



Dempo Charities Trust's

DHEMPE COLLEGE OF ARTS & SCIENCE
Miramar, Panaji-Goa

Certificate Course in Remote Sensing and GIS

CourseObjective:

To acquaint student with basic satellite image interpretation and analysis

CourseContents:

MODULE ONE: Introduction to Remote Sensing, Electro Magnetic Radiations and their interference with Earth's surface and atmosphere, satellites, orbits, sensors, resolutions (spatial, spectral, radiometric, temporal) and image processing, Introduction to Geographic Information System.

MODULE TWO: Utilizing GIS software packages, importing raster and vector images, Georeferencing raster and vector images. Creating new vector layers (point, line or polygon), Classification by attribute, preparation of maps.

Course outcome:

Understand the principles behind remote sensing techniques

Use of geographic information system software

Importing and editing files, georeferencing and map making

Creating vector layers and classification by attributes

References:

Certificate course in Remote Sensing and GIS
2017-18
Attendance


Sr. No.	Names of students	07-05-2018	08-05-2018	09-05-2018	10-05-2018	11-05-2018	12-05-2018
1	Sanjeel Dhuri						
2	Swapna Chavan	<i>Swapna</i>	<i>Swapna</i>	<i>Swapna</i>	<i>Swapna</i>	<i>Swapna</i>	<i>Swapna</i>
3	Harshada Pawar	<i>Harshada</i>	<i>Harshada</i>	<i>Harshada</i>	<i>Harshada</i>	<i>Harshada</i>	<i>Harshada</i>
4	Simran Mulla	<i>Simran</i>	<i>Simran</i>	<i>Simran</i>	<i>Simran</i>	<i>Simran</i>	<i>Simran</i>
5	Vedant Sawant	<i>Vedant</i>	<i>Vedant</i>	<i>Vedant</i>	<i>Vedant</i>	<i>Vedant</i>	<i>Vedant</i>
6	Dhanaraj Naik	<i>Dhanaraj</i>	<i>Dhanaraj</i>	<i>Dhanaraj</i>	<i>Dhanaraj</i>	<i>Dhanaraj</i>	<i>Dhanaraj</i>
7	Ananya Singh	<i>Ananya</i>	<i>Ananya</i>	<i>Ananya</i>	<i>Ananya</i>	<i>Ananya</i>	<i>Ananya</i>
8	Anmol Naik	<i>Anmol</i>	<i>Anmol</i>	<i>Anmol</i>	<i>Anmol</i>	<i>Anmol</i>	<i>Anmol</i>
9	Pallash Walavalkar	<i>Pallash</i>	<i>Pallash</i>	<i>Pallash</i>	<i>Pallash</i>	<i>Pallash</i>	<i>Pallash</i>
10	Siddesh Nirmalkar	<i>Siddesh</i>	<i>Siddesh</i>	<i>Siddesh</i>	<i>Siddesh</i>	<i>Siddesh</i>	<i>Siddesh</i>
11	Siddharth Prabhu	<i>Siddharth</i>	<i>Siddharth</i>	<i>Siddharth</i>	<i>Siddharth</i>	<i>Siddharth</i>	<i>Siddharth</i>
12	Raj Honavarkar	<i>Raj</i>	<i>Raj</i>	<i>Raj</i>	<i>Raj</i>	<i>Raj</i>	<i>Raj</i>
13	Noel Luis	<i>Noel</i>	<i>Noel</i>	<i>Noel</i>	<i>Noel</i>	<i>Noel</i>	<i>Noel</i>

(Signature)

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Certificate course in Remote Sensing and GIS
2017-18
Attendance

Sr. No.	Names of students	20-11-2017	21-11-2017	22-11-2017	23-11-2017	24-11-2017	25-11-2017
1	Sanjeel Dhuri						
2	Swapna Chavan	<i>Swapna</i>	<i>Swapna</i>	<i>Swapna</i>	<i>Swapna</i>	<i>Swapna</i>	<i>Swapna</i>
3	Harshada Pawar	<i>Pawar</i>	<i>Pawar</i>	<i>Pawar</i>	<i>Pawar</i>	<i>Pawar</i>	<i>Pawar</i>
4	Simran Mulla	<i>Simran</i>	<i>Simran</i>	<i>Simran</i>	<i>Simran</i>	<i>Simran</i>	<i>Simran</i>
5	Vedant Sawant	<i>Vedant</i>	<i>Vedant</i>	<i>Vedant</i>	<i>Vedant</i>	<i>Vedant</i>	<i>Vedant</i>
6	Dhanaraj Naik	<i>Naik</i>	<i>Naik</i>	<i>Naik</i>	<i>Naik</i>	<i>Naik</i>	<i>Naik</i>
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8	Anmol Naik	<i>ANaib</i>	<i>ANaib</i>	<i>ANaib</i>	<i>ANaib</i>	<i>ANaib</i>	<i>ANaib</i>
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12	Raj Honavarkar	<i>Raj</i>	<i>Raj</i>	<i>Raj</i>	<i>Raj</i>	<i>Raj</i>	<i>Raj</i>
13	Noel Luis	<i>Noel</i>	<i>Noel</i>	<i>Noel</i>	<i>Noel</i>	<i>Noel</i>	<i>Noel</i>


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REPORT OF THE REMOTE SENSING AND GIS COURSE

2017-18

The Department of Geology, Dhempe College of Arts and Science, Miramar conducted a value-added certificate course in "Remote Sensing and GIS" of 12 days duration.

A total of 13 students registered and completed this course that was held from 20th November 2017 to 25th November 2017 and 7th May 2018 to 12th may 2018.

The resource persons for this course were Raghav Gadgil and Rhythm Warik, Faculty from the Department of Geology, Dhempe College of Arts and Science, and Kiran Kumar Eripogu, Shubham Gude and Sagar Wankhede, Research Fellows from Parvatibai Chowgule College of Arts and Science, Margao-Goa.

The attendance of this course and record of feedback from the students has been maintained in the department.



D S Parab

Course Coordinator