

Scheme of
UNDERGRADUATE DEGREE COURSE

Civil Engineering



Rajasthan Technical University, Kota
Effective from session: 2021 – 2022



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech. : Civil Engineering 2nd Year - III Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	3CE2-01	Advance Engineering Mathematics -I	3	0	0	3	30	70	100	3
2	HSMC	3CE1-02/ 3CE1-03	Technical Communication /Managerial Economics & Financial Accounting	2	0	0	2	30	70	100	2
3	ESC	3CE3-04	Engineering Mechanics	2	0	0	2	30	70	100	2
4	PCC	3CE4-05	Surveying	3	0	0	3	30	70	100	3
5		3CE4-06	Fluid Mechanics	2	0	0	2	30	70	100	2
6		3CE4-07	Building Materials and Construction	3	0	0	3	30	70	100	3
7		3CE4-08	Engineering Geology	2	0	0	2	30	70	100	2
			Sub Total	17	0	0					17
PRACTICAL & SESSIONAL											
8	PCC	3CE4-21	Surveying Lab	0	0	3		60	40	100	1.5
9		3CE4-22	Fluid Mechanics Lab	0	0	2		60	40	100	1
10		3CE4-23	Computer Aided Civil Engineering Drawing	0	0	3		60	40	100	1.5
11		3CE4-24	Civil Engineering Materials Lab	0	0	2		60	40	100	1
12		3CE4-25	Geology Lab	0	0	2		60	40	100	1
13	PSIT	3CE7-30	Industrial Training	0	0	1		60	40	100	1
14	SODE CA	3CE8-00	Social Outreach, Discipline & Extra Curricular Activities							100	0.5
			Sub- Total	0	0	13					7.5
			TOTAL OF III SEMESTER	17	0	13					24.5

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

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

Office of Dean Academic Affairs
Rajasthan Technical University, Kota

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RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech. : Civil Engineering 2nd 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	30	70	100	2
2	HSMC	4CE1-03/ 4CE1-02	Managerial Economics & Financial Accounting/ Technical Communication	2	0	0	2	30	70	100	2
3	ESC	4CE3-04	Basic Electronics for Civil Engineering Applications	2	0	0	2	30	70	100	2
4	PCC	4CE4-05	Strength of Materials	3	0	0	3	30	70	100	3
5		4CE4-06	Hydraulics Engineering	3	0	0	3	30	70	100	3
6		4CE4-07	Building Planning	2	0	0	2	30	70	100	2
7		4CE4-08	Concrete Technology	3	0	0	3	30	70	100	3
Sub Total				17	0	0					17
PRACTICAL & SESSIONAL											
8	PCC	4CE4-21	Material Testing Lab	0	0	2		60	40	100	1
9		4CE4-22	Hydraulics Engineering Lab	0	0	2		60	40	100	1
10		4CE4-23	Building Drawing	0	0	3		60	40	100	1.5
11		4CE4-24	Advanced Surveying Lab	0	0	2		60	40	100	1
12		4CE4-25	Concrete Lab	0	0	3		60	40	100	1.5
13	SODE CA	4CE8-60	Social Outreach, Discipline & Extra Curricular Activities	0	0	0		60	40	100	0.5
Sub- Total				0	0	12					6.5
TOTAL OF IV SEMEESTER				17	0	12					23.5

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