

**Online Training Programme**  
**on**  
**“Remote Sensing and Digital Image Analysis”**  
**in**  
**collaboration with IRS, ISRO Dehradun**  
**from**  
**25<sup>th</sup> August 2025**  
**and**  
**19<sup>th</sup> September 2025**



"Dissemination of Education for Knowledge, Science and Culture"  
-Shikshanmaharshi Dr. Bapuji Salunkhe



Shri Swami Vivekanand Shikshan Sanstha's  
**Vivekanand College, Kolhapur**

(AN EMPOWERED ATONOMOUS INSTITUTE)

**INTERNAL QUALITY ASSURANCE CELL**

Academic Year 2025-26

**Quality Initiatives/ Activities Report**

- 1. Name of Department:** Computer Science
- 2. Name of Organized Activity:** Online Training Programme on "Remote Sensing and Digital Image Analysis"
- 3. Name of the Resource Institute:** IIRS, ISRO Dehradun
- 4. Date/ Duration:** 25th August 2025 and 19th September 2025
- 5. Aims and Objectives:**
  - To provide foundational and advanced knowledge of remote sensing technologies and their applications in digital image analysis.
  - To familiarize participants with the use of satellite data, image processing techniques, and relevant software tools for geospatial analysis.
  - To enhance participants' capability to apply remote sensing and digital image interpretation skills in research and real-world problem-solving.
- 6. No. of beneficiaries:** Male: 2  
Female: - 8  
Total: - 10
- 7. Expenditure & funding agency:** - ----
- 8. Brief description:**

The Department of Computer Science organized an online training programme titled "*Remote Sensing and Digital Image Analysis*" in collaboration with the Indian Institute of Remote Sensing (IIRS), ISRO Dehradun. The programme, conducted from 25<sup>th</sup> August to 19<sup>th</sup> September 2025, aimed to equip students and faculty with essential knowledge of remote sensing concepts, image processing techniques, and geospatial data applications. The sessions included interactive lectures, demonstrations, and hands-on exercises using remote sensing datasets and software tools. Participants benefited from expert guidance provided by IIRS scientists, gaining practical insights into applying remote sensing technologies in interdisciplinary research and applications.

## 9. Outcomes:

- Participants gained a clear understanding of remote sensing principles, digital image processing techniques, and geospatial data handling.
- Students got knowledge about to process, analyze, and interpret satellite imagery using specialized software tools.
- The programme will strengthen participants' research and project development skills in areas such as environmental monitoring, urban planning, and resource management.



**CO-ORDINATOR**  
**M.Sc.(COMPUTER SCIENCE)**  
**VIVEKANAND COLLEGE, KOLHAPUR**  
**(EMPOWERED AUTONOMOUS)**

"Dissemination of Education for Knowledge, Science and Culture"  
-Shikshanamaharshi Dr. Bapuji Salunkhe



Shri Swami Vivekanand Shikshan Sanstha's  
**VIVEKANAND COLLEGE, KOLHAPUR**  
(An Empowered Autonomous Institute)  
Department of Computer Science




165-IIRS Outreach Program on  
"Remote Sensing and Digital Image Analysis"

25 August 2025 to 19 September 2025

Enrolment and Attendance status

Sr. No.	Enrolment No.	Name	Profession	Subject	Status
1	20251652839556	Manisha Jalindar Pawar	Working Professional	Computer Science	Approved
2	20251652839560	Divya Vishnu pujari	Post Graduate Student	Computer science	Approved
3	20251652776851	MAHESH PARASHARAM PATIL	Working Professional	COMPUTER SCIENCE	Approved
4	20251652839589	Najiya Mujawar	Post Graduate Student	Computer science	Approved
5	20251652776899	Pradnya Arun Mali	Post Graduate Student	Computer Science	Approved
6	20251652776901	Supriya Krishnat Kumbhar	Post Graduate Student	Computer Science	Approved
7	20251652776973	Prasad Shirrang Mengane	Post Graduate Student	Computer Science	Approved
8	20251652776975	Sanika Ananda Patil	Post Graduate Student	Computer Science	Approved
9	20251652776982	Tejaswini Tanaji Sonalkar	Post Graduate Student	Computer sciences	Approved
10	20251652839467	AUNDHAKAR SONAL VIJAY	Working Professional	Computer Science	Approved



  
Dr. V. B. Waghmare  
Co-ordinator  
CO-ORDINATOR  
M.Sc.(COMPUTER SCIENCE)  
VIVEKANAND COLLEGE, KOLHAPUR  
(EMPOWERED AUTONOMOUS)



**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**



COR2025165773

शक्ति: परीक्षा संकेत/ विद्या संस्कृतम् प्रमाण पत्र  
**OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME**

संस्थान की सहभागिता का प्रमाण पत्र  
**CERTIFICATE OF PARTICIPATION OF INSTITUTE**

यह प्रमाणित किया जाता है कि विवेकानन्द कॉलेज, कोल्हापुर ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम रिमोट सेंसिंग और डिजिटल इमेज विश्लेषण में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 2025-08-25 से 2025-09-19 तक किया गया।

This is to certify that **Vivekanand College, Kolhapur**, 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 25, 2025 to September 19, 2025

*Signature*



दिनांक/ Date: 22-10-2025  
 देहरादून/ Dehradun  
 प्रमुख,  
 डिजिटल सर्विसेज, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग  
 Head, Geoweb Services, IT & Distance Learning Department, IIRS

*Signature*

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

नामांकन सं. / Enrolment No.: 20251652776901



## CERTIFICATE OF MERIT ONLINE COURSE

यह प्रमाणपत्र

MS. SUPRIYA KRISHNAT KUMBHAR

को "रिमोट सेंसिंग और डिजिटल इमेज विश्लेषण।"

में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 2025-08-25 से 2025-09-19 (कुल पाठ्यक्रम की अवधि = 16 घंटे) के दौरान किया गया।

(संयोजित आई आई आर एस नोडल केंद्र- विवेकानंद कॉलेज, कोल्हापुर)

**THIS CERTIFICATE IS**

**AWARDED TO**

MS. SUPRIYA KRISHNAT KUMBHAR

ON COMPLETION OF THE ONLINE COURSE ON

"Remote Sensing and Digital Image Analysis."

**THIS ONLINE COURSE WAS CONDUCTED DURING 25 August 2025 to 19 September 2025 (Total course duration = 16 hrs).**

(Concerned IIRS Nodal Centre- Vivekanand College, Kolhapur)

Online Exam Grade: A+

Attendance: 100 %

Date: 22-10-2025

Place: Dehradun

UID-

UID: 416021316376e61d098065e6b939c. This Certificate can be validated using URL- <https://certification.isro.gov.in>





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



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



नामांकन सं. / Enrolment No.: 20251652776975



## CERTIFICATE OF MERIT ONLINE COURSE

यह प्रमाणपत्र

MS. SANIKA ANANDA PATIL

को " रिमोट सेंसिंग और डिजिटल इमेज विश्लेषण । "

में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है ।

इस ऑनलाइन पाठ्यक्रम का आयोजन 2025-08-25 से 2025-09-19 ( कुल पाठ्यक्रम की अवधि = 16 घंटे ) के दौरान किया गया ।

(संस्थित आई.आई.एस.एल नोडल केंद्र - विवेकानंद कॉलेज, कोल्हापुर)

**THIS CERTIFICATE IS**

**AWARDED TO**

MS. SANIKA ANANDA PATIL

ON COMPLETION OF THE ONLINE COURSE ON

"Remote Sensing and Digital Image Analysis."

**THIS ONLINE COURSE WAS CONDUCTED DURING 25 August 2025 to 19 September 2025 (Total course duration = 16 hrs).**


(Concerned IIRS Nodal Centre- Vivekanand College, Kolhapur)

Online Exam Grade: A  
Attendance: 100 %

Date: 22-10-2025  
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution



  
निदेशक/ Director

आई.आई.एस. देहरादून/ IIRS, Dehradun

नामांकन सं. / Enrolment No.: 20251652776899



## CERTIFICATE OF MERIT ONLINE COURSE

यह प्रमाणपत्र

MS. PRADNYA ARUN MALI

को "रिमोट सेंसिंग और डिजिटल इमेज विश्लेषण।"

में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 2025-08-25 से 2025-09-19 (कुल पाठ्यक्रम की अवधि = 16 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.एस.एन. नोडल केंद्र - विवेकानन्द कॉलेज, कोल्हापुर)

**THIS CERTIFICATE IS**

**AWARDED TO**

MS. PRADNYA ARUN MALI

ON COMPLETION OF THE ONLINE COURSE ON

"Remote Sensing and Digital Image Analysis."

**THIS ONLINE COURSE WAS CONDUCTED DURING 25 August 2025 to 19 September 2025 (Total course duration = 16 hrs).**

(Concerned IIRS Nodal Centre- Vivekanand College, Kolhapur)

Online Exam Grade: A

Attendance: 100 %

Date: 22-10-2025

Place: Dehradun

UID-

651c300526745710579478176b470eb3. This Certificate can be validated using URL- <https://certificate-validation.issro.gov.in>



समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution



निदेशक/ Director

आई.आई.एस.एन. देहरादून/ IIRS, Dehradun