



B.Tech Civil Engineering Course

Syllabus

SEMESTER – III				
S. No.	Course Name	L-T-P	Cr.	
1	Mathematics – III (Numerical Methods)	3-1-0	4	CE+ME
2	Fluid Mechanics	3-1-0	4	CE+ME
3	Engineering Mechanics	3-1-0	4	CE+ME
4	Building Materials & construction	3-0-0	3	CE
5	Engineering Economics & Management	3-0-0	3	CE
6	Computer Aided Civil Engineering Drawing	0-0-2	1	CE
7	Fluid Mechanics Lab	0-0-2	1	CE+ME
	TOTAL	15-3-4	20	

SEMESTER – IV

S. No.	Course Name	L-T-P	Cr.	
1	Soil Mechanics & Engineering Geology	3-1-0	4	CE
2	Disaster Preparedness & Planning	3-0-0	3	CE+ME
3	Strength of Materials	3-1-0	4	CE+ME
4	Surveying & Geomatics	3-1-0	4	CE
5	Environmental engineering	3-1-0	4	CE+ME
6	Soil Mechanics & Engineering Geology Lab	0-0-2	1	CE
7	Strength of Materials Lab	0-0-2	1	CE+ME
8	Surveying & Geomatics Lab	0-0-2	1	CE
9	Environmental Engineering Lab	0-0-2	1	CE
	TOTAL	15-4-8	23	

SEMESTER – V

S. No.	Course Name	L-T-P	Cr.
1	Concrete Technology	3-0-0	3
2	Geotechnical Engineering	3-1-0	4
3	Hydrology & Water Resource Engineering	3-1-0	4
4	Highway Engineering	3-1-0	4

5	Design of Concrete Structures	3-1-0	4
6	Concrete Technology Lab	0-0-2	1
7	Geotechnical Engineering Lab	0-0-2	1
8	Hydraulic Engineering Lab	0-0-2	1
9	Highway Engineering Lab	0-0-2	1
	TOTAL	15-4-8	23

<u>SEMESTER – VI</u>			
S. No.	Course Name	L-T-P	Cr.
1	Specification Estimation & Costing	3-1-0	4
2	Structural Analysis – I	3-1-0	4
3	Design of Steel Structures	3-1-0	4
4	Open Channel Flow	3-0-0	3
5	Construction Project Management	3-0-0	3
6	Building Drawing Lab	0-0-2	1
7	Structural Analysis – I Lab	0-0-2	1
8	Major Project – I	0-0-4	2
	TOTAL	15-3-8	22

SEMESTER – VII

S. No.	Course Name	L-T-P	Cr.
1	Metro System & Engineering	3-0-0	3
2	Structural Analysis – II	3-1-0	4
3	Railway Engineering	3-0-0	3
4	Waste Water Engineering	3-0-0	3
5	Irrigation Engineering	3-0-0	3
6	Open Elective	3-0-0	3
7	Major Project – II	0-0-8	4
	TOTAL	15-1-8	23

SEMESTER – VIII

S. No.	Course Name	L-T-P	Cr.
1	MOOC	3-0-0	3
2	Internship	0-0-32	16
	TOTAL	3-0-32	19