

CHEMICAL - 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	Chemical Engineering Thermodynamics	Process Equipment & Accessories Design
Fluid Mechanics	Heat Transfer Operations	Chemical Process I
Process Calculation	Mass Transfer Operations I	Mass Transfer Operations II
Advanced Chemistry	Solid Fluid Mechanical Operations	Advanced Computing & Applications
Communication Technique	Introduction to Management	Statistical Methods

THIRD YEAR		
TRIMESTER VII	TRIMESTER VIII	TRIMESTER IX
Chemical Process II	Chemical Reaction Engineering	Training in Industry / Organization
Reaction Kinetics	Instrumentation & Process Control	
Process Piping & Plant Utilities	Industrial Safety & Health	
Operations Research	Project Management	
Business Economics	Information Systems	

FORTH YEAR		
TRIMESTER X	TRIMESTER XI	TRIMESTER XII
Environmental Engineering	Project & Process Engineering	Advance Economics
Cad Optimization & Simulation	Food Processing	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	
	Entrepreneurial Development	Corporate Taxation
	Strategic Management	International Business
	Product Life Cycle & Technology Management	Intellectual Property Rights
	Elective II	Elective III



Chemical Subjects



Management Subjects



Industrial Training / Project