



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Open Electives Syllabus

B. Tech.: IV Year- VII & VIII Semester

8TT6-60.2 : DISASTER MANAGEMENT

Credit: 3

Max. Marks: 150(IA:30, ETE:120)

3L+0T+0P

End Term Exam: 3 Hours

| SN | Contents | Hours |
|----|--|-----------|
| 1 | Introduction: Objective, scope and outcome of the course. | 1 |
| 2 | Understanding <u>Disasters and Hazards</u> and related issues social and environmental. <u>Risk and Vulnerability</u> . <u>Types of Disasters, their occurrence/ causes, impact and preventive measures:</u> <i>(Read popular case Studies) / Recent Events</i> | 12 |
| 3 | Natural. Disasters- Hydro-meteorological Based Disasters like <u>Flood</u> , <u>Flash Flood</u> , <u>Cloud Burst</u> , <u>Drought</u> , <u>Cyclone</u> , <u>Forest Fires</u> ; Geological Based Disasters like <u>Earthquake</u> , <u>Tsunami</u> , <u>Landslides</u> , Volcanic Eruptions. <i>* v. Imp</i> | 12 |
| 4 | Man made Disasters: Textile Processing <u>Industrial Hazards</u> , Major Power Break Downs, Traffic Accidents, Fire Hazards. | 12 |
| 5 | <u>Management roll in mitigating Disaster</u> in Indian Textile Industries. Roll of production people in Disaster Management. | 3 |
| | <i>→ Organizations who are working for disaster management.</i> Total | 40 |

Word specific Questions - Disaster, Hazards, Risk