

**ANNA UNIVERSITY TIRUCHIRAPPALLI**  
**Tiruchirappalli – 620 024**

**Regulations 2008**

**Curriculum**

**B.E. CIVIL ENGINEERING**

**SEMESTER III**

S. No.	Subject Code	Subject	L	T	P	C
<b>Theory</b>						
1	MA1201	Transforms and Partial Differential Equations	3	1	0	4
2	HS1201	Environmental Science and Engineering	3	0	0	3
3	CE1201	Applied Geology	3	0	0	3
4	CE1202	Mechanics of Solids	3	1	0	4
5	CE1203	Mechanics of Fluids	3	1	0	4
6	CE1204	Construction Techniques, Equipments and Practice	4	0	0	4
7	CE1205	Surveying I	3	0	0	3
<b>Practical</b>						
8	CE1206	Surveying Practical I	0	0	4	2
9	CE1207	Computer Aided Building Drawing	0	0	4	2
<b>Total</b>						<b>29</b>

**SEMESTER IV**

S. No.	Subject Code	Subject	L	T	P	C
<b>Theory</b>						
1	MA1251	Numerical Methods	3	1	0	4
2	CE1251	Soil Mechanics	3	0	0	3
3	CE1252	Strength of Materials	3	1	0	4
4	CE1253	Applied Hydraulic Engineering	3	1	0	4
5	CE1254	Surveying II	3	0	0	3
6	CE1255	Highway Engineering	3	0	0	3
<b>Practical</b>						
7	CE1256	Strength of Material Laboratory	0	0	3	2
8	CE1257	Hydraulic Engineering Laboratory	0	0	3	2
9	CE1258	Surveying Practical II	0	0	4	2
<b>Total</b>						<b>27</b>

## SEMESTER V

S. No.	Subject Code	Subject	L	T	P	C
<b>Theory</b>						
1		Building Technology	3	0	0	3
2		Design of Reinforced Concrete Elements	4	0	0	4
3		Structural Analysis I	3	1	0	4
4		Fundamentals of Remote Sensing and GIS	3	0	0	3
5		Environmental Engineering	3	0	0	3
6		Foundation Engineering	3	0	0	3
<b>Practical</b>						
7		Environmental Engineering Laboratory	0	0	3	2
8		Soil Mechanics Laboratory	0	0	3	2
9		Field Survey - Survey Camp	0	0	3	2
<b>Total</b>						<b>26</b>

## SEMESTER VI

S. No.	Subject Code	Subject	L	T	P	C
<b>Theory</b>						
1		Design of Reinforced Concrete and Masonry Structures	4	0	0	4
2		Structural Analysis II	3	1	0	4
3		Irrigation Engineering	3	0	0	3
4		Design of Steel Structures	4	0	0	4
5		Concrete Technology	3	0	0	3
6		Railway Engineering	3	0	0	3
<b>Practical</b>						
7		Irrigation Engineering and Environmental Engineering Design and Drawing	0	0	3	3
8		Transportation Engineering Laboratory	0	0	3	2
9		Communication and Soft Skills	0	0	3	2
<b>Total</b>						<b>28</b>

## SEMESTER VII

S. No.	Subject Code	Subject	L	T	P	C
<b>Theory</b>						
1		Total Quality Management	3	0	0	3
2		Estimation and Quantity Surveying	3	1	0	4
3		Pre Stressed Concrete Structures	3	0	0	3
4		Hydrology	4	0	0	4
5		Elective I	3	0	0	3
6		Elective II	3	0	0	3
<b>Practical</b>						
7		Computer Aided Design and Drawing	1	0	3	3
8		Concrete Laboratory	0	0	3	2
<b>Total</b>						<b>25</b>

## SEMESTER VIII

S. No.	Subject Code	Subject	L	T	P	C
<b>Theory</b>						
1		Engineering Economics and Cost Analysis	3	0	0	3
2		Construction Project Management	3	0	0	3
3		Elective III	3	0	0	3
4		Elective IV	3	0	0	3
<b>Practical</b>						
5		Project Work	0	0	12	6
<b>Total</b>						<b>18</b>

## LIST OF ELECTIVES

### ELECTIVES FOR SEMESTER VII

S. No.	Subject Code	Subject	L	T	P	C
<b>Theory</b>						
1		Airports and Harbours	3	0	0	3
2		Electronic Surveying	3	0	0	3
3		Cartography	3	0	0	3
4		Bridge Structures	3	0	0	3
5		Storage Structures	3	0	0	3
6		Tall Buildings	3	0	0	3
7		Prefabricated Structures	3	0	0	3
8		Wind Engineering	3	0	0	3
9		Smart Structures and Smart Materials	3	0	0	3
10		Advanced Structural analysis	3	0	0	3

### ELECTIVES FOR SEMESTER VIII

S. No.	Subject Code	Subject	L	T	P	C
<b>Theory</b>						
1		Housing Planning and Management	3	0	0	3
2		Ground Water Engineering	3	0	0	3
3		Water Resources Engineering	3	0	0	3
4		Introduction to Soil Dynamics and Machine Foundation	3	0	0	3
5		Air Pollution Management	3	0	0	3
6		Computer Aided Design of Structures	3	0	0	3
7		Industrial Structures	3	0	0	3
8		Finite Elements Technique	3	0	0	3
9		Repair and Rehabilitation of Structures	3	0	0	3
10		Experimental Techniques and Instrumentation	3	0	0	3