

Scheme of
UNDERGRADUATE DEGREE COURSE

B.Tech. V & VI Semester

Ceramic Engineering



Rajasthan Technical University, Kota
Effective from session: 2019 – 2020



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech.: Ceramic Engineering 3rd Year - V Semester

SN	Category	Course Code	Course Title	Hours			Marks				Cr
				L	T	P	Exm Hrs	IA	ETE	Total	
1	ESC	5CR3-01	Polymer Science & Engineering	2	0	0	2	20	80	100	2
2	PCC/PEC	5CR4-02	Properties of Ceramic Materials-I	2	0	0	2	20	80	100	2
3		5CR4-03	Material Science & Engineering	3	0	0	3	30	120	150	3
4		5CR4-04	Electro Ceramics	3	0	0	3	30	120	150	3
5		5CR4-05	Refractory-I	3	0	0	3	30	120	150	3
6		5CR4-06	Pottery & Heavy Clayware Ceramics	3	0	0	3	30	120	150	3
			Sub - Total	16	0	0		160	640	800	16
7	PCC/PEC	5CR4-21	Electro-Ceramic Lab	0	0	3	3	45	30	75	1.5
8		5CR4-22	Refractory Lab-I	0	0	3	3	45	30	75	1.5
9		5CR4-23	Pottery & Heavy Clayware Lab	0	0	2	2	30	20	50	1
10	PSIT	5CR7-30	Industrial Training	0	0	1		75	50	125	2.5
11	SODECA	5CR8-00	Social Outreach Discipline & Extra Curricular Activities						25	25	0.5
			Sub - Total	0	0	9		195	155	350	7
			TOTAL OF V SEMESTER	16	0	9		355	795	1150	23

L = Lecture, **T** = Tutorial, **P** = Practical, **IA**=Internal Assessment,

ETE=End Term Exam, **Cr**=Credits

Office of Dean Academic Affairs
Rajasthan Technical University, Kota



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech.: Ceramic Engineering 3rd Year - VI Semester

SN	Category	Course Code	Course Title	Hours			Marks			Cr	
				L	T	P	Exm Hrs	IA	ETE		Total
1	ESC	6CR3-01	Data Base Management System	2	0	0	2	20	80	100	2
2	PCC/ PEC	6CR4-02	Glass & Glass Ceramics	3	0	0	3	30	120	150	3
3		6CR4-03	Ceramic Coating- Enamel & Glazes	3	0	0	3	30	120	150	3
4		6CR4-04	Properties of Ceramic Materials-II	3	0	0	3	30	120	150	3
5		6CR4-05	Refractory-II	3	0	0	3	30	120	150	3
6		6CR4-06	Engineering Ceramic & Abrasives	3	0	0	3	30	120	150	3
			Sub - Total	17	0	0		170	680	850	17
7	PCC	6CR4-21	Glass & Glass Ceramic Lab	0	0	4	3	60	40	100	2
8		6CR4-22	Ceramic Properties Lab	0	0	4	3	60	40	100	2
9		6CR4-23	Ceramic Coating Lab	0	0	4	3	60	40	100	2
10	SODECA	6CR8-00	Social Outreach Discipline & Extra Curricular Activities						25	25	0.5
			Sub - Total	0	0	12		180	145	325	6.5
			TOTAL OF VI SEMESTER	17	0	12		350	825	1175	23.5

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