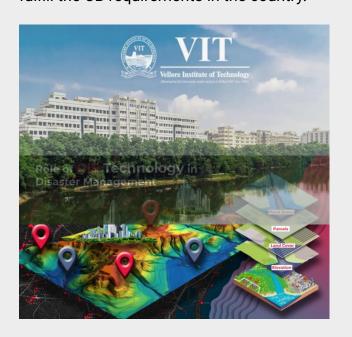## ISRO Disaster Management Support (DMS)- Capacity Building Programme

ISRO's Disaster Management Support (DMS) programme has been actively supporting the central and state governments by providing operational services during pre-disaster, and post-disaster time frames, including experimental forecasts, using space systems. Capacity Building (CB) in space technology for disaster management under the ISRO DMS program has been identified as a key element to motivate the participants to develop innovative methods, tools, data products, and services in the field of disaster management using space technology. DMS-CB program is one such unique effort funded by ISRO initiated to fulfill the CB requirements in the country.

Chief Patron

Dr. G. Viswanathan, Founder & Chancellor

Patrons

Mr. Sankar Viswanathan, Vice President
Dr. Sekar Viswanathan, Vice President
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Dr. Partha Sharathi Mallick, Pro-VC
Dr. T. Jayabarathi, Registrar

Course Coordinators

Dr. Surendar M, Associate Professor (PI)
Dr. G. P. Ganapathy, Professor (Co-PI)
Centre for Disaster Mitigation and Management (CDMM), Vellore Institute of Technology, Vellore 632014, India

Registration Link:
https://forms.gle/zVLJowut71PbtvBE6

(Last date of registration: 16th January 2024)

Contact :
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Two-week basic course
on
Remote Sensing and GIS for Disaster Management: A Hands-on Training Approach

12th to 23rd February 2024

Sponsored by

ISRO Disaster Management Support Programme

Organized by

**Centre for Disaster Mitigation and Management
Vellore Institute of Technology
Vellore - 632 014, India**

About VIT

Vellore Institute of Technology (VIT), founded in 1984 by Chancellor Dr. G. Viswanathan, has grown to over 33,000 students from over 50 countries and states. It was granted university status in 2001 by the MHRD Government of India for excellence in academics, research, and extracurricular initiatives. VIT is a top Indian institute known for its quality teaching, research, and innovation. It ranks 240th in the world and 9th in India in engineering and technology subjects, with eight subjects within the top 500. VIT is also the 8th best university, 11th best research institution in India, and 173rd best institution in Asia.

About CDMM

The Centre for Disaster Mitigation and Management (CDMM) was established in 2006 with state-of-the-art infrastructure and was the first center established after the National Disaster Management Act was passed in 2005. Its main activities include research and development, consultancy services in disaster reduction programs, innovative disaster education initiatives, and knowledge networking and partnerships.

About Course

In collaboration with ISRO's Disaster Management Support Program, a two-week training course in remote sensing and GIS for disaster management has been created. The program's objective is to provide participants with fundamental knowledge of mapping, monitoring, and mitigation techniques for geological hazards. Participants will get knowledge about software downloads, installations, data processing, and analysis, as well as how to efficiently use GIS and remote sensing for earthquake and landslide disasters. Through the use of open-source data and technologies, the course enables participants to become proficient in disaster management concepts and apply their knowledge to real-world scenarios, resulting in the creation of functional approaches to disaster preparedness.

Who Can Apply?

Faculty members, Scientists, Government employees, Researchers from academia, national institutions of research, smart city cells, municipal corporations and other government departments, and personnel from Non-Government Organizations are eligible to apply.

Important Information

A nomination letter from the competent authority is required and a maximum of 2 candidates from an institution will be selected.

Last date of registration : 16 January 2024
Date of confirmation : 20 January 2024
Mode of Conduct : Offline
No. of Seats : 25
Registration Fees : Nil

Accommodation will be provided on a shared basis in a hostel room for outstation participants.

TA for outstation participants will be provided (Restricted to II AC train, shortest route)