

CENTRE OF EXCELLENCE IN DISASTER MITIGATION & MANAGEMENT

M.Tech. (Disaster Mitigation & Management)

[illegible]

Program Elective Courses (Disaster Mitigation & Management)

Teaching Scheme					Contact Hours/Week			Exam Duration		Relative Weight (%)				
S. No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical	CWS	PRS	MTE	ETE	PRE
1.	DMN-504	Hydrological Data Collection, Processing and Analysis	PEC	4	3	2	-	3	-	25	-	25	50	-
2.	DMN-505	Landslide Hazard Assessment and Mitigation	PEC	4	3	1	-	3	-	25	-	25	50	-
3.	DMN-506	Cyclone and Wind Engineering	PEC	4	3	1	-	3	-	25	-	25	50	-
4.	DMN-507	Disaster Preparedness and Mitigation	PEC	4	3	1	-	3	-	25	-	25	50	-
5.	DMN-602	Climate Change and Sustainable Development	PEC	4	3	1	-	3	-	25	-	25	50	-
6.	DMN-603	Disaster Induced Risks	PEC	4	3	1	-	3	-	25	-	25	50	-
7.	DMN-604	Instrumentation and Data Mining Techniques	PEC	4	3	2	-	3	-	25	-	25	50	-
8.	DMN-605	Flood Estimation, Forecasting and Control	PEC	4	3	1	-	3	-	25	-	25	50	-
9.	DMN-606	Application of Geospatial Data for Disaster Mitigation	PEC	4	3	1	-	3	-	25	-	25	50	-
10.	DMN-607	Vulnerability and Risk Analysis	PEC	4	3	1	-	3	-	25	-	25	50	-
11.	DMN-608	Man-made and Biological Disasters-Detection and Mitigation	PEC	4	3	0	2	3	-	25	-	25	50	-
12.	DMN-609	Socio Economic Aspects of Disaster Management	PEC	4	3	1	-	3	-	25	-	25	50	-
13.	DMN-508	Climate Change : Impact	PEC	4	3	1	-	3	-	25	-	25	50	-
14.	DMN-610	Industrial Disasters and Safety	PEC	4	3	1	-	3	-	25	-	25	50	-
15.	DMN-611	Nuclear Physics for Disaster Mitigation	PEC	4	3	1	-	3	-	25	-	25	50	-