

	Bachelor Program in Electronics & Communication Engineering	Bachelor Program in Mechanical Engineering	Bachelor Program in Civil Engineering	Bachelor Program in Electrical Engineering
Minimum	10+2 or Diploma Holder with	10+2 or Diploma Holder with	10+2 or Diploma Holder with	10+2 or Diploma Holder with
Duration	LT-3 year 4 year	LT-3 year 4 year	LT-3 year 4 year	LT-3 year 4 year
	<p>Part-I</p> <ul style="list-style-type: none"> Calculus Physics Mechanics of Solids <p>• Engineering Graphics</p> <p>• Linear Algebra</p> <p>Part- II</p> <ul style="list-style-type: none"> Chemistry Engineering Elements of Electrical Communication Skills <p>• Electronics Devices</p> <p>• Computer Programming</p> <p>Part-III</p> <ul style="list-style-type: none"> Digital Circuits Network Analysis Linear Control System Signals and Systems Electronics Design <p>Part- IV</p> <ul style="list-style-type: none"> Microprocessor Digital Communication Telecom Networks Wireless Communications Project Work 	<p>Part-I</p> <ul style="list-style-type: none"> Engg. Mechanics Engg. Drawings Theory Of Machines Applied Thermodynamics Strength of Material <p>Part- II</p> <ul style="list-style-type: none"> Machine Elements Applied Mathematics I <p>• Computers</p> <p>• Instrumentation</p> <p>• Critical Thinking</p> <p>Part-III</p> <ul style="list-style-type: none"> Fluid Mechanic Refrigeration and Air Conditioning Manufacturing Environmental Engg Applied Chemistry <p>Part- IV</p> <ul style="list-style-type: none"> Communication Skills Applied Mathematics II Applied Physics Material Science Project Work 	<p>Part-I</p> <ul style="list-style-type: none"> Engg. Mechanics Engg. Drawings Elements of Civil Engineering Building Construction Surveying <p>Part- II</p> <ul style="list-style-type: none"> Transportation Structures <p>• Computers</p> <p>• Foundation Design</p> <p>• Irrigation Engineering</p> <p>Part-III</p> <ul style="list-style-type: none"> Cost And Valuation-I Steel Structure Cost And Valuation-II Applied Mathematics I Applied Physics <p>Part- IV</p> <ul style="list-style-type: none"> Thermal Engineering Applied Mathematics II Earthquake Engineering Professional Communication Project Work 	<p>Part-I</p> <ul style="list-style-type: none"> Engg. Mechanics Engg. Drawings Basic Electronics Electrical Engineering ICT Tools and Cyber Security <p>Part- II</p> <ul style="list-style-type: none"> Linear Algebra Analog Electronic Circuits <p>• Computers</p> <p>• Electronic Instrumentation</p> <p>• Industrial Electronics</p> <p>Part-III</p> <ul style="list-style-type: none"> Applied Mathematics Computer Aided Engg Professional Communication Power Generation Electric Machines <p>Part- IV</p> <ul style="list-style-type: none"> Instrumentation Power Electronics Transmission & Distribution Electrical Power Generation Project Work
Total Fees	48,700/-	48,700/-	48,700/-	48,700/-
Exam Duration	10 Days	10 Days (Per Part)	10 Days	10 Days

CHEMICAL ENGINEERING

COURSES	BPEC BACHELOR PROGRAM IN CHEMICAL ENGINEERING (BPCE)
Minimum Qualification	10+2 OR DIPLOMA HOLDER
Subjects Covered	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>SEM 1</p> <p>Inorganic Chemistry</p> <p>Fundamentals of Chemical Engineering</p> <p>Mathematics – I</p> <p>Engineering Mechanics</p> <p>Inorganic Chemistry Lab</p> <p>SEM 3</p> <p>Engineering Thermodynamics</p> <p>Mechanics of Fluid</p> <p>Numerical Methods</p> <p>Elementary Electronics</p> <p>Machine Design</p> </div> <div style="width: 48%;"> <p>SEM 2</p> <p>Strength of Materials</p> <p>Electrical Technology</p> <p>Mathematics – II</p> <p>Organic Chemistry</p> <p>Physical Chemistry</p> <p>SEM 4</p> <p>Chemical Process Calculations</p> <p>Material Science & Engineering</p> <p>Chemical Engineering Thermodynamics</p> <p>Introduction to Transport Phenomena</p> <p>Mechanical Operations</p> </div> </div>

	SEM 5	SEM 6
	Separation Processes - I	Principles of Measurements & Instrumentation
	Chemical Reaction Engineering-I	Process Dynamics & Control
	Chemical Technology – I	Separation Processes – II
	Process Heat Transfer	Chemical Technology – II
	Energy Engineering	Optimization Methods for Chemical Engineering
	SEM 7	SEM 8
	Separation Processes-III	Chemical Project Engineering
	Mathematical Modeling in Chemical Engineering	Economics
	Industrial Pollution Control Engineering	Chemical Process Safety
	Chemical Engineering Project – II	Risk Management
	Project	Project
	.	
Total Fees	48,700/-	
Duration (Fast Track & Regular rack)	2 year – 4 years	
Exam Duration	10 Days	