

## REGISTRATION DETAILS

There is No Registration fees for this program

## LINK FOR REGISTRATION:

NIDM Training portal

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

## ADDRESS FOR COMMUNICATION

### The Convener (AGDMM 2022) - NIDM

National Institute of Disaster management  
Ministry of Home Affairs, Govt. of India  
Rohini, New Delhi – 110039  
Mobile: 8299339957

### The Conveners (AGDMM 2022) - SRMIST

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SRM Institute of Science and Technology  
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& Coordinator, Earthquake Research Cell, Civil, SRMIST

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& Member, Earthquake Research Cell, Civil, SRMIST

**Dr. A.L. HALDAR**, Consultant, NIDM

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**Dr. S KARUPPASAMY**, Associate Professor, Civil, SRMIST

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**Dr. SNEHASISH GHOSH**, Scientific Officer,  
Earthquake Research Cell, Civil, SRMIST

**Mr. ANIL KATHAIT**, Jr. Consultant, NIDM



**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University u/s 3 of UGC Act, 1956)

## Three Days Workshop on ADVANCES IN GEOINFORMATICS FOR DISASTER MANAGEMENT AND MITIGATION (AGDMM 2022)

(Virtual Mode)

21<sup>st</sup> - 23<sup>rd</sup> February, 2022

Chairman

**Dr. P.T. RAVICHANDRAN**  
Professor and Head / Civil, SRMIST

**Prof. SURYA PRAKASH**  
Head, GMR Division, NIDM

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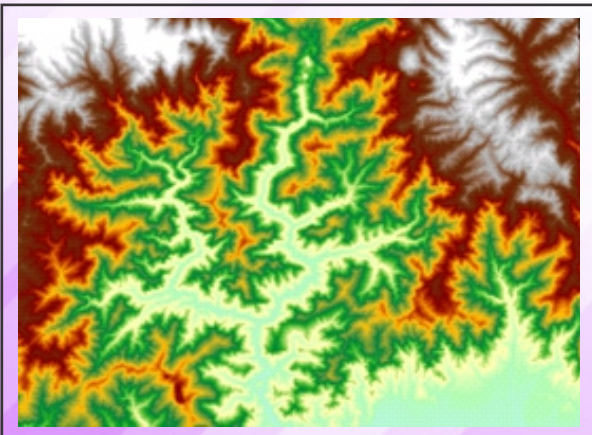
**Dr. A.L. HALDAR**, Consultant, NIDM

Organised by

Earthquake Research Cell  
Department of Civil Engineering  
College of Engineering and Technology  
SRM Institute of Science and Technology  
Kattankulathur- 603203

&

National Institute of Disaster Management  
UIINDRR NIDM Network, Ministry of Home Affairs,  
Govt. of India



## ABOUT THE INSTITUTION

SRM Institute of Science and Technology (formerly known as SRM University) is one of the top ranked universities in India with over 50,000 students and 3,177 faculty members, offering a wide range of Undergraduate, Postgraduate and Doctoral Programs in Engineering, Medicine & Health Sciences, Management, Science & Humanities, Law, and Agricultural Sciences. SRMIST is accredited by NAAC with the highest Grade of 'A++' with a CGPA of 3.55/4.0 which is valid till 2023. QS, the world-renowned international ranking agency, has rated SRMIST as a "4 Star" institute with "5 Star" ratings in Teaching, Employability and Inclusiveness and QS-IGAUGE has awarded Diamond Rating to SRMIST. SRMIST is classified as Category I University by UGC/MHRD and enjoys 12B status too under UGC Act. SRMIST has been continually and consistently ranked by QS and THE (Times Higher Education) under various categories – World, Asian, BRICS and Indian.

## ABOUT EARTHQUAKE RESEARCH CELL

SRM University established an Earthquake Research cell (ERC) for Advanced Research on the causes for origin, occurrence and prediction of Earthquake by better understanding the geodynamic behavior of the natural disaster on the globe. The vision of the cell is to be the leading Centre for Earthquake Research of international repute for the investigation of geodynamic activity. Its related effect based on research, education and information transfer to reduce the damages through systematic understanding of seismological characters

and to provide knowledge needed to mitigate future earthquake scenario for better planning and development.

## ABOUT DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering has been functioning since 1985. It has senior, learned and experienced staff members, well-equipped laboratories and other infrastructure facilities. The department also conducting postgraduate disciplines offered includes Structural Engineering, Construction Engineering and Management, Remote Sensing and GIS, Environmental Engineering with good placement records.

## ABOUT THE WORKSHOP

The past decade has seen the devastating effects of disaster striking India with frightening regularity. The most recent major natural disaster demonstrated the need for vulnerability assessment and mitigation as well as development of resistant structure. The Mission for development of technologies for the mitigation and management of natural disasters aims at minimizing the damage at the time of their occurrence and immediately thereafter, especially in those areas where there is already shortage of resources. The workshop tutorial helps in deliberating and assessing the natural hazards associated with various important theories and planning for efficient mitigation strategies. The workshop focuses on the recent geotechnical, geoinformatics, structural and simulation models and trends to mitigate severe natural disaster.

## SCOPE AND TOPICS

- Advances in geoinformatics for Natural hazard studies
- Recent trends in remote sensing for natural hazards studies
- Digital image processing for various hazard study
- GIS based mapping and model for disaster management
- Geostatistical modelling, Spatial Multi-criteria decision modelling
- Active tectonics - integrated geological and geophysical data analysis
- Numerical simulation model & artificial intelligence for disaster mitigation
- Disaster monitoring through Geoinformatics

