



PIMPRI CHINCHWAD EDUCATION TRUST'S
**PIMPRI CHINCHWAD COLLEGE OF ENGINEERING &
 RESEARCH,**
 RAVET, PUNE 412 101



Department of Civil Engineering

Innovations by the Faculty in Teaching and Learning

Event Title	ISRO's IIRS Outreach Center (Distance Learning Program)
Participants	Students, Faculty and Interested Members from Industry and Outside Institute
Venue / Location	201- Online Platform
Organizing Team	PCET's PCCOER Ravet Pune
Faculty Coordinator	Mr. Bobade Sudarshan Sampatrao
Academic Year / Sem.	2018-19 Onwards till Date (Term I and Term II)
Date	As per the schedule received from IIRS

Objective of the Event/Activity Conducted:

To enhance their knowledge in remote sensing and geospatial technology using online simulated learning contents through online platform.

Event / Activity Photos:

The screenshot displays the IIRS E-CLASS platform. At the top, there are logos for ISRO, Indian Institute of Remote Sensing, and the Government of India. The main header includes 'E-CLASS ELECTRONIC COLLABORATIVE LEARNING AND KNOWLEDGE SHARING SYSTEM'. On the left, a sidebar shows a profile for Mr. BOBADE SUDARSHAN SAMPATRAO and navigation links for Ongoing Courses, Live Lecture, Offline Session, and Past Courses. The main content area features a list of ongoing courses with details such as the instructor's name, date, and time. The courses listed are:

- Dr. Poonam S. Thari, September 9th at 6:44pm, Image Segmentation
- Ms. Manu Mehta, September 28th at 11:40am, Remote Sensing Programs
- Dr. Hina Pande, September 10th at 11:58am, Spectral Signature and Image Interpretation
- Shri Vinay Kumar, September 10th at 11:59am, Earth observation Sensor and Platforms

Revision : 00 Date: 03/12/2018





INDIAN INSTITUTE OF REMOTE SENSING
Indian Space Research Organisation
Department of Space, Govt. of India



E-CLASS
ELECTRONIC COLLABORATIVE LEARNING
AND KNOWLEDGE SHARING SYSTEM



Mr. BOBADE
SUDARSHAN
SAMPATRAO

Ongoing Courses

Live Lecture

Offline Session

Past Courses

Please Choose the course you have conducted or schedule to conduct

- 34- IIRS Outreach Programme on Geospatial Inputs for Enabling Master Plan Formulation under AMRUT Sub-scheme
- 33- IIRS Outreach Programme on Advanced Image Analysis
- 32- IIRS Outreach Programme on Geospatial Modeling for Watershed Management
- 31- IIRS Outreach Programme on RS & GIS applications in Water Resources
- 29- IIRS Outreach Programme on Hyperspectral Remote Sensing and its Applications
- 23- IIRS Outreach Programme on Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System
- 22- IIRS Outreach Programme on UAV Remote Sensing and Applications
- 1017- IIRS Outreach Programme on SAR Application for flood hazard mapping and monitoring
- 1015- IIRS Outreach Programme on Remote Sensing for Lunar Science
- 1014- IIRS Outreach Programme on Earth Observation based Mapping, Monitoring and Modelling of Landslide: Recent trends and support to early warning system
- 1012- IIRS Outreach Programme on Satellite altimetry for River monitoring
- 1011- IIRS Outreach Programme on Space Technology and its Applications
- 1010- IIRS Outreach Programme on Machine Learning for Remote Sensing Data Classification
- 1009- IIRS Outreach Programme on Remote Sensing of the Moon by Indian Lunar Missions with Emphasis on Spectroscopic Analysis
- 1008- IIRS Outreach Programme on Space and Spatial Technology - An Introduction_1008_2019
- 1006- IIRS Outreach Programme on Microwave Remote Sensing in Agriculture
- 1005- IIRS Outreach Programme on Geospatial Technology for Disaster Risk Reduction-One Day online Workshop
- 1004- IIRS Outreach Programme on Crowd Sourcing and Participatory GIS- One Day online Workshop
- 1002- IIRS Outreach Programme on Geo Spatial Technologies and Sendai framework for Disaster Risk Reduction-One Day online Workshop
- 1001- IIRS Outreach Programme on Hydrometeorological Disaster Management- One Day online Workshop

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Mr. BOBADE
SUDARSHAN
SAMPATRAO

Ongoing Courses

Live Lecture

Offline Session

Past Courses

Please Choose the course you have conducted or schedule to conduct

- 54- IIRS Outreach Programme on RS & GIS Applications
- 53- IIRS Outreach Programme on Geographical Information System
- 52- IIRS Outreach Programme on Global Navigation Satellite System
- 51- IIRS Outreach Programme on Remote Sensing and Digital Image Analysis
- 50- IIRS Outreach Programme on Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System
- 49- IIRS Outreach Programme on Geoprocessing using python
- 48- IIRS Outreach Programme on Digital Photogrammetry based 3D modelling
- 47- IIRS Outreach Programme on Satellite Remote Sensing for Air Pollution studies
- 46- IIRS Outreach Programme on Advances in Remote Sensing and geospatial technologies for Disaster early warning, monitoring and mitigation
- 45- IIRS Outreach Programme on RS and GIS Applications in Watershed Management
- 44- IIRS Outreach Programme on Remote Sensing based Mapping Monitoring and Modelling of Landslide and Earthquake hazards
- 43- IIRS Outreach Programme on Advances in Forest Remote Sensing
- 42- IIRS Outreach Programme on Principles of Polarimetric SAR Remote Sensing and its Processing
- 41- IIRS Outreach Programme on Hyperspectral Remote Sensing and its applications
- 40- IIRS Outreach Programme on Satellite Remote Sensing in Agrometeorological Applications
- 39- IIRS Outreach Programme on RS & GIS Applications
- 38- IIRS Outreach Programme on Global Navigation Satellite System and Geographical Information System
- 37- IIRS Outreach Programme on Remote Sensing and Digital Image Analysis
- 36- IIRS Outreach Programme on Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System
- 35- IIRS Outreach Programme on Advanced Geospatial Modelling tools and techniques

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Mr. BOBADE
SUDARSHAN
SAMPATRAO

Ongoing Courses

Live Lecture

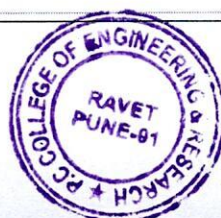
Offline Session

Past Courses

Please Choose the course you have conducted or schedule to conduct

- Please Choose the course you have conducted or schedule to conduct
- 9013- IIRS Outreach Programme on Health GIS - Geoinformatics for COVID19
 - 9012- IIRS Outreach Programme on Basics of SAR Remote Sensing
 - 9011- IIRS Outreach Programme on Basic Principles of Remote Sensing Technology
 - 84- IIRS Outreach Programme on Geospatial Modelling for Watershed Management
 - 83- IIRS Outreach Programme on Geospatial Technology for hydrological modelling
 - 82- IIRS Outreach Programme on Machine learning to Deep Learning: A journey for remote sensing data classification
 - 77- IIRS Outreach Programme on Geospatial Technology for Archaeological Studies
 - 76- IIRS Outreach Programme on GIS for Supply Chain Management
 - 75- IIRS Outreach Programme on Geoinformatics for Disaster Management
 - 74- IIRS Outreach Programme on Satellite based Navigation: A Journey from GPS to Mobile Phone Platform
 - 73- IIRS Outreach Programme on Overview of Geoprocessing using Python
 - 72- IIRS Outreach Programme on Basics of Geocomputation and Geoweb Services
 - 71- IIRS Outreach Programme on Advances in SAR Polarimetry & Interferometry
 - 70- IIRS Outreach Programme on Remote Sensing of Land Degradation
 - 69- IIRS Outreach Programme on RS & GIS Applications
 - 68- IIRS Outreach Programme on Geographical Information System
 - 67- IIRS Outreach Programme on Understanding of Coastal ocean processes using Remote Sensing and Numerical Modelling
 - 66- IIRS Outreach Programme on Global Navigation Satellite System
 - 65- IIRS Outreach Programme on Remote Sensing and Digital Image Analysis

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Outcome of the Event/Activity Conducted:

- Participants will be able to gain knowledge in remote sensing and geoinformatics.
- Participants will be able to develop skills in geospatial technologies.

Impact Analysis:

- Final year B.E. projects
- Research Work
- IPR





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Event Title	Popularisation of Remote Sensing Based Maps and Geospatial Information
Participants	20 faculty members
Venue / Location	201
Organizing Team	PCET's PCCOER Outreach Centre, Ravet, Pune
Faculty Coordinator	Mr. Bobade Sudarshan Sampatrao
Academic Year / Sem.	2017-18 Sem I
Date	11/08/2017

Objective of the Event/Activity Conducted:

To enhance their knowledge in remote sensing and geospatial technology using online simulated learning contents through online platform.

Event / Activity Photos:





Outcome of the Event/Activity Conducted:

- Faculty members gained the knowledge about how remote sensing and geoinformatics is applicable for engineering branches.
- Faculty members were came to know about the various platforms from where they will be able to develop skills in geospatial technologies.
- The aim behind this event was to popularize the RS and GIS at grass root level that is achieved by Training the Trainers.

