

All participants will be required to be present during the entire training programme. The deliberations during the training programme will be done primarily in English language.

#### ABOUT NIDM

National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India is a premium institute and a Statutory Body (under Disaster Management Act 2005) for training, research, documentation, awareness and human resources and capacity development in the field of disaster mitigation and management. The institute lays emphasis on multi-stakeholder interdisciplinary cross-sectoral approach for an efficient proactive continuum disaster risk management based on participatory integrated multi-risk management concept. It aims towards a disaster free and resilient India.

#### About DTU

Delhi Technological University erstwhile Delhi College of Engineering came into existence in the year 1941 to cater for the needs of Indian industries for trained technical manpower with practical experience and sound theoretical knowledge. For the past 82 years, the institute has maintained the tradition of excellence in Engineering and Technology Education, Research and Innovations.

The Department of Civil Engineering, DTU offers B.Tech programme in Civil Engineering at the undergraduate level and offers M. Tech. degree programmes at the postgraduate level. The M. Tech. Programmes for about the last 40 years have contributed significantly to manpower development in highly relevant areas of national importance. The department also provides an opportunity to working engineers for upgrading their qualifications under Continuing Education Programme

#### REGISTRATION

The delegates / participants of the programme will assemble in the Department of Civil Engineering, DTU, Delhi at 09:30 AM on Monday, 11<sup>th</sup> Dec 2023 and will register themselves. NIDM & DTU officials will assist them in Registration.

Also Participants need to register themselves on NIDM training portal for the programme at: <https://training.nidm.gov.in/>.

#### ORGANIZING TEAM

##### Chief-Patrons

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Faculty Development Programme  
on

**“Disaster Preparedness and Risk  
Reduction”**

**11<sup>th</sup> -15<sup>th</sup> Dec 2023**

(Monday- Friday)



Organized by

**Geo-Meteorological Risks Management Division,  
National Institute of Disaster Management  
Ministry of Home Affairs, Govt. of India  
Plot no. 15, Pocket-3, Block-B, Sector-29,  
Rohini, Delhi - 110042**

in collaboration with

**Department of Civil Engineering,  
Delhi Technological University, Delhi**

## INTRODUCTION:

The unique geo-climatic and socio-economic attributes of the India has marked it as one of the highly vulnerable country to different hazards in the world map. The National Disaster Management Plan 2019 has highlighted both natural and human induced hazards. Earthquakes, landslides, floods, droughts and cyclones are some of the major geo-meteorological hazards that affect the nation. On the other hand, NDMP-2019 made a note of increased risk from many kinds of human-induced hazards arising from accidents (industrial, road, air, rail, on river or sea, building collapse, fires, mine disasters, oil spills, etc.) and Chemical, Biological, Radiological, and Nuclear (CBRN) hazards.

The Indian subcontinent is among the world's most disaster-prone areas. Of the 28 states and 8 union territories, 22 are disaster-prone. It is vulnerable to wind storms spawned in the Bay of Bengal and the Arabian Sea, earthquakes caused by active crustal movement in the Himalayan mountains, floods brought by monsoons, and droughts in the country's arid and semi-arid areas including the epidemics like COVID. They are extraordinary times that call for holding such a programme that provides momentum to the process of knowledge gathering, sharing of information and training. It also sensitizes the participants/delegates about the due importance of Disaster Risk Reduction (DRR).

In pursuance to mandate envisaged under Disaster Management Act 2005, NIDM proposes a collaborative five days Faculty Development Programme on DISASTER PREPAREDNESS AND RISK REDUCTION for the faculty members of technical institutions/university/colleges to disseminate information concerning disasters and also create a vast and multidisciplinary understanding of the issues pertaining to managing such disasters among the participants.

Sharing and exchanging knowledge/information on Disaster Risk Reduction and Resilience including some important national initiatives and international agreements / frameworks on DRR including Disaster Management Act, National Disaster Management Plan, National Disaster Management Policy, Standard Operational Procedures on Disaster Management and various Guidelines on different types of disasters and related functions, SFDRR, Climate change (COP21), sustainable development (SDGs) in disaster management. The training programme will focus on sensitizing on disaster risk management by highlighting the strategies to build back better for exiting development and build to last for upcoming

development activities by the respective department/institute.

The programme involves senior level resource persons, experts, professionals and functionaries who have very long and meaningful experiences with vast knowledge on the subject. During the programme, there will be presentations, panel discussions and group exercises and with case studies, sharing of ideas and expertise / skills related to disaster risk reduction and resilience with scope, advantages and limitations as well as issues, challenges and opportunities in managing disaster events including the ethical perspectives. Government of India has established a well-structured disaster management system defining roles, responsibilities and procedures for different stakeholders as well as allocation of adequate funds through different mechanisms for undertaking activities on DRR&R. It has also laid down guidelines, procedures and protocols for Disaster Management functionaries. The programme will provide information about such documents and key important points to be considered in disaster risk reduction and resilience.

It is expected that the programme would serve as a milestone for further actions in enhancing our capacities to reduce disasters and their impacts as part of the national goal to make the country disaster resilient through proactive prior planning on disaster risk reduction and resilience at proper place and time.

## PROGRAMME DETAILS

The programme details including the tentative schedule of the training and the likely resource persons will be provided separately before the programme.

## CERTIFICATE

All the eligible participants with 60% attendance will get the certificate of participation.

## EVALUATION OF THE PROGRAMME

The training programme shall have a dedicated session for feedback and valediction. The participants will be provided with valuation pro- forma, which may be completed and handed over to the programme staff.

## OBJECTIVES

At the end of training workshop, the delegates/participants will be able

1. To develop better understanding about Disaster Risk Reduction and Resilience (DRR&R) strategies.
2. To learn about the relevant Acts, Policies, Plans, Guidelines and SOPs on Disaster Management in the country.
3. Foresee associated threats and secondary effects due to natural and human induced hazard.
4. Provide a framework to the participants to pursue future research in this domain.
5. To encourage faculty members to develop responsive curricula, teaching materials, and pedagogical approaches that address

the various dimensions of disasters management for oriented education and research in disaster risk reduction and related field.

6. To encourage faculty members to undertake research that contributes to the understanding of gender dynamics and informs gender-responsive policies and practices.
7. To foster networking and collaboration among faculty members, researchers, practitioners, and policymakers working in the field of disaster risk reduction.

## BASIC COURSE LEARNING UNITS

Contents of the course would touch upon following aspects, to achieve the objectives:

- Basic understanding of hazards
- Basic Concept of DM Act 2005 and other guidelines/plans/policies regarding DRR
- Linkages among development, climate change, urbanization and disaster management
- Tools & techniques of HVCR in mining
- Group Exercise on Hazard, Vulnerability, Capacity and Risk Assessment (HVCR)
- DM Plan formulation

## SUGGESTED READINGS

- Disaster Management Act 2005
- NDM Policy 2009
- National Disaster Management Plan 2019
- SOP for Responding to Disasters (<http://ndmindia.nic.in/>)
- Environment Protection Act 1986
- National Education Policy 2020

## TARGET GROUP

The target group for this programme would be faculty members from technical institutions/universities from any stream teaching the students of UG/PG.

## BOARDING, LODGING AND VENUE OF THE PROGRAMME

No Boarding 7 Lodging facility is available at DTU.

The programme will be held at the Department of Civil Engineering, DTU, Delhi. It will commence at 10:00 AM on Monday, 11th Dec 2023 and will conclude on 5:00 PM on Friday, 15th June 2023. The duration of the training programme will be 5 days.