

## Lesson Plan (Session 2023-24)

Lesson Plan: Even Semester

Name of Teacher: Dr. Amit Kumar

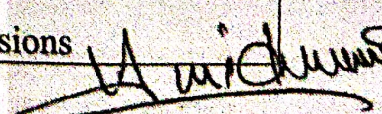
Class: B.A First Year (Second Semester)

Subject: Geography (Theory)

Paper: GEOG – 103: Physical Geography -Geomorphology

Lesson Plan Duration: 17 Weeks

Sr. No	Date	Sub Topics
1	01.01.2024 to 06.01.2024	General Discussion on Concept of Geography Subject Definition, Nature of Physical Geography
2	08.01.2024 to 13.01.2024	Scope of Physical Geography Fields of Physical Geography
3	15.01.2024 to 20.01.2024	Interior of the earth Evidences of Interior of the Earth
4	22.01.2024 to 27.01.2024	Geological time scale Concept of Rocks and its types
5	29.01.2024 to 03.02.2024	Earth movements Discussion of Short answers and Long answers
6	05.02.2024 to 10.02.2024	Concept of folds and its types Concept of faults and its types
7	12.02.2024 to 17.02.2024	Earth quakes and Volcanoes. Theory of Isostasy
8	19.02.2024 to 24.02.2024	Discussion of Short Answers Assignment -1 Internal Assessment
9	26.02.2024 to 02.03.2024	Wegner's theory of continental drift Plate tectonic theory.
10	04.03.2024 to 09.03.2022	Weathering; processes and its types. Mass-movements; causes, its types and impacts.
11	11.03.2024 to 16.03.2024	Cycle of erosion; concepts Theories of W.M. Davis.
12	18.03.2024 to 22.03.2024	Cycle of erosion : concept and theory of Penck Processes and landforms of Wind,
13	23.03.2024 to 31.03.2024	Holi Vacation
14	01.04.2024 to 06.04.2024	Processes and landforms of River, Processes and Landforms of Underground water,
15	08.04.2024 to 13.04.2024	Discussion of long Answers Assignment -2 Internal Assessment
16	15.04.2024 to 20.04.2024	Processes and landforms Glaciers.
17	22.04.2024 to 30.04.2024	Revision of Syllabus and Discussion of Previous Syllabus Class tests and Problem Solving Sessions

  
Signature of Teacher



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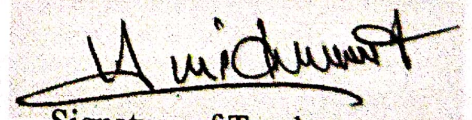
Class: B.A First Year (Second Semester)

Subject: Geography (Practical)

Paper: GEOG- 104: Representation of Physical Features

Lesson Plan Duration: 17 Weeks

Sr. No	Date	Sub Topics
1	01.01.2024 to 06.01.2024	Introduction to Topographical Sheets
2	08.01.2024 to 13.01.2024	India and adjacent countries
3	15.01.2024 to 20.01.2024	Degree Sheet, Half Degree Sheet, Quarter Degree Sheet
4	22.01.2024 to 27.01.2024	Conventional Signs
5	29.01.2024 to 03.02.2024	Methods of representing relief
6	05.02.2024 to 10.02.2024	Representation of Topographical features by contours.
7	12.02.2024 to 17.02.2024	Slopes (Concave, convex, undulating and terraced)
8	19.02.2024 to 24.02.2024	Slopes Valleys (V Shaped, U shaped, Gorge, Re-entrant)
9	26.02.2024 to 02.03.2024	Ridges (Conical hill, Volcanic hill, Plateau, Escarpment)
10	04.03.2024 to 09.03.2022	Complex features (waterfall, sea cliff, overhanging cliff, Fiord coast)
11	11.03.2024 to 16.03.2024	Drawing of Profiles
12	18.03.2024 to 22.03.2024	Cross Profiles: Serial, superimposed, projected
13	23.03.2024 to 31.03.2024	Holi Vacation
14	01.04.2024 to 06.04.2024	Composite profiles. Longitudinal profiles
15	08.04.2024 to 13.04.2024	Chain and Tape Survey.
16	15.04.2024 to 20.04.2024	Revision of Syllabus and Discussion of Problems
17	22.04.2024 to 30.04.2024	Final Checking of Practical Files Class tests and Problem Solving Sessions

  
Signature of Teacher



## Lesson Plan (Session 2023-24)

**Lesson Plan: Even Semester**

**Name of Teacher: Dr. Amit Kumar**

**Class: B.A Second Year (Fourth Semester)**

**Subject: Geography (Practical)**

**Paper: GEOG (P) 204: Map Projections**

**Lesson Plan Duration: 17 Weeks**

Sr.No	Date	Sub Topics
1	01.01.2024 to 06.01.2024	Introduction to Map Projection: Meaning, Classification and importance;
2	08.01.2024 to 13.01.2024	Characteristics of latitudes and longitudes lines. Cylindrical projections : Characteristics applications and drawing; (i) Simple cylindrical projection
3	15.01.2024 to 20.01.2024	Projection: Cylindrical equal area projection. And True shape or orthomorphic or Mercator's Projection.
4	22.01.2024 to 27.01.2024	Conical Projections: Characteristics, applications and drawing. (i) Simple conical projections with one standard parallel (ii) Simple conical projection with two standard parallel
5	29.01.2024 to 03.02.2024	Bonne's Projection Polyconic projection.
6	05.02.2024 to 10.02.2024	International Map Projection. Zenithal Projections: Characteristics, applications
7	12.02.2024 to 17.02.2024	Zenithal Projections: Methods of drawing. Polar Zenithal Equidistant Projection
8	19.02.2024 to 24.02.2024	Discussion of Short Answers Internal Assessment
9	26.02.2024 to 02.03.2024	Polar Zenithal Equal Area Projection Polar Zenithal Gnomonic Projection
10	04.03.2024 to 09.03.2022	Polar Zenithal Stereographic Projection Polar Zenithal Orthographic Projection
11	11.03.2024 to 16.03.2024	Characteristics, applications and drawings of (2) Sinosoidal and (ii) Mollweide Projections.
12	18.03.2024 to 22.03.2024	Theory of Plane Table Survey.
13	23.03.2024 to 31.03.2024	Holi Vacations
14	01.04.2024 to 06.04.2024	Plan Table Survey in Field with Equipments
15	08.04.2024 to 13.04.2024	Discussion of long Answers Internal Assessment
16	15.04.2024 to 20.04.2024	Final Checking of Practical Files
17	22.04.2024 to 30.04.2024	Revision of Syllabus and Discussion of Problems Class tests and Problem Solving Sessions

*Amit Kumar*  
Signature of Teacher





## Lesson Plan (Session 2023-24)

Lesson Plan: Even Semester

Name of Teacher: Dr. Amit Kumar

Class: B.A Second Year (Fourth Semester)

Subject: Geography (Theory)

Paper: GEOG 203: Human Geography

Lesson Plan Duration: 17 Weeks

Sr.No	Date	Sub Topics
1	01.01.2024 to 06.01.2024	Discussion of Branches of Geography Nature and scope of Human Geography,
2	08.01.2024 to 13.01.2024	Branches of Human Geography Discussion on studying branches of Human Geography
3	15.01.2024 to 20.01.2024	Approaches to the study of Human Geography. Division of Mankind
4	22.01.2024 to 27.01.2024	Spatial distribution of race of India
5	29.01.2024 to 03.02.2024	Concept of men-environment Relation Discussion of Short answers and Long answers
6	05.02.2024 to 10.02.2024	A historical approach of men-environment relation
7	12.02.2024 to 17.02.2024	Human adaptation to the environment (i) Cold region – Eskimo (ii) Hot region- Bushman
8	19.02.2024 to 24.02.2024	Discussion of Short Answers Assignment -1 Internal Assessment
9	26.02.2024 to 02.03.2024	Human adaptation to the environment (iii) Plateau – Gonds (iv) Mountains – Gujjars
10	04.03.2024 to 09.03.2022	Meaning, nature and components of resources; Classification of resources- renewal and non- renewable ; biotic and abiotic, recyclable and non recyclable.
11	11.03.2024 to 16.03.2024	Distribution and density of world population, population growth, Demographic and Transition Model.
12	18.03.2024 to 22.03.2024	Concept of over, under and optimum population; Population theories: Malthus, Ricardo and Marx.
13	23.03.2024 to 31.03.2024	Holi Vacation
14	01.04.2024 to 06.04.2024	Rural settlements: Meaning, classification and types. Urban settlements: Origin, classification and functions of towns, Problems of urbanization in India.
15	08.04.2024 to 13.04.2024	Discussion of long Answers Assignment -2 Internal Assessment
16	15.04.2024 to 20.04.2024	Population pressure, resource use and environment degradation; sustainable. Development, concept of deforestation, soil erosion, air and water pollution.
17	22.04.2024 to 30.04.2024	Revision of Syllabus and Discussion of Previous Syllabus Class tests and Problem Solving Sessions



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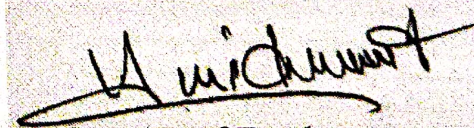
Class: B.A Third Year (Sixth Semester)

Subject: Geography (Practical)

Paper: GEOG (P) 304: Remote Sensing and Field Survey Report

Lesson Plan Duration: 17 Weeks

Sr. No	Date	Sub Topics
1	01.01.2024 to 06.01.2024	Demarcation of Principal Point, Conjugate Principal Point
2	08.01.2024 to 13.01.2024	Flight line on Aerial Photographs
3	15.01.2024 to 20.01.2024	Determination of Scale of Aerial Photography
4	22.01.2024 to 27.01.2024	Interpretation of Aerial Photographs
5	29.01.2024 to 03.02.2024	Uses of Stereoscope
6	05.02.2024 to 10.02.2024	Identification of Features on Aerial Photograph
7	12.02.2024 to 17.02.2024	Identification of Features on IRSID
8	19.02.2024 to 24.02.2024	Identification of Features on LISS III imagery (Mark copy of FCC)
9	26.02.2024 to 02.03.2024	Socio-Economic Survey
10	04.03.2024 to 09.03.2022	Report Writing of Socio-Economic Survey
11	11.03.2024 to 16.03.2024	Field Survey Report : Preparation of Schedule, Questionnaire, interview schedule and Indicators
12	18.03.2024 to 22.03.2024	Field Survey Report Phase: Data Collection and Classification and Analysis
13	23.03.2024 to 31.03.2024	Holi Vacations
14	01.04.2024 to 06.04.2024	Revision of Syllabus and Checking of Practical File
15	08.04.2024 to 13.04.2024	Discussion of long Answers Internal Assessment
16	15.04.2024 to 20.04.2024	Final Checking of Practical Files and Field Report
17	22.04.2024 to 30.04.2024	Revision of Syllabus and Discussion of Problems Class tests and Problem Solving Sessions

  
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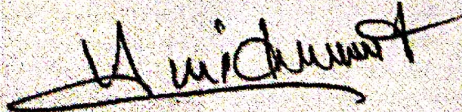
**Class: B.A Third Year (Sixth Semester)**

**Subject: Geography (Theory)**

**Paper: GEOG 303: Introduction to Remote Sensing, GIS, & Quantitative Methods**

**Lesson Plan Duration: 17 Weeks**

Sr.No	Date	Sub Topics
1	01.01.2024 to 06.01.2024	Introduction to aerial photography,
2	08.01.2024 to 13.01.2024	Advantages of Aerial Photography and Types of Aerial Photography
3	15.01.2024 to 20.01.2024	Elements of Aerial Photo Interpretation
4	22.01.2024 to 27.01.2024	Basics of Remote Sensing Electromagnetic spectrum, sensors
5	29.01.2024 to 03.02.2024	Platform and Resolution and Types Development of Remote Sensing Technology Discussion of Short answers and Long answers
6	05.02.2024 to 10.02.2024	Types of Imageries Uses of Imageries and uses in natural resources Management of India
7	12.02.2024 to 17.02.2024	Introduction to Geographical Information System: Definition, Purpose and its utility
8	19.02.2024 to 24.02.2024	Geographical Information System: advantages, Software, and Hardware requirements
9	26.02.2024 to 02.03.2024	Discussion of Short Answers Assignment -1 Internal Assessment
10	04.03.2024 to 09.03.2022	Application of GIS in various fields of Geography
11	11.03.2024 to 16.03.2024	Measures of Central Tendency: Mean Median Mode.
12	18.03.2024 to 22.03.2024	Measure of Dispersion: Range, Quartile Deviation,
13	23.03.2024 to 31.03.2024	Holi Vacations
14	01.04.2024 to 06.04.2024	Measure of Dispersion: Mean Deviation, Standard Deviation, Coefficient of Variation
15	08.04.2024 to 13.04.2024	Discussion of long Answers Assignment -2 Internal Assessment
16	15.04.2024 to 20.04.2024	Discussion of all short answers of syllabus
17	22.04.2024 to 30.04.2024	Revision of Syllabus and Discussion of Problems Class tests and Problem Solving Sessions

  
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