



**Centre for Disaster Management
Administrative Training Institute**

Lalith Mahal Road, Mysore – 570 011

**Training on
EARTHQUAKE RISK MITIGATION
AND MANAGEMENT**

Venue

Course Coordinator

Course Assistant

Objectives:

At the end of the course, participants will be able to;

- ✓ Define and analyze hazard, risk and vulnerability due to earthquake & flood
- ✓ Share experiences of earthquake and flood management
- ✓ Describe the simple techniques to build earthquake & flood resistant housing
- ✓ Prepare HRV analysis for earthquakes & floods
- ✓ Describe steps for preparing plans for managing earthquakes & floods

Sessions:

I	09:30 am to 10:30 am	
II	10:30 am to 11:30 am	11:30 am to 11:45 am Tea Break
III	11:45 am to 12:45 pm	
IV	12:45 pm to 01:45 pm	01:45 pm to 02:30 pm Lunch Break
V	02:30 pm to 03:30 pm	03:30 pm to 03:45 pm Tea Break
VI	03:45 pm to 04:45 pm	

Sessions will continue until the activities of the day are completed.

Programme Schedule

Day/Sessions	Topic	Resource person
DAY-1 09.30 AM -10.30 AM	Registration Eliciting Expectations and Course Objectives	
10.30 AM -11.30 AM	Inaugural Session: Role & Responsibilities in Disaster Management	
11.45 AM - 01.45 PM	Film Nature's Fury followed by discussion DM Concepts, Multi-hazard Profile of Karnataka State - an over view	
02.30 PM – 04.45 PM	Earthquake Causes, Monitoring System in Karnataka State & EQ case discussion	
DAY-2 09.30 AM - 11.30 AM	Damage Assessment of Earth quakes & Floods in Karnataka – Case discussion	
11.45 AM - 01.45 PM	Earthquake Causes, Consequences, Mitigation & Safe construction Practices	
02.30 PM - 04.45 PM	Disaster Management Act 2005 and Case Discussion	
DAY-3 09.30 AM - 11.30 AM	Safe Building code and NBC 2005 – Important provisions and Bye laws planning for safety and retrofitting of houses	
11.45 AM - 01.45 PM	Guidelines for HRVC Analysis for Field visit	
02.30 PM – 04.45 PM	Fire Safety Measures for earthquakes, Demonstration & Mock drill, Film on Fire Management followed by discussion	
DAY-4 09.30 AM - 11.30 AM	Role of RS & GIS in Earthquake & Flood Mitigation	
11.45 AM - 01.45 PM	Earthquake Prediction and Management – Case Discussion	
02.30 PM – 04.45 PM	Field visit & exercise on HRVC analysis of areas/buildings vulnerable to Floods & Earthquakes in Mysore	

<p style="text-align: center;">DAY-5</p> <p>09.30 AM - 11.30 AM</p>	<p>Outbreak of Epidemics during Earthquake & Floods & Its Control measures, Case Discussion of Bangalore BBMP preparedness</p>	
<p>11.45 AM – 12.45 PM</p>	<p>Automation of District Disaster Management Plan, TAMED using GPS, GIS Technology</p>	
<p>12.45 PM – 03.30 PM</p>	<p>Field study presentation on HRV analysis by participants</p>	
<p>03.45 PM - 04.45 PM</p>	<p>Individual action plan & Internal Validation</p>	

Course Coordinator