

INTEGRAL UNIVERSITY, LUCKNOW

DEPARTMENT OF COMPUTER APPLICATION

Notification regarding One Week Faculty Development Programme

on

"Advanced Research Trends of Satellite Image Processing in Land Surface Monitoring"

It gives me immense pleasure to inform that **Advanced Computing Research Lab**, Department of Computer Application, is organizing **One Week Faculty Development Programme** on "**Advanced Research Trends of Satellite Image Processing in Land Surface Monitoring**" under the aegis of Human Resource Development Center (HRDC), Integral University, Lucknow. The objective behind this FDP to provide a platform for the faculty members to get awareness about recent advancement in satellite image processing and update their knowledge/skills in this domain. The FDP is open for the faculty members in the University as well as from other institutions of repute from **24 August - 28 August, 2020** in online mode.

About the Proposed Course:

Climate change is one of the main global challenges that have important economic and social consequences. One of the main sources of data for land surface monitoring and understanding the factors that influence it is the satellite image, which provides information about the Earth's surface, ground, and atmosphere. The faculty development programme on Advanced Research Trends of Satellite Image processing in Land Surface Monitoring will help the participants to gain knowledge of satellite image processing for various applications. It will also help them to improve the skill for solving the engineering problems related to satellite image processing.

Registration Dates: 20 August 2020 - 23 August 2020

FDP Dates: 24 August 2020 - 28 August 2020

Exam Date: 30 August, 2020

The registration link is as follows:

https://forms.gle/xB66VaEWh5HDvBYe7

After registration, please join our Telegram Channel created for this FDP using:

https://t.me/joinchat/QezF8hXHSs1mRjl0XLaWiA

**No registration fees. E certificates will be provided to participants who score at least 40% in the online exam. **

For any clarification, please feel free to contact FDP coordinators or email us at <u>ca@iul.ac.in</u>.

We look forward to making this course another good learning experience.

Coordinator(s)			
Dr. Tasneem Ahmed	Mrs. Nashra Javed	Mrs. Halima Sadia	
Assistant Professor	Assistant Professor	Assistant Professor	
Dept. of Computer Application	Dept. of Computer Application	Dept. of CSE	
Mobile: 9548443915	Mobile: 8604949379	Mobile: 9838223309	

Dr. Mohammad Faisal

Head.

Dept of Computer Application

Faculty Development Programme

on

Advanced Research Trends of Satellite Image processing in Land Surface Monitoring

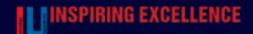
24 August, 2020 - 28 August, 2020

Organized by
Advanced Computing Research Lab, Department of Computer Application,
Under the Aegis of
Human Resource Development Center (HRDC), Integral University Lucknow, India

Schedule

Date/Day	Time	Topic	Speaker
24/08/2020 Monday	01:30 pm	Inauguration	Prof. Syed Aqeel Ahmad Director Human Resource Development Center, Integral University
24/08/2020 Monday	02:00 pm	Remote Sensing Basics for Contemporary Applications: A Review of Water Index based Approaches of Water Extraction	Dr. Triloki Pant IIIT Allahabad
25/08/2020 Tuesday	02:00 pm	Soil Parameter Retrieval with Synthetic Aperture Radar Data	Dr. Rishi Prakash Graphic Era University, Dehradun
26/08/2020 Wednesday	02:00 pm	Data Fusion Application in Land Cover Classification Using Satellite Data	Dr. Vikas Mittal NIT Kurukshetra
27/08/2020 Thursday	02:00 pm	SAR Polarimetry: Concepts and Applications in Land Cover Monitoring	Dr. Pooja Mishra IIIT Allahabad
28/08/2020 Friday 03:00	02:00 pm	An Approach to Classify Tall Vegetation and Urban Using Deoriented PALSAR Image	Dr. Shruti Gupta NIT Delhi
	03:00 pm	A Synthetic Dataset for Validation of Soil Moisture Algorithms in Agricultural Regions	Dr. Akanksha Garg University of California, USA
	05:00 pm	Valedictory	
30/08/2020 Sunday	2:00 pm	Online Test • E Certificate will be provided to the participants who successfully score at least 40%.	





ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME ON

ADVANCED RESEARCH TRENDS
OF SATELLITE IMAGE PROCESSING
IN LAND SURFACE MONITORING

24 - 28 AUGUST, 2020

SPEAKERS



DR. TRILOKI PANT

IIIT ALLAHABAD

DR. VIKAS MITTAL NIT KURUKSHETRA

DR. RISHI PRAKASH GRAPHIC ERA UNIVERSITY DEHRADUN

> DR. AKANKSHA GARG UNIVERSITY OF CALIFORNIA, USA

ORGANIZED BY
ADVANCED COMPUTING RESEARCH LAB,
DEPARTMENT OF COMPUTER APPLICATION
UNDER THE AEGIS OF
HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)
INTEGRAL UNIVERSITY, LUCKNOW

Dr. Syed Aqeel Ahmad Director, HRDC Dr. Mohammad Faisal HoD, CA

Dr. Tasneem Ahmed Coordinator

DR. POOJA MISHRA

IIIT ALLAHABAD

Mrs. Nashra Javed Coordinator Mrs. Halima Sadia Coordinator

E-Certificate on scoring atleast 40% in Online Exam on 30 August 2020

For more details visit iul.ac.in/ca



No Registration Fees https://bit.ly/31zjEIT 20 - 23 August 2020

For any queries email us at ca@iul.ac.in or Contact at 9548443915