



MAULANAAZAD

NATIONALINSTITUTEOFTECHNOLOGY,BHOPAL-462003

PROPOSEDSCHEMEM.Tech Environmental CE ENineering
(w.e.f.July2024)

FirstSemester:

CourseNo.	Subject	Schemes of studiesperiodsp erweek			TotaCredits
		L	T	P	
CE EN 1101	Physico-Chemical Treatment Processes	3	-	-	3
CE EN 1102	Air and Noise Pollution	3	-	-	3
CE EN 1103	Biological Treatment Processes	3	-	-	3
	DepartmentElective -1	3	-	-	3
	DepartmentElective -2	3	-	-	3
CE EN 1104	Water Quality Lab	-	-	2	1
CE EN 1105	Wastewater Lab	-	-	2	1
CE EN 1106	Seminar-I	-	-	2	1
CE EN 1107	MinorProject-1(Self Learning)				2
	Communication Skill (Audit course)				
TotalHours:21		TotalSemesterCredits			20
TotalCredits:20					

SecondSemester:

CoursCE ENo.	Subject	Schemesofstudiesperiodsper week			Total Credits
		L	T	P	
CE EN 1201	Fnvironmental Impact Assessment & Legislation	3	-	-	3
CE EN 1202	Solid Waste Management	3	-	-	3
	DepartmentElective -3	3	-	-	3
	DepartmentElective -4	3	-	-	3
	OpenElective	3	-	-	3
CE EN 1203	Environmental Pollution& Waste Management Lab	-	-	2	1
CE EN 1204	Computational Lab	-	-	2	1
CE EN 1205	Seminar-II (on Field Visit)	-	-	2	1
CE EN 1206	MinorProject-2(Self Learning through Field Visit)			-	2
TotalHours: 21		Total Semester Credits			20
TotalCredits:40					

ThirdSemester:

CourseNo.	Subject	Schemesofstudiesperiodsper week			TotalCredits
		L	T	P	
CE EN 2101	DissertationPhase-I	-	-	40	20
TotalHours: 40 TotalCredits:60		TotalSemesterCredits			20

FourthSemester:

CourseNo.	Subject	Schemesofstudiesperiodsper week			TotalCredits
		L	T	P	
CE EN 2201	DissertationPhase-II	-	-	40	20
TotalHours: 40 TotalCredits:80		TotalSemesterCredits			20

LIST OF DEPARTMENTAL ELECTIVES

CE EN 1151 / CE EN 1251 Environmental Chemistry

CE EN 1152 / CE EN 1252 Environmental Quality Monitoring

CE EN 1153 / CE EN 1253 Environmental Modeling

CE EN 1154 / CE EN 1254 Environmental Legislation

CE EN 1155 / CE EN 1255 Global Warming and Climate Change

CE EN 1156 / CE EN 1256 Sustainable Development, Ethics and Global Environmental Issues

CE EN 1157 / CE EN 1257 Advanced Treatment Methods

CE EN 1158 / CE EN 1258 Industrial Waste Management

CE EN 1159 / CE EN 1259 Hazardous Waste Management & Risk Analysis

CE EN 1174 / CE EN 1274 Computational Methods in Civil Engineering

CE EN 1175 / CE EN 1275 Research Methodology

Open electives will be effective as per institute norms decided by Dean Academic