

Lesson Plan (2026-27)

TEACHER NAME: DR. ASHWANI KUMAR

CLASS: BA 2 (3RD SEM.)

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

Course Code : 25GEO403SED01

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

Teacher's Signature: Ashwani Kumar

Lesson Plan (2026-27)

TEACHER NAME: DR. ASHWANI KUMAR

CLASS: BA 3 (5th Sem.)

Course: Map Reading & Interpretation of Toposheets

Course Code: 26GEO405MV01

Week	Dates	Topic
1	1-7 August	Nature and Scope of Cartography
2	8-14 August	Historical Development of Cartography
3	15-21 August	Applications of Cartography
4	22-28 August	Essentials of Map Making
5	29 Aug-4 Sept	Meaning and Significance of Maps
6	5-11 September	Elements of Maps
7	12-18 September	Purpose and Types of Maps
8	19-25 September	Classification of Maps
9	26 Sept-2 October	Map Scale: Definition and Uses
10	3-9 October	Methods of Expression of Scale
11	10-16 October	Cartographic Symbols: Objectives and Classification
12	17-23 October	Methods of Representation of Relief
13	24-31 October	Interpretation of Maps: Meaning and Significance
Vacation	1-9 November	Diwali Vacation
14	10-16 November	Interpretation of Natural and Cultural Landscapes (Settlement, Agriculture and Transport)
15	17-23 November	Interpretation and Applications of Thematic Maps and Distribution Maps
16	24 November-1 December	Limitations of Maps, Revision and Question Discussion

Teacher's Signature: _____

Ashwani Kumar

Lesson Plan (2026-27)

TEACHER NAME: DR. ASHWANI KUMAR

CLASS: BA 2 (3RD SEM.)

Course : Physical Geography–II (Part-A): Analysis and Representation of Climatic Data

Course Code : 25GEOM403DS01

Week	Duration	Topics to be Covered
Week 1	1–7 August	Course Introduction; Weather and Climate; Origin, Composition and Structure of Atmosphere
Week 2	8–14 August	Insolation and Heat Budget
Week 3	15–21 August	Weather and Climate Elements; Controlling Factors
Week 4	22–28 August	Distribution of Temperature and Atmospheric Pressure
Week 5	29 August–4 September	Local Winds and Planetary Winds
Week 6	5–11 September	Revision of Unit I and Internal Assessment–I
Week 7	12–18 September	Atmospheric Humidity: Types and Distribution
Week 8	19–25 September	Evaporation, Condensation and Precipitation
Week 9	26 September–2 October	Indian Monsoon: Origin and Characteristics
Week 10	3–9 October	Indian Monsoon: Mechanism and Significance
Week 11	10–16 October	Clouds: Types, Formation and Classification
Week 12	17–23 October	Air Masses, Fronts, Cyclones and Anticyclones
Week 13	24–31 October	Ocean Floor Profile: Continental Shelf, Slope, Ridge, Deep and Abyssal Plains
Diwali Vacation	1–9 November	No Classes
Week 14	10–16 November	Ocean Currents: Types and Characteristics
Week 15	17–23 November	Salinity in Oceans; Coral Reefs: Origin, Types and Distribution
Week 16	24–30 November	Revision of Units III & IV, Previous Year Question Discussion and Internal Assessment–II
Week 17	1 December	Final Revision and Course Completion

Teacher's Signature: _____

Ashwani Kumar