C05	Computer Aided Modeling and Analysis lab -IP5L01
Supply Chain & Logistics Management -IP6E101	Lean Manufacturing System- IP6C03	CNC / Robotics Lab- IP6L02
Financial Management -IP7C02	Entrepreneurship Development - IP7E205	Minor Project- IP6C06
Database Management System - IP7E201	Organizational Behavior- IP7E203	Software Application Laboratory- IP7L02
Internet of things -IP7E304	Marketing Management -IP8E602	Project Phase I -IP7C04
Finite Element Methods -IP8E502	Corporate Finance - MPT1C03	Seminar -IP7C03
Facility Planning and Design IP8E501		Internship -IP8C01
Operations Management - IP8E401		Major Project Work -IP8C02
Product Design and Development - IP8E601		Manufacturing system Laboratory-1 - MPT1L01
Industrial Design and Ergonomics - IP8E402		Manufacturing system Laboratory-2 - MPT2L01
Automated Manufacturing Systems - MPT1C02		Industrial Training/ Internship - MPT3C02
Industrial Design and Ergonomics MPT1E101		Seminar - MPT3C04
Additive Manufacturing - MPT1E205		Project work-Phase-I - MPT3C05
Finite Element Analysis - MPT2C02		Project work -Phase-II - MPT4C01
Industry Driven Elective (Project Management) - MPT2I01		
JIT and Lean Manufacturing - MPT2E301		
Operations Research - MPT2E405		

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Academic Year 2021-22

M.Tech – Production Engineering & Systems Technology
Course related Employability, Entrepreneurship and skill development

Employability	Entrepreneurship	skill development
Automated Manufacturing Systems- MPTIC02	Corporate Finance MPTIC03	Manufacturing system Laboratory-1 - MPTILOI
Industrial Design and Ergonomics MPTIE101		Manufacturing system Laboratory-2 -MPT2L01
Additive Manufacturing - MPTIE205		Industrial Training/ Internship - MPT3C02
Finite Element Analysis MPT2C02		Seminar MPT3C04
Industry Driven Elective (Project Management) -MPT2101		Project work-Phase-I -MPT3CO5
JIT and Lean Manufacturing MPT2E301		Project work -Phase-II - MPT4C01
Operations Research MPT2E405		

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