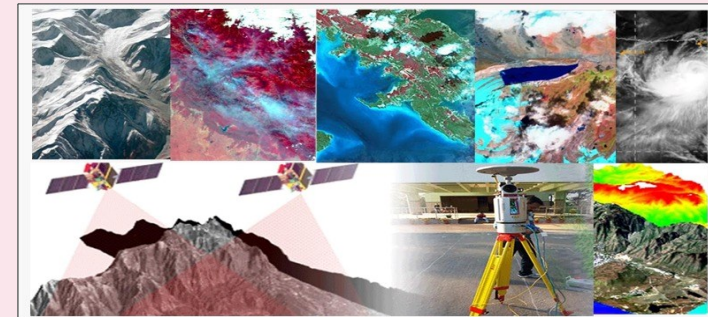


ISRO Disaster Management Support (DMS)-Capacity Building Programme

ISRO's Disaster Management Support (DMS) programme has been actively supporting the central and state governments by providing operational services during pre-disaster, post-disaster time frames, including experimental forecasts, using space systems. Capacity Building (CB) in space technology for disaster management under ISRO DMS programme 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 programme is one such unique effort funded by ISRO initiated to fulfil the CB requirements in the country.



Indian Institute of Remote Sensing, Indian Space Research Organisation
Department of space, Government of India
4, Kalidas Road, Dehradun -248001 (India)
www.iirs.gov.in



One Day Awareness Workshop on

Disaster Management and Mitigation using Modern tools and Techniques

Sponsored by



13th July, 2024

Organized by

Dept. of Civil Engineering



Centurion University of Technology & Management,
Paralakhemundi, Odisha
Village Alluri Nagar, R. Sitapur, Uppalada
Paralakhemundi, Gajapati Dist, Odisha. 761211, India
www.cutm.ac.in

Patrons

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Registrar, CUTM

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Assistant professor

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Website:

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Registration: Course Fee: NIL

<https://forms.gle/gQ8TSotBNF86BKim7>

(Last date of registration: 20th June 2024)

About the University

Centurion University of Technology & Management (CUTM), Established in 2010, accredited with NAAC A+ is Odisha's first multi-sector private university, recognized by U.G.C. Its core mission is to empower communities and provide educational opportunities for the underprivileged. CUTM offers diverse graduate, postgraduate, and doctoral programs in fields like agriculture, engineering, management, architecture, media, and vocational education, uniquely combining higher education with skill development

About Training

Odisha, located on the eastern coast of India, is prone to cyclones, floods, Coastal erosion and other disasters. Disaster management training in Odisha plays a crucial role in enhancing the state's preparedness and response capabilities to mitigate the impact of various natural and man-made disasters. In response to these challenges, it is the best way to invest significantly in training programs to build a resilient and well-prepared community. This one-day training program aims to equip participants with practical skills in utilizing space-based technologies for effective disaster management. The follow-up actions are designed to ensure that the knowledge gained is not only retained but also actively applied in real-world scenarios, fostering a culture of continuous improvement and collaboration in the field of space-based disaster management support.

Dept. of Civil Eng.

The Department of Civil Engineering at SoET offers B. Tech , M.Sc Geoinformatics and M. Tech programs in various specialized fields. With ample infrastructure and a blend of experienced senior faculty and motivated young educators, it fosters students' learning and knowledge acquisition. CUTM's uniqueness lies in its CBCS curriculum and domain projects like Aerial Surveying and Remote Sensing, allowing students to align their studies with their professional interests.

Who can apply?

Faculty members of Universities/ colleges and other academic and research institutions, Scientist, Administrators, professional engineers, NGO, scientists and young researchers (M.Tech/ME, PhD students) from government and private organizations should also benefit from these courses depending upon their level of exposure in this technology area. Apart from the premier researchers, professionals from government organizations will be benefited from the proposed course.

Limited Seats

Seats are limited to **50 (Fifty)** participants on first cum first serve basis.

Selection of Participants

Selection of participants will be based on their work experience and/or present status of their research with a copy of the Registration certificate/ID card, synopsis/note on their research work.

Training Contents

1. Introduction to Disaster Management: Definition and classification of disasters. Historical perspectives on major disasters
2. Disaster Management Framework: Phases of disaster management: mitigation, preparedness, response, and recovery.
3. Utilizing satellite imagery for risk mapping and assessment.
4. Applications of drones in disaster assessment and monitoring.
5. AI and ML in disaster management.
6. Utilizing real-time data for flood forecasting.
7. Cyclone tracking and evacuation planning using GIS for drought monitoring and response.
8. Community-Based Disaster Risk Reduction: Involving communities in disaster planning and mitigation.
9. National and International Disaster Policies.

Registration Details

Course Fee: NIL

Important Dates

Last date for registration: 20-06-2024

Intimation of selection through Email: 25-06-2024

TA & Accommodation

Food and accommodation will be provided for the participants. There will be no TA for the participants.

Contact Information :

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