

Lesson Plan of Geography (GE-26)

Name of the Teacher: Raj Kumar
Sensing, GIS & Quantitative Methods

Subject: Introduction to Remote

Class: B. A. III

Semester -VI

Session: January-June 2024

External Marks: 50

Internal Marks: 20

Course Objectives: To introduce with the students the basic concepts of GIS and Remote Sensing & the basic techniques of data calculation

Course Outcomes: After completing this course the students will be well versed with the modern geographical aspects of GIS and remote sensing. The students will be able to calculate and compile the data for various purposes of analysis.

Month	Dates	Topic to be covered	Assignments/Tests/others
January	1-6	Introduction to Aerial Photographs: their advantages	
	8-13	Types of aerial photographs	
	16-24	Elements of aerial photo interpretation	
	25-31	Introduction to Remote Sensing Electromagnetic spectrum, stages in remote sensing	Science Exhibition
February	1-10	Types of satellites	
	12-17	Types of Imageries and their application in various fields	
	19-29	Introduction to GIS: Definition, purpose, advantages and software and hardware requirements	Quiz Competition
March	1-9	Application of GIS in various fields	Assignment I
	11-16	Measures of Central Tendency: Mean	
	18-22	Median and Mode	
	23-31	Holi Break	
April	1-6	Measures of Dispersion: Range, Quartile deviation and mean deviation	Assignment II
	8-13	Standard deviation and Coefficient of Variation	Test
	15-20	Revision	
	22-30	Revision	Earth Day



Teacher's Signature