

ANNA UNIVERSITY TIRUCHIRAPPALLI

Tiruchirappalli – 620 024

Regulations 2007

Curriculum B.E Civil Engineering

SEMESTER III

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1	MA1201	Mathematics III	3	1	0	100
2	HS1201	Environmental Science and Engineering	3	0	0	100
3	CE1201	Applied Geology	3	0	0	100
4	CE1202	Strength of Materials I	3	1	0	100
5	CE1203	Building Technology	3	0	0	100
6	CE1204	Surveying I	3	0	0	100
Practical						
7	CE1205	Strength of Materials Laboratory	0	0	3	100
8	CE1206	Surveying Practical I	0	0	4	100

SEMESTER IV

S.No.	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1	MA1251	Numerical Methods	3	1	0	100
2	CE1251	Hydro Mechanics	3	1	0	100
3	CE1252	Soil Mechanics	3	0	0	100
4	CE1253	Concrete Technology	3	0	0	100
5	CE1254	Surveying II	3	0	0	100
6	CE1255	Strength of Materials II	3	1	0	100
Practical						
7	CE1256	Soil Mechanics Laboratory	0	0	3	100
8	CE1257	Surveying Practical II	0	0	4	100

SEMESTER V

S.No	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1	CE1301	Applied Hydraulics and Machinery	3	0	0	100
2	CE1302	Design of Reinforced Concrete Elements	4	0	0	100
3	CE1303	Structural Analysis I	4	0	0	100
4	CE1304	Transportation Engineering I	3	0	0	100
5	CE1305	Environmental Engineering	3	0	0	100
6	CE1306	Foundation Engineering	4	0	0	100
Practical						
7	CE1307	Environmental Engineering Laboratory	0	0	3	100
8	CE1308	Hydraulics and Machinery Laboratory	0	0	3	100
9	CE1309	Transportation Engineering Laboratory	0	0	3	100

SEMESTER VI

S.No	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1	CE1351	Design of Reinforced Concrete and Masonry Structures	3	1	0	100
2	CE1352	Structural Analysis II	3	1	0	100
3	CE1353	Irrigation Engineering	4	0	0	100
4	CE1354	Design of Steel Structures	3	1	0	100
5	CE1355	Construction Techniques and Equipments	4	0	0	100
6	CE1356	Railway Engineering	3	0	0	100
Practical						
7	CE1357	Design and Drawing of Irrigation Engineering and Environmental Engineering Structures	0	0	4	100
8	CE1358	Field Survey- Survey Camp	0	0	3	100
9	CE1359	Computer Aided Building Drawing	0	0	4	100

SEMESTER VII

S.No	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1		Total Quality Management	3	0	0	100
2		Estimation and Quantity Surveying	3	0	0	100
3		Prestressed Concrete Structures	3	0	0	100
4		Hydrology	4	0	0	100
5	E1****	Elective I	3	0	0	100
6	E2****	Elective II	3	0	0	100
Practical						
7		Computer Aided Design and Drawing	1	0	4	100
8		Concrete Laboratory	0	0	3	100
9	HS1301	Communication and Soft Skills	0	0	3	100

SEMESTER VIII

S.No	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1		Engineering Economics and Cost Analysis	3	0	0	100
2		Construction Project Management	3	0	0	100
3	E3****	Elective III	3	0	0	100
4	E4****	Elective IV	3	0	0	100
Practical						
5		Project Work	0	0	12	200

LIST OF ELECTIVES

ELECTIVE FOR SEMESTER VII

S.No	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1		Remote Sensing Techniques and Applications	3	0	0	100
2		Airports and Harbors	3	0	0	100
3		Electronic Surveying	3	0	0	100
4		Cartography	3	0	0	100
5		Bridge Structures	3	0	0	100
6		Storage Structures	3	0	0	100
7		Tall Buildings	3	0	0	100
8		Prefabricated Structures	3	0	0	100
9		Wind Engineering	3	0	0	100
10		Traffic Engineering and Management	3	0	0	100
11		Industrial Waste Management	3	0	0	100

ELECTIVE FOR SEMESTER VIII

S.No	Subject Code	Subject	L	T	P	Max. Marks
Theory						
1		Housing Planning and Management	3	0	0	100
2		Ground Water Engineering	3	0	0	100
3		Water Resources Engineering	3	0	0	100
4		Introduction to Soil Dynamics and Machine Foundation	3	0	0	100
5		Air Pollution Management	3	0	0	100
6		Computer Aided Design of Structures	3	0	0	100
7		Industrial Structures	3	0	0	100
8		Smart Structures and Smart Materials	3	0	0	100
9		Finite Elements Techniques	3	0	0	100
10		Repair and Rehabilitation of Structures	3	0	0	100
11		Structural Dynamics and Design of Seismic Structures	3	0	0	100