DIVISION OF AGRICULTURAL PHYSICS
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI - 110 012 (INDIA)

Dr. Ravender Singh
Head

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No. AP/1756/28, Date: Feb 04, 2012

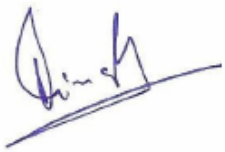
Sub : Announcement of Satellite based Distance learning programme on "**Hyperspectral Remote Sensing**" using EDUSAT National Beam Network starting from 13th Feb to March 30, 2012

Dear Sir,

I am happy to announce that EDUSAT based off campus training programme on "**Hyperspectral Remote Sensing**" will be commencing from Feb 13 to March 30, 2012 in this Division. The training will be offered by Indian Institute of Remote Sensing (IIRS), ISRO, Dept of Space Dehra Dun which will be received by our end through the SIT (Satellite Interactive Terminal) facility available with us and utilizing either learning management system (Trainnet) or VLC based streaming. The training program is scheduled to be conducted during 1600 - 1730 hrs and 2-3 days in a week. The detail schedule of the programme received from IIRS, Dehra Dun is enclosed here with. I would request you to send the nominations of scientists and Ph.D. students (**only those who have already done basics on Remote Sensing Course through EDUSAT or some other training programmes**) of your Division for the participation in this programme. The nominated participants should first register online (http://bit.ly/yS2vq2) and then send the same (registration format enclosed) to **Dr. R. N. Sahoo, Course Co-ordinator, Division of Agricultural Physics, IARI, New Delhi – 110 012 (Email :rnsahoo.iari@gmail.com) latest by Feb 11, 2012.**

Thanking You.

Yours sincerely,



(Ravender Singh)

Registration form for Advance Course on "Hyperspectral Remote Sensing"

8th IIRS Satellite based distance learning program on "Hyperspectral Remote Sensing" Duration - 13th February to 30th March 2012.
edusat@iirs.gov.in or call 0135-2524130
* Required

Centre/Department/Division

University/Institute *

Name * Please provide the full name as should be printed on the certificateDate of Birth * Format (dd/mm/yyyy) Example: If your date of birth is 1st November 1975, then write 01/12/1975

Gender *

- Male
- Female

Nationality *

- Indian
- Other

Postal Address

Phone

Fax

Email Address *
Please provide a valid and working email address

Highest Education Qualification *
Select the degree you have completed or still pursuing

- Graduation
- Post graduation
- Ph.D
- Post Doc
- Other

Designation * Please indicate your current occupation

- Student
- Faculty
- Research Scholar
- Other

Have you attended the earlier courses on "Basics of RS, GIS and GPS" Conducted by IIRS *

- Yes
- No
- Other

Have you attended any course of "Remote Sensing , GIS & GPS" from any other institution/place? Please specify. *

- Yes
- No
- Other

Does your current study/work require the use of any GIS softwares? *

- Yes
- No

iirs

INDIAN INSTITUTE OF REMOTE SENSING
INDIAN SPACE RESEARCH ORGANISATION

Advance Course on "HYPERSPECTRAL REMOTE SENSING"

13th February 2012 – 30th March 2012

S. No.	Date & Time (Hrs)	Days	Lecture Description	Lecture/ Practical	Faculty
1	13-02-2012 1600-1730	Monday	Hyperspectral remote sensing: An Overview	L	Ms. Shefali Agarwal, IIRS
2	15-02-2012 1600-1730	Wednesday	Spectroscopy: Theory and Practice	L	Dr. D. Ramakrishnan, IITB
3	17-02-2012 1600-1730	Friday	Introduction to Hyperspectral tools and Familiarization with Hyperspectral Data	P	Ms. Manu Mehta, IIRS
4	22-02-2012 1600-1730	Wednesday	Spectral Libraries and Familiarization of USGS, JHU, IGCP, JPL and other spectral libraries	L	Dr Senthil Kumar, NRSC
5	23-02-2012 1600-1730	Thursday	Demonstration of Laboratory spectra collection using ASD Spectro-Radiometer	P	Mr. Vinay Kumar, IIRS
6	24-02-2012 1600-1730	Friday	Hyperspectral Image pre-processing; noise removal, atmospheric corrections procedures and data calibration	L	Dr Senthil Kumar, NRSC
7	27-02-2012 1600-1730	Monday	Hyperspectral IR sounding and retrieval of Atmospheric parameters	L	Dr. P. K. Thapliyal, SAC
8	29-02-2012 1600-1730	Wednesday	Image Preprocessing; atmospheric and geometric corrections	P	Ms. Manu Mehta, IIRS
9	05-03-2012 1600-1730	Monday	Hyperspectral Remote Sensing Data Processing (Data reduction, feature extraction and end member selection)	L	Dr. P. Srinivas, ADRIN
10	07-03-2012 1600-1730	Wednesday	Hyperspectral Remote Sensing Data Processing (Data reduction & feature extraction)	P	Ms. Richa Upadhyay, IIRS
11	09-03-2012 1600-1730	Friday	Hyperspectral Remote Sensing Data Processing (End member selection)	P	Ms. Richa Upadhyay, IIRS
12	12-03-2012 1600-1730	Monday	Hyperspectral Image classification algorithms	L	Dr. M. K. Arora, IITR
13	14-03-2012 1600-1730	Wednesday	Hyperspectral Image classification	P	Mr. Vinay Kumar, IIRS
14	16-03-2012 1600-1730	Friday	Hyperspectral Remote sensing and its applications in Mineral exploration	L	Dr. S. Sanjeevi, Anna University
15	19-03-2012 1600-1730	Monday	Hyperspectral Remote sensing and its applications in Water quality	L	Dr. Prakash Chauhan, SAC
16	20-03-2012 1600-1730	Tuesday	Hyperspectral Remote sensing and its applications in Planetary exploration	L	Dr. Prakash Chauhan, SAC
17	21-03-2012 1600-1730	Wednesday	Hyperspectral Remote sensing and its applications in Snow, Ice and Glacier Studies	L	Dr. H. S. Negi, SASE
18	23-03-2012 1600-1730	Friday	Hyperspectral Remote sensing and its applications in Agriculture & Soil mapping	L	Dr. R. N. Sahoo, IARI
19	26-03-2012 1600-1730	Monday	Hyperspectral Remote sensing and its applications in Forestry	L	Dr. Sarnam Singh, IIRS
20	30-03-2012	Friday	Exam		

L=Lecture, P=Practical