

MANUFACTURING - COURSE STRUCTURE

FIRST YEAR (COMMON FOR ALL BRANCHES)		
TRIMESTER I	TRIMESTER II	TRIMESTER III
Applied Science I	Applied Science II	Workshop Practice
Applied Mathematics I	Applied Mathematics II	Applied Mathematics III
Basic Engineering Drawing	Material Science	Engineering Mechanics
Basic Electrical Engineering	Basic Electronics	Instrumentation Fundamentals
Computer Fundamentals	Computer Programming	Computer Applications Numerical Techniques

SECOND YEAR		
TRIMESTER IV	TRIMESTER V	TRIMESTER VI
Strength of Materials	Engineering Design	Tool Engineering
Fluid Mechanics	Manufacturing Process II	Manufacturing Process III
Manufacturing Process I	Machine Drawing	Metrology & Instrumentation
Theory of Machines	Work Study & Ergonomics	Manufacturing Management
Communication Technique	Introduction to Management	Statistical Methods

THIRD YEAR		
TRIMESTER VII	TRIMESTER VIII	TRIMESTER IX
Automation & Control Engineering	CAD / CAM & CIM	Training in Industry / Organization
Reliability Engineering	Value Engineering	
Process Engineering	Manufacturing Systems & Strategy	
Operations Research	Project Management	
Business Economics	Information Systems	

FORTH YEAR		
TRIMESTER X	TRIMESTER XI	TRIMESTER XII
World Class Manufacturing	Product Design & Development	Advance Economics
Maintenance Engineering & Management	Production Process & Control Systems	Industrial Marketing & Consumer Behaviour
Legal Aspects of Business	Financial Management	Human Resource Management
Financial & Cost Accounting	Marketing Management	Web Services & e-Commerce
Organizational Behavior	Research Methodology	Supply Chain Management
Advanced Statistical Analysis & Operations Research	Quality Management Systems & Practices	Elective I

FIFTH YEAR		
TRIMESTER XIII	TRIMESTER XIV	TRIMESTER XV
Training in Industry / Organization	Project (Presentations & Evaluation)	Business Excellence Models
	Environment Management	Corporate Taxation
	Entrepreneurial Development	
	Strategic Management	International Business
	Product Life Cycle & Technology Management	Intellectual Property Rights
	Elective II	Elective III



Manufacturing Subjects



Management Subjects



Industrial Training / Project