

Scheme of  
UNDERGRADUATE DEGREE COURSE

Ceramic Engineering



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



# RAJASTHAN TECHNICAL UNIVERSITY, KOTA

## Teaching & Examination Scheme B.Tech. : Ceramic Engineering 2<sup>nd</sup> Year - III Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	3CR2-01	Advanced Engineering Mathematics-I	3	0	0	3	30	120	150	3
2	HSMC	3CR1-02/ 3CR1-03	Technical Communication/ Managerial Economics & Financial Accounting	2	0	0	2	20	80	100	2
3	ESC	3CR3-04	Electronic Measurement & Instrumentation	2	0	0	2	20	80	100	2
4	PCC	3CR4-05	Introduction to Ceramics	2	0	0	2	20	80	100	2
5		3CR4-06	Ceramic Raw Materials and Characterization	2	0	0	2	20	80	100	2
6		3CR4-07	Thermodynamics and Phase Equilibria	2	0	0	2	20	80	100	2
7		3CR4-08	Particle and Fluid Mechanics	2	0	0	2	20	80	100	2
8		3CR4-09	Materials Science	2	0	0	2	20	80	100	2
<b>Sub Total</b>				17	0	0		170	680	850	17
PRACTICAL & SESSIONAL											
9	PCC	3CR4-21	Ceramic Raw Materials & Characterization Lab	0	0	3		45	30	75	1.5
10		3CR4-22	Mineralogy and Microscopy Lab	0	0	3		45	30	75	1.5
11		3CR4-23	Mechanical Operations Lab	0	0	2		30	20	50	1
12		3CR4-24	Fluid Mechanics Lab	0	0	2		30	20	50	1
13		3CR4-25	Ceramic Processing Lab	0	0	2		30	20	50	1
14	PSIT	3CR7-30	Industrial Training	0	0	1		0	0	50	1
15	SODE CA	3CR8-00	Social Outreach, Discipline & Extra Curricular Activities	0	0	0		0	0	25	0.5
<b>Sub- Total</b>				0	0	13		180	120	325	7.5
<b>TOTAL OF III SEMESTER</b>				17	0	13		350	800	1175	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