

# REPORT

## IIRS(Indian Institute of Remote Sensing) by ISRO (Indian Space Research Organization)

### Online course

#### What is IIRS online course?

Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organization, Department Of Space, and Govt. of India is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geo-informatics and GPS Technology for Natural Resources, Environmental and Disaster Management.

#### Scope of the course

IIRS is the only institute for the last 40 years since its establishment has offered courses according to the changing user needs and it is only one of its kind in India where courses are conducted at various levels. Over the years the institute has trained around 6000 students from India and Abroad. The institute has 50 professionals, most of them with doctoral degree and the remaining with postgraduate in science/ engineering, well trained at ITC, Netherlands and responsible for capacity building in education and training.

#### Course Scheduled

Modules	Name of the course
01	Basic Remote Sensing GIS and GNSS
02	Remote Sensing and Digital Image Analysis
03	Hyperspectral Remote Sensing and Its Application
04	Overview of Remote Sensing and GIS Application on Natural Resource

#### Student's registration details for IIRS course

Sl. No	Academic year	Number of courses	Number of students
01	2016-17	03	85
02	2017-18	04	120
03	2018-19	02	60
04	2019-20	02	30
05	2020-21	01*	45

## **Coordinator information**

RakeshPatil  
Department of Civil Engineering  
8147861076  
Rakeshpatil1434@gmail.com

## **Place of conducting online class**

Civil Engg. Department Engineering Geology Lab no 03  
Timing Monday to Friday 04:00 to 04:45pm

## **Outcomes of the course**

- The students were able to understand how to use satellite images and understand concept of satellite study & Remote Sensing.
- The students were made aware of different commands such as Remote Sensing and its applications.
- Study of some different uses about IIRS other than their regular syllabus.

## **Benefit for the students**

- It's something different than their syllabus.
- Certificate will be issued by the ISRO (Indian Space Research organization).
- Certificate will be help to build up their RESUME.

Report Submitted by

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**PROGRAMS TO OFFERED**

image statistics

Basics of Remote Sensing and GIS

Global Navigation System

The course will start from 28th Sept 2020  
It's a free course for Vdit students/faculty



**KARNATAK LAW SOCIETY'S  
VISHWANATHRAO DESHPANDE  
INSTITUTE OF TECHNOLOGY, HALIYAL**  
DIST: Uttar Kannada. KARNATAKA - INDIA




**Indian Institute of Remote Sensing  
Outreach Program  
at  
VDIT**



**Who can apply for the course**  
Engineering students from any branch and faculty members

**Registration link**  
<https://elearning.iirs.gov.in/edusatregistration/student>  
Select course as 68<sup>th</sup> Geographical Information System.  
Select institute as KLS Vishwanathrao Institute of Technology.  
Any queries contact Prof. Rakesh P 8147861076

Certificate will be issued after completion of the course from ISRO (IIRS)

It's a exclusive courses for only Vdit students

Coordinator  
Prof. Rakesh Patil

HOD  
Prof. C K Sridhar

Vice-Principal  
Dr. V A Kulkarni

Principal  
Dr. V V Katti

Course conducted on IIRS outreach program on 28<sup>th</sup> sept 2020.



**COURSES OFFERED**

image statistics

Basics of Remote Sensing and GIS

Global Navigation System

The course will start from 05th July 2021  
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**Indian Institute of Remote Sensing  
Outreach Program  
at  
KLS Vishwanathrao Deshpande  
Institute of Technology**  
(www.klsvdit.edu.in)



**Who can apply for the course**  
Engineering students from any branch and faculty members

**Registration link**  
<https://elearning.iirs.gov.in/edusatregistration/student>  
Select course as 82<sup>nd</sup> Machine learning to deep learning in GIS.  
Select institute as KLS Vishwanathrao Institute of Technology.  
Any queries contact Prof. Rakesh P 8147861076

Certificate will be issued after completion of the course from ISRO (IIRS)

Courses are exclusively for only Vdit Staff and students

IIRS Coordinator  
Prof. Rakesh Patil

Principal  
Dr. V A Kulkarni

Course conducted on IIRS outreach program on 06<sup>th</sup> July 2021.