



Department of Science &
Technology
Ministry of Science and
Technology,
Government of India
New Delhi

Training Programme on **SCIENCE & TECHNOLOGY FOR DISASTER RISK REDUCTION**

(Scientists & Technologists
working in the Government Sector)
(17th - 21st March, 2025)



Centre for Disaster
Management
Lal Bahadur Shastri
National Academy of
Administration, Mussoorie
Uttarakhand

Centre for Disaster Management (CDM)
Lal Bahadur Shastri National Academy of Administration (LBSNAA),
Mussoorie, Uttarakhand-248179

Brief note on the training programme

Centre at a Glance:

Centre for Disaster Management (CDM) is a research and training centre of Lal Bahadur Shastri National Academy of Administration (LBSNAA), Mussoorie, Department of Personnel & Training (DoPT), Government of India. It was established with the foremost aim of training IAS and Central Civil Service Officers in various aspects of Disaster Mitigation at Induction as well as in-service levels.

Centre for Disaster Management in collaboration with the Department of Science & Technology (DST), Government of India is organizing 5 (five) day training programme on “**Science & Technology for Disaster Risk Reduction (Scientists & Technologists)**” from **17th - 21st March, 2025** at Lal Bahadur Shastri National Academy of Administration, Mussoorie under the DST Scheme “**National Programme for Training of Scientists and Technologists working in Government Sector**”. This programme is aimed to “identify and discuss innovative technological solutions & to share such information among all participants to build scientifically sound solutions and transfer of those technologies from lab to land for building inclusive disaster resilience”.

Target Group: Scientists & Technologists working in government sector.

- Junior level scientists: 2 to 9 years of service in Group ‘A’
- Middle level scientists: 9 to 18 years of service in Group ‘A’
- Senior level scientists: more than 18 years of service in Group ‘A’

Objectives of the Training Programme:

- To discuss emerging issues, challenges and policies related to disaster risk reduction.
- To deliberate on emerging technologies for disaster risk mitigation specific to risk assessment, prevention, early-warning and preparedness, disaster response and emergency relief, & post disaster recovery and reconstruction.
- To provide exposure on methodological tools to assess vulnerabilities and risk and strengthen the resilience of communities at risk of various disasters.
- To exemplify the role and the challenges of science and technological innovations for disaster risk reduction in an interdisciplinary manner including the importance of social aspects.
- To collate information and exchange technical knowledge/ experiences on DRM & DRR.

Thematic Areas:

Science and Technology for

- ☐ Disaster Risk Assessment
- ☐ Disaster Prevention
- ☐ Disaster Early-Warning and Preparedness
- ☐ Disaster Response and Emergency Relief
- ☐ Post Disaster Recovery and Reconstruction
- ☐ Disaster Resilience and Sustainable Development

Outcome:

Thematic deliberations can provide orientation on emerging disaster risk mitigation & risk reduction interventions at national and international level to tackle the challenges

posed by various disasters and also encourage participants to identify and build scientifically sound solutions.

Training methodology:

- a. Flipped classroom and outdoor sessions and group exercises will be part of the pedagogy.