

**Earth Observation Technology  
in  
Flood Risk Assessment & Management  
with Special Reference to Bihar, India**

Sponsored by



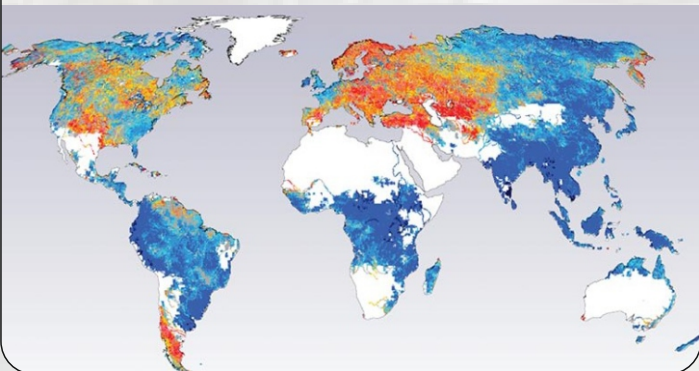
ISRO Disaster Management Support Programme  
Government of India

**26 - 31 July, 2024**

**Organized by**



**Department of Geology  
Central University of South Bihar,  
Gaya - 824236 (Bihar), India**



**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 method, 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

**Highlights of the Program**

1. General Understanding of the Earth Observation Technology for Disaster Risk Reduction (DRR).
2. Understanding of Floods and various environmental factors causing and controlling the Flood and its Mitigation Measures.
3. Flood Mapping and Monitoring with reference to Bihar.
4. Advance SAR applications in Flood Management.
5. Practical session on Flood Mapping and Monitoring with case studies.



**Core Committe**

**Chief Patron**

**Prof. Kameshwar Nath Singh  
Hon'ble Vice Chancellor,  
Central University of South Bihar, Gaya**

**Event Organizer (Convenor)**

**Prof. Prafull Kumar Singh  
Head, Department of Geology  
Central University of South Bihar, Gaya  
Email: [prafullsingh@cusb.ac.in](mailto:prafullsingh@cusb.ac.in)  
Contact: 9958196406, 7319958405**

**Registration:**



**(Last Date of Registration: 31 May, 2024)**

**For more Details please Contact:  
Email: [workshops.geo.cusb@gmail.com](mailto:workshops.geo.cusb@gmail.com)  
Contact: 9958196406, 7319958405**



### About the University

The Central University of South Bihar (CUSB), NAAC A++ Grade (A Central University Established by Act of Parliament) is one of the research intensive University was established by Central Universities Act 2009 (Section 25 of 2009) in a permanent campus on a 300-acre of land at Panchanpur, situated about 15 km away from Gaya town to achieve the target of academic excellence in Higher Education with the aid of 'Collective Reasoning & Wisdom'. In the light of National Educational Policy 2020, it further aspires to become Multidisciplinary Education and Research University (MERU) to fulfil the need and aspirations of society and nation as well as the target of SDGs Goals. <https://www.cusb.ac.in/>



### Department of Geology

The Department of Geology, under School of Earth, Environmental and Biological Sciences Presently offering M.Sc. and Ph.D. Programs in Geology. Department have well equipped Geological and Remote Sensing & GIS laboratory with good number of Licensed Software (ArcGIS, ERDAS Imagine, Geomedia with smart class rooms. Department also have digital total station for field data collection & survey. To know more about the department please visit

<https://www.cusb.ac.in/departments-of-geology/>



### Eligibility and Selection

- Faculty members of Universities/Colleges and other Academic and Research Institutions, Scientist, Administrators, Professional Engineers and young Researchers from Government and Private Organizations.
- Selection will be based on the recommendations of the duly constituted committee.
- **Only 25 candidates will be selected** to participate in the workshop.
- Preference will be given to the candidate working in the area of Flood Mapping & Monitoring and Geohazards.
- NOC from the Head of the Department/ Organizations in the prescribed format should be submitted.
- Certificate will be issued after the successful completion of the workshop.

### Instructions

- Free Accommodation will be provided in the Institute hostel and Guest house based on the availability of rooms.
- The participating candidates are eligible for TA reimbursement as per ISRO and CUSB Guidelines.

### IMPORTANT INFORMATION

**Last date of Registration : May 31, 2024**

**Date of notification of selection: June 15, 2024**

**Mode of Conduct: Offline**

**No. of Seats: 25**

**Registration Fees: Nil**