



MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE

Affiliated to Savitribai Phule Pune University, Re-Accredited by NAAC with "A" Grade
ISO 9001:2015 Certified, Awarded as Best College by Savitribai Phule Pune University
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Date:-29/09/2022

IIRS ISRO Nodal Center

**Report on
Certificate Course of
"Fundamentals of Remote Sensing and GIS Technology (Course in Hindi)".
Held online during 14th September to 28th September 2022.**

Overview:

The Fundamentals of Remote Sensing and Geographic Information Systems (GIS) Technology (Course in Hindi) Certificate Course was conducted by the IIRS ISRO MMCC Nodal Center during 14th Sept. to 28th Sep. 2022. The course aimed to provide participants with a comprehensive understanding of remote sensing principles, GIS applications, and their integration for various environmental and geospatial analyses.

Objectives:

- To introduce participants to the basic principles and concepts of remote sensing.
- To familiarize participants with the fundamentals of Geographic Information Systems (GIS).
- To demonstrate the integration of remote sensing and GIS for spatial analysis and decision-making.
- To provide hands-on experience with popular remote sensing and GIS software tools.

Participants:

A total of 10 students have successfully completed the course.

Course Content:

The course curriculum was structured to cover the following topics:

- Introduction to Remote Sensing
- Remote Sensing Platforms and Sensors
- Image Interpretation Techniques
- Basics of GIS and Spatial Data
- Data Acquisition and Pre-processing
- Spatial Analysis and Modeling
- Applications of Remote Sensing and GIS
- Hands-on Training with Software Tools (e.g., ArcGIS, QGIS, ENVI, ERDAS Imagine)

Methodology:

The course employed a combination of lectures, practical demonstrations, hands-on exercises, and interactive sessions to facilitate learning. Participants were provided with study materials, software tutorials, and datasets to reinforce their understanding. Experts from ISRO were to provide insights into real-world applications and advancements in remote sensing and GIS technology.

Outcomes:

Upon completion of the course, participants gained a solid foundation in remote sensing principles, GIS techniques, and their integration for spatial analysis. They developed practical skills in handling remote sensing data, performing geospatial analyses, and generating meaningful outputs for decision support. The hands-on training sessions equipped them with the necessary proficiency in using popular software tools for remote sensing and GIS applications.

Conclusion:

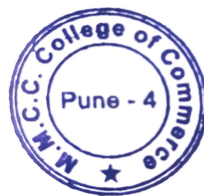
The Fundamentals of Remote Sensing and GIS Certificate Course conducted by the IIRS ISRO Nodal Center proved to be a valuable learning experience for participants, empowering them with knowledge and skills essential for tackling diverse environmental and geospatial challenges. The course received positive feedback from attendees, highlighting its relevance, comprehensiveness, and practical applicability in their respective fields.



Dr. Sandip Anpat
Coordinator, IIRS ISRO Nodal Center



Dr. Devidas Golhar
Principal



IIRS ISRO Nodal Center
Certificate Course of
“Fundamentals of Remote Sensing and GIS Technology (Course in Hindi)”.
Held online during 14th September to 28th September 2022.

Participant List

Sr. No.	Name of the Student
1	Mr. Omkar Milind Kulkarni
2	Janhavi Kishor Rathod
3	Anushka Vijay Shinde
4	Siddhi sonawane
5	Prem Santosh Sable
6	Shubham Ramdas Zende
7	Ganesh harkal
8	Isha Chaudhari
9	Virendra Vivek Ingale
10	Tejas Chavan

Dr.Sandip Anpat
Coordinator, IIRS ISRO Nodal Center

Dr. Devidas Golhar
Principal



नामांकन सं. / Enrolment No. : 20221061625169

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणपत्र

Mr. Omkar Milind Kulkarni

को “ सुदूर संवेदन एवं जीआईएस प्रौद्योगिकी के अनुप्रयोग ”

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

इस ऑनलाइन पाठ्यक्रम का आयोजन 14 सितंबर, 2022 से 28 सितंबर, 2022 (कुल पाठ्यक्रम की अवधि = 25 घंटे 30 मिनट) के दौरान किया गया।


(संबन्धित आई.आई.आर.एस नोडल केंद्र- मराठवाड़ा मित्र मंडल कॉलेज ऑफ कॉमर्स, डेक्कन जिमखाना, पुणे)

Date: 13-10-2022

Place: Dehradun

UID- d5e245aab87f004749157aa8b0e296ef .This Certificate can be validated using URL- <https://certificate.iirs.gov.in>

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution


निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun



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



ऑनलाइन दूरस्थ अधिगम कार्यक्रम
ONLINE DISTANCE LEARNING PROGRAMME

COR202210613975

समन्वय का प्रमाणपत्र
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि **मराठवाड़ा मित्र मंडल कॉलेज ऑफ कॉमर्स, डेक्कन जिमखाना, पुणे** कार्यरत **???** **संदीप एम. अनपत**, ने **सुदूर संवेदन एवं जीआईएस प्रौद्योगिकी के अनुप्रयोग** विषय पर इस संस्थान द्वारा दिनांक 14 सितंबर, 2022 से 28 सितंबर, 2022 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **DR. SANDIP M. ANPAT**, working with **Marathwada Mitra Mandal`s College of Commerce, Deccan Gymkhana, Pune**, has coordinated the online training course on **Fundamentals of Remote Sensing & GIS Technology (Course in Hindi)** conducted by this institute during September 14, 2022 to September 28, 2022

दिनांक/ Date: 12-10-2022
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



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



COR202210613975

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 **मराठवाड़ा मित्र मंडल कॉलेज ऑफ कॉमर्स, डेक्कन जिमखाना, पुणे** ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम **सुदूर संवेदन एवं जीआईएस प्रौद्योगिकी के अनुप्रयोग** में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 14 सितंबर, 2022 से 28 सितंबर, 2022 तक किया गया।

This is to certify that **Marathwada Mitra Mandal's College of Commerce, Deccan Gymkhana, Pune**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on **Fundamentals of Remote Sensing & GIS Technology (Course in Hindi)**. This online programme was conducted during September 14, 2022 to September 28, 2022

दिनांक/ Date: 12-10-2022
देहारादून/ Dehradun

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
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