

CENTRE OF EXCELLENCE IN DISASTER MITIGATION & MANAGEMENT

M.Tech. (Disaster Mitigation & Management) 68.18 dated 02-03-2017

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
1st YEAR					Semester- I (Autumn)									
1.	DMN-501	Geodata Processing Techniques and Models	PCC	4	3	-	3	3	-	15	25	20	40	-
2.	DMN-502	Natural Hazards and Impact Assessment	PCC	4	3	1	-	3	-	25	-	25	50	-
3.	DMN-503	Managerial and Legal Aspects of Disasters	PCC	4	3	1	-	3	-	25	-	25	50	-
4.		Program Elective Course-I	PEC	4	3	1	-	3	-	25	-	25	50	-
5.		Program Elective Course-II	PEC	4	3	1	-	3	-	25	-	25	50	-
		Total		20	9	2	3							
					Semester-II (Spring)									
1.	DMN-601	Hazard Monitoring, Prediction and Microzonation	PCC	4	3	1	2/2	3	-	20	20	20	40	-
2.	DMN-700	Seminar	SEM	2	-	-	-	-	-	-	-	-	100	-
3.		Program Elective III	PEC	4	-	-	-	-	-	-	-	-	-	-
4.		Program Elective IV	PEC	4	-	-	-	-	-	-	-	-	-	-
5.		Program Elective V	PEC	4	-	-	-	-	-	-	-	-	-	-
		Total		18	4	3	1							
2nd YEAR					Semester- I (Autumn)									
1.	DMN-701A	Dissertation Stage-I (to be continued next semester)	DIS	12	-	-	-	-	-	-	-	-	100	-
		Total		12										
					Semester-II (Spring)									
1.	DMN-701B	Dissertation Stage-II (contd. From III semester)	DIS	18	-	-	-	-	-	-	-	-	100	-
		Total		18										
		Total Credits		68										

Note: Students can take 1 or 2 audit courses as advised by the supervisor, if required.

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 <i>68.18 dated 02.03.2017</i>	PEC	4	3	1	-	3	-	25	-	25	50	-
15.	DMN-611	Nuclear Physics for Disaster Mitigation <i>No.Acd./5395/UG-15 dated 12.07.2017</i>	PEC	4	3	1	-	3	-	25	-	25	50	-