



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University)



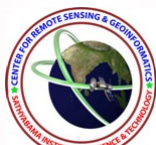
Accredited with NAAC 'A' Grade

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119

Col. Dr. Jeppiaar Research Park

CENTRE FOR REMOTE SENSING AND GEOINFORMATICS

(Joint initiative with Indian Space Research Organization (ISRO), Government of India)



Organizes

Online Certificate Program on

HANDS ON SKILLS IN DISASTER MANAGEMENT USING RS AND GIS

01ST OCTOBER, 2020 - 31ST OCTOBER, 2020



BENEFICIARIES

SCIENCE STUDENTS

Patrons

Dr. MARIAZEENA JOHNSON
Chancellor

Dr. MARIE JOHNSON
President

Dr. T.SASIPRABA
Vice - Chancellor

Organizing Secretary
DR. B. SHEELA RANI
Director (Research)

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About the course:

Remote Sensing and Geographic information systems (GIS) can be a very useful tool for the whole disaster management cycle starting from the preparedness phase, mitigation to response, recovery and reconstruction. Remote Sensing and GIS has proven to be efficient for implementing coherent Disaster Risk Reduction (DRR) activities at regional, national and local scales. Quantifying risk and expected future losses is a key step in any DRR program. Geospatial risk assessment can be performed with GIS tools and techniques which can quantify risk and identify the locations in need of risk reduction measures. The role of GIS doesn't stop there; in the immediate aftermath of a disaster, satellite based rapid analysis enables the emergency response agencies to respond in a better and coordinated way.

Course Content

- Introduction to Remote Sensing & GIS
- Flood monitoring using remote sensing and observational data
- Drought exploration
- Observation of cyclones and their movement
- Coastal Disasters
- Hands on Exercise

Registration Fees : Rs.1000/-

Coordinator

Dr. Anoop Kumar Mishra
Scientist -F/Head,

Conveners

Dr. K. Nagamani
Scientist C

Dr. B. Prabhu Dass Batvari
Scientist C

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