

Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh, Satara

65th 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 65th 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

Date: 30/11/2019

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

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

To, **Centre Coordinator** (i) Mr. Vinay Kumar (ii) Dr. PS Tiwari **Principal**

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

(Dr. Namdev V. Telore)

Rajawade
T/C PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Satara)

Date: 30/11/2019

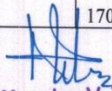
Course Name: Remote Sensing & Digital Image Analysis
 Course Coordinator: Mrs. Minakshi Kumar

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
 RSG Outreach Programme, Aundh
 Centre: R.S.B. Mahavidyalaya, Aundh, Satara


 T/CIPRINCIPAL
 Raja Shripatrao 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: https://elearning.iirs.gov.in	As per allotted Slot Details and procedure will be uploaded on below link: https://www.iirs.gov.in/ EDUSAT-News




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


170 PRINCIPAL
 Raja Shripatrao Bhagwantrao
 Mahavidyalaya, Aundh (Satara)

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

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17/08/2020 - 11/09/2020

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

View Student attendance attendance status Study Material Download Certificates

Attendance Record for Course on Remote Sensing and Digital Image Analysis

Registration Number	Name	Total Sessions	No. of sessions attended	%ge of Attendance	Eligibility for Examination/Certificate
2020650341823	DR. NIWRATI POPATWAR	18	16	88.89	Yes
2020650342043	MRS. SEEMA MANIKRAO THORAT	18	16	88.89	Yes

1:47 PM 06/01/2021

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

R. Shripatrao
I/C PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aunth (Satara)

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S. No.	RegNo.	Name	DOB	Mobile No.	Email	ID_Proof	Status
1	2020650341823	Niwrati Popatwar	10-04-1972	9423444485	drnglanjkar72@gmail.com	View	Approved
2	2020650342043	Seema Thorat	09-05-1987	9146323860	seemamanik9587@gmail.com	View	Approved

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

IMPORTANT LINKS
IIRS e-Learning Brochure
IIRS Course calendar for the Year 2019
IIRS Application Form

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

R. Shripatrao
I/C PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aunth (Satara)



सत्यमेव जयते

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



बहिः परिसर संपर्क/विस्तार कार्यक्रम प्रमाण पत्र
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 देहारादून 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 Bhagwantrao Mahavidyalaya, Aundh, Satara, Maharashtra**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun 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
देहारादून/ Dehradun

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

Dr. Namdev V. Telore

Co-ordinator

IIRS Outreach Programme, Dehradun
Centre: R.S.B. Mahavidyalaya, Aundh, Satara

समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

TO PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Satara)