

36th IIRS Outreach Programme on 'Basics of Remote Sensing, Geographical Information System and GNSS' sponsored by NNRMS and organized by IIRS/ ISRO, Dept. of Space, Govt. of India, Dehradun 04/09/2018 to 16/11/2018

RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH, SATARA

Indian Institute of Remote Sensing, ISRO, Dehradun
Department of Space, Government of India
SUMMARY REPORT OF PROGRAM

Date: 16/12/2018

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

I am submitting summary report of Outreach Programme. Please accept it.

1. Name of Programme: **Basic of RS, GIS & GNSS**

2. Duration: **04/09/2018 to 16.11.2018**

Total Days: 74

3. Number of enrolled students: **15**

4. Name of Coordinator: **Dr. Telore Namdev Vasant**

5. Name of Resource Persons: i) Ms. Manu Mehta
iii) Dr. Hina Pande

ii) Dr. Poonam S Tiwari

6. Objectives of the Programme:

- i. To know concepts of Remote Sensing.
- ii. To know concepts of GIS.
- iii. To study concepts of GNSS.

7. Outcome of the Programme:

- i. Participants become aware of Remote Sensing concepts and its applications.
- ii. Participants become aware of GIS techniques and its applications.
- iii. Participants become aware of GNSS and its applications.

Centre Coordinator


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

Principal


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





Announcement Brochure

IIRS Outreach Programme

**Basics of Remote Sensing, Geographical Information System and
Global Navigation Satellite System**

August 20- November 16, 2018

Organised by

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

<http://www.dlp.iirs.gov.in>



Course Announcement

IIRS announces four courses commencing from August 20th, 2018. The courses are available as a Basic comprehensive course or as individual modules.

- ❖ Basics of Remote Sensing, GIS and GNSS (20/08/2018 to 16/11/2018): Comprehensive course consisting of above three courses.
- ❖ Remote Sensing and Digital Image Analysis (20/08/2018 to 14/9/2018): Basic Principles of Remote Sensing, Earth Observation Sensors and Platforms, Spectral Signature of different land cover features, Image Interpretation, Thermal & Microwave Remote Sensing, Digital Image Processing- Basic Concepts of Rectification and Registration, Enhancement, Classification and accuracy assessment techniques.
- ❖ Global Navigation Satellite System and Geographical Information System (17/09/2018 to 26/10/2018): Introduction to GPS and GNSS, receivers, processing methods, errors and accuracy, GIS, databases, topology, spatial analysis and open source software.
- ❖ RS and GIS Applications (29/10/2018 to 16/11/2018): Agriculture and Soil, Forestry and Ecology, Geoscience and Geo-hazards, Marine and Atmospheric Sciences, Urban and Regional Studies and Water Resources.

The participants can register for individual module of their choice or the entire certificate course

Target Participants

- ❖ Student of Undergraduate and Postgraduate courses (any year)
- ❖ Technical/ Scientific Staff of Central/ State Government Ministries/ Departments
- ❖ Faculty / Researchers at university / Institutions

Course Study Material

Course study materials such as lecture slides, video recorded lectures, open source software, data & handouts of demonstrations, etc., will be made available through IIRS ftp link (<ftp://ftp.iirs.gov.in>)
Video lectures will also be uploaded on YouTube Channel (<http://www.youtube.com/user/edusat2004>)

Course Fee

There is no course fee.

Course Registration

Course updates and other details will be available on URL- <http://elearning1.iirs.gov.in>

- ❖ To participate in the program, organizations/universities/departments/ institutes have to identify a Coordinator at their end. The coordinator is required to register his/her institute as nodal centre at: (https://elearning1.iirs.gov.in/edusat_lms/cordinator_registration.php)
- ❖ All the participants have to register online through registration page (https://elearning1.iirs.gov.in/edusat_lms/student_registration.php) by selecting his/her organization as nodal centre
- ❖ The Coordinator is required to approve the participants from his/her institute for each course

Course Funding & Technical Support

The programme is sponsored by Indian Space Research Organization, Department of Space, Government of India and is conducted with due technical support from Amrita Virtual & Interactive E-learning World (A-VIEW).

Programme Reception

Programme can be received through Internet connectivity of 2Mbps or better. Following hardware and software set-up is required at user end:

आर्य समाज
वैदिक विश्वविद्यालय
आर्य समाज, दिल्ली
www.aryasamaj.org



THIRTY SIX IIRS Outreach Programme
On
Basic of RS, GIS & GNSS

| Sl No. | Module Name | From | To |
|--------|-------------------------|------------|------------|
| 1 | Basic of RS, GIS & GNSS | 04-09-2018 | 16-11-2018 |

September, 2018

Dr. Namdev V. Telere
Co-ordinator
IIRS Outreach Programme, Ushratola
Centre: R.S. & Mahavidyalaya, Aurangabad, Dist. Jalgaon

| | | | | |
|-----------|-----------|---------------|--|-------------------|
| 22 Oct 18 | Monday | 1600-1730 hrs | Uncertainty in GIS and Error Propagation | Shri Hari Shastri |
| 23 Oct 18 | Tuesday | 1600-1730 hrs | 3D GIS, City Models and Applications | Dr. Sameer Saran |
| 24 Oct 18 | Wednesday | 1600-1730 hrs | BREAK | |
| 25 Oct 18 | Thursday | 1600-1730 hrs | Recent Trends in Geoinformation | Dr. Sameer Saran |
| 26 Oct 18 | Friday | 1600-1730 hrs | Panel Discussion of Module 2 | All Faculty |

Note: RS & GIS Applications Module and Course schedule will be updated soon.

36th Course Consist 03 Module

- 1- Remote Sensing & Digital Image Analysis
- 2- Global Navigation Satellite System and Geographical Information System
- 3- RS & GIS Applications

There will be 03 exam for Basic of RS, GIS & GNSS

And a single exam for Course no. 37,38 and 39th course

| Sl No | Exam Name | Exam Date |
|-------|---|--------------------------|
| 1- | Online Examination 36 th Course on Module1 <i>Remote Sensing & Digital Image Analysis</i> | 24 Sept 2018 |
| 2- | Online Examination 37 th Course on <i>Remote Sensing & Digital Image Analysis</i> | 24 Sept 2018 |
| 3- | Online Examination Module- 2 Global Navigation Satellite System and Geographical Information System | Will be informed shortly |
| 4- | Online Examination of 38 th Course on Global Navigation Satellite System and Geographical Information System | Will be informed shortly |
| 5- | Online Examination Module- 3 Course on <i>RS & GIS Applications</i> | Will be informed shortly |
| 6- | Online Examination of 39 th Course on <i>RS & GIS Applications</i> | Will be informed shortly |

Indian Institute of Remote Sensing / ISRO

36th Outreach Course on Remote Sensing, GIS & GNSS (4th Sept. to 10 Nov. 2018)

| S.No. | RegNo. | Name | Mobile No. | Email |
|-------|-------------|--------------------|------------|------------------------------|
| 1 | 20183657279 | Nilam Kumbhar | 7350763505 | kumbharNilam751@gmail.com |
| 2 | 20183657276 | Jayashri Shinde | 7517945129 | jayashrishinde282@Gmail.com |
| 3 | 20183656913 | Aishawarya Mahadik | 9763949366 | aishwaryanmahadik4@Gmail.com |
| 4 | 20183656900 | Pranali Gayakwad | 7420005223 | pranali14698@Gmail.com |
| 5 | 20183656881 | Shrutika Yewale | 7350407412 | shrutikabyewale7@Gmail.com |
| 6 | 20183656835 | Nikhil Bhandare | 7775857163 | nikhilbhandare3@gmail.com |
| 7 | 20183655706 | Kajal Gharge | 8805214595 | kajal.gharge01@gmail.com |
| 8 | 20183655704 | Prajakta Gharge | 9552548926 | prajaktagharge122@Gmail.com |
| 9 | 20183654112 | Sarika Yadav | 7350430935 | sarikayadav256@gmail.com |
| 10 | 20183653212 | Amruta Otari | 9766533179 | amrutaotari2025@gmail.com |
| 11 | 20183653210 | Priyanka Pawar | 9075271011 | priyankarapawar03@gmail.com |
| 12 | 20183653207 | Dhananjay Mahamuni | 7758828302 | dmahamuni533@gmail.com |
| 13 | 20183653206 | Sonali Amale | 9552649816 | sonaliamale81@gmail.com |
| 14 | | Pooja Sarnobat | | |
| 15 | | Rohit Jadhav | | |


T/C PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (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



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

COR363232019

समन्वय का प्रमाणपत्र
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि राजा श्रीपतराव भगवंतराव महाविद्यालय, औंध, महाराष्ट्र कार्यरत डॉ नामदेव वसंत तेलोरे, ने 'रिमोट सेन्सिंग, जीआईएस और जीएनएसएस के मूलभूत सिद्धांत' विषय पर इस संस्थान द्वारा दिनांक 04 सितम्बर, 2018 से 26 नवंबर, 2018 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **DR. NAMDEV VASANT TELORE**, working with **Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh, Maharashtra**, has coordinated the online training course on "Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System" conducted by this institute during September 04, 2018 to November 26, 2018.

दिनांक/ Date: 29-01-2019
देहरादून/ Dehradun

प्रमुख,
नियोजन 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

Raja Shripatrao Bhagawantrao
Raja Shripatrao Bhagawantrao
Mahavidyalaya, Aundh (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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