Dr. Prakash Chauhan  
Director
No.: IIRS/GIT&DL/EDUSAT/2018/32  
Date: April 09, 2018

Sub: Announcement of 32nd IIRS Outreach Program on “Geospatial Modelling for Watershed Management” commencing from May 01-07, 2018.

Dear Sir/Madam,

The Indian Space Research Organisation (ISRO) has a vibrant Earth Observation (EO) programme since last 50 years with launch of several satellite missions. The Indian Remote Sensing Satellite (IRS) series of satellites provide space based information for monitoring and management of natural resources and Disaster Management Support. The Indian Institute of Remote Sensing (IIRS) is a premier Institute under ISRO engaged in training, education and capacity building on use of geospatial technology for natural resources monitoring and disaster management since last five decades. The Institute has so far conducted 30 Satellite and Internet based Outreach Programmes, benefitting more than 62000 participants from 730 Indian universities/institutions/user Departments/user ministries in India. To promote the use of Geospatial technology, IIRS announces the 32nd IIRS Outreach programme on “Geospatial Modelling for Watershed Management” commencing on May 01, 2018. The course is targeted to working professionals and students and will provide a unique opportunity to the learners to enhance their knowledge by attending the course at their respective working places.

Geospatial technologies including remote sensing, GIS and GPS has emerged as a powerful tool in recent years for assessment and monitoring of natural resources. Integrated Watershed Management Programme (IWMP) (presently as WDC-PMKSY), a flagship programme of Govt. of India was envisaged to restore the ecological balance by harnessing and conserving soil and water resources. IWMP emphasizes use of geospatial technology in natural resource assessment, planning and monitoring of the watershed. Nearly 50,000 micro watersheds in 10 states are being monitored using high spatial resolution remote sensing data through BHUVAN. This course will provide an overview on the principles of watershed management, use of geospatial technologies for watershed management including the use of digital elevation models (DEMs) for terrain analysis of watershed, spatial modelling of soil erosion and soil and water conservation.
It is a unique opportunity for participants to learn directly from their place of working by devoting an hour and a half each day. The course can be attended with no cost to the participants. Programme can be received live through internet by utilizing A-VIEW software (www.aview.in) available freely or using live streaming from YouTube. This Programme is sponsored by NRNMS, Department of space, and Government of India for capacity building. The Participants who successfully complete the course will be awarded a certificate from IIRS, ISRO. The programme is scheduled during 1600 Hrs.-1730 Hrs. every day for a week. A copy of the announcement brochure of this course is forwarded herewith for your kind perusal and for circulation in your university/institute/Organisation. The course is open to UG & PG students/researchers/scientific/technical staff and interested individuals. We need your support for wide publicity and maximum participation from your university/ institute/Organisation.

यदि आपकी कार्यक्रम के बारे में और जानकारी की आवश्यकता है, तो कृपया संपर्क करने में संकोच न करें

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You may also visit IIRS website http://www.iirs.gov.in/Edusat-News for further details.

With regards and best wishes,

(Prakash Chauhan)

10/4/18

Encl. Course Schedule