MINOR SPECIALIZATIONS OFFERED BY CHE (20 credits each)

MINOR SPECIALIZATION-I (CEMENT TECHNOLOGY)

FOURTH SEMESTER

Sr.	Course Code	Course Title	Co	ntac	et F	Iours	Credits
No.			L	T	P	Total	
1.	CL317	Introduction to Cement	3	0	0	3	3

FIFTH SEMESTER

Sr.	Course Code	Course Title	Co	nta	ct F	Iours	Credits
No.			L	T	P	Total	
1.	CL318	Mining, Raw Materials and Raw	3	0	0	3	3
		Mix Design					

SIXTH SEMESTER

Sr.	Course Code	Course Title	Co	nta	ct E	Iours	Credits
No.			L	T	P	Total	
1.	CL319	Size Reduction and Material	3	0	0	3	3
		Handling in Cement Industries					
2.	CL401	Fuel Testing Lab	0	0	2	2	1

SEVENTH SEMESTER

Sr.	Course Code	Course Title	Co	nta	Credits		
No.			L	T	P	Total	
1.	CL320	Pyro-processing and Clinker	3	1	0	4	4
		Formation					
2	CL402	Chemical Testing of Cement Lab	0	0	2	2	1

EIGHTH SEMESTER

Sr.	Course Code	Course Title	Co	nta	ct Ho	ırs	Credits
No.			L	T	P To	otal	
1.	CL321	Quality Control in Cement	3	1	0	4	4
2	CL403	Physical Testing of Cement Lab	0	0	2	2	1

MINOR SPECIALIZATION-II (INDUSTRIAL POLLUTION ABATEMENT)

FOURTH SEMESTER

Sr.	Course Code	Course Title	Conta	ct Hour	rs Credits
No.			L T	P Tot	tal
1.	CL322	Environmental Chemistry	3 1	0 4	4

FIFTH SEMESTER

Sr.	Course Code	Course Title	Co	Contact Hours			Credits
No.			L	T	P	Total	
1.	CL323	Air Pollution Control & Monitoring	3	1	-	4	4
2.	CL404	Air Pollution Control & Monitoring	-	-	2	2	1
		Lab					

SIXTH SEMESTER

Sr.	Course Code	Course Title	Co	nta	Credits		
No.			L	T	P	Total	
1.	CL324	Waste Water Treatment Processes	3	1	-	4	4
2.	CL405	Waste Water Treatment Processes	-	-	2	2	1
		Lab					

SEVENTH SEMESTER

Sr.	Course Code	Course Title	Contact Hours				Credits
No.			L	T	P	Total	
1.	CL325	Treatment and Management of	3	-	-	3	3
		Hazardous Waste					

EIGHTH SEMESTER

Sr.	Course Code	Course Title	Conta	ct Ho	urs	Credits
No.			L T	P T	otal	
1.	CL326	Environmental Impact Assessment	3 -	-	3	3