GOVT. COLLEGE OF ENGG. & CERAMIC TECHNOLOGY DEPARTMENT OF CERAMIC TECHNIOLOGY MASTER OF TECHNOLOGY IN CERAMIC TECHNOLOGY

FIRST SEMESTER								
THEORY								
SI	PAPER	PAPER NAME	L	Т	Ρ	CONTACT	CREDIT	
No	CODE					HRS./WEEK		
01	CTBS101	APPLIED MATHEMATICS	3	0	0	3	3	
02	CTPC101	STRUCTURE & PROPERTIES OF	3	0	0	3	3	
		CERAMIC MATERIALS						
03	CTPC102	PHASE TRANSFORMATIONS IN	3	0	0	3	3	
		CERAMIC SYSTEMS						
04	CTPC103	ADVANCE PROCESS	3	0	0	3	3	
		TECHNOLOGY OF CERAMICS						
05	CTPEC101	A. OXIDE CERAMICS	3	0	0	3	3	
	ELECTIVE I	B. NON OXIDE CERAMICS						
06	CTHU101	UNIVERSAL HUMAN VALUES	2	0	0	2	2	
PRACTICAL								
01	CTPCL101	MATERIAL CHARACTERIZATION	0	0	3	3	1.5	
		LAB						
02	CTPCL102	POWDER PROCESSING LAB	0	0	3	3	1.5	
03	CTASGN101	SEMINAR	0	0	0	0	1.0	
		TOTAL	17	0	6	23	21	

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	SECOND SEMESTER							
THEORY								
SI	PAPER	PAPER NAME	L	Т	Ρ	CONTACT	CREDIT	
No	CODE					HRS./WEEK		
01	CTPC204	SPECIAL GLASSES & GLASS	3	0	0	3	3	
		CERAMICS						
02	CTPC205	ADVANCED REFRACTORIES	3	0	0	3	3	
03	CTPC206	NANO CERAMICS	3	0	0	3	3	
04	CTPEC202	A. BIO MATERIALS	3	0	0	3	3	
		B. COMPOSITE MATERIALS						
	ELECTIVE II							
05	CTOEC201	A. BIG DATA ANALYTICS	3	0	0	3	3	
		B. MACHINE LEARNING						
	ELECTIVE III							
06	CTHU202	RESEARCH METHODOLOGY & IPR	2	0	0	2	2	
		PRACTICAL	•	•		1		
01	CTPCL203	FABRICATION & TESTING OF	0	0	3	3	1.5	
		CERAMIC PRODUCTS						
02	CTPCL204	DESIGN OF KILNS & FURNACES	0	0	3	3	1.5	
		TOTAL	17	0	6	23	20	

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	THIRD SEMESTER										
SI No	PAPER CODE	PAPER NAME	L	Т	Р	CONTACT HRS./WEEK	CREDIT				
	PRACTICAL										
01	CTPRJ301	DISSERTATION PART I	0	0	28	28	14				
		TOTAL	0	0	28	28	14				

FOURTH SEMESTER									
SI	PAPER	PAPER NAME	L	Т	Р	CONTACT	CREDIT		
No	CODE					HRS./WEEK			
PRACTICAL									
01	CTPRJ402	DISSERTATION PART II	0	0	28	28	14		
02	CTCV401	COMPREHENSIVE	0	0	0	0	1		
		VIVAVOCE							
		TOTAL	0	0	0	28	15		

TOTAL CREDITS = 21+20+14+15 = 70