

ABOUT DTU

With a history stretching back over 69 years, providing an academic milieu amid adequate space for ingenious research as an integral part of curriculum design, Delhi Technological University is strongly identified with engineering education in India. The University has been a forerunner, and led the way in reform movement maintaining a compatibility with values and professional morality. DTU takes pride in being one of the major contributors in planning and construction of India's infrastructure. In DTU we endorse and cultivate the purity of mind as the strongest currency, with an impressive resolve to renovate and upgrade our knowledge infrastructure. DTU aspires to be ranked amongst the leading universities globally. Consequently, DTU's mission is to edify individuals to be competitive not only in India, but all over the world.

ABOUT NIDM

National Institute of Disaster Management (NIDM), Ministry of Home Affairs, and Government of India is a premier 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 in India and in the region. The institute lays emphasis on multi-stakeholder interdisciplinary cross-sectoral approach for an effective and efficient proactive continuum disaster risk management based on participatory integrated multi-hazard-risk management concept.

Chief Patrons

Prof. J.P. Saini
Hon'ble Vice Chancellor, DTU, Delhi

Shri Taj Hassan, IPS
Executive Director, NIDM
(Ministry of Home Affairs, Govt. of India)

Patron

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National Institute of Disaster Management

Organizing Secretary

Dr. Pradeep K. Goyal
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Dept. of Civil Engg, DTU

Coordinator
Dr Sweta Baidya
Consultant, ECDRM, NIDM

IMPORTANT DATE:

Last date of Registration: 2nd April 2022

FOR ANY QUERIES CONTACT

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Conference cum Training Programme on

" Disaster Risks, Climate Change and Resilient Development"

(5th April – 7th April, 2022)



Organized jointly by

Department of Civil Engineering
**Delhi Technological
University**

Bawana Road, Shahbad, Daulatpur,
New Delhi—110042

&

**National Institute of Disaster
Management**

Ministry of Home Affairs, Govt. of India
New Delhi – 110 001

Introduction

Over the years, occurrence of various disasters has caused extensive damage to life and property and have adversely impacted economic development. The rapid growth of the human population and its increased concentration often in hazardous environment has escalated both the frequency and severity of disasters. Coupling with the climate change, the frequency and the magnitude of disasters have manifested to the different level.

India being one of the most hazard prone zone is susceptible to natural hazards. The community can protect itself from natural disasters by proper planning and management. There is an urgent need for continuous innovative and creative approaches based on latest scientific and technical know how to handle Disaster issues in future.

Objectives

The objective of this program is to

- To Understand the global risks and challenges due climate change induced disasters.
- Impart a sound knowledge to the participants to identify, prepare, assess and evaluate the disaster events and proper mitigating measures may be taken up in time
- Understand the latest technology and tools to evaluate the impact of human activities on environment, and establish linkages between the climate change and increased disasters.
- To interact on cutting-edge and ground-breaking topics in hazard assessment/ risk assessment disaster resilient design, retrofitting and education, sensitization, and awareness for masses to build preparedness towards hazards.

- To introduce new areas of research in the field of Disaster mitigation and management to the faculty.
- Provide an overview of disaster risk reduction strategies to build community resilience
- Discuss gaps in recent interventions and develop a way forward.

Program Content/Themes

Program will focus on the following areas primarily related to

- ❖ Urban and Infrastructure Resilience
- ❖ Methods of Vulnerability and Risk Assessment
- ❖ Disaster mitigation studies
- ❖ Linkage among development, climate change, urbanization and disaster management.
- ❖ Application of GIS, Remote Sensing and AI in Disaster Management
- ❖ Technology, innovation and disaster risk reduction
- ❖ Multi hazard risk assessment and Microzonation
- ❖ Vulnerability, resilience and sustainable development, infrastructure resilience
- ❖ Role of educational institutes in disaster risk reduction

Target Group

The main target group for this program are:

- Professionals/officials from government departments, training institutes of environment, forests, water, PWD, health, power, irrigation, rural, agriculture, climate etc, faculty members / research scholars/ scientists from universities/colleges, etc and representatives from NGOs also.
- National, state and local level disaster management professional including private sector and NGOs.

Date

The programme will be organized **online** from 5th April -7th April 2022.

Registration

- There is no registration fee for the participants.
- 80% attendance is mandatory
- For Course registration please visit <https://training.nidm.gov.in>

Certificate

An e- certificate will be awarded to each participant jointly by DTU and NIDM on the successful completion of the training program only after attending the full course.

Call for Contributions

Academicians, Researchers and Research Scholars are encouraged to contribute to and help shape the conference through submissions and presentations of their original, unpublished conceptual, constructive, empirical, experimental, or theoretical research papers and studies. Also, high quality contributions of unpublished literature reviews, e-posters and novel research are welcome. The abstract shall be submitted within 250 words along with Title, Author names, Affiliation, Address for correspondence, Emails of authors with four to five keywords on any one or more of the conference themes. Authors are expected to submit Abstract in soft copy by emailing to drccrd.dtu@gmail.com. After presentation, selected papers based on peer review would be considered for publication in the edited volume on urban and infrastructure resilience from **Springer Nature**.

Conference cum Training Programme
on

DISASTER RISKS, CLIMATE CHANGE AND RESILIENT DEVELOPMENT



05th – 07th April, 2022

Registration link: <https://training.nidm.gov.in/>

CHIEF PATRONS

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NIDM, MHA, GoI

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PATRON

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Professor and Chair in Technology, Values,
and Global Media Cultures
Erasmus University Rotterdam, Netherlands

Prof A K Sahu
DTU Delhi

Jointly Organized by:

National Institute of Disaster Management,
Ministry of Home Affairs, Govt. of India
&
Delhi Technological University (DTU)

COORDINATOR

Dr Sweta Baidya Consultant, ECDRM, NIDM

LIVE (10:11) Streaming YouTube

Day 1 : <https://youtu.be/NTH3h4XO4as>

Day 2 : <https://youtu.be/TehCARPxDCs>

Day 3 : https://youtu.be/6R_eYFv2a1w

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Stay Protected
from Corona



Wear your Mask
Property



Follow Proper
Hand Hygiene



Maintain Social
Distancing



Get
Vaccinated