

DST-Geospatial Training Programme

Department of Geography

University of Rajasthan, Jaipur

16 July - 5 Aug, 2014

A 21 days training programme on "Geospatial Technologies" under Natural Resources Data Management System (NRDMS) Programme of DST will be held at the Department of Geography, University of Rajasthan, Jaipur from 16 July - 5 Aug, 2014. Every day there would be 4 theory classes and 3 hands on practical. Eminent/Professors/Scientists and researchers in these areas will be the core faculty. This programme will cover the concept of GIS and Image processing through suitable example of images, data sets on open GIS and Image processing software. Course curriculum is available on DST-IGET. in which broadly cover the following topics

1. Concept and Importance of Geospatial Technologies in Natural Resources Management.
2. Fundamentals of GIS and Open GIS
3. Functions in QGIS such as Data Inputs, Georeferencing, Data Base Preparation, Information Extraction, Spatial Analysis etc.
4. Function in SAGA-GIS like Georeferencing, Mosacing, Supervised and unsupervised classifications, Terrain Analysis, Change Detection etc.
5. GIS Trends like web GIS, Geoserver, PostGIS, Geoexplorer etc.
6. Spatial Modelling in Raster and Vector Data
7. GIS Modelling for Land use study
8. Land degradation and sustainable Management of Land Resources through GIS
9. Water and Forest Resources Management through GIS

University and College Professor/Associate professor/Assistant Professor/ Post Doctoral Fellows/Research Scholars working in the field of Remote Sensing and GIS can apply for participation. Preference may be given to the Earth Science Subject applicants.

Registration form and other details are available on the University website www.uniraj.ernet.in. The completed application (either by email or hard copy) in the format as given in the website should reach to given contact address or by email to the Co-ordinator on or before 8th July, 2014. List of selected candidates will be displayed on the website and communicated to the selected participants by 12 July, 2014.

There is no registration fee for attending the programme. Selected participants will be provided round travel sleeper class train fare and local hospitality during the period of the training programme. Total number of participants is limited to 25.

Academic visits of the participants will be arranged to RRSC, ISRO, Jodhpur, University of Rajasthan and Birla Institute of Scientific Research, Jaipur and field visits will be conducted for ground truths.

Contact Address

Dr. Rama Prasad

Co-ordinator

DST Geospatial Training Programme

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DEPARTMENT OF GEOGRAPHY
UNIVERSITY OF RAJASTHAN, JAIPUR
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Application Form

Name:

Gender:

Date of Birth:

Qualification:

Designation:

Institute and its Postal Address:

Email address:

Phone No./Mobile:

Present Research Interests (4-5 lines):

List of Publications (if any):

Seminar/Conference Attended (if any)

Nomination letter from the institute/organisation is necessary, if employed