

Scheme of  
UNDERGRADUATE DEGREE COURSE

Civil Engineering



Rajasthan Technical University, Kota  
Effective from session: 2018 – 2019



**Teaching & Examination Scheme  
B.Tech. : Civil Engineering  
2<sup>nd</sup> Year - IV Semester**

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	4CE2-01	Advance Engineering Mathematics -II	2	0	0	2	20	80	<b>100</b>	<b>2</b>
2	HSMC	4CE1-03/ 4CE1-02	Managerial Economics & Financial Accounting/ Technical Communication	2	0	0	2	20	80	<b>100</b>	<b>2</b>
3	ESC	4CE3-04	Basic Electronics for Civil Engineering Applications	2	0	0	2	20	80	<b>100</b>	<b>2</b>
4	PCC	4CE4-05	Strength of Materials	3	0	0	3	30	120	<b>150</b>	<b>3</b>
5		4CE4-06	Hydraulics Engineering	3	0	0	3	30	120	<b>150</b>	<b>3</b>
6		4CE4-07	Building Planning	2	0	0	2	20	80	<b>100</b>	<b>2</b>
7		4CE4-08	Concrete Technology	3	0	0	3	30	120	<b>150</b>	<b>3</b>
<b>Sub Total</b>				17	0	0		170	680	<b>850</b>	<b>17</b>
PRACTICAL & SESSIONAL											
8	PCC	4CE4-21	Material Testing Lab	0	0	2		30	20	<b>50</b>	<b>1</b>
9		4CE4-22	Hydraulics Engineering Lab	0	0	2		30	20	<b>50</b>	<b>1</b>
10		4CE4-23	Building Drawing	0	0	3		45	30	<b>75</b>	<b>1.5</b>
11		4CE4-24	Advanced Surveying Lab	0	0	2		30	20	<b>50</b>	<b>1</b>
12		4CE4-25	Concrete Lab	0	0	3		45	30	<b>75</b>	<b>1.5</b>
13	SODE CA	4CE8-60	Social Outreach, Discipline & Extra Curricular Activities	0	0	0		0	25	<b>25</b>	<b>0.5</b>
<b>Sub- Total</b>				0	0	12		180	145	<b>325</b>	<b>6.5</b>
<b>TOTAL OF IV SEMEESTER</b>				17	0	12		350	825	<b>1175</b>	<b>23.5</b>

**L:** Lecture, **T:** Tutorial, **P:** Practical, **Cr:** Credits

**ETE:** End Term Exam, **IA:** Internal Assessment