



Dempto 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

Certificate course in Remote Sensing and GIS

2018-19

Attendance

Sr. No	Names of students	6/2/19	7/2/19	8/2/19	11/2/19	12/2/19	13/2/19	16/2/19
1	Redkar Prachi Rajendra							
2	Redkar Purva Rajendra							
3	Shivjay Ulhas Volvoikar							
4	Neha Thakur							
5	Doddamani Faiza Anjum							
6	Chaitaly Pandit							
7	Mansi Shinde							
8	Thoudem Roshan Singh							
9	Yukti Garg							
10	Raghavedra Kshirsagar							
11	Malgundkar Toufiq							
12	Patankar Vedang							
13	Baith Narayan							
14	Gawas Kirti							
15	Bhobe Varada							

Coordinator
(Raghuvar Garg)

PROF. D. S. PARAB
HEAD, DEPT. OF GEOLOGY
DHEMPE COLLEGE OF ARTS & SCIENCES
MIRAMAR-PANAJI

Certificate course in Remote Sensing and GIS

2018-19

Attendance

Names of students	23/2/19	25/2/19	2/3/19	9/3/19	16/3/19	23/3/19	30/3/19
1 Redkar Prachi Rajendra							
2 Redkar Purva Rajendra							
3 Shivjay Ulhas Volvoikar							
4 Neha Thakur							
5 Doddamani Faiza Anjum							
6 Chaitaly Pandit							
7 Mansi Shinde							
8 Thoudem Roshan Singh							
9 Yukti Garg							
10 Raghavedra Kshirsagar							
11 Malgundkar Toufiq							
12 Patankar Vedang							
13 Baith Narayan							
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Dhempe College of Arts and Science
Panaji, Goa**

Remote Sensing and GIS report 2018-19

18-4-2019

The Department of Geology, Dhempe College of Arts and Science, Miramar conducted a value-added certificate course in “Remote Sensing and GIS” of 30-hour duration. The course was conducted in the year 2018-19 for which 15 students had enrolled and attended the course.

The course started on 6/2/2019 and ended on 30/03/2019. The lectures and practical's were conducted in the Department by Raghav Gadgil and Dr Sagar Mali (Assistant Professor in Geography, Vidya Prabodhini College, Porvorim).

The attendance record for the above said course has been maintained in the department. The bills of this course have been settled. The certificates have been issued to the participating students.

