



RAJA SHRIPATRAO BHAGAWANTRAO MAHAVIDYALAYA, AUNDH, SATARA

Indian Institute of Remote Sensing, ISRO, Govt. of India, Dehradun

Summary report of the Program

Date: 30/04/2022

To,
The Principal,
Raja Shripatrao Bhagawantrao Mahavidyalaya,
Aundh, Satara

I am sending summary report of the Outreach Programme on 97th IIRS Outreach Program "Advanced Geospatial Technologies for Disaster Risk Reduction (DRR)". Please accept it.

1. **Name of the programme:** 97th IIRS Outreach Program "Advanced Geospatial Technologies for Disaster Risk Reduction (DRR)"
2. **Duration:** 18/04/2022 to 29/04/2022
3. **Number of enrolled students:** 06
4. **Name of the Coordinator:** Dr. Telore Namdev Vasant
5. **Name of the Resource Persons:**
 - a) Dr. S. P. Aggarwal, IIRS
 - b) Dr. Subrata Nandy, IIRS
 - c) Dr. Sameer Saran, IIRS
6. **Objective of the programme:**
 1. To know advanced concepts of advanced geospatial technologies.
 2. To know about Disaster Risk Reduction (DRR).
7. **Outcome of the programme:**
 1. Participants became aware advanced concepts of advanced geospatial technologies.
 2. Participants became aware about Disaster Risk Reduction (DRR).

Course Coordinator

Dr. Namdev V. Telore
Co-ordinator

IIRS Outreach Programme, Dehradun

Centre: R.S.B. Mahavidyalaya, Aundh, Dist: Satara

Principal

Principal
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Satara)

IIRS Outreach Programme

The IIRS outreach programme, which was started in 2007 with 12 Universities/ Institutions has now grown substantially to 2900+. The beneficiaries of the programme may include:

- Urban and Regional Planners
- Urban and Regional Planning departments, Civil Engineering department, Architecture department, Geography department in Central/State/Private Universities & Academic Institutions
- Central & State Government Departments
- Research Institutes
- Geospatial Industries
- NGOs

Feedback Mechanism

IIRS has conducted workshops and sessions during IIRS User Interaction Meet to take feedback from participating institutions to improve the quality of future courses.



Feedback session during IIRS Academia Meet (IAM)-2020

Awards and Appreciation

IIRS has received national awards for excellence in training for outreach and e-learning programme during 1st National Symposium on Excellence in Training conducted during April 11-12, 2015 in New Delhi by Department of Personnel & Training (DoPT), Govt. of India in collaboration with United Nations Development Programme (UNDP).



About IIRS

Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organisation (ISRO), Department of Space, Govt. of India is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geoinformatics and GNSS Technology for Natural Resources, Environmental and Disaster Management. Formerly known as Indian Photo-interpretation Institute (IPI), founded in 1966, the Institute boasts to be the first of its kind in entire South-East Asia. While nurturing its primary endeavour to build capacity among the user community by training mid-career professionals, the Institute has enhanced its capability and evolved many training and education programmes that are tuned to meet the requirements of various target groups, ranging from fresh graduates to policy makers including academia.

IIRS also conducts e-learning programme on Remote Sensing and Geo-information Science (<http://elearning.iirs.gov.in>)

Contact Details

C.M.Bhatt
Course Coordinator
Disaster Management Studies Division, IIRS

Dr. Arijit Roy
Course Director & Head
Disaster Management Studies Division, IIRS

IIRS DLP Team

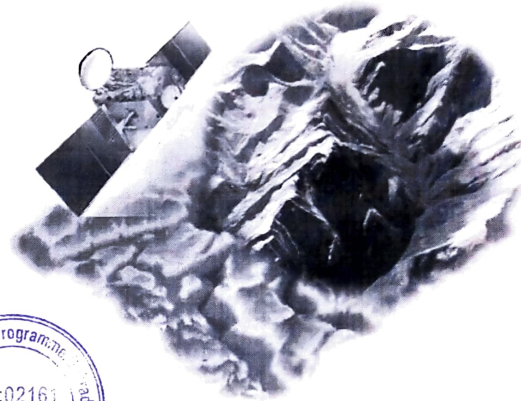
Dr. Poonam S Tiwari
Programme Coordinator
IIRS Outreach Programme

Mr. Janardan Vishwakarma
&

Mr. Ashok Ghildiyal
Technical Officer

Tel: 0135-2524130; email- dip@iirs.gov.in
Indian Institute of Remote Sensing,
Indian Space Research Organisation
Department of Space, Govt. of India,
4-Kalidas Road, Dehradun
Email: dip@iirs.gov.in

Ninety Two IIRS Outreach Programme



Advanced Geospatial Technologies for Disaster Risk Reduction (DRR)

April 18 - 29, 2022



Organised by

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

Dr. Namdev V. Telore
Co-ordinator

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

www.iirs.gov.in

PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Satara)

About the Course

Natural disasters are becoming more frequent and intense across the globe. Enhancing resilience to increasing hazards, exposure, and vulnerability therefore requires leveraging of advanced geospatial technologies for better disaster mitigation and management. With continuous improvements in satellite data sensor acquisition parameters together with geo-computational approaches, geospatial technologies have emerged as the most powerful technology for all phases of disaster management. The course on advanced geospatial technologies for Disaster Risk Reduction (DRR) is scheduled from April 18 - 29, 2022 .

Course Contents

- Overview of remote sensing & Geographic Information System
- Application of satellite communication technology for disaster mitigation
- Overview of UAV for disaster monitoring and mitigation
- Emerging geo computation, online GIS & Geo-web services for DRR
- Advanced application of Geospatial Technologies for Geological Hazards, Hydrological Hazards, Forest Fire Hazards, Drought Hazards, Coastal Hazards, Atmospheric & Pollution Hazards.

Expected Outcome

The workshop is designed for professionals from Central / State Govt. / Private Organizations / NGO engaged in geospatial data analysis related research and projects; students and researchers aligned to research in Disaster Risk Reduction (DRR).

Target Participants

The workshop is designed for professionals from Central / State Govt. / Private Organizations / NGO engaged in geospatial data analysis related research and projects; students and researchers aligned to research in Disaster Risk Reduction (DRR).

Course Study Material

Course study materials like lecture slides, video recorded lectures, open source software & handouts of demonstrations, etc. will be made available through e-class. Video lectures will also be uploaded on e-class (<https://www.eclass.iirs.gov.in/login>).

Course Pre-requisite

Familiarization with Basics of Remote Sensing and GIS.

Course Fee

There is no course fee for attending this programme.



Course Registration

Course updates and other details will be available on URL- <http://www.iirs.gov.in/Edusat-News/>.

- All participants have to register online through registration page available on above web page

Course Funding & Technical Support


The programme is sponsored by IIRS, Indian Space Research Organisation, Department of Space, Government of India, Dehradun

Programme Reception


- Individuals can attend the course live via any web browser through the e-class portal of IIRS, Dehradun i.e. <https://eclass.iirs.gov.in>
- The participants can also attend the live workshop via the YouTube channel of IIRS i.e. <https://www.youtube.com/user/edusat2004>
- The content of the workshop will be available offline after 24 hours in the e-class portal.

Award of Certificate

- All the participants who attend 70% sessions of the course live via e-class portal.
- Participants who attend course sessions via IIRS YouTube channel should mark their attendance via offline session available after 24 hrs.


Dr. Namdev V. Telore
Co-ordinator

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


Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Satara)



97th IIRS Outreach Program

“Advanced Geospatial Technologies for Disaster Risk Reduction (DRR)”


April 18 - 29, 2022


Timing 1600 to 1730 Hours

Workshop Schedule:

Date	Topic	Resource Person
18/4/2022	Overview of remote sensing sensors and platforms	Dr. Hina Pande
19/4/2022	Application of UAV in disaster response	Mrs. Shefali Aggarwal
20/4/2022	Geocomputation, Online GIS and Geo-web services for DRR	Dr. Harish Karnatak
21/4/2022	Role of machine learning techniques for disaster management	Dr. Anil Kumar
22/4/2022	Role of GPS & GNSS in disaster management	Dr. Ashutosh Bhardwaj
25/4/2022	Advanced geoinformatic tools for forest fire management	Dr. Arijit Roy
26/4/2022	Application of DInSAR for disaster management	Sh. Hari Shanker
27/4/2022	Application of advanced geospatial tools for urban hazards	Dr. Pramod Kumar
28/4/2022	Advanced geoinformatic tools for GLOF hazards	Dr. Praveen Thakur
29/4/2022*	Advanced geoinformatic tools for flood hazard management	Sh.C.M.Bhatt
29/4/2022	Wrap Up Session	All Faculty

* 1530 Hrs to 1630 Hrs


PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Satara)


Dr. Mamdev V. Telore
Coordinator
IIRS Outreach Programme, Dehradun
Centre: R.S.B. Mahavidyalaya, Aundh, Dist. Satara



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



E-CLASS
ELECTRONIC COLLABORATIVE LEARNING
AND KNOWLEDGE SHARING SYSTEM



97- IIRS Outreach Programme on Advanced Geospatial technologies for Disaster Risk Reduction (DRR)

View Student

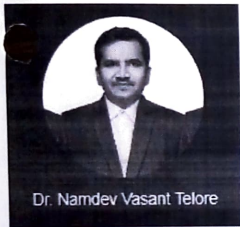
Attendance

Attendance Status

Study Material

Download Certificates

Download Certificates



Ongoing Courses

Live Lecture

Offline Session

Past Courses

Future Courses

Update Student Records

Show 10 entries Search:

S.No.	Registration Number	Name	email	Certificate
1	2022971510520	Mr. Rohan Hanmant Jadhav	rhjadhav2001@gmail.com	
2	2022971511691	Mr. SALIM RASUL MULLA	salimmulla303@gmail.com	
3	2022971512021	Mr. Phadtare Ramesh pandurang	rameshp1062001@gmail.com	
4	2022971512027	Mr. Chaitanya Vitthal Yewale	chaitanyayewale0@gmail.com	
5	2022971512031	Mr. Dilawar Lala mulani	dilawarmulani59@gmail.com	
6	2022971512388	Ms. Rajashri Rajendra Jadhav	rajashjadhav19@gmail.com	

Shardan
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Raja Shripatrao Bhagwantrao
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Ntore
Dr. Namdev V. Telore
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IIRS Outreach Programme, Aundh
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INDIAN INSTITUTE OF REMOTE SENSING
 Indian Space Research Organisation
 Department of Space, Govt. of India



E-CLASS
 ELECTRONIC COLLABORATIVE LEARNING
 AND KNOWLEDGE SHARING SYSTEM



Dr. Namdev Vasant Telore

Ongoing Courses

Live Lecture

Offline Session

Past Courses

Future Courses

Update Student Records

<https://eclasscms.iirs.gov.in/onlineSession>

97- IIRS Outreach Programme on Advanced Geospatial technologies for Disaster Risk Reduction (DRR)

- View Student
- Attendance
- Attendance Status
- Study Material
- Download Certificates

Students Record

Show 10 entries Search

S.No.	RegNo.	Name	Email ID	Profession	Qualification	Subjects	Passing Year	ID Proof	Status
1	2022971511691	SALIM RASUL MULLA	salimmulla303@gmail.com	Unemployed	Post Graduation	GEOGRAPHY	2013	View	Approved
2	2022971512021	Phadtare Ramesh pandurang	rameshp1062001@gmail.com	Student	Pursuing Graduation	Geog	2021	View	Approved
3	2022971512027	Chaitanya Vitthal Yewale	chaitanyayewale0@gmail.com	Student	Pursuing Graduation	Geography	2022	View	Approved
4	2022971512031	Dilawar Lala mulani	dilawarmulani59@gmail.com	Student	Pursuing Graduation	Geography	2022	View	Approved
5	2022971510520	Rohan Hanmant Jadhav	rhjadhav2001@gmail.com	Student	Pursuing Graduation	Geography	2021	View	Approved
6	2022971512388	Rajashri Rajendra Jadhav	rajashijadhav19@gmail.com	Student	Graduation	Geography	2022	View	Approved

Shripradhu
PRINCIPAL
 Raja Shripratrao Bhagwantrao
 Mahavidyalaya, Aundh (Satara)

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



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



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बहिः परिसर संपर्क/विस्तार कार्यक्रम प्रमाण पत्र
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

संस्थान की सहभागिता का प्रमाण पत्र
CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि राजा श्रीपतराव भगवंतराव महाविद्यालय, औंध, जि. सातारा, महाराष्ट्र ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम आपदा जोखिम न्यूनीकरण (डीआरआर) हेतु उन्नत भू-स्थानिक प्रौद्योगिकियाँ में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 18 अप्रैल, 2022 से 29 अप्रैल, 2022 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 Dehradun on **Advanced Geospatial technologies for Disaster Risk Reduction (DRR)**. This online programme was conducted during April 18, 2022 to April 29, 2022

दिनांक/ Date: 19-05-2022
देहरादून/ Dehradun

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

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

Dr. Namdev V. Telore

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Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh, Satara

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

नामांकन सं. / Enrolment No. : 2022971512388



CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणपत्र

MS. RAJASHRI RAJENDRA JADHAV

को " आपदा जोखिम न्यूनीकरण (डीआरआर) हेतु उन्नत भू-स्थानिक प्रौद्योगिकियाँ "

में ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 18 अप्रैल, 2022 से 29 अप्रैल, 2022 (कुल पाठ्यक्रम की अवधि = 15 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एम नोडल केंद्र- राजा श्रीपतराव भगवतराव महाविद्यालय, औंध, जि. सातारा, महाराष्ट्र)

THIS CERTIFICATE IS

AWARDED TO

MS. RAJASHRI RAJENDRA JADHAV

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

"Advanced Geospatial technologies for Disaster Risk Reduction (DRR)"

THIS ONLINE COURSE WAS CONDUCTED DURING **18-04-2022 to 29-04-2022** (Total course duration was = 15 hours).


(Concerned IIRS Nodal Centre- **Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh, Satara, Maharashtra**)

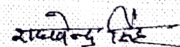
Date: 11-05-2022

Place: Dehradun

UID- 0df65dfb7a26c2326125a85f6362560. This Certificate can be validated using URL - <https://certificatevalidation.iirs.gov.in/>

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/Institution


Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Satara)


निदेशक / Director

आई.आई.आर.एम, देहरादून / IIRS, Dehradun


Dr. Namdev V. Telore

Co-ordinator

Outreach Programme, Dehradun
R.S.B. Mahavidyalaya, Aundh, Dist. Satara