

ARCHITECTURE

FIRST SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
EN 111	COMPOSITION	3 – 0 – 3
HS 111	GENERAL PSYCHOLOGY	3 – 0 – 3
CS 111	INTRODUCTION TO COMPUTERS & PROGRAMMING	3 – 3 – 4
MA 111	MATHS –I	4 – 0 – 4
PH 111	PHYSICS- I	3 – 3 – 4
CE 111	ENGG. STATICS & DYNAMICS	4 – 0 – 4
		20 – 06 – 22

SECOND SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
AE 121	BASIC & ARCHITECTURAL DESIGN STUDIO	1 – 8 – 9
AE 123	ARCHITECTURAL GRAPHICS	0 – 8 – 8
AE 125	OVERVIEW OF HISTORY OF ARCHITECTURE	4 – 0 – 4
CE 122	BUILDING CONSTRUCTION– I	3 – 0 – 3
		08 – 16 – 24

THIRD SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
AE 231	INTRODUCTION TO ARCHITECTURAL DESIGN I	1 – 8 – 9
AE 232	ENVIRONMENTAL TECHNOLOGY	4 – 0 – 4
AE 233	PRINCIPLES OF ARCHITECTURAL FORM & SPACE	3 – 0 – 3
CE 231	BUILDING CONSTRUCTION II	3 – 2 – 4
CE 241	STRENGTH OF MATERIALS	3 – 0 – 3
		14 – 10 – 23

FOURTH SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
AE 241	INTRODUCTION TO ARCHITECTURAL DESIGN II	1 – 8 – 9
AE 242	ENVIRONMENTAL TECHNOLOGY II	3 – 0 – 3
AE 243	ARCHITECTURAL WORKING DRAWING	0 – 6 – 6
AE 244	ARCHITECTURAL SKETCHING & RENDERING	0 – 3 – 3
CE 232	SURVEYING	3 – 3 – 4
CE 243	BASIC CONCRETE DESIGN	4 – 0 – 4
		11 – 20 – 29

AVIATION / AEROSPACE

FIRST SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
EN 111	COMPOSITION	3 – 0 – 3
HS 111	GENERAL PSYCHOLOGY	3 – 0 – 3
CS 111	INTRODUCTION TO COMPUTERS & PROGRAMMING	3 – 3 – 4
MA 111	MATHS –I	4 – 0 – 4
PH 111	PHYSICS- I	3 – 3 – 4
CE 111	ENGG. STATICS & DYNAMICS	4 – 0 – 4
		20 – 06 - 22

SECOND SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 121	MATHS – II	4 – 0 – 4
PH 121	PHYSICS – II	3 – 3 – 4
CH 121	CHEMISTRY	3 – 3 – 4
ME 121	ENGINEERING GRAPHICS – I	2 – 4 – 4
HS 121	HUMAN FACTORS IN ENGINEERING & DESIGN	2 – 0 – 2
ME 122	FLUID MECHANICS	3 – 3 – 4
		17 – 13 – 22

BioMedical

FIRST SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
EN 111	COMPOSITION	3 – 0 – 3
HS 111	GENERAL PSYCHOLOGY	3 – 0 – 3
CS 111	INTRODUCTION TO COMPUTERS & PROGRAMMING	3 – 3 – 4
MA 111	MATHS – I	4 – 0 – 4
PH 111	PHYSICS- I	3 – 3 – 4
CE 111	ENGG. STATICS & DYNAMICS	4 – 0 – 4
		20-06-22

SECOND SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 121	MATHS – II	4 – 0 – 4
PH 121	PHYSICS – II	3 – 3 – 4
CH 121	CHEMISTRY	3 – 3 – 4
ME 121	ENGINEERING GRAPHICS – I	2 – 4 – 4
BE 121	BIOLOGY	2 – 3 – 3
EE 121	LINEAR NETWORKS IN STEADY STATE ANALYSIS	3 – 0 – 3
		17– 13 – 22

THIRD SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 231	MATHS – III	4 – 0 – 4
EN 231	SPEECH	1 – 2 – 2
EE 231	LINEAR NETWORKS: TRANSIENT ANALYSIS	2 – 3 – 3
EC 231	COMBINATIONAL & SEQUENTIAL LOGIC	3 – 3 – 4
CH 231	ORGANIC CHEMISTRY	3 – 0 – 3
CE 241	STRENGTH OF MATERIALS	3 – 0 – 3
		16 – 08 – 19

FOURTH SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 241	MATHS – IV	4 – 0 – 4
CH 241	BIOCHEMISTRY	3 – 3 – 4
EC 242	MICROPROCESSOR SYSTEMS	3 – 3 – 4
PH 241	MODERN PHYSICS	3 - 3 - 4
BM 241	SIGNAL ANALYSIS & TELEMETRY	3 – 0 – 3
HS 243	ECONOMIC ANALYSIS	4 – 0 - 4
		20- 09 – 23

INDUSTRIAL BIOTECHNOLOGY

FIRST SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HOURS/CREDITS
EN 111	Composition	3 - 0 - 3
HS 111	General Psychology	3 - 0 - 3
CS 111	Introduction to Computers & Programming	3 - 3 - 4
MA 111	Maths – I	4 - 0 - 4
PH 111	Physics – I	3 - 3 - 4
CE 111	Engg. Statics & Dynamics	4 - 0 - 4
		20 - 6 - 22

SECOND SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HOURS/CREDITS
MA 121	Maths – II	4 - 0 - 4
PH 121	Physics – II	3 - 3 - 4
CH 121	Chemistry	3 - 3 - 4
BT 121	Process & Bioprocess Calculation	3 - 0 - 3
BT 122	Introduction to Bioprocess Engg.	3 - 0 - 3
BE 121	Biology	2 - 3 - 3
		18 - 9 - 21

THIRD SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HOURS/CREDITS
MA 231	Maths – III	4 - 0 - 4
EN 231	Speech	1 - 2 - 2
BT 231	Fluid Flow Operations in Bioprocessing	4 - 0 - 4
BT 232	Industrial Microbiology	3 - 3 - 4
CE 241	Strength of Materials	3 - 0 - 3
CHM 234	Analytical Methods & Instrumentation	4 - 0 - 4
		19 - 5 - 21

FOURTH SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HOURS/CREDITS
MA 241	Maths – IV	4 - 0 - 4
CH 241	Bioorganic Chemistry	3 - 0 - 3
BT 241	Thermodynamics for Bioprocessing	3 - 0 - 3
BT 242	Cell & Molecular Biology	3 - 3 - 4
HS 243	Economic Analysis	4 - 0 - 4
CH 241	Biochemistry	3 - 3 - 4
		20 - 6 - 22

CHEMICAL

FIRST SEMESTER

SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
EN 111	COMPOSITION	3 – 0 – 3
HS 111	GENERAL PSYCHOLOGY	3 – 0 – 3
CS 111	INTRODUCTION TO COMPUTERS & PROGRAMMING	3 – 3 – 4
MA 111	MATHS – I	4 – 0 – 4
PH 111	PHYSICS- I	3 – 3 – 4
CE 111	ENGG. STATICS & DYNAMICS	4 – 0 – 4
		20 – 06 - 22

SECOND SEMESTER

SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 121	MATHS – II	4 – 0 – 4
PH 121	PHYSICS – II	3 – 3 – 4
CH 121	CHEMISTRY	3 – 3 – 4
CHM 121	INTRODUCTION TO CHEMICAL ENGG	3 – 0 – 3
BE 121	BIOLOGY	2 – 3 – 3
CHM 122	CHEM. ENGG. THERMODYNAMICS	3 – 0 – 3
		18 – 09 – 21

THIRD SEMESTER

SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 231	MATHS – III	4 – 0 – 4
EN 231	SPEECH	1 – 2 – 2
CHM 231	FLUID FLOW OPERATIONS	4 – 0 – 4
CH 232	TECHNICAL CHEMISTRY-I	3 – 0 – 3
CH 233	TECHNICAL CHEMISTRY - II	3 – 0 – 3
CE 241	STRENGTH OF MATERIALS	3 – 0 – 3
		18 – 02 - 19

FOURTH SEMESTER

SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 241	MATHS – IV	4 – 0 – 4
CH 241	BIOCHEMISTRY	3 – 3 – 4
CHM 241	PROCESS PLANT MATERIALS	3 – 0 – 3
CH 242	TECHNICAL CHEMISTRY – III	3 – 0 – 3
CHM 242	HEAT TRANSFER OPERATIONS	3 – 3 – 4
HS 243	ECONOMIC ANALYSIS	4 – 0 - 4
		20- 06 – 22

CIVIL / CONSTRUCTION

FIRST SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
EN 111	COMPOSITION	3 – 0 – 3
HS 111	GENERAL PSYCHOLOGY	3 – 0 – 3
CS 111	INTRODUCTION TO COMPUTERS & PROGRAMMING	3 – 3 – 4
MA 111	MATHS – I	4 – 0 – 4
PH 111	PHYSICS- I	3 – 3 – 4
CE 111	ENGG. STATICS & DYNAMICS	4 – 0 – 4
		20 – 06 – 22

THIRD SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 231	MATHS – III	4 – 0 – 4
EN 231	SPEECH	1 – 2 – 2
CE 231	BUILDING CONSTRUCTION II	3 – 2 – 4
CE 241	STRENGTH OF MATERIALS	3 – 0 – 3
AE 232	ENVIRONMENTAL TECHNOLOGY	4 – 0 – 4
CE 244	STRENGTH OF MATERIALS LAB	0 – 3 – 1
		15 - 7 - 18

SECOND SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 121	MATHS – II	4 – 0 – 4
PH 121	PHYSICS – II	3 – 3 – 4
CH 121	CHEMISTRY	3 – 3 – 4
ME 121	ENGG. GRAPHICS – I	2 – 4 – 4
CE 121	CONST. MATERIALS LAB	1 – 2 – 2
CE 122	BUILDING CONSTRUCTION – I	3 – 0 – 3
		16– 12 – 21

FOURTH SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 241	MATHS – IV	4 – 0 – 4
CE 242	STRUCTURAL ANALYSIS	4 – 0 – 4
CE 232	SURVEYING	3 – 3 – 4
CE 243	BASIC CONCRETE DESIGN	4 – 0 – 4
ME 241	THERMODYNAMICS & FLUID MECHANICS	3 – 3 – 4
		18 – 06 – 20

COMPUTER

FIRST SEMESTER

SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
EN 111	COMPOSITION	3 - 0 - 3
HS 111	GENERAL PSYCHOLOGY	3 - 0 - 3
CS 111	INTRODUCTION TO COMPUTER & PROGRAMMING	3 - 3 - 4
MA 111	MATHS - I	4 - 0 - 4
PH 111	PHYSICS- I	3 - 3 - 4
CE 111	ENGG. STATICS & DYNAMICS	4 - 0 - 4
		20- 06 - 22

SECOND SEMESTER

SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 121	MATHS - II	4 - 0 - 4
PH 121	PHYSICS - II	3 - 3 - 4
CH 121	CHEMISTRY	3 - 3 - 4
ME 121	ENGG. GRAPHICS - I	2 - 4 - 4
EE 121 OR CS243	LINEAR NETWORKS IN STEADY STATE ANALYSIS OR JAVA PROGRAMMING	3 - 0 - 3 OR 3 - 3 - 4
CS 122	SOFTWARE DESIGN USING OBJECT ORIENTED PARADIGM	3 - 3 - 4
		18 - 13 - 23 OR 18 - 16 - 24

THIRD SEMESTER

SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 231	MATHS - III	4 - 0 - 4
EN 231	SPEECH	1 - 2 - 2
CS 231	DATA STRUCTURES	3 - 3 - 4
EC 231	COMBINATIONAL & SEQUENTIAL LOGIC	3 - 3 - 4
CS 232	COMPUTER ORGANIZATION & ASSEMBLY LANGUAGE PROGRAMMING	3 - 3 - 4
EE 231 OR CS233	LINEAR NETWORKS : TRANSIENT ANALYSIS OR FORMAL LANGUAGES AND AUTOMATA THEORY	2 - 3 - 3 OR 3 - 0 - 3
		16 - 14 - 21 OR 17 - 11 - 21

FOURTH SEMESTER

SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 242 OR CS 244	MATHS - IV OR LANGUAGE PROCESSORS	4 - 0 - 4 OR 4 - 0 - 4
CS 241	ELECTRONIC DEVICES & COMPUTER INTERFACING	3 - 3 - 4
CS 242	COMPUTER ARCHITECTURE	3 - 3 - 4
EE 241 OR CS 245	CONTROL SYSTEMS OR DESIGN AND ANALYSIS OF ALGORITHMS	4 - 0 - 4 OR 4 - 0 - 4
HS 243	ECONOMIC ANALYSIS	4 - 0 - 4
PH 241 OR CS 246	MODERN PHYSICS OR DATABASE MANAGEMENT SYSTEMS	3 - 3 - 4 OR 4 - 0 - 4
		22 - 06 - 24 OR 21 - 09 - 24

ELECTRONICS AND COMMUNICATION

FIRST SEMESTER

SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
EN 111	COMPOSITION	3 – 0 - 3
HS 111	GENERAL PSYCHOLOGY	3 – 0 - 3
CS 111	INTRODUCTION TO COMPUTERS & PROGRAMMING	3 – 3 – 4
MA 111	MATHS – I	4 – 0 – 4
PH 111	PHYSICS- I	3 – 3 – 4
CE 111	ENGG. STATICS & DYNAMICS	4 – 0 – 4
		20 – 06 - 22

SECOND SEMESTER

SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 121	MATHS – II	4 – 0 – 4
PH 121	PHYSICS – II	3 – 3 – 4
CH 121	CHEMISTRY	3 – 3 – 4
CS 122	SOFTWARE DESIGN USING OBJECT ORIENTED PARADIGM	3 – 3 - 4
HS 121	HUMAN FACTORS IN ENGINEERING & DESIGN	2 – 0 – 2
EE 121	LINEAR NETWORKS IN STEADY STATE ANALYSIS	3 – 0 – 3
		18 – 09 - 21

THIRD SEMESTER

SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 231	MATHS – III	4 – 0 – 4
EN 231	SPEECH	1 – 2 – 2
EE 231	LINEAR NETWORKS: TRANSIENT ANALYSIS	2 – 3 – 3
EC 231	COMBINATIONAL & SEQUENTIAL LOGIC	3 – 3 – 4
EC 241	ELECTRONIC DEVICES & CIRCUITS	3 – 3 – 4
EE 233	SPECIAL NETWORK APPLICATIONS	3 – 0 – 3
		16– 11 - 20

FOURTH SEMESTER

SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 241	MATHS – IV	4 – 0 – 4
EE 241	CONTROL SYSTEMS	4 – 0 – 4
EC 242	MICROPROCESSOR SYSTEMS	3 – 3 – 4
EC 243	IC SYSTEMS	3 – 3 – 4
HS 243	ECONOMIC ANALYSIS	4 – 0 - 4
PH 241	MODERN PHYSICS	3 – 3 – 4
		21 – 09 – 24

INDUSTRIAL / MANUFACTURING

FIRST SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
EN 111	COMPOSITION	3 – 0 – 3
HS 111	GENERAL PSYCHOLOGY	3 – 0 – 3
CS 111	INTRODUCTION TO COMPUTERS & PROGRAMMING	3 – 3 – 4
MA 111	MATHS – I	4 – 0 – 4
PH 111	PHYSICS- I	3 – 3 – 4
CE 111	ENGG. STATICS & DYNAMICS	4 – 0 – 4
		20 – 06 – 22

SECOND SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 121	MATHS – II	4 – 0 – 4
PH 121	PHYSICS – II	3 – 3 – 4
CH 121	CHEMISTRY	3 – 3 – 4
ME 121	ENGINEERING GRAPHICS – I	2 – 4 – 4
HS 121	HUMAN FACTORS IN ENGINEERING & DESIGN	2 – 0 – 2
IE 122	THERMO FLUIDS	3 – 3 – 4
		17 – 13 – 22

THIRD SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 231	MATHS – III	4 – 0 – 4
EN 231	SPEECH	1 – 2 – 2
EE 232	D. C & A.C CIRCUIT ANALYSIS	3 – 0 – 3
HS 231	INDUSTRIAL PSYCHOLOGY	2 – 0 – 2
IE 231	STATISTICAL QUALITY CONTROL	3 – 0 – 3
CE 241	STRENGTH OF MATERIALS	3 – 0 – 3
CE 244	STRENGTH OF MATERIALS LAB	0 – 3 – 1
		16 – 05 – 18

FOURTH SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 241	MATHS – IV	4 – 0 – 4
IE 241	INTRODUCTION TO INDUSTRIAL ENGINEERING	2 – 0 – 2
HS 241	CREATIVE THINKING	2 – 0 – 2
PH 241	MODERN PHYSICS	3 – 3 – 4
EE 242	ANALYSIS & CONTROL OF ELECTROMAGNETIC DEVICES	2 – 3 – 3
HS 243	ECONOMIC ANALYSIS	4 – 0 – 4
		17 – 06 – 19

MECHANICAL

FIRST SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
EN 111	COMPOSITION	3 – 0 – 3
HS 111	GENERAL PSYCHOLOGY	3 – 0 – 3
CS 111	INTRODUCTION TO COMPUTERS & PROGRAMMING	3 – 3 – 4
MA 111	MATHS – I	4 – 0 – 4
PH 111	PHYSICS- I	3 – 3 – 4
CE 111	ENGG. STATICS & DYNAMICS	4 – 0 – 4
		20 – 06 – 22

SECOND SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 121	MATHS – II	4 – 0 – 4
PH 121	PHYSICS – II	3 – 3 – 4
CH 121	CHEMISTRY	3 – 3 – 4
ME 121	ENGINEERING GRAPHICS – I	2 – 4 – 4
HS 121	HUMAN FACTORS IN ENGINEERING & DESIGN	2 – 0 – 2
ME 122	FLUID MECHANICS	3 – 3 – 4
		17 – 13 – 22

THIRD SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 231	MATHS – III	4 – 0 – 4
EN 231	SPEECH	1 – 2 – 2
EE 232	D. C & A.C CIRCUIT ANALYSIS	3 – 0 – 3
HS 231	INDUSTRIAL PSYCHOLOGY	2 – 0 – 2
ME 231	PRINCIPLES OF THERMODYNAMICS I	3 – 0 – 3
CE 241	STRENGTH OF MATERIALS	3 – 0 – 3
CE 244	STRENGTH OF MATERIALS LAB	0 – 3 – 1
		16 – 05 – 18

FOURTH SEMESTER		
SUBJECT CODE	SUBJECT	THEORY/LAB HRS/ CREDITS
MA 241	MATHS – IV	4 – 0 – 4
ME 244	DYNAMICS OF SYSTEMS	3 – 3 – 4
HS 241	CREATIVE THINKING	2 – 0 – 2
PH 241	MODERN PHYSICS	3 – 3 – 4
EE 242	ANALYSIS & CONTROL OF ELECTROMAGNETIC DEVICES	2 – 3 – 3
HS 243	ECONOMIC ANALYSIS	4 – 0 – 4
		18 – 09 – 21

