# Lesson Plan for Arts/ Physical Sciences/ Life Sciences/ Commerce

Name of Program: UG Multi/ Interdisciplinary Program in 

Name of Course: B.A. 1ST SEM. Major Course (DSC)

Nomenclature of Course: Physical Geography I

Course Code: 24GEOM401DS01

Credits (L+T+P): 2 Marks: 50

|  | WEEK  | SYLLABUS  |
| --- | --- | --- |
| July  | 4th week  | * + - Nature and scope of Physical Geography

  |
|   | 5th week  | * + - Interior of the earth

  |
| August  | 1st week  | * + - Characteristics of Rocks

  |
|   | 2nd week  | * + - Geomorphic process

  |
|   | 3rd week  | * + - Continental drift theory and plate tectonic theory

  |
|   | 4th  week  | * + - Sea flour Spreading

  |
|   | 5th week  | * + - Sea flour Spreading

  |
| September  | 1st week  | * + - Classification of Landforms

  |
|   | 2nd week  | * + - Volcanoes

  |
|   | 3rd week  | * Volcanoes
 |
|   | 4th week  | * Earthquake

  |
|   | 5th week  | * Earthquake

  |
| October  | 1st week  | * + Denudational Process

  |
|   | 2nd week  | * + Denudational Process

  |
|   | 3rd week  | * + Work Of River

  |
|   | 4th week  | * + Work Of wind

  |
| November  | 2nd week  | * + - Cycle of Erosion

  |
|   | 3rd week  | * Revision and tests
 |
|   | 4th week  | * Revision and tests
 |

Mrs. Monika Kaushik

Signature of Concerned Teacher Signature Principal

# Lesson Plan for Arts/ Physical Sciences/ Life Sciences/ Commerce

Name of Program: UG Multi/ Interdisciplinary Program in 

Name of Course: B.A. 1ST SEM. Major Course (DSC)

Nomenclature of Course: Physical Geography I

Course Code: 24GEOM401DS01

Credits (L+T+P): 2 Marks: 50

|  | WEEK  | SYLLABUS  |
| --- | --- | --- |
| July  | 4th week  | * + - Nature and scope of Physical Geography

  |
|   | 5th week  | * + - Interior of the earth

  |
| August  | 1st week  | * + - Characteristics of Rocks

  |
|   | 2nd week  | * + - Geomorphic process

  |
|   | 3rd week  | * + - Continental drift theory and plate tectonic theory

  |
|   | 4th  week  | * + - Sea flour Spreading

  |
|   | 5th week  | * + - Sea flour Spreading

  |
| September  | 1st week  | * + - Classification of Landforms

  |
|   | 2nd week  | * + - Volcanoes

  |
|   | 3rd week  | * Volcanoes
 |
|   | 4th week  | * Earthquake

  |
|   | 5th week  | * Earthquake

  |
| October  | 1st week  | * + Denudational Process

  |
|   | 2nd week  | * + Denudational Process

  |
|   | 3rd week  | * + Work Of River

  |
|   | 4th week  | * + Work Of wind

  |
| November  | 2nd week  | * + - Cycle of Erosion

  |
|   | 3rd week  | * Revision and tests
 |
|   | 4th week  | * Revision and tests
 |

Dr. Anuradha Nandal

Signature of Concerned Teacher Signature Principal

# Lesson Plan for Arts/ Physical Sciences/ Life Sciences/ Commerce

Name of Program: UG Multi/ Interdisciplinary Program in Name of Course: B.A, 1ST SEM. Major Course (DSC)

Nomenclature of Course: Introductory Cartography (Practical)

Course Code: 24GEOM401DS01

Credits (L+T+P): 4 Marks: 50

| MONTH  | WEEK  | SYLLABUS  |
| --- | --- | --- |
| July  | 4th week  | * + - Introduction to cartography
 |
|   | 5th week  | * + - Introduction to cartography
 |
| August  | 1st week  | * + - Classification of Maps and its elements
 |
|   | 2nd week  | * + - Classification of Maps and its elements
 |
|   | 3rd week  | * + - Conventional symbols and signs
 |
|   | 4th  week  | * + - Conventional symbols and signs
 |
|   | 5th week  | * + - Conventional symbols and signs
 |
| September  | 1st week  | * + - Map Scale
 |
|   | 2nd week  | * + - Map Scale
 |
|   | 3rd week  | * Statement Scale
 |
|   | 4th week  | * Representative Scale
 |
|   | 5th week  | * Representative Scale
 |
| October  | 1st week  | * Representation Of relief
 |
|   | 2nd week  | * Representation Of relief
 |
|   | 3rd week  | * Spot Height
 |
|   | 4th week  | * Bench Marks
 |
| November  | 2nd week  | * Trigonometric Stations
 |
|   | 3rd week  | * Revision and tests
 |
|   | 4th week  | * Revision and tests
 |

Dr. Subodh Rani

Signature of Concerned Teacher Signature Principal

# Lesson Plan for Arts/ Physical Sciences/ Life Sciences/ Commerce

Name of Program: UG Multi/ Interdisciplinary Program in 

Name of Course: B.A. 1ST SEM. Major Course (DSC)

Nomenclature of Course: Introductory Cartography (Practical)

Course Code: 24GEOM401DS01

Credits (L+T+P): 4 Marks: 50

| MONTH  | WEEK  | SYLLABUS  |
| --- | --- | --- |
| July  | 4th week  | * + - Introduction to cartography
 |
|   | 5th week  | * + - Introduction to cartography
 |
| August  | 1st week  | * + - Classification of Maps and its elements
 |
|   | 2nd week  | * + - Classification of Maps and its elements
 |
|   | 3rd week  | * + - Conventional symbols and signs
 |
|   | 4th  week  | * + - Conventional symbols and signs
 |
|   | 5th week  | * + - Conventional symbols and signs
 |
| September  | 1st week  | * + - Map Scale
 |
|   | 2nd week  | * + - Map Scale
 |
|   | 3rd week  | * Statement Scale
 |
|   | 4th week  | * Representative Scale
 |
|   | 5th week  | * Representative Scale
 |
| October  | 1st week  | * Representation Of relief
 |
|   | 2nd week  | * Representation Of relief
 |
|   | 3rd week  | * Spot Height
 |
|   | 4th week  | * Bench Marks
 |
| November  | 2nd week  | * Trigonometric Stations
 |
|   | 3rd week  | * Revision and tests
 |
|   | 4th week  | * Revision and tests
 |

Dr. Anuradha Nandal

Signature of Concerned Teacher Signature Principal

# Lesson Plan for Arts/ Physical Sciences/ Life Sciences/ Commerce

Name of Program: UG Multi/ Interdisciplinary Program in 

Name of Course: B.A. 1ST SEM. Minor Course

Nomenclature of Course: Introduction to Geography

Course Code: 24GEO401MI01 

Credits (L+T+P): 4 Marks: 50

| July  | 4th week  | * + - Geography nature scope and branches
 |
| --- | --- | --- |
|   | 5th week  | * + - Geography nature scope and branches

  |
| August  | 1st week  | * + - Place of geography in sciences
 |
|   | 2nd week  | * + - Geography and other disciplines
 |
|   | 3rd week  | * + - Carrier opportunities of geographers
 |
|   | 4th  week  | * + - Core geography concepts
 |
|   | 5th week  | * + - Interior of earth, plate tectonic theory
 |
| September  | 1st week  | * + - Meaning and classification of rocks
 |
|   | 2nd week  | * + - Compositions and structure of atmosphere
 |
|   | 3rd week  | * + - Elements of weather and climate
 |
|   | 4th week  | * Atmospheric temperature, insolation and heat budget
 |
|   | 5th week  | * Atmospheric pressure
 |
| October  | 1st week  | * Wind circulation
 |
|   | 2nd week  | * Atmospheric moisture
 |
|   | 3rd week  | * Hydrological cycle
 |
|   | 4th week  | * Precipitation, rainfall
* Atmospheric Pollution
 |
| November  | 2nd week  | * Atmospheric Pollution
 |
|   | 3rd week  | * Global warming
 |

Mrs. Monika Kaushik

Signature of Concerned Teacher Signature Principal

# Lesson Plan for Arts/ Physical Sciences/ Life Sciences/ Commerce

Name of Program: UG Multi/ Interdisciplinary Program in Name of Course: B.A. 1ST SEM. Minor Course

Nomenclature of Course: Introductory Cartography (Practical)

Course Code: 24GEO401MI01 

Credits (L+T+P): 4 Marks: 50

| July  | 4th week  | * + - Cartography Introduction
 |
| --- | --- | --- |
|   | 5th week  | * + - Cartography Introduction

  |
| August  | 1st week  | * + - Basic concept of cartography
 |
|   | 2nd week  | * + - Basic concept of cartography
 |
|   | 3rd week  | * + - Distribution of Map
 |
|   | 4th  week  | * + - Distribution of Map
 |
|   | 5th week  | * + - Distribution of Map
 |
| September  | 1st week  | * + - Elements of Map: Title, Direction
 |
|   | 2nd week  | * + - Elements of Map: Index
 |
|   | 3rd week  | * + - Elements of Map: Conventional Signs
 |
|   | 4th week  | * + - Elements of Map: Scale

  |
|   | 5th week  | * + - Elements of Map: Location
 |
| October  | 1st week  | * Interpretation of Map
 |
|   | 2nd week  | * Interpretation of Map
 |
|   | 3rd week  | * Interpretation of Map
 |
|   | 4th week  | * Interpretation of Map
 |
| November  | 2nd week  | * Revision and tests
 |
|   | 3rd week  | * Revision and tests

  |
|   | 4th week  | * Revision and tests
 |

Mrs. Monika Kaushik

Signature of Concerned Teacher Signature Principal

# Lesson Plan for Arts/ Physical Sciences/ Life Sciences/ Commerce

Name of Program: UG Multi/ Interdisciplinary Program in Name of Course: B.A. 1ST SEM. Minor Course

Nomenclature of Course: Introductory Cartography (Practical)

Course Code: 24GEO401MI01 

Credits (L+T+P): 4 Marks: 50

| July  | 4th week  | * + - Cartography Introduction
 |
| --- | --- | --- |
|   | 5th week  | * + - Cartography Introduction

  |
| August  | 1st week  | * + - Basic concept of cartography
 |
|   | 2nd week  | * + - Basic concept of cartography
 |
|   | 3rd week  | * + - Distribution of Map
 |
|   | 4th  week  | * + - Distribution of Map
 |
|   | 5th week  | * + - Distribution of Map
 |
| September  | 1st week  | * + - Elements of Map: Title, Direction
 |
|   | 2nd week  | * + - Elements of Map: Index
 |
|   | 3rd week  | * + - Elements of Map: Conventional Signs
 |
|   | 4th week  | * + - Elements of Map: Scale

  |
|   | 5th week  | * + - Elements of Map: Location
 |
| October  | 1st week  | * Interpretation of Map
 |
|   | 2nd week  | * Interpretation of Map
 |
|   | 3rd week  | * Interpretation of Map
 |
|   | 4th week  | * Interpretation of Map
 |
| November  | 2nd week  | * Revision and tests
 |
|   | 3rd week  | * Revision and tests

  |
|   | 4th week  | * Revision and tests
 |

Dr. Anuradha Nandal

Signature of Concerned Teacher Signature Principal

# Lesson Plan for Arts/ Physical Sciences/ Life Sciences/ Commerce

Name of Program: UG Multi/ Interdisciplinary Program in Name of Course: B.A. 1ST SEM. Skill Enhancement Course (SEC)

Nomenclature of Course: Fundamental of Geospatial Techniques (Practical)

Course Code: 24GEO401MSE01 

Credits (L+T+P): 3 Marks: 50

| July  | 4th week  | Geospatial: Data and Defination |
| --- | --- | --- |
|   | 5th week  | Geospatial Concept  |
| August  | 1st week  | Types of Geospatial Data |
|   | 2nd week  | Raster and Vector Data |
|   | 3rd week  | Raster and Vector Data |
|   | 4th  week  | Sources of Open Data |
|   | 5th week  | Sources of Open Data |
| September  | 1st week  | Survey of India: Toposheet |
|   | 2nd week  | Survey of India: Toposheet |
|   | 3rd week  | Survey of India: Toposheet |
|   | 4th week  |  Toposheet Nomenclature |
|   | 5th week  | Toposheet Nomenclature |
| October  | 1st week  |  Obtaining Data from different sources |
|   | 2nd week  |  Application of Open-Source Data |
|   | 3rd week  |  Mapping of Land use and change |
|   | 4th week  |  Mapping of Land use and change |
| November  | 2nd week  |  Revision and tests |
|   | 3rd week  |  Revision and tests  |
|   | 4th week  |  Revision and tests |

Mrs. Monika Kaushik

Signature of Concerned Teacher Signature Principal

Session 2024-25 Semester I (Odd)

Lesson Plan for Arts/ Physical Sciences/ Life Sciences/ Commerce

Name of Program: UG Multi/ Interdisciplinary Program in B.A 2nd year

Name of Course: Major Course

Nomenclature of Course: Physical Geography II

Course Code: GE0 3

Credits (L+T+P): 4 Marks: 60

| MONTH | WEEK | SYLLABUS |
| --- | --- | --- |
| July | 4th week | * Weather and Climate
 |
|  | 5th week | * Origin, Composition and Structure of Atmosphere
 |
| August | 1st week | * Concept of Insolation
 |
|  | 2nd week | * Global Heat Budget
 |
|  | 3rd week | * Horizontal distribution of Temperature
 |
|  | 4th  week | * Vertical distribution of Temperature
 |
|  | 5th week | * Inversion of Temperature
 |
| September | 1st week | * Atmospheric Pressure
* Pressure Belts and Planetary Winds
 |
|  | 2nd week | * Monsoon and Jet Streams
* El- Nino and La- Nina
* Local Winds
 |
|  | 3rd week | * Humidity: Measurement and Variables
 |
|  | 4th week | * Evaporation and Condensation
 |
|  | 5th week | * Precipitation and Hydrological Cycle
 |
| October | 1st week | * Air Masses: Concept and Classification
 |
|  | 2nd week | * Fronts: Types and Characteristics
* Tropical and Extra -Tropical Cyclones
 |
|  | 3rd week | * Climatic Classification by Koppen
 |
|  | 4th week | * Climate Change
* Global Warming
 |
| November | 2nd week | * Configuration of Oceanic Floor
 |
|  | 3rd week | * Tides, Waves and Oceanic Currents
 |
|  | 4th week | * Revision and tests
 |

 Sign of Concerned Teacher Sign of Principal

 Manisha (Assit. Prof. Geography)

Session 2024-25 Semester I (Odd)

Lesson Plan for Arts/ Physical Sciences/ Life Sciences/ Commerce

Name of Program: UG Multi/ Interdisciplinary Program in B.A 2nd year

Name of Course: Major Course (DSC)

Nomenclature of Course: Representation of Climatic Data (Practical)

Course Code: GE0 3

Credits (L+T+P): 2 Marks: 25

| MONTH | WEEK | SYLLABUS |
| --- | --- | --- |
| July | 4th week | Measurement of Temperature and Rainfall |
|  | 5th week | Measurement of Pressure and Humidity |
| August | 1st week | Line and Bar Graph |
|  | 2nd week | Distribution of Temperature (Isotherms) |
|  | 3rd week | Distribution of Rainfall (Isohyets) |
|  | 4th  week | Classification of Maps |
|  | 5th week | Hythergraph |
| September | 1st week | Rainfall Deviation Diagram |
|  | 2nd week | Climograph (Wet Places) |
|  | 3rd week | Climograph (Dry Places) |
|  | 4th week | Distribution of Pressure (Isobars) |
|  | 5th week | Weather Map Interpretation (January) |
| October | 1st week | Weather Map Interpretation (July) |
|  | 2nd week | Chain and Tape Survey |
|  | 3rd week | Revision and Final Checking of Sheets |
|  | 4th week | Revision and Final Checking of Sheets |
| November | 2nd week | Revision and Final Checking of Sheets |
|  | 3rd week | Revision and Final Checking of Sheets |
|  | 4th week | Revision and Final Checking of Sheets |

 Sign of Concerned Teacher Sign of Principal

 Manisha (Assit. Prof. Geography)

Session 2024-25 Semester I (Odd)

Lesson Plan for Arts/ Physical Sciences/ Life Sciences/ Commerce

Name of Program: UG Multi/ Interdisciplinary Program in B.A 2nd year

Name of Course: Major Course

Nomenclature of Course: Physical Geography II

Course Code: GE0 3

Credits (L+T+P): 4 Marks: 60

| MONTH | WEEK | SYLLABUS |
| --- | --- | --- |
| July | 4th week | * Weather and Climate
 |
|  | 5th week | * Origin, Composition and Structure of Atmosphere
 |
| August | 1st week | * Concept of Insolation
 |
|  | 2nd week | * Global Heat Budget
 |
|  | 3rd week | * Horizontal distribution of Temperature
 |
|  | 4th  week | * Vertical distribution of Temperature
 |
|  | 5th week | * Inversion of Temperature
 |
| September | 1st week | * Atmospheric Pressure
* Pressure Belts and Planetary Winds
 |
|  | 2nd week | * Monsoon and Jet Streams
* El- Nino and La- Nina
* Local Winds
 |
|  | 3rd week | * Humidity: Measurement and Variables
 |
|  | 4th week | * Evaporation and Condensation
 |
|  | 5th week | * Precipitation and Hydrological Cycle
 |
| October | 1st week | * Air Masses: Concept and Classification
 |
|  | 2nd week | * Fronts: Types and Characteristics
* Tropical and Extra -Tropical Cyclones
 |
|  | 3rd week | * Climatic Classification by Koppen
 |
|  | 4th week | * Climate Change
* Global Warming
 |
| November | 2nd week | * Configuration of Oceanic Floor
 |
|  | 3rd week | * Tides, Waves and Oceanic Currents
 |
|  | 4th week | * Revision and tests
 |

 Sign of Concerned Teacher Sign of Principal

 Dr. Subodh (Assit. Prof. Geography)

Session 2024-25 Semester I (Odd)

Lesson Plan for Arts/ Physical Sciences/ Life Sciences/ Commerce

Name of Program: UG Multi/ Interdisciplinary Program in B.A 2nd year

Name of Course: Major Course (DSC)

Nomenclature of Course: Representation of Climatic Data (Practical)

Course Code: GE0 3

Credits (L+T+P): 2 Marks: 25

Sign. Of Concerned Teacher Principal Sign.

Dr. Subodh Rani

| MONTH | WEEK | SYLLABUS |
| --- | --- | --- |
| July | 4th week | Measurement of Temperature and Rainfall |
|  | 5th week | Measurement of Pressure and Humidity |
| August | 1st week | Line and Bar Graph |
|  | 2nd week | Distribution of Temperature (Isotherms) |
|  | 3rd week | Distribution of Rainfall (Isohyets) |
|  | 4th  week | Classification of Maps |
|  | 5th week | Hythergraph |
| September | 1st week | Rainfall Deviation Diagram |
|  | 2nd week | Climograph (Wet Places) |
|  | 3rd week | Climograph (Dry Places) |
|  | 4th week | Distribution of Pressure (Isobars) |
|  | 5th week | Weather Map Interpretation (January) |
| October | 1st week | Weather Map Interpretation (July) |
|  | 2nd week | Chain and Tape Survey |
|  | 3rd week | Revision and Final Checking of Sheets |
|  | 4th week | Revision and Final Checking of Sheets |
| November | 2nd week | Revision and Final Checking of Sheets |
|  | 3rd week | Revision and Final Checking of Sheets |
|  | 4th week | Revision and Final Checking of Sheets |

 Session 2024-25SemesterV (Odd)

Lesson Plan for UG Classes B.A(3rdYear)

Class: B.A 5TH SEM Subject: GEOGRAPHY

Paper Code:Marks: GEO05 60

| MONTH | WEEK | THEORY SYLLABUS |
| --- | --- | --- |
| July | 4th week | The Nature and Scope of Economic Geograp |
|  | 5th week | The Nature and Scope of Economic Geography |
| August | 1st week | Classification of Economic Activity |
|  | 2nd week | Classification of Economic Activity |
|  | 3rd week | Classification of Economic Activity |
|  | 4th  week | World Natural Resources |
|  | 5th week | World Natural Resources |
| September | 1st week |  Utilization and Conservation Of Natural Resources |
|  | 2nd week |  Utilization and Conservation Of Natural Resources |
|  | 3rd week |  Utilization and Conservation Of Natural Resources |
|  | 4th week | Manufacturing Industries  |
|  | 5th week | Manufacturing Industries  |
| October | 1st week |  Transport and comunication |
|  | 2nd week |  Transport and comunication |
|  | 3rd week |  International Trade  |
|  | 4th week | International Trade  |
| November | 2nd week | Revision |
|  | 3rd week | Revision |
|  | 4th week |  Test |

Miss Pooja

Sign of Concerned Teacher Sign of Principal

 Session 2024-25SemesterV (Odd)

Lesson Plan for UG Classes B.A(3rdYear)

Class: B.A 5TH SEM Subject: GEOGRAPHY

Paper Code:Marks: GEO05 60

| MONTH | WEEK | PRACTICAL SYLLABUS |
| --- | --- | --- |
| July | 4th week | Principles of map design & layout |
|  | 5th week | Principles of map design & layout |
| August | 1st week | Principles of map design & layout |
|  | 2nd week | Symbolization |
|  | 3rd week | Symbolization |
|  | 4th  week | Symbolization |
|  | 5th week | Symbolization |
| September | 1st week | Distribution of Map |
|  | 2nd week | Distribution of Map |
|  | 3rd week | Distribution of Map |
|  | 4th week | Distribution of Map |
|  | 5th week | Distribution of Map |
| October | 1st week | Prismatic Compass Survey |
|  | 2nd week | Prismatic Compass Survey |
|  | 3rd week | Prismatic Compass Survey |
|  | 4th week | Prismatic Compass Survey |

Miss Pooja

Sign of Concerned Teacher Sign of Principal

Session 2024-25SemesterV (Odd)

Lesson Plan for UG Classes B.A(3rdYear)

Class: B.A 5TH SEM Subject: GEOGRAPHY

Paper Code:Marks: GEO05 60 

| MONTH | WEEK | THEORY SYLLABUS |
| --- | --- | --- |
| July | 4th week | The Nature and Scope of Economic Geograp |
|  | 5th week | The Nature and Scope of Economic Geography |
| August | 1st week | Classification of Economic Activity |
|  | 2nd week | Classification of Economic Activity |
|  | 3rd week | Classification of Economic Activity |
|  | 4th  week | World Natural Resources |
|  | 5th week | World Natural Resources |
| September | 1st week |  Utilization and Conservation Of Natural Resources |
|  | 2nd week |  Utilization and Conservation Of Natural Resources |
|  | 3rd week |  Utilization and Conservation Of Natural Resources |
|  | 4th week | Manufacturing Industries  |
|  | 5th week | Manufacturing Industries  |
| October | 1st week |  Transport and comunication |
|  | 2nd week |  Transport and comunication |
|  | 3rd week |  International Trade  |
|  | 4th week | International Trade  |
| November | 2nd week | Revision |
|  | 3rd week | Revision |
|  | 4th week |  Test |



Mr. Navinder

Sign of Concerned Teacher Sign of Principal

Session 2024-25SemesterV (Odd)

Lesson Plan for UG Classes B.A(3rdYear)

Class: B.A 5TH SEM Subject: GEOGRAPHY

Paper Code:Marks: GEO05 60 

| MONTH | WEEK | PRACTICAL SYLLABUS |
| --- | --- | --- |
| July | 4th week | Principles of map design & layout |
|  | 5th week | Principles of map design & layout |
| August | 1st week | Principles of map design & layout |
|  | 2nd week | Symbolization |
|  | 3rd week | Symbolization |
|  | 4th  week | Symbolization |
|  | 5th week | Symbolization |
| September | 1st week | Distribution of Map |
|  | 2nd week | Distribution of Map |
|  | 3rd week | Distribution of Map |
|  | 4th week | Distribution of Map |
|  | 5th week | Distribution of Map |
| October | 1st week | Prismatic Compass Survey |
|  | 2nd week | Prismatic Compass Survey |
|  | 3rd week | Prismatic Compass Survey |
|  | 4th week | Prismatic Compass Survey |

Mr. Navinder

Sign of Concerned Teacher Sign of Principal