

## COURSE STRUCTURE

### M. Sc. in Disaster Management and Climate Sustainability Studies

#### Semester - I

Paper No	Code	Title	Credit
Paper - I	DMM-101	Foundation Course on Disaster Management and Climate Sustainability	4
Paper - II	DMM-102	Deep Earth and Surface Processes, Earth Materials and Resources	4
Paper - III	DMM-103	Applied Geomorphology	4
Paper - IV	DMM-104	Geophysical and Meteorological Methods in Disaster and Climate Studies	4
Paper - V	DMM-105	Geoinformatics in Disaster and Climate Studies	4
Practical - I	DMM-106	Geological Materials and Interpretation of Geological Maps	1
Practical - II	DMM-107	Application of Geoinformatics Tools	1
Practical - III	DMM-108	Field Work	3
<b>TOTAL CREDITS</b>			<b>25</b>

#### Semester - II

Paper No	Code	Title	Credit
Paper - VI	DMM-201	Energy and Climate Change	4
Paper - VII	DMM-202	Economics of Climate Change	4
Paper - VIII	DMM-203	Climate Change and Global Sustainability	4
Paper - IX	DMM-204	Global Climate Modelling	4
Paper - X	DMM-205	Predictive Modelling	4
Practical - IV	DMM-206	Mapping and Analysis of Climatic Data	1
Practical - IV	DMM-207	Geospatial Modelling in Climate Studies	1
Practical - V	DMM-208	Field Work	3
<b>TOTAL CREDITS</b>			<b>25</b>

### Semester - III

<b>Paper No</b>	<b>Code</b>	<b>Title</b>	<b>Credit</b>
Paper - XI	DMM-301	Disaster management: Laws and Policies	4
Paper - XII	DMM-302	Vulnerability and Risk Assessment	4
Paper - XIII	DMM-303	Rescue, Relief and Rehabilitation	4
Paper - XIV	DMM-304	Post Disaster Response	4
Paper - XV	DMM-305	Disaster Finance	4
Practical - V	DMM-306	Geoinformatics for Disaster Management	1
Practical - VI	DMM-307	Field Work	3
<b>TOTAL CREDITS</b>			<b>24</b>

### Semester - IV

<b>Paper No</b>	<b>Code</b>	<b>Title</b>	<b>Credit</b>
Practical - VII	DMM-401	Internship (Dissertation)	16
<b>TOTAL CREDITS</b>			<b>16</b>

**TOTAL CREDITS for 4 Semesters: 90**