


Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh, Satara

**65<sup>th</sup> IIRS Outreach Programme on "Remote Sensing & Digital Image Analysis"**  
Sponsored by NNRMS and organized by IIRS/ ISRO, Dept. of Space, Govt. of India,  
Dehradun 17.08.2020 to 11.09.2020

**RAJA SHRIPATRAO BHAGAWANTRAO MAHAVIDYALAYA, AUNDH, SATARA**  
**Indian Institute of Remote Sensing, ISRO, Dehradun**  
**Department of Space, Government of India**  
**SUMMARY REPORT OF PROGRAM**

  
Date: 30/11/2019

To,  
The Principal,  
R.S.B. Mahavidyalaya, Aundh  
Tal. Khatav, Dist. Satara

I am submitting summary report of 65<sup>th</sup> IIRS ISRO Outreach Programme. Please accept it.

**1. Name of Programme:** Remote Sensing & Digital Image Analysis  
**2. Duration:** 17/08/2020 to 11/09/2020 **Total Days:** 12  
**3. Number of enrolled students:** 02  
**4. Name of Coordinator:** Dr. Telore Namdev Vasant  
**5. Name of Resource Persons:** i) Dr. Prakash Chauhan  
ii) Mr. Vinay Kumar iii) Dr. PS Tiwari

**6. Objectives of the Programme:**  
i. To know concepts of remote sensing  
ii. To aware basics of digital image analysis

**7. Outcome of the Programme:**  
i. Participants become aware of concepts of remote sensing  
ii. Participants become expert in the digital image analysis

**Centre Coordinator** (Dr. Namdev V. Telore) **Principal** (Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh (Satara))

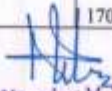
Course Name: Remote Sensing & Digital Image Analysis  
 Course Coordinator: Mrs. Minakshi Kumar

Revised on 10 September 2020



17 August-11 September

Date	Day	Time	Topic	Speaker
17/08/2020	Monday	1600-1730 hrs	Course Inauguration and Introductory Lecture , Indian Space Programme	Dr. Prakash Chauhan
18/08/2020	Tuesday	1600-1700 hrs	Basic Principles of Remote Sensing	Ms. Manu Mehta
		1700-1730 hrs	Interactive Session	
19/08/2020	Wednesday	1600-1700 hrs	Earth Observation Sensors and Platforms	Mr. Vinay Kumar
		1700-1730 hrs	Interactive Session	
24/08/2020	Monday	1500-1545 hrs	Spectral Signatures of Different Land cover Features and Visual Image interpretation	Dr. Hina Pande
		1545-1600 hrs	Interactive Session	
24/08/2020	Monday	1605-1700 hrs	Digital Image Processing: Basic Concepts Rectification and Registration	Ms. Minakshi Kumar
		1700-1730 hrs	Interactive Session	
25/08/2020	Tuesday	1500-1545 hrs	Enhancement techniques Image	Dr. Poonam S. Tiwari
		1545-1600 hrs	Interactive Session	
25/08/2020	Tuesday	Offline Session	RS and Image Interpretation Practical	Self-Practice by participants / Assignment
26/08/2020	Wednesday	1500-1545 hrs	Image Classification Techniques and Accuracy Assessment Part 1	Dr. Poonam S. Tiwari
		1545-1600 hrs	Interactive Session	
26/08/2020	Wednesday	1605-1700 hrs	Thermal Remote Sensing	Dr. Yogesh Kant
		1700-1730 hrs		
27/08/2020	Thursday	1600-1700 hrs	Image Classification Techniques and Accuracy Assessment Part 2	Dr. Poonam S. Tiwari
		1700-1730 hrs	Interactive Session	
28/08/2020	Friday	1600-1700 hrs	Digital Change Detection	Ms. Minakshi Kumar
		1700-1730 hrs	Interactive Session	
31/08/2020	Monday		Onam Festival	
01/09/2020	Tuesday	1600-1730 Hrs	GEE Application Programming Interface: Introduction and Case Studies Demo	Ms. Supriya sharma
02/09/2020	Wednesday	1600-1700 hrs	Hyperspectral Remote Sensing	Mr. Vinay Kumar
		1700-1730 hrs	Interactive Session	
03/09/2020	Thursday	1600-1700 hrs	Demonstration: Image Processing Software	Ms. Minakshi Kumar
		1700-1730 hrs		

  
 Dr. Namdev V. Telore  
 Co-ordinator  
 RSC Outreach Programme  
 Centre: R.S.B. Mahavidyalaya, Aundh, Satara

  
 T/CIPRINCIPAL  
 Raja Shiripatra Bhagwantrao  
 Mahavidyalaya, Aundh (Satara)

Date	Day	Time	Topic	Speaker
			Interactive Session	
04/09/2020	Friday	1600-1700 hrs	Basics of SAR Remote Sensing	Mr. Shashi Kumar
		1700-1730 hrs	Interactive Session	
07/09/2020	Monday	1600-1700 hrs	Basics of SAR Data Processing	Ashish Joshi
		1700-1730 hrs	Interactive Session	
08/09/2020	Tuesday	1600-1700 hrs	Basics of LIDAR Remote Sensing	Dr. Hina Pande
		1700-1730 hrs	Interactive Session	
04/09/2020 07/09/2020 08/09/2020	Friday . Monday & Tuesday	Offline Session	Image Processing Hands-on practice	Self-Practice by participants / Assignment
10/09/2020	Thursday	1600-1700 hrs	Basics of UAV Remote Sensing	Mrs. Shefali Agrawal
		1700-1730 hrs	Interactive Session	
11/09/2020	Friday	1600-1730 hrs	Panel Discussion/Query Session	All the faculty
28/09/2020	Monday Tuesday & Wednesday	9:30 to 1500 Hs	Examination Examination Website: <a href="https://examining.iirs.gov.in">https://examining.iirs.gov.in</a>	As per allotted Slot Details and procedure will be uploaded on below link: <a href="https://www.iirs.gov.in/">https://www.iirs.gov.in/</a> EDUSAT-News



  
**Dr. Namdev V. Telore**  
 Co-ordinator  
 IIRS Outreach Programme, Dehradun  
 Centre: R.S.B. Mahavidyalaya, Aundh, Dist. Satara

  
**RAJA SHRIPATRAO BHAGWANTRAO**  
 Mahavidyalaya, Aundh (Satara)

Indian Institute of Remote Sensing  
Indian Space Research Organisation  
Department of Space, Govt. of India

17/08/2020 - 11/09/2020

65- IRS Outreach Programme on Remote Sensing and Digital Image Analysis

View Student Attendance Attendance Status Study Material Download Certificates

Registration Number	Name	Total Sessions	No. of sessions attended	% of Attendance	Eligibility for Examination/Certificate
2020650341823	DR. NIWRATI POPATWAR	10	10	85.89	Yes
2020650342543	MRS. SEEMA MANIKRAO THORAT	10	10	85.89	Yes

Dr. Namdev V. Telore  
Co-ordinator  
IRS Outreach Programme, Dehradun  
Centre R.S.S. Mahavidyalaya, Amethi, Satara

Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Amethi (Satara)

Indian Institute of Remote Sensing  
Indian Space Research Organisation  
Dept. of Space, Govt. of India,  
4 Hakdase Road, Post Box No. 135,  
Dehradun-248 001, Uttarakhand (India)

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S. No.	RegNo.	Name	DOB	Mobile No.	Email	ID_Proof	Status
1	2020650341823	Niwrati Popatwar	10-04-1972	9422444495	dnrj@kar72@gmail.com	View	Approved
2	2020650342543	Seema Thorat	09-05-1987	9146323880	seemaman9587@gmail.com	View	Approved

Dr. Namdev V. Telore  
Co-ordinator  
IRS Outreach Programme, Dehradun  
Centre R.S.S. Mahavidyalaya, Amethi, Satara

Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Amethi (Satara)

IMPORTANT LINKS  
IRS e-Learning Brochure  
IRS Course Calendar for the Year 2019  
IRS Application Form



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
 भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
 अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



श्री: पीएच कार्के/विद्यालय कार्यक्रम समूह का  
 OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR653232020

संस्थान की सहभागिता का प्रमाण पत्र  
 CERTIFICATE OF PARTICIPATION OF INSTITUTE



यह प्रमाणित किया जाता है कि राजा श्रीपतराव भगवंतराव महाविद्यालय, औंध, सातारा, महाराष्ट्र ने भारतीय सुदूर संवेदन संस्थान, इसरो देहार्दुन द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम " सुदूर संवेदन और डिजिटल छवि विश्लेषण " में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 17 अगस्त, 2020 से 11 सितंबर, 2020 तक किया गया।

This is to certify that Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh, Satara, Maharashtra, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on "Remote Sensing and Digital Image Analysis". This online programme was conducted during August 17, 2020 to September 11, 2020.

दिनांक/ Date: 25-11-2020

केन्द्र/ Dehardun

Dr. Namdev V. Telare

IIRS Outreach Programme, Dehardun  
 Centre: R.S.B.Mahavidyalaya Aundh (Satara)

ग्रुप,  
 विदेशी सहित, सूचना प्रौद्योगिकी एवं दूर शिक्षण विभाग  
 Head, Guest Services, IT & Distance Learning Department, IIRS

ग्रुप प्रमुख,  
 सूचना प्रौद्योगिकी एवं अंतरिक्ष कार्यक्रम समूह

Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

Group Head, Geospatial Technologies & Outreach Programme Group, IIRS  
 Mahavidyalaya, Aundh (Satara)