

Three-Day Workshop on Disaster Risk Management

Venue: Auditorium, GIDM
Duration: 5th to 7th March' 2025

Day 1: Fundamentals of Disaster Risk Management Wednesday, 5th March 2025

10:00 – 10:30 AM – Refreshment & Networking

10:30 – 11:00 AM – Registration & Introduction

Overview of the workshop, agenda briefing, and expectations from participants.

11:00 – 12:00 PM – Session 1: Basics of Disaster Management

Speaker: Dr. Chintan Pathak, GIDM

Overview of disaster types, disaster risk reduction framework, international conventions, and India's disaster management structure.

Expected Outcomes:

- Participants understand key disaster management terminologies and concepts.
- Awareness of national and global disaster risk reduction (DRR) frameworks.

12:00 – 2:00 PM – Session 2: Fire Extinguishing – Equipment and Techniques

Speaker: Shri S.M. Shaikh, Gujarat State Fire Academy (GSFA)

Demonstration of fire extinguishing methods, fire classifications, and hands-on practice.

Expected Outcomes:

- Participants acquire basic firefighting skills.
- Understanding of fire safety protocols in various settings.

2:00 – 3:00 PM – Lunch Break

Day 2: Disaster Management Strategies & Climate Resilience Thursday, 6th March 2025

10:30 – 11:00 AM – Session 3: Recent Measures in Disaster Management in India

Discussion on recent policy changes, technological advancements, and key initiatives by the government.

Speaker: Mr. Piyush Ramteke, GIDM

Expected Outcomes:

- Awareness of India's latest disaster management policies.
- Understanding of institutional mechanisms and key stakeholders.

11:00 – 12:00 PM – Session 4: Career Prospects in Disaster Management

Exploration of career opportunities in government agencies, NGOs, academia, and the private sector.

Speaker: Mr. Piyush Ramteke, GIDM

Expected Outcomes:

- Understanding of various career paths in the field of disaster management.
- Guidance on required skills and certifications.

12:00 – 1:00 PM – Session 5: Climate Change Resilience and Disaster

Interconnection between climate change and disaster risk, adaptation strategies, and mitigation policies.

Speaker: Mr. Piyush Ramteke, GIDM

Expected Outcomes:

- Understanding the role of climate change in disaster risk.
- Knowledge of adaptation strategies for resilience-building.

1:00 – 2:00 PM – Session 6: Preparation of Disaster Mitigation Plan – Case Study of L.D. College of Engineering

Speaker: Mr. Piyush Ramteke, GIDM

Hands-on exercise on preparing a disaster mitigation plan using a real-life institutional case study.

Expected Outcomes:

- Ability to draft a basic disaster mitigation plan for institutions.
- Understanding risk assessment and preparedness planning.

2:00 – 3:00 PM – Lunch Break

Day 3: Technology & Innovation in Disaster Risk Management

Friday, 7th March 2025

10:30 – 11:00 AM – Session 7: Application of GIS & GPS in Disaster Mapping

Introduction to Geographic Information Systems (GIS) and Global Positioning System (GPS) in disaster risk assessment and response.

Speaker: Prof. (Dr.) Subhajit Bandopadhyay, Rashtriya Raksha University (RRU)

Expected Outcomes:

- Understanding of geospatial tools in disaster management.
- Practical knowledge of real-time mapping and risk assessment.

11:00 – 1:00 PM – Session 8: Application of Geo-Informatics in Disaster Mapping Using Open-Source Software

Speaker: Prof. (Dr.) Subhajit Bandopadhyay, Rashtriya Raksha University (RRU)

Hands-on training on open-source geospatial tools for disaster risk mapping.

Expected Outcomes:

- Hands-on experience with open-source software for geospatial analysis.

- Ability to apply GIS in real-world disaster scenarios.

1:00 – 2:00 PM – Feedback & Conclusion

Summary of key learnings, participant reflections, and closing remarks.

Expected Outcomes:

- Reflection on acquired knowledge and skills.
- Networking and future collaboration opportunities.

2:00 – 3:00 PM – Lunch Break