

Lesson Plan (2026-27)

TEACHER NAME: RAHUL

CLASS: BA1st

Course :SEC

Course Code : 24GEO401SE01

Week	Dates	Topic
1	1-7 August	Introduction to Geospatial Techniques, Remote Sensing and GIS
2	8-14 August	Geometric Elements of Aerial Photographs
3	15-21 August	Stereoscopy and Stereoscopic Vision (Pocket & Mirror Stereoscope)
4	22-28 August	Making Stereograms
5	29 Aug-4 Sept	Fundamentals of Aerial Photo Interpretation
6	5-11 September	Elements of Visual Air Photo Interpretation
7	12-18 September	Comparison between Aerial Photograph and Satellite Image
8	19-25 September	Scale Determination on Vertical Aerial Photographs
9	26 Sept-2 October	Identification of Physical Features on Aerial Photographs
10	3-9 October	Identification of Cultural Features on Aerial Photographs
11	10-16 October	Mapping of Physical and Cultural Features (Practical Exercise)
12	17-23 October	Introduction to GIS: Definition and Concept
13	24-31 October	GIS Hardware and Software Requirements
Vacation	1-9 November	Diwali Vacation
14	10-16 November	Creating Basic GIS Layers (Point and Line)
15	17-23 November	Creating Basic GIS Layers (Polygon)
16	24 November-1 December	GIS Software Practice, Manual Work, Record Completion and Revision

Teacher's Signature: Rahul

Lesson Plan (2026-27)

TEACHER NAME: Rahul

CLASS: BA 2 (3RD SEM.)

Course : Skill Enhancement Course – Land Use Planning (Practical)

Course Code : 25GEO403SEP01

Week	Duration	Topics to be Covered
Week 1	1–7 August	Course Introduction; Concept of Land and Land Use; Meaning and Significance of Land Use Planning
Week 2	8–14 August	Mapping of Forest Cover using Topographical Sheets
Week 3	15–21 August	Mapping of Built-up Areas using Topographical Sheets
Week 4	22–28 August	Mapping of Transport Routes using Topographical Sheets
Week 5	29 August–4 September	Mapping of Water Bodies using Topographical Sheets
Week 6	5–11 September	Preparation of Land Use Maps using Aerial Photographs and Satellite Images
Week 7	12–18 September	Practical Exercise on Land Use Mapping and Interpretation
Week 8	19–25 September	Concept of Land Use Change and Land Management
Week 9	26 September–2 October	Spatio-temporal Change Analysis in Land Use/Land Cover
Week 10	3–9 October	Statistical Diagrams for Land Use/Land Cover Analysis
Week 11	10–16 October	Preparation and Interpretation of Existing Land Use/Land Cover Maps
Week 12	17–23 October	Preparation of Proposed Land Use/Land Cover Map of an Institution/Locality
Week 13	24–31 October	Practical Exercise on Land Use Planning and Map Preparation
Diwali Vacation	1–9 November	No Classes
Week 14	10–16 November	Land Use Planning and Data Collection
Week 15	17–23 November	Case Study, Portfolio Preparation and Mini Project
Week 16	24–30 November	Practical Revision and Internal Assessment
Week 17	1 December	Practical Record Submission and Course Completion

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CLASS: BA 2 (3RD SEM.)

Course : *Introduction to Climatic Elements (Part-A)*

Course Code 24GEO402MI01

Week	Dates	Topic
1	1-7 August	Climate: Meaning and Definitions
2	8-14 August	Climate and Weather
3	15-21 August	Elements of Weather and Climate
4	22-28 August	Climate and Human Habitat
5	29 Aug-4 Sept	Factors Affecting Climate: Latitude and Altitude
6	5-11 September	Relief Features and Vegetation
7	12-18 September	Prevailing Winds and Distance from Sea
8	19-25 September	Climate and Human Habitat (Case Studies)
9	26 Sept-2 October	Major Climatic Elements: Introduction
10	3-9 October	Temperature: Maximum, Minimum and Average
11	10-16 October	Atmospheric Pressure and Pressure Belts
12	17-23 October	Humidity: Types
13	24-31 October	Precipitation: Types and Process of Precipitation
Vacation	1-9 November	Diwali Vacation
14	10-16 November	Wind: Dynamics of Wind Circulation
15	17-23 November	Wind Circulation and its Impact on Local Weather Conditions
16	24 November-1 December	Wind Circulation and Indian Monsoon System, Revision

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