Equivalence of courses in Old & New Scheme for B.Tech. (Production & Industrial Engg.)

Subjects/Courses in Old Scheme		Equivalent Subject/Courses in New Scheme	
Code	**Name**	**Code**	**Name**
3PI1	Mech. of Solids	3PI1A	Mechanics of Solids
3PI2	Material Science & Engineering	3PI2A	Material Science and Engineering
3PI3	Engineering Thermodynamics	3PI3A	Engineering Thermodynamics
3PI4	Manufacturing Processes	-	No equivalence
3PI5	Object Oriented Programming in C++	-	No equivalence
3PI6	Advanced Engg. Mathematics	3PI6A	Advanced Engg. Mathematics
4PI1	Design of M/C Elements - I	4PI4A	Design of Machine Elements - I
4PI2	Theory of Machines	4PI3A	Theory of Machines
4PI3	Fluid Engineering	4PI2A	Fluid Engineering
4PI4	Machining & Machine Tools	4PI5A	Machining Processes & Machine Tools
4PI5	Measurement and Metrology	-	No equivalence
4PI6	Principles & Practices of Management	4PI6A	Principles and Practices of Management
5PI1	Welding Technology and Nondestructive testing	-	No Equivalence
5PI2	Work System design and Ergonomics	-	No Equivalence
5PI3	Operations Research	5PI1A	Operations Research
5PI4	Tool Engineering	5PI2A	Tool Engineering
5PI5	Thermal Engineering	-	No Equivalence
5PI6	Applied Probability and Statistics	5PI6.3A	Statistics for Decision Making
6PI1	Design of Machine Elements -II	6PI1A	Design of Machine Elements - II
6PI2	Industrial Economics	6PI6.1A	Industrial Economics
6PI3	Operation Management	6PI4A	Operations Planning and Control
6PI4	Metal forming	-	No Equivalence
6PI5	Quality Control and Design of Experiments	-	No Equivalence
6PI6	IC Engines and Automobile Engineering	-	No Equivalence
7PI1	Reliability and Maintenance Engineering	7PI1A	Reliability , Availability and Maintainability
7PI2	Total Quality Management		No Equivalence
7PI3	Project Management		No Equivalence
7PI4	Newer Machining Methods		No Equivalence
7PI5	Facilities Planning	7PI5A	Facilities Planning
7PI6	Elective:		
	i. Design and Manufacturing of Plastic Products		No Equivalence
	ii. Mechatronics		No Equivalence
	iii. Computer Aided Design		No Equivalence
8PI1	Modeling and Simulation	8PI4.1A	Modeling and Simulation
8PI2	Computer Integrated Manufacturing system	8PI1A	Computer Integrated Manufacturing
8PI3	Industrial Automation and Robotics		No Equivalence
8PI4	Elective:		
	i. Rapid Prototyping		No Equivalence
	ii. Management Information Systems	8PI4.2A	Management Information Systems
	iii. Product Design and Launching	8PI4.3A	Product Design and Launching

Director Academics

Equivalence of Subjects for B.Tech. P&I (BOS Mechanical) Feb 3rd, 2015