

# CIVIL ENGINEERING

## B.Tech II Year I Semester

S. No.	SUBJECT NAME	CREDITS
1	Mathematics -III	3
2	Engineering Geology	3
3	Strength Of Materials - I	4
4	Surveying	4
5	Environmental Science	2
6	Fluid Mechanics	4
7	Survey Lab	2
8	Engineering Geology Lab	2
9	Mandatory Course- I	nil
	<b>Total No. of Credits</b>	<b>24</b>

## B.Tech II Year II Semester

S. No.	SUBJECT NAME	CREDITS
1	Probability and statistics	3
2	Structural Analysis – I	4
3	Strength Of Materials – II	4
4	Concrete Technology	3
5	Hydraulics & Hydraulic Machinery	3
6	Building Materials, Construction & Planning	3
7	Survey Lab II	2
8	Strength of Materials Lab	2
9	Mandatory Course- II	nil
	<b>Total No. of Credits</b>	<b>24</b>

# ELECTRICAL AND ELECTRONICS ENGINEERING

## B.Tech II Year I Semester

S. No.	SUBJECT NAME	CREDITS
1	Mathematics-IV	3
2	Electronic Devices & Circuits	3
3	Network Theory	4
4	Electro Magnetic Fields	4
5	Electrical Machines –I	4
6	Environmental Science	2
7	Basic Simulation Tools Lab	2
8	Electrical Circuits Lab	2
9	Mandatory Course- I	nil
	<b>Total No. of Credits</b>	<b>24</b>

## B.Tech II Year II Semester

S. No.	SUBJECT NAME	CREDITS
1	Electronic Circuits	3
2	Switching theory & logic design	3
3	Fluid Mechanics and Hydraulic Machines	3
4	Electrical Machines-II	4
5	Power Systems-I	3
6	Control Systems	4
7	Electrical Machines Lab-I	2
8	Electronic Devices and Circuits lab	2
9	Mandatory Course- II	nil
	<b>Total No. of Credits</b>	<b>24</b>

# MECHANICAL ENGINEERING

## B.Tech II Year I Semester

S.No.	SUBJECT NAME	Credits
1	Numerical Methods	3
2	Electrical and Electronics Engg.	3
3	Mechanics of Solids	4
4	Thermodynamics	4
5	Metallurgy and Material science	3
6	Electrical and Electronics Engineering Lab	2
7	Metallurgy and Mechanics of solids Lab	2
8	Environmental science	2
9	Mandatory Course- I	nil
	<b>Total No. of Credits</b>	<b>24</b>

## B.Tech II Year II Semester

S.No.	SUBJECT NAME	Credits
1	Production Technology	3
2	Kinematics of Machinery	4
3	Thermal Engineering-I	3
4	Mechanics of Fluids and Hydraulic Machines	4
5	Machine Drawing	3
6	Probability and Statistics	3
7	Production Technology Lab	2
8	Mechanics of Fluids and Hydraulic Machines Lab	2
9	Mandatory Course- II	nil
	<b>Total No. of Credits</b>	<b>24</b>

# ELECTRONICS AND COMMUNICATION ENGINEERING

## B.Tech II Year I Semester

S.No.	SUBJECT NAME	CREDITS
1	Mathematics – IV	3
2	Electronic Devices and Circuits	3
3	Signals and Systems	4
4	Switching Theory and Logic Design	3
5	Electronic Measurements & Instruments	3
6	Probability Theory and Stochastic Processes	4
7	Electronic Devices and Circuits Lab	2
8	Basic Simulation Lab	2
9	Mandatory Course -I	nil
	<b>Total No. of Credits</b>	<b>24</b>

## B.Tech II Year II Semester

S.No.	SUBJECT NAME	CREDITS
1	Principles of Electrical Engineering	3
2	Electronic Circuit Analysis	4
3	Pulse and Digital Circuits	4
4	Electromagnetic Theory and Transmission Lines	4
5	Digital System Design	3
6	ECA Lab	2
7	PDC Lab	2
8	Environmental Science	2
9	Mandatory Course –II	nil
	<b>Total No. of Credits</b>	<b>24</b>

# COMPUTER SCIENCE & ENGINEERING / INFORMATION TECHNOLOGY

## B.Tech II Year I Semester

S.No.	SUBJECT NAME	CREDITS
1	Probability & Statistics	3
2	Mathematical Foundations of Computer Science	3
3	Data Structures	4
4	Digital Logic Design	3
5	Object Oriented Programming	4
6	Electronic Devices & Circuits	3
7	Data Structures Lab	2
8	Electronic Devices & Circuits and Digital Logic Design Lab	2
9	Mandatory Course- I	Nil
	<b>Total No. of Credits</b>	<b>24</b>

## B.Tech II Year II Semester

S.No.	SUBJECT NAME	CREDITS
1	Design and Analysis of Algorithms	4
2	Computer Organization	3
3	Database Management Systems	3
4	Software Engineering	3
5	Java Programming	3
6	Java Programming Lab	2
7	Database Management Systems lab	2
8	Environmental Science	2
9	Mandatory Course - II	Nil
	<b>Total No. of Credits</b>	<b>24</b>