

“Rayat Shikshan Sanstha”  
**KARMAVEER BHAURAO PATIL MAHAVIDYALAYA,**  
**PANDHARPUR**  
**(Autonomous)**

**B.A. Part-I Geography Sem-II**

**VSC-II (2) :- INTRODUCTION TO REMOTE SENSING**

**Objectives:**

1. To make aware the student about the knowledge of Remote Sensing.
2. To make conscious the student about the historical background of Remote Sensing.
3. To familiarize the student about components of Remote Sensing.

**Course Outcomes:**

After the completion of course, the student will have ability to:

1. The student learns about the Remote Sensing.
2. The Students were familiar the knowledge about Basic Components of Remote Sensing.

**SYLLABUS**

Unit No.	Topic	Subtopic	No. of Periods
1	Introduction of Remote Sensing	1.1 Definition and Concept of Remote Sensing 1.2 Historical Background of Remote Sensing 1.3 Scope of remote sensing 1.4 Advantages and Limitations of Remote Sensing	15
2	Component of Remote Sensing	2.1 Basic component of Remote Sensing 2.2 Platform- concept and types 2.3 Sensors- concept and types 2.4 Application of Remote Sensing in Geography	15

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1. Barrett E.C. and L.F. Curtis (1992): Fundamentals of remote sensing and air photo interpretation – Mcmillon, New York
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4. Lillesand I. M. and kiefer R. W. (1979): Remote sensing and image interpretation, John Willey & Sons New York
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**B.A. Part-I Geography Sem-II**  
**(SEC-I)**

Title of Paper: **Introduction to Cartography**

**Objectives:**

4. To make aware the student about the knowledge of Cartography.
5. To make conscious the student about the historical background of Geography.
6. To familiarize the student about fundamentals of maps.

**Course Outcomes:**

After the completion of course, the student will have ability to:

3. The student learns about the Cartography.
4. The Students were familiar the knowledge about fundamentals of map.

**SYLLABUS**

Unit. No.	Title of the Unit	Sub Topic	Credits	No. of Lectures
I	<b>Introduction to Cartography</b>	1.1 Meaning of Cartography 1.2 History of Cartography 1.3 Importance of Cartography	1	15
II	<b>Fundamentals of Map</b>	2.1 Definition of Maps 2.2 Elements of Map 2.3 Types of Map – Based on Scale and Purpose	1	15

**References-**

1. Anson R. and Ormelling F. J., 1994: International Cartographic Association: Basic Cartographic Vol. Pregmen Press.
2. Gupta K.K. and Tyagi, V. C., 1992: Working with Map, Survey of India, DST, New Delhi.
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