

NEW COURSES INTRODUCED IN THE YEAR 2009

(a) On-Campus Programmes

New Courses:

S. No.	Course No.	Course Title
1.	BIO C418	Genetic Engineering Techniques
2.	BIOT C418	Genetic Engineering Techniques
3.	BITS C214	Introduction to Mass Communication
4.	BITS C216	Selected Readings
5.	BITS C217	Environment, Development and Climate Change
6.	BITS C364	Human- Computer Interaction
7.	BITS C398	Creative Multimedia
8.	BITS C467	Bioethics and Biosafety
9.	BITS C493	Business Analysis and Valuation
10.	EA C476	Power Apparatus & Networks
11.	EA C477	Foundations of Nanomechanics
12.	CHEM C453	Mathematics for Chemists
13.	CHEM G553	Advanced Physical Chemistry
14.	CHEM G554	Physical Methods in Chemistry
15.	CHEM G555	Chemistry of Life Processes
16.	CHEM G556	Catalysis
17.	CHEM G557	Solid Phase Synthesis and Combinatorial Chemistry
18.	CHEM G558	Electronic Structure Theory
19.	CHEM G559	Bioinorganic Chemistry
20.	CHEM G561	Heterocyclic Chemistry
21.	CHEM G562	Solid State Chemistry
22.	CHEM G563	Advanced Statistical Mechanics
23.	HIST C213	Gulf History and Culture
24.	IS C442	Advanced Algorithms and Complexity
25.	MF C319	Mechatronics and Automation
26.	MF C321	Mechanical Engineering Drawing
27.	MF C453	Industrial Relations
28.	MF C473	Product Design and Development
29.	MF C474	Product Design and Development Projects
30.	PHA C213	Introduction to Physical Pharmacy
31.	TOC C215	Language Laboratory Practice

(b) Off-Campus Programmes

New Courses:

1.	EDLT ZC212	Engineering Mechanics
2.	EDLT ZC242	Fluid Mechanics and Machines
3.	EDLT ZC332	Mechanical Engineering Design I
4.	EDLT ZC341	Thermal Engineering I
5.	EDLT ZC342	Thermal Engineering II
6.	EDLT ZC431	Mechanical Engineering Design II
7.	PEAB ZC382	Cement Technology

Existing courses with new numbers:

1.	EDLT ZC211	Electrical & Electronics Technology
2.	EDLT ZC221	Engineering Mathematics I
3.	EDLT ZC222	Engineering Mathematics II
4.	EDLT ZC231	Principles of Management
5.	EDLT ZC232	Engineering Materials
6.	EDLT ZC241	Technical Report Writing
7.	EDLT ZC311	Manufacturing Process
8.	EDLT ZC312	Computer Programming
9.	EDLT ZC321	Mechanics of Solids
10.	EDLT ZC322	Kinematics & Dynamics of Machines
11.	EDLT ZC331	Optimization
12.	EDLT ZC411	Computer Aided Design
13.	EDLT ZC421	Instrumentation & Control
14.	EDLT ZC423T	Project Work
15.	EDLT ZC441	Automotive Vehicles
16.	EDLT ZC451	Product Design and Development
17.	PEAB ZC111	Computer Programming
18.	PEAB ZC121	Electrical & Electronics Engineering
19.	PEAB ZC131	Engineering Mathematics- I
20.	PEAB ZC212	Engineering Mathematics – II
21.	PEAB ZC221	Principles of Management
22.	PEAB ZC222	Fluid Mechanics
23.	PEAB ZC232	Engineering Materials
24.	PEAB ZC311	Chemical Engineering Thermodynamics
25.	PEAB ZC313	Technical Report Writing
26.	PEAB ZC314	Power Plant Engineering
27.	PEAB ZC321	Chemical Process Calculations
28.	PEAB ZC322	Kinetics & Reactor Design
29.	PEAB ZC331	Quality Control Assurance & Reliability
30.	PEAB ZC341	Heat Transfer
31.	PEAB ZC351	Mass Transfer

32.	PEAB ZC352	Energy Management
33.	PEAB ZC412	Process Equipment Design
34.	PEAB ZC413	Process Plant Safety and Environment
35.	PEAB ZC423T	Project Work
36.	PEAB ZC441	Process Control & Instrumentation
37.	PEHR ZC111	Computer Programming
38.	PEHR ZC121	Electrical & Electronics Engineering
39.	PEHR ZC131	Engineering Mathematics- I
40.	PEHR ZC212	Engineering Mathematics – II
41.	PEHR ZC221	Principles of Management
42.	PEHR ZC222	Fluid Mechanics
43.	PEHR ZC232	Engineering Materials
44.	PEHR ZC311	Chemical Engineering Thermodynamics
45.	PEHR ZC313	Technical Report Writing
46.	PEHR ZC314	Power Plant Engineering
47.	PEHR ZC321	Chemical Process Calculations
48.	PEHR ZC322	Kinetics & Reactor Design
49.	PEHR ZC331	Quality Control Assurance & Reliability
50.	PEHR ZC341	Heat Transfer
51.	PEHR ZC351	Mass Transfer
52.	PEHR ZC352	Energy Management
53.	PEHR ZC383	Extractive Metallurgy
54.	PEHR ZC412	Process Equipment Design
55.	PEHR ZC413	Process Plant Safety and Environment
56.	PEHR ZC423T	Project Work
57.	PEHR ZC441	Process Control & Instrumentation
58.	SEST ZC415	Data Mining
59.	SEST ZC421	Computer Networks
60.	SEST ZC473	Multimedia Computing
61.	SEST ZG512	Object Oriented Analysis and Design
62.	SEST ZG513	Network Security
63.	SEST ZG516	Computer Organization & Software Systems
64.	SEST ZG517	Data Structures and Algorithm Analysis
65.	SEST ZG518	Database Design and Applications
66.	SEST ZG531	Pervasive Computing
67.	SEST ZG629T	Dissertation
68.	SEST ZG651	Software Architectures
69.	SEST ZG652	Software Maintenance Management
70.	SEST ZG661	Software Quality Management
