

# KVA DAV College for Women, Karnal

## Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Dr. Kanwaljeet Virdi

Class- B.A. III

Subject- Geography

Paper- Economic Geography

<b>August, 2023</b> 1 <sup>st</sup> Week 1 Aug- 5 Aug	<b>Chapter 1 – Nature and Scope of Economic Geography</b> <ul style="list-style-type: none"><li>• Nature and Scope of Economic Geography</li><li>• Branches of Economic Geography</li><li>• Methods of Studying Economic Geography</li><li>• Relation of Economic Geography with other Social Sciences</li></ul>
<b>6 Aug, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> 7 Aug - 12 Aug	<b>Chapter 2 – Classification of Economic Activities</b> <ul style="list-style-type: none"><li>• Economic Activities: Meaning and Types<ul style="list-style-type: none"><li>○ Primary Activities</li><li>○ Secondary Activities</li><li>○ Tertiary Activities</li><li>○ Quaternary Activities</li><li>○ Quinary Activities</li></ul></li><li>• Impact of economic activities on environment</li><li>• Green House Effect and Global Warming</li></ul>
<b>13 Aug, 2023</b>	<b>Sunday</b>
<b>3<sup>rd</sup> Week</b> 14 Aug-19 Aug	<b>Chapter 3 – World Natural Resources</b> <ul style="list-style-type: none"><li>• Meaning and Definition of Natural Resources</li><li>• Classification of Resources</li></ul> <b>Chapter 4 – Utilization and Conservation of Natural Resources</b> <ul style="list-style-type: none"><li>• Biotic Resources<ul style="list-style-type: none"><li>○ Vegetation Resources</li><li>○ Animal Resources</li></ul></li><li>• Abiotic Resources<ul style="list-style-type: none"><li>○ Water Resources</li><li>○ Oceans and Resources</li></ul></li></ul>
<b>15 Aug, 2023</b> <b>20 Aug, 2023</b>	<b>Independence Day</b> <b>Sunday</b>
<b>4<sup>th</sup> Week</b> 21 Aug-26 Aug	<b>Chapter 4 – Utilization and Conservation of Natural Resources</b> contd... <ul style="list-style-type: none"><li>○ Oceans and Energy Resources</li><li>○ Ocean Transport and Trade</li></ul>
<b>27 Aug, 2023</b>	<b>Sunday</b>
<b>5<sup>th</sup> Week</b> 28 Aug-31Aug	<b>Chapter 4 – Utilization and Conservation of Natural Resources</b> contd... <ul style="list-style-type: none"><li>○ Ocean and Politics</li><li>○ Underground Water Resources</li><li>○ Conservation of Resources</li></ul>
<b>30 Aug, 2023</b>	<b>RakshaBandhan</b>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August- December)

Name of the Teacher – Dr. Kanwaljeet Viridi

Class- B.A. III

Subject- Geography

Paper- Economic Geography

<b>September, 2023</b> 1 <sup>st</sup> Week 1 Sept-2 Sept	<b>Chapter 5 - Agricultural Resources</b> <ul style="list-style-type: none"><li>• Meaning and Importance of Agriculture</li><li>• Food Crops - Rice, Wheat, Cotton</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 4 Sept- 9 Sept	<b>Chapter 5 - Agricultural Resources contd...</b> <ul style="list-style-type: none"><li>• Sugarcane, Tea Coffee, Rubber</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
3 <sup>rd</sup> Week 11 Sept-16 Sept	<b>Chapter 6 – Mineral Resources</b> <ul style="list-style-type: none"><li>• Meaning and Definition</li><li>• Characteristics of Minerals</li><li>• Classification of Minerals</li></ul>
<b>17 Sept, 2023</b>	<b>Sunday</b>
4 <sup>th</sup> Week 18 Sept-22Sept	<b>Chapter 6 – Mineral Resources contd...</b> <ul style="list-style-type: none"><li>• Iron Ore</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
5 <sup>th</sup> Week 26 Sept - 30 Sept	<b>Chapter 6 – Mineral Resources contd...</b> <ul style="list-style-type: none"><li>• Coal</li></ul>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

Name of the Teacher – Dr. Kanwaljeet Viridi

Class- B.A. III

Subject- Geography

Paper- Economic Geography

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>Chapter 6 – Mineral Resources contd...</b> <ul style="list-style-type: none"><li>• Petroleum and Mineral Oil</li><li>• Natural Gas</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>Chapter 7 – Manufacturing Industries</b> <ul style="list-style-type: none"><li>• Manufacturing Industries –Meaning</li><li>• Characteristics of Modern Large Scale Manufacturing</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>Chapter 7 – Manufacturing Industries contd...</b> <ul style="list-style-type: none"><li>• Location of Industries</li><li>• Classification of Manufacturing Industries</li><li>• High Tech Industries</li><li>• Technopolis</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup>Week</b> <b>23 Oct– 27Oct</b>	<b>Chapter 7 – Manufacturing Industries contd...</b> <ul style="list-style-type: none"><li>• Iron and Steel Industry</li><li>• Textile Industry</li><li>• Industrial Regions</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>Chapter 8 - Transport and Communication</b> <ul style="list-style-type: none"><li>• Significance of Transport and Communication</li><li>• Meaning and Modes of Transport</li><li>• Surface Transport – Roads, Railways</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

**Name of the Teacher – Dr. Kanwaljeet Viridi**

**Class- B.A. III**

**Subject- Geography**

**Paper- Economic Geography**

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>Chapter 8 - Transport and Communication contd...</b> <ul style="list-style-type: none"><li>• Water Transport</li><li>• Air Transport</li><li>• Pipelines</li><li>• Satellite Communication</li></ul>
<b>10 Nov-16 Nov, 2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>Chapter 9 - International Trade</b> <ul style="list-style-type: none"><li>• Meaning of International Trade</li><li>• History of International Trade</li><li>• Basis of International Trade</li><li>• Basis of International Trade</li><li>• Balance of Trade</li></ul> Recent Trends in International Trade
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<ul style="list-style-type: none"><li>• Revision</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

Name of the Teacher – Ms. Priyanka

Class- B.A. II

Subject- Geography

Paper- Physical Geography

<b>August, 2023</b> 1 <sup>st</sup> Week 1 Aug- 5 Aug	<b>Chapter 1 Weather and Climate</b> <ul style="list-style-type: none"><li>• Meaning and definition of Weather and Climate</li><li>• Elements and difference between climate and weather</li></ul>
<b>6 Aug, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 7 Aug - 12 Aug	<b>Chapter 2 Composition and Structure of the Atmosphere</b> <ul style="list-style-type: none"><li>• Meaning of Atmosphere</li><li>• Composition of Atmosphere</li><li>• Structure of the Atmosphere</li></ul>
<b>13 Aug, 2023</b>	<b>Sunday</b>
3 <sup>rd</sup> Week 14 Aug-19 Aug	<b>Chapter 2 Composition and Structure of the Atmosphere cont...</b> <ul style="list-style-type: none"><li>• Chemical composition of Atmosphere</li><li>• Importance of Atmosphere</li></ul>
<b>15 Aug, 2023</b> <b>20 Aug, 2023</b>	<b>Independence Day</b> <b>Sunday</b>
4 <sup>th</sup> Week 21 Aug-26 Aug	<b>Chapter 3 Insolation and Temperature</b> <ul style="list-style-type: none"><li>• Insolation</li><li>• Heat Budget of the Earth</li><li>• Heating and Cooling of Atmosphere Temperature</li><li>• Factors affecting Insolation</li></ul>
<b>27 Aug, 2023</b>	<b>Sunday</b>
5 <sup>th</sup> Week 28 Aug-31Aug	<b>Chapter 3 Insolation and Temperature cont...</b> <ul style="list-style-type: none"><li>• Horizontal Distribution of Temperature</li><li>• Factors controlling temperature</li></ul>
<b>30 Aug, 2023</b>	<b>RakshaBandhan</b>

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## Lesson Plan for the Odd Semester, 2023 (August- December)

Name of the Teacher – Ms. Priyanka

Class- B.A. II

Subject- Geography

Paper- Physical Geography

<b>September, 2023</b> 1 <sup>st</sup> Week 1 Sept-2 Sept	<b>Chapter 3 Insolation and Temperature</b> <ul style="list-style-type: none"><li>• Range of temperature</li><li>• Types of inversion of temperature</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 4 Sept- 9 Sept	<b>Chapter 4 – Atmospheric Pressure And Winds</b> <ul style="list-style-type: none"><li>• Air pressure</li><li>• Effects and importance of air pressure</li><li>• Vertical and Horizontal distribution of atmospheric pressure</li><li>• Seasonal distribution of air pressure</li><li>• Winds, Factors controlling the direction of winds</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
3 <sup>rd</sup> Week 11 Sept-16 Sept	<ul style="list-style-type: none"><li>• <b>Chapter 4 – Atmospheric Pressure And Winds cont...</b></li><li>• Types of winds</li><li>• Permanent winds</li><li>• Periodic winds</li><li>• Local wind</li></ul>
^	<b>Sunday</b>
4 <sup>th</sup> Week 18 Sept-22Sept	<b>Chapter-5 Atmospheric Humidity and Precipitation</b> <ul style="list-style-type: none"><li>• Definition and Water vapors: Meaning and importance</li><li>• Ways to express humidity</li><li>• Evaporation: factors controlling rate of evaporation</li><li>• Latitudinal distribution of evaporation</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
5 <sup>th</sup> Week 26 Sept - 30 Sept	<b>Chapter-5 Atmospheric Humidity and Precipitation cont...</b> <ul style="list-style-type: none"><li>• Condensation Clouds Types of clouds</li><li>• Precipitation</li><li>• Types of precipitation</li><li>• Distribution of rainfall in the world</li><li>• Hydrological cycle</li></ul>

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## Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Priyanka

Class- B.A. II

Subject- Geography

Paper- Physical Geography

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>Chapter -6 Air masses, Fronts and Cyclones</b> <ul style="list-style-type: none"><li>• Meaning and definition of Air masses</li><li>• Fronts: Definition and main characteristics</li><li>• Cyclones: Meaning and General characteristics</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>Chapter -7 Climate Classification</b> <ul style="list-style-type: none"><li>• Koeppen’s Scheme of Classification</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>Chapter -8 Climate change and Global Warming</b> <ul style="list-style-type: none"><li>• Climate change</li><li>• Global warming, Factors responsible for global warming</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>23 Oct– 27Oct</b>	<b>Chapter -9 Surface Configuration of the Ocean floor</b> <ul style="list-style-type: none"><li>• Floor of the ocean</li><li>• Classification of ocean floor</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>Chapter- 10 Temperature and salinity of oceanic water</b> <ul style="list-style-type: none"><li>• Temp. of oceanic water</li><li>• Salinity of oceanic water</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

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## Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Priyanka

Class- B.A. II

Subject- Geography

Paper- Physical Geography

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>Chapter- 11 Circulation of the oceanic</b> <ul style="list-style-type: none"><li>• Sea waves</li><li>• Currents of the Atlantic ocean</li></ul>
<b>10 Nov-16 Nov, 2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>Chapter - 11 Circulation of the oceanic water cont...</b> <ul style="list-style-type: none"><li>• Tides</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<b>Chapter - 12 Oceanic Resources</b> <ul style="list-style-type: none"><li>• Oceanic Resources</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>



# KVA DAV College for Women, Karnal

## Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Pinki

Class- B.A. I

Subject- Geography

Paper- Physical Geography

<b>August, 2023</b> 1 <sup>st</sup> Week 1 Aug- 5 Aug	<b>Chapter 1 – Interior of Earth</b> <ul style="list-style-type: none"><li>• Sources of Knowing Interior of Earth</li><li>• Conclusion of Knowledge from seismology and interior of the Earth</li></ul>
<b>6 Aug, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 7 Aug - 12 Aug	<b>Chapter 1 – Interior of Earth Contd.</b> <ul style="list-style-type: none"><li>• Different Interior Layers and their Chemical Composition</li></ul> <b>Chapter 2 – Geological Time Scale</b> <ul style="list-style-type: none"><li>• Origin and Age of the Earth</li><li>• Meaning, Purpose</li><li>• Importance and Time spans</li></ul>
<b>13 Aug, 2023</b>	<b>Sunday</b>
3 <sup>rd</sup> Week 14 Aug-19 Aug	<b>Chapter 3 – Rocks</b> <ul style="list-style-type: none"><li>• Meaning and Definition of the Rocks</li><li>• Classification of Rocks</li></ul> <b>Chapter 4 - Theory of Isostasy</b> <ul style="list-style-type: none"><li>• Meaning, Definition</li><li>• Proposition of Theory of Isostasy</li><li>• Views</li></ul>
<b>15 Aug, 2023</b> <b>20 Aug, 2023</b>	<b>Independence Day</b> <b>Sunday</b>
4 <sup>th</sup> Week 21 Aug-26 Aug	<b>Chapter 5 - Theory of Continental Drift</b> <ul style="list-style-type: none"><li>• Wegener's Theory of Continental Drift</li></ul> <b>Chapter 6 - Plate Tectonics</b> <ul style="list-style-type: none"><li>• Plate Tectonic Theory- Origin and Evolution</li><li>• Types and Characteristics of Plates</li><li>• Basic assumption of Plate Tectonic</li></ul>
<b>27 Aug, 2023</b>	<b>Sunday</b>
5 <sup>th</sup> Week 28 Aug-31Aug	<b>Chapter 7 - Earthquakes and Volcanoes</b> <ul style="list-style-type: none"><li>• Meaning, Definition and Origin of Earthquakes and waves</li><li>• Classification of Earthquakes</li><li>• Distribution of Earthquakes</li><li>• Meaning, Definition, Causes of Volcanoes Eruption</li><li>• Types of Volcanoes</li><li>• Distribution of Volcanoes</li></ul>
<b>30 Aug, 2023</b>	<b>Raksha Bandhan</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Odd Semester, 2023 (August- December)

Name of the Teacher – Ms. Pinki  
Class- B.A. I  
Subject- Geography  
Paper- Physical Geography

<b>September, 2023</b> 1 <sup>st</sup> Week 1 Sept-2 Sept	<b>Chapter 8 – Weathering</b> <ul style="list-style-type: none"><li>• Meaning of Weathering</li><li>• Weathering -Physical Weathering</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 4 Sept- 9 Sept	<b>Chapter 8 - Mass Movements and Resultant Landforms</b> <ul style="list-style-type: none"><li>• Definition</li><li>• Factors Affecting Mass Movements</li><li>• Types and Importance Of Mass Movements</li></ul> <b>Chapter 9 – landforms generated by geomorphic agents</b> <ul style="list-style-type: none"><li>• (The Work of Rivers and Produced Landforms)</li><li>• Landforms produced in the River Valley</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
3 <sup>rd</sup> Week 11 Sept-16 Sept	<b>Chapter 9 - The Work of Rivers and Produced Landforms contd...</b> <ul style="list-style-type: none"><li>• Landforms produced in the River Valley</li></ul> <b>Chapter 10 - Underground Water Landforms</b> <ul style="list-style-type: none"><li>• Sources of Underground Water</li><li>• Work of Underground Water (Erosional Work)</li></ul>
<b>17 Sept, 2023</b>	<b>Sunday</b>
4 <sup>th</sup> Week 18 Sept-22Sept	<b>Chapter 11 - The Work of Wind and Aeolian Landforms</b> <ul style="list-style-type: none"><li>• Meaning and Area of Operation</li><li>• Work of Wind</li><li>• Landforms Produced by Wind Erosion</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
5 <sup>th</sup> Week 26 Sept - 30 Sept	<b>Chapter 12 - The Work of Glaciers and Glaciated Landforms</b> <ul style="list-style-type: none"><li>• Erosional work of Glacier</li><li>• Landforms produced by Glacial Erosion</li></ul> <b>Chapter 13 - Weather and Climate</b> <ul style="list-style-type: none"><li>• Meaning and definition of Weather and Climate</li><li>• Elements and difference between climate and weather</li></ul>

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### Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Pinki

Class- B.A. I

Subject- Geography

Paper- Physical Geography

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>Chapter 14 - Composition and Structure of the Atmosphere</b> <ul style="list-style-type: none"> <li>• Composition of Atmosphere</li> <li>• Structure of the Atmosphere</li> </ul> <b>Chapter 15 - Insolation and Temperature</b> <ul style="list-style-type: none"> <li>• Insolation</li> <li>• Heat Budget of the Earth and Factors affecting Insolation</li> </ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>Chapter 16 – Atmospheric Pressure And Winds</b> <ul style="list-style-type: none"> <li>• Air pressure</li> <li>• Vertical and Horizontal distribution of atmospheric pressure</li> <li>• Seasonal distribution of air pressure</li> <li>• <b>Winds</b></li> <li>• Factors controlling the direction of winds</li> </ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>Chapter 16 – Atmospheric Pressure And Winds cont...</b> <ul style="list-style-type: none"> <li>• Permanent winds</li> <li>• Periodic winds and local winds</li> </ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup>Week</b> <b>23 Oct– 27Oct</b>	<b>Chapter-17 Atmospheric Humidity and Precipitation</b> <ul style="list-style-type: none"> <li>• Definition and Water vapors: Meaning and importance</li> <li>• Ways to express humidity</li> <li>• Evaporation: factors controlling rate of evaporation</li> <li>• Latitudinal distribution of evaporation</li> <li>• Condensation, Clouds Types of clouds</li> </ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>Chapter-17 Atmospheric Humidity and Precipitation cont...</b> <ul style="list-style-type: none"> <li>• Precipitation</li> <li>• Types of precipitation</li> <li>• Distribution of rainfall in the world</li> </ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

**Name of the Teacher – Ms. Pinki**

**Class- B.A. I**

**Subject- Geography**

**Paper- Physical Geography**

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>Chapter -18 Surface Configuration of the Ocean floor</b> <ul style="list-style-type: none"><li>• Floor of the ocean</li><li>• Classification of ocean floor</li></ul>
<b>10 Nov-16 Nov, 2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>Chapter- 19 Circulation of the oceanic water</b> <ul style="list-style-type: none"><li>• Currents</li><li>• Currents of the pacific ocean</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<b>Chapter- 19 Circulation of the oceanic water contd...</b> <ul style="list-style-type: none"><li>• Currents of the Atlantic ocean</li><li>• Currents of the Indian ocean</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August- December)

Name of the Teacher – Ms. Pinki Rani

Class- B.Sc I

Subject- Geography

Paper- Physical Geography of India

<b>September, 2023</b> 1 <sup>st</sup> Week 1 Sept-2 Sept	UNIT –I Geological History of India
<b>3 Sept, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 4 Sept- 9 Sept	UNIT –I Geological History of India contd...
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
3 <sup>rd</sup> Week 11 Sept-16 Sept	UNIT –I Regions of India
<b>17 Sept, 2023</b>	<b>Sunday</b>
4 <sup>th</sup> Week 18 Sept-22Sept	UNIT –I Regions of India contd...
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
5 <sup>th</sup> Week 26 Sept - 30 Sept	UNIT –I <ul style="list-style-type: none"><li>• Physiographic structure and division of India</li></ul>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Pinki Rani

Class- B.Sc I

Subject- Geography

Paper- Physical Geography of India

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>UNIT –I</b> <ul style="list-style-type: none"><li>• Physiographic structure and division of India contd...</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>UNIT –II</b> <ul style="list-style-type: none"><li>• Drainage system and its evolution</li><li>• Himalayan river system</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>UNIT –II</b> <ul style="list-style-type: none"><li>• Peninsular river system</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>23 Oct– 27 Oct</b>	<b>UNIT –II</b> <ul style="list-style-type: none"><li>• Hydrological Regimes of Indian rivers</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>UNIT –II</b> <ul style="list-style-type: none"><li>• Hydrological Regimes of peninsular river</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Pinki Rani  
Class- B.Sc I  
Subject- Geography  
Paper- Physical Geography of India

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>UNIT –III</b> <ul style="list-style-type: none"><li>• Temperature and its distribution</li><li>• Air pressure</li><li>• Rainfall and its type</li></ul>
<b>10 Nov-16 Nov, 2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>UNIT –III</b> <ul style="list-style-type: none"><li>• Monsoon:- circulation and its theory</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<b>UNIT –IV</b> <b>Natural vegetation</b> <ul style="list-style-type: none"><li>• Classification and Distribution</li></ul> <b>Soil</b> <ul style="list-style-type: none"><li>• Classification and Distribution</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Pinki Rani

Class- M.Sc. I

Subject- Geography

Paper- GEOG – 101, Climatology

<b>August, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Aug- 5 Aug</b>	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Definition of weather and climate</li><li>• Climatology and Meteorology</li></ul>
<b>6 Aug, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>7 Aug - 12 Aug</b>	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Origin of Atmosphere</li><li>• Composition of Atmosphere</li><li>• Structure of Atmosphere</li></ul>
<b>13 Aug, 2023</b>	<b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>14 Aug-19 Aug</b>	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Solar radiation</li><li>• Heat Budget</li><li>• Temperature Distribution</li></ul>
<b>15 Aug, 2023</b> <b>20 Aug, 2023</b>	<b>Independence Day</b> <b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>21 Aug-26 Aug</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Atmospheric pressure Concept</li><li>• Distribution pattern of Atmospheric Pressure</li><li>• General circulation of winds</li></ul>
<b>27 Aug, 2023</b>	<b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>28 Aug-31Aug</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Planetary winds</li><li>• Walker circulation- ENSO and La Nina</li><li>• Origin of Monsoons and Jet Streams.</li></ul>
<b>30 Aug, 2023</b>	<b>Raksha Bandhan</b>



## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August- December)

Name of the Teacher – Ms. Pinki Rani

Class- M.Sc. I

Subject- Geography

Paper- GEOG – 101, Climatology

<b>September, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Sept-2 Sept</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Origin of Monsoons and Jet Streams.</li><li>• Land Breezes and Sea Breezes</li><li>• Local winds</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup>Week</b> <b>4 Sept- 9 Sept</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Atmospheric Moisture</li><li>• Concept of Humidity Concept of Evaporation</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>11 Sept-16 Sept</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Condensation and forms of Condensation</li><li>• Concept of Clouds and their types</li></ul>
<b>17 Sept, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>18 Sept-22Sept</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Precipitation: Concept</li><li>• Dynamics of Precipitation</li><li>• Forms of Precipitation</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
<b>5<sup>th</sup> Week</b> <b>26 Sept - 30 Sept</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Types of Precipitation</li><li>• Theories of Precipitation</li></ul>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Pinki Rani

Class- M.Sc. I

Subject- Geography

Paper- GEOG – 101, Climatology

-

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Stability and instability of atmosphere</li><li>• Air masses Concept</li><li>• Types of Air masses cont....</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Types of Air masses</li><li>• Fronts Concept</li><li>• Types of Fronts</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Weather systems</li><li>• Extra tropical Cyclones</li><li>• Tropical cyclones.</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup>Week</b> <b>23 Oct– 27Oct</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Climatic classification</li><li>• Bases of climatic classification by Koeppen</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Bases of climatic classification by Trewartha</li><li>• Bases of climatic classification by Thornthwaite.</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

Name of the Teacher – Ms. Pinki Rani

Class- M.Sc. I

Subject- Geography

Paper- GEOG – 101, Climatology

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Bases of climatic classification by Thornthwaite.</li><li>• Climatic change Concept</li></ul>
<b>10 Nov-16 Nov, 2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Evidences of Climate Change and its explanation</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Global warming and its impacts.</li><li>• <b>Revision</b></li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Sonia  
Class- M.Sc. I  
Subject- GEOGRAPHY  
Paper- GEOG-102 Geography of India

<b>August, 2023</b> 1 <sup>st</sup> Week 1 Aug- 5 Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Major terrain elements of India</li><li>• Major physiographic division of India</li></ul>
<b>6 Aug, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 7 Aug - 12 Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Major physiographic division of India</li></ul>
<b>13 Aug, 2023</b>	<b>Sunday</b>
3 <sup>rd</sup> Week 14 Aug-19 Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Drainage systems of India</li><li>• Himalayas and peninsular drainage system</li><li>Functional significance of drainage system</li></ul>
<b>15 Aug, 2023</b> <b>20 Aug, 2023</b>	<b>Independence Day</b> <b>Sunday</b>
4 <sup>th</sup> Week 21 Aug-26 Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Regional and seasonal variations in climate of India</li></ul>
<b>27 Aug, 2023</b>	<b>Sunday</b>
5 <sup>th</sup> Week 28 Aug-31Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Climate regions of India.</li></ul>
<b>30 Aug, 2023</b>	<b>Raksha Bandhan</b>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August- December)

Name of the Teacher – Ms. Sonia  
Class- M.Sc. I  
Subject- GEOGRAPHY  
Paper- GEOG-102 Geography of India

<b>September, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Sept-2 Sept</b>	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Soil</li><li>• Types of soil, their distribution and characteristics</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>4 Sept- 9 Sept</b>	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Vegetation</li><li>• Types of vegetation and their characteristics and its conservation</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>11 Sept-16 Sept</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Agriculture</li><li>• Characteristics of Indian agriculture,</li></ul>
<b>17 Sept, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>18 Sept-22Sept</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Agricultural development in India since independence</li><li>• Problems of Indian agriculture</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
<b>5<sup>th</sup> Week</b> <b>26 Sept - 30 Sept</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Irrigation Development In India</li></ul>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

Name of the Teacher – Ms. Sonia  
Class- M.Sc. I  
Subject- GEOGRAPHY  
Paper- GEOG-102 Geography of India

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Environmental impacts of irrigation</li><li>• Development projects with special reference to Bhakra Nangal Canal</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Irrigation Development In India</li><li>• Development projects with special reference to Bhakra Nangal contd...</li><li>• Indira Gandhi Canal</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Production and distribution of following minerals and power resources.</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup>Week</b> <b>23 Oct– 27Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Minerals</li><li>• Iron ore, mica, manganese, bauxite.</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Power Resources</li><li>• Coal, petroleum, hydropower.</li><li>• The status of their use and need for conservation</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

Name of the Teacher – Ms. Sonia  
Class- M.Sc. I  
Subject- GEOGRAPHY  
Paper- GEOG-102 Geography of India

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>UNIT -IV</b> <ul style="list-style-type: none"><li>• Production and distribution of</li><li>• Iron and steel, Cotton textile, Automobile industry</li><li>• Industrial Regions, Major industrial regions of India</li><li>• Characteristics of industrial region.</li></ul>
<b>10 Nov-16 Nov, 2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>UNIT –IV</b> <ul style="list-style-type: none"><li>• T Patterns of international trade</li><li>• Exports and Imports of India’s Trade, Patterns of domestic trade</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<b>UNIT –IV</b> <ul style="list-style-type: none"><li>• Major exports and imports of India’s trade</li><li>• Balance of payment.</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Sonia  
Class- M.Sc. I  
Subject- GEOGRAPHY  
Paper- GEOG – 103, Economic Geography

<b>August, 2023</b> 1 <sup>st</sup> Week 1 Aug- 5 Aug	<b>Unit I</b> <ul style="list-style-type: none"><li>• Definition, Nature, Scope of Economic geography</li><li>• Approaches of economic geography.</li></ul>
<b>6 Aug, 2023</b> 2 <sup>nd</sup> Week 7 Aug - 12 Aug	<b>Sunday</b> <b>Unit I</b> <ul style="list-style-type: none"><li>• Relationship of economic geography with economics and other branches of social sciences.</li><li>• World Economies: bases of classification</li><li>• Patterns and characteristics of developed economies cont....</li></ul>
<b>13 Aug, 2023</b> 3 <sup>rd</sup> Week 14 Aug-19 Aug	<b>Sunday</b> <b>Unit I</b> <ul style="list-style-type: none"><li>• Patterns and characteristics of developed economies</li><li>• Patterns and characteristics of Developing economies of the world</li></ul>
<b>15 Aug, 2023</b> <b>20 Aug, 2023</b>	<b>Independence Day</b> <b>Sunday</b>
<b>4<sup>th</sup> Week</b> 21 Aug-26 Aug	<b>Unit II</b> <ul style="list-style-type: none"><li>• Energy Resources</li><li>• Types of Energy Resources</li><li>• Production and Distribution of Coal and Petroleum</li></ul>
<b>27 Aug, 2023</b> 5 <sup>th</sup> Week 28 Aug-31Aug	<b>Sunday</b> <b>Unit II</b> <ul style="list-style-type: none"><li>• Mineral Resources</li><li>• Types of Mineral Resources</li></ul>
<b>30 Aug, 2023</b>	<b>Raksha Bandhan</b>



**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August- December)**

Name of the Teacher – Ms. Sonia  
Class- M.Sc. I  
Subject- GEOGRAPHY  
Paper- GEOG – 103, Economic Geography

<b>September, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Sept-2 Sept</b>	<b>Unit II</b> <ul style="list-style-type: none"><li>• Production and Distribution of Iron - Ore and Bauxite</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup>Week</b> <b>4 Sept- 9 Sept</b>	<b>Unit III</b> <ul style="list-style-type: none"><li>• Network structure and economic activities</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>11 Sept-16 Sept</b>	<b>Unit III</b> <ul style="list-style-type: none"><li>• Impact of transport on economic activities</li><li>• Edward Ullman’s spatial interaction model</li></ul>
<b>17 Sept, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>18 Sept-22Sept</b>	<b>Unit III</b> <ul style="list-style-type: none"><li>• Basic concepts in location problems</li><li>• Location models of Weber, Christaller and Losch</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
<b>5<sup>th</sup>Week</b> <b>26 Sept - 30 Sept</b>	<b>Unit III</b> <ul style="list-style-type: none"><li>• Basic concepts in location problems</li><li>• Location models of Weber, Christaller and Losch</li></ul>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

Name of the Teacher – Ms. Sonia  
Class- M.Sc. I  
Subject- GEOGRAPHY  
Paper- GEOG – 103, Economic Geography

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>Unit IV</b> <ul style="list-style-type: none"><li>• Concept of economic growth and development</li><li>• Globalization</li><li>• Pattern of Economic Development</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>Unit IV</b> <ul style="list-style-type: none"><li>• Globalization</li><li>• Pattern of Economic Development</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>Unit IV</b> <ul style="list-style-type: none"><li>• Recent trends in pattern of international trade.</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup>Week</b> <b>23 Oct– 27Oct</b>	<b>Unit IV</b> <ul style="list-style-type: none"><li>• Emergence of a new global economy</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>Unit IV</b> <ul style="list-style-type: none"><li>• Concept of Transnational integration and its spatial outcomes</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Sonia  
Class- M.Sc. I  
Subject- GEOGRAPHY  
Paper- GEOG – 103, Economic Geography

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>Unit IV</b> <ul style="list-style-type: none"><li>• Concept of Transnational integration and its spatial outcomes cont...</li><li>• Major regional trade blocks of the world</li></ul>
<b>10 Nov-16 Nov, 2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>Unit IV</b> <ul style="list-style-type: none"><li>• Free trade initiatives (GATT)</li><li>• Free trade initiatives (UNCTAD, WTO)</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<ul style="list-style-type: none"><li>• Revision</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- GEOGRAPHY

Paper- GEOG – 104, Statistical Methods in Geography

<b>August, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Aug- 5 Aug</b>	<b>Unit I</b> <ul style="list-style-type: none"><li>• Introduction to Descriptive Statistics</li><li>• Histograms and Graphs</li></ul>
<b>6 Aug, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>7 Aug - 12 Aug</b>	<b>Unit I</b> <ul style="list-style-type: none"><li>• Measures of Central Tendency - Introduction</li><li>• Mean</li><li>• Median</li></ul>
<b>13 Aug, 2023</b>	<b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>14 Aug-19 Aug</b>	<b>Unit I</b> <ul style="list-style-type: none"><li>• Mode</li><li>• Partitioned values – Introduction</li></ul>
<b>15 Aug, 2023</b> <b>20 Aug, 2023</b>	<b>Independence Day</b> <b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>21 Aug-26 Aug</b>	<b>Unit I</b> <ul style="list-style-type: none"><li>• Quartiles</li><li>• Deciles</li></ul>
<b>27 Aug, 2023</b>	<b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>28 Aug-31Aug</b>	<b>Unit I</b> <ul style="list-style-type: none"><li>• Comparing the mean, median and mode.</li><li>• Measures of Dispersion – Introduction</li></ul>
<b>30 Aug, 2023</b>	<b>RakshaBandhan</b>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August- December)

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- GEOGRAPHY

Paper- GEOG – 104, Statistical Methods in Geography

<b>September, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Sept-2 Sept</b>	<b>Unit I</b> <ul style="list-style-type: none"><li>• Absolute measures – Introduction</li><li>• Range</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup>Week</b> <b>4 Sept- 9 Sept</b>	<b>Unit I</b> <ul style="list-style-type: none"><li>• Quartile Deviation</li><li>• Mean Deviation</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>11 Sept-16 Sept</b>	<b>Unit I</b> <ul style="list-style-type: none"><li>• Standard Deviation</li><li>• Relative measure of dispersion – Introduction</li><li>• Coefficient of variation</li></ul>
<b>17 Sept, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>18 Sept-22Sept</b>	<b>Unit II</b> <ul style="list-style-type: none"><li>• Normal curve as a probability distribution</li><li>• Characteristics of Normal curve as a probability distribution</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
<b>5<sup>th</sup>Week</b> <b>26 Sept - 30 Sept</b>	<b>Unit II</b> <ul style="list-style-type: none"><li>• Area under curve</li><li>• Measure of inequality – Introduction</li></ul>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- GEOGRAPHY

Paper- GEOG – 104, Statistical Methods in Geography

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>Unit II</b> <ul style="list-style-type: none"><li>• Location quotient</li><li>• Lorenz curve.</li><li>• Test</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>Unit II</b> <ul style="list-style-type: none"><li>• Sampling – Introduction</li><li>• Theory of sampling</li><li>• Methods of sampling</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>Unit II</b> <ul style="list-style-type: none"><li>• Sampling distribution</li><li>• Chance errors in sampling</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>23 Oct– 27Oct</b>	<b>Unit III</b> <ul style="list-style-type: none"><li>• Bivariate Analysis – Introduction</li><li>• Scatter diagram</li><li>• Spearman’s rank correlation and Karl Pearson’s correlation coefficient</li><li>• Test of significance</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>Unit III</b> <ul style="list-style-type: none"><li>• Simple Linear Regression – Introduction</li><li>• Model properties of least square estimate</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

**Name of the Teacher – Ms. Muskan**

**Class- M.Sc. I**

**Subject- GEOGRAPHY**

**Paper- GEOG – 104, Statistical Methods in Geography**

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Model properties of least square estimate cont...</li><li>• Coefficient of determination</li></ul>
<b>10 Nov-16 Nov, 2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>Unit IV</b> <ul style="list-style-type: none"><li>• Residuals and their mapping</li><li>• Basics of multivariate analysis</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<b>Unit IV</b> <ul style="list-style-type: none"><li>• Correlation matrix</li><li>• Partial and multiple correlation</li><li>• Test</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- GEOGRAPHY

Paper- GEOG – 105, Cartographic Methods in Geography (Practical)

<b>August, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Aug- 5 Aug</b>	<b>Unit I</b> <ul style="list-style-type: none"><li>• Line Graph and Bar graph – Introduction</li><li>• Line Graph – Demo and Practice</li><li>• Bar Graph – Demo and Practice</li></ul>
<b>6 Aug, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>7 Aug - 12 Aug</b>	<b>Unit I</b> <ul style="list-style-type: none"><li>• Poly Graph – Introduction</li><li>• Poly Graph - Demo and Practice</li><li>• Rainfall deviation diagram -Demo and Practice</li></ul>
<b>13 Aug, 2023</b>	<b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>14 Aug-19 Aug</b>	<b>Unit I</b> <ul style="list-style-type: none"><li>• Climograph – Introduction</li><li>• Climograph by Taylor – Demo and Practice</li><li>• Climograph by Foster – Demo and Practice</li></ul>
<b>15 Aug, 2023</b> <b>20 Aug, 2023</b>	<b>Independence Day</b> <b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>21 Aug-26 Aug</b>	<b>Unit I</b> <ul style="list-style-type: none"><li>• Hythergraph – Introduction</li><li>• Hythergraph-Demo and Practice</li></ul>
<b>27 Aug, 2023</b>	<b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>28 Aug-31Aug</b>	<b>Unit-I</b> <ul style="list-style-type: none"><li>• Isopleth – Introduction</li><li>• Isopleth- Demo and Practice</li></ul>
<b>30 Aug, 2023</b>	<b>Raksha Bandhan</b>



## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August- December)

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- GEOGRAPHY

Paper- GEOG – 105, Cartographic Methods in Geography (Practical)

<b>September, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Sept-2 Sept</b>	<b>Unit-I</b> <ul style="list-style-type: none"><li>• Wind rose diagram- Introduction</li><li>• Wind rose diagram- Demo and Practice</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup>Week</b> <b>4 Sept- 9 Sept</b>	<b>Unit II</b> <ul style="list-style-type: none"><li>• Types and properties of diagrams representing socio-economic data – Introduction</li><li>• One dimensional diagram – Introduction</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>11 Sept-16 Sept</b>	<b>Unit II</b> <ul style="list-style-type: none"><li>• Simple bar – Introduction</li><li>• Simple bar- Demo and Practice</li><li>• One dimensional diagram</li><li>• Multiple bar– Introduction</li><li>• Multiple bar - Demo and Practice</li></ul>
<b>17 Sept, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>18 Sept-22Sept</b>	<b>Unit II</b> <ul style="list-style-type: none"><li>• Comparative bar- Introduction</li><li>• Comparative bar - Demo and Practice</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
<b>5<sup>th</sup>Week</b> <b>26 Sept - 30 Sept</b>	<b>Unit II</b> <ul style="list-style-type: none"><li>• Two-dimensional diagram</li><li>• Pie diagram– Introduction</li><li>• Pie diagram- Demo and Practice</li><li>• Proportional circle - Demo and Practice</li></ul>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- GEOGRAPHY

Paper- GEOG – 105, Cartographic Methods in Geography (Practical)

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>Unit II</b> <ul style="list-style-type: none"><li>● Two-dimensional diagram</li><li>○ Rectangle – Introduction</li><li>○ Rectangle- Demo and Practice</li><li>● Square- Demo and Practice</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>Unit II</b> <ul style="list-style-type: none"><li>● Three-dimensional diagram</li><li>○ Sphere - Demo and Practice</li><li>○ Cube- Demo and Practice</li><li>○ Curbsi- Demo and Practice</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>Unit III</b> <ul style="list-style-type: none"><li>● Distribution Maps – Introduction</li><li>○ Dot Method – Demo and Practice</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>23 Oct– 27 Oct</b>	<b>Unit III</b> <ul style="list-style-type: none"><li>● Distribution Maps</li><li>● Choropleth (Monovariate) – Introduction</li><li>● Choropleth (Monovariate) – Demo and Practice</li><li>● Choropleth (Bivariate) – Demo and Practice</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>Unit IV</b> <ul style="list-style-type: none"><li>● Miscellaneous diagrams and graphs</li><li>● Trend graph– Introduction</li><li>● Trend graph – Demo and Practice</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

**Name of the Teacher – Ms. Muskan**

**Class- M.Sc. I**

**Subject- GEOGRAPHY**

**Paper- GEOG – 105, Cartographic Methods in Geography (Practical)**

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>Unit IV</b> <ul style="list-style-type: none"><li>• Age and Sex pyramid – Demo and Practice</li><li>• Miscellaneous diagrams and graphs</li></ul>
<b>10 Nov-16 Nov, 2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>Unit IV</b> <ul style="list-style-type: none"><li>• Flow diagram– Demo and Practice</li><li>• Cartogram – Introduction</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<b>Unit IV</b> <ul style="list-style-type: none"><li>• Cartogram– Demo and Practice</li><li>• Miscellaneous diagrams and graphs</li><li>• Accessibility maps – Demo and Practice</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Muskan

Class- M.Sc II

Subject- GEOGRAPHY

Paper- GEOG-301 GEOGRAPHY AND ECOSYSTEM

<b>August, 2023</b> 1 <sup>st</sup> Week 1 Aug- 5 Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Concept of Ecosystem</li><li>• Types of Ecosystems</li><li>• Components of Ecosystem</li></ul>
<b>6 Aug, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 7 Aug - 12 Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Functions of Ecosystem</li><li>• Energy Flow in Ecosystem</li><li>• Food Chain</li></ul>
<b>13 Aug, 2023</b>	<b>Sunday</b>
3 <sup>rd</sup> Week 14 Aug-19 Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Food Web</li><li>• Tropic Levels</li><li>• Ecological Production</li></ul>
<b>15 Aug, 2023</b> <b>20 Aug, 2023</b>	<b>Independence Day</b> <b>Sunday</b>
4 <sup>th</sup> Week 21 Aug-26 Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Ecological Pyramids</li><li>• Biogeochemical Cycles: Concept</li><li>• Hydrological Cycle</li></ul>
<b>27 Aug, 2023</b>	<b>Sunday</b>
5 <sup>th</sup> Week 28 Aug-31Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Carbon Cycle</li><li>• Oxygen Cycle</li></ul>
<b>30 Aug, 2023</b>	<b>Raksha Bandhan</b>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August- December)

Name of the Teacher – Ms. Muskan

Class- M.Sc II

Subject- GEOGRAPHY

Paper- GEOG-301 GEOGRAPHY AND ECOSYSTEM

<b>September, 2023</b> 1 <sup>st</sup> Week 1 Sept-2 Sept	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Nitrogen Cycle</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 4 Sept- 9 Sept	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Introduction to Biomes</li><li>• Scheme of Classification</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
3 <sup>rd</sup> Week 11 Sept-16 Sept	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Factors affecting the distribution of Biomes</li><li>• Tropical evergreen Rainforest Biome</li></ul>
<b>17 Sept, 2023</b>	<b>Sunday</b>
4 <sup>th</sup> Week 18 Sept-22Sept	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Savana biome</li><li>• Monsoon biome</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
5 <sup>th</sup> Week 26 Sept - 30 Sept	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Temperate biome</li><li>• Marine biome</li></ul>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Muskan

Class- M.Sc II

Subject- GEOGRAPHY

Paper- GEOG-301 GEOGRAPHY AND ECOSYSTEM

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>Ecosystem approach and its relevance in geography</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>Man-environment relationship: Classification of resources</li><li>Use and Ecological imbalance with reference to soil resources</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>Use and Ecological imbalance with reference to soil resources</li><li>Use and Ecological imbalance with reference forests resources</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup>Week</b> <b>23 Oct– 27Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>Use and Ecological imbalance with reference Energy resources</li><li>Biodiversity and conservation</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>Preservation and Conservation of ecosystem through resource management.</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

**Name of the Teacher – Ms. MUSKAN**

**Class-M.Sc II**

**Subject- GEOGRAPHY**

**Paper- GEOG-301 GEOGRAPHY AND ECOSYSTEM**

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Concept of Air Pollution</li><li>• Concept of Water Pollution</li><li>• Concept of Noise Pollution</li></ul>
<b>10 Nov-16 Nov,</b> <b>2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Environment legislation</li><li>• The Stockholm Conference</li><li>• The Earth Summit</li><li>• Kyoto Protocol and Copenhagen Conference</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Environmental laws in India</li><li>• The Wild Life Act</li><li>• Water Act, Forest Act, Environment Protection Act National Environment Tribunal Act</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Priyanka

Class- M.Sc. II

Subject- GEOGRAPHY

Paper- GEOG-302 (A) FIELD METHODS IN GEOGRAPHY (SOCIO-ECONOMIC)

<b>August, 2023</b> 1 <sup>st</sup> Week 1 Aug- 5 Aug	<b>UNIT -I</b> <ul style="list-style-type: none"><li>• Significance of Field Work In Geography</li></ul>
<b>6 Aug, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 7 Aug - 12 Aug	<b>UNIT -I</b> <ul style="list-style-type: none"><li>• Identification of Research Problem</li></ul>
<b>13 Aug, 2023</b>	<b>Sunday</b>
3 <sup>rd</sup> Week 14 Aug-19 Aug	<b>UNIT -I</b> <ul style="list-style-type: none"><li>• Research Problem</li><li>• Identification of Research Problem</li></ul>
<b>15 Aug, 2023</b> <b>20 Aug, 2023</b>	<b>Independence Day</b> <b>Sunday</b>
4 <sup>th</sup> Week 21 Aug-26 Aug	<b>UNIT -I</b> <ul style="list-style-type: none"><li>• Formulation Of Research Design</li><li>• Research Design</li></ul>
<b>27 Aug, 2023</b>	<b>Sunday</b>
5 <sup>th</sup> Week 28 Aug-31Aug	<b>UNIT -I</b> <ul style="list-style-type: none"><li>• Steps Of Making Research Design</li></ul>
<b>30 Aug, 2023</b>	<b>Raksha Bandhan</b>



# KVA DAV College for Women, Karnal

## Lesson Plan for the Odd Semester, 2023 (August- December)

Name of the Teacher – Ms. Priyanka

Class- M.Sc. II

Subject- GEOGRAPHY

Paper- GEOG-302 (A) FIELD METHODS IN GEOGRAPHY (SOCIO-ECONOMIC)

<b>September, 2023</b> 1 <sup>st</sup> Week 1 Sept-2 Sept	<b>UNIT -I</b> <ul style="list-style-type: none"><li>Type and Sources of Data</li><li>Collection of Primary and Secondary Data</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 4 Sept- 9 Sept	<b>UNIT –I</b> <ul style="list-style-type: none"><li>Merit and Demerit of Primary and Secondary Data</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
3 <sup>rd</sup> Week 11 Sept-16 Sept	<b>UNIT –I</b> <ul style="list-style-type: none"><li>Questionnaire</li><li>Type of Questionnaire</li></ul>
<b>17 Sept, 2023</b>	<b>Sunday</b>
4 <sup>th</sup> Week 18 Sept-22Sept	<b>UNIT -II</b> <ul style="list-style-type: none"><li>Importance of Questionnaire</li><li>Preparation of Questionnaire</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
5 <sup>th</sup> Week 26 Sept - 30 Sept	<b>UNIT -II</b> <ul style="list-style-type: none"><li>Steps of making Questionnaire</li><li>Merit and Demerit of Questionnaire</li></ul>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023

(August - December)

Name of the Teacher – Ms. Priyanka

Class- M.Sc. II

Subject- GEOGRAPHY

Paper- GEOG-302 (A) FIELD METHODS IN GEOGRAPHY (SOCIO-ECONOMIC)

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<ul style="list-style-type: none"><li>• Sample Design</li><li>• Sampling</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>UNIT -II</b> <ul style="list-style-type: none"><li>• Type of Sampling</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<ul style="list-style-type: none"><li>• Collection of socio –economic data</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup>Week</b> <b>23 Oct– 27Oct</b>	<ul style="list-style-type: none"><li>• Retrieval and analysis of data</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<ul style="list-style-type: none"><li>• Field Survey</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

**Name of the Teacher – Ms. Priyanka**

**Class- M.Sc. II**

**Subject- GEOGRAPHY**

**Paper- GEOG-302 (A) FIELD METHODS IN GEOGRAPHY (SOCIO-ECONOMIC)**

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<ul style="list-style-type: none"><li>• Format of Report writing</li></ul>
<b>10 Nov-16 Nov,</b> <b>2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<ul style="list-style-type: none"><li>• Revision</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<ul style="list-style-type: none"><li>• Report writing</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Muskan

Class- M.Sc II

Subject- GEOGRAPHY

Paper- GEOG-303(I) URBAN GEOGRAPHY

<b>August, 2023</b> 1 <sup>st</sup> Week 1 Aug- 5 Aug	<b>Unit - I</b> <ul style="list-style-type: none"><li>• Urban Geography</li><li>• Nature of Urban Geography</li></ul>
<b>6 Aug, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 7 Aug - 12 Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Scope of Geography</li><li>• Concepts in Urban Geography</li></ul>
<b>13 Aug, 2023</b>	<b>Sunday</b>
3 <sup>rd</sup> Week 14 Aug-19 Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Origin and Evolution of towns In Ancient Period</li><li>• Pre – Historic or Pre – Vedic Period</li></ul>
<b>15 Aug, 2023</b>	<b>Independence Day</b>
<b>20 Aug, 2023</b>	<b>Sunday</b>
4 <sup>th</sup> Week 21 Aug-26 Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Origin and Growth of Medieval Towns</li><li>• Origin and Growth of Modern Towns</li></ul>
<b>27 Aug, 2023</b>	<b>Sunday</b>
5 <sup>th</sup> Week 28 Aug-31Aug	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Economic base of cities: concept</li><li>• Employment ratio.</li></ul>
<b>30 Aug, 2023</b>	<b>Raksha Bandhan</b>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August- December)

Name of the Teacher – Ms. Muskan

Class- M.Sc II

Subject- GEOGRAPHY

Paper- GEOG-303(I) URBAN GEOGRAPHY

<b>September, 2023</b> 1 <sup>st</sup> Week 1 Sept-2 Sept	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Techniques and measurement used for employment ratio</li><li>• Functional classification of cities: concepts</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> 4 Sept- 9 Sept	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Functional classification of cities: concepts</li><li>• Scheme of classification</li><li>• Rural Urban Fringe: structural characteristics</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
<b>3<sup>rd</sup> Week</b> 11 Sept-16 Sept	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Rural Urban Fringe: structural characteristics</li><li>• Development Of Rural Urban Fringe</li><li>• Rural Urban Fringe: structural characteristics</li></ul>
<b>17 Sept, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> 18 Sept-22Sept	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Rural Urban Fringe: structural characteristics</li><li>• Urban morphology and land use structure Introduction</li><li>• City core</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
<b>5<sup>th</sup> Week</b> 26 Sept - 30 Sept	<b>Unit – III</b> <ul style="list-style-type: none"><li>• City core</li><li>• Residential Land use Structure</li><li>• Industrial Land use Structure</li></ul>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

**Name of the Teacher – Ms. Muskan**

**Class- M.Sc II**

**Subject- GEOGRAPHY**

**Paper- GEOG-303(I) URBAN GEOGRAPHY**

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Industrial Land use Structure</li><li>• Concentric Zone Model by E.W. Burgess</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Concentric Zone Model by E.W. Burgess</li><li>• Sector Model by Homer Hoyt</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Multiple nuclei model by Harris and Ullman</li><li>• Central place theory of Christaller</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>23 Oct– 27 Oct</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Central place theory of Christaller</li><li>• Central place theory Losch</li><li>• Rank size rule</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Rank size rule</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

**Name of the Teacher – Ms. Muskan**

**Class- M.Sc**

**Subject- GEOGRAPHY**

**Paper- GEOG-303(I) URBAN GEOGRAPHY**

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Law of primate city</li><li>• Test</li></ul>
<b>10 Nov-16 Nov, 2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Social area analysis</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<ul style="list-style-type: none"><li>• Revision</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Sonia

Class- M.Sc. II

Subject- GEOGRAPHY

Paper- GEOG-304(I) POLITICAL GEOGRASPHY

<b>August, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Aug- 5 Aug</b>	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Introduction and Definition</li><li>• Nature and scope of political geography</li></ul>
<b>6 Aug, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>7 Aug - 12 Aug</b>	<b>Unit – I</b> <ul style="list-style-type: none"><li>• Approaches: the functional approach</li><li>• The unified field theory</li></ul>
<b>13 Aug, 2023</b>	<b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>14 Aug-19 Aug</b>	<b>Unit – I</b> <ul style="list-style-type: none"><li>• State</li><li>• Nation</li><li>• Nation State</li></ul>
<b>15 Aug, 2023</b> <b>20 Aug, 2023</b>	<b>Independence Day</b> <b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>21 Aug-26 Aug</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Unitary State</li><li>• Federal State</li></ul>
<b>27 Aug, 2023</b>	<b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>28 Aug-31Aug</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Regional State</li></ul>
<b>30 Aug, 2023</b>	<b>Raksha Bandhan</b>



# KVA DAV College for Women, Karnal

## Lesson Plan for the Odd Semester, 2023 (August- December)

Name of the Teacher – Ms. Sonia

Class- M.Sc. II

Subject- GEOGRAPHY

Paper- GEOG-304(I) POLITICAL GEOGRASPHY

<b>September, 2023</b> 1 <sup>st</sup> Week 1 Sept-2 Sept	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Unitary State</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 4 Sept- 9 Sept	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Federal State</li><li>• Regional State</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
3 <sup>rd</sup> Week 11 Sept-16 Sept	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Frontiers</li><li>• Boundaries</li></ul>
<b>17 Sept, 2023</b>	<b>Sunday</b>
4 <sup>th</sup> Week 18 Sept-22Sept	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Distinction between Frontiers and Boundaries</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
5 <sup>th</sup> Week 26 Sept - 30 Sept	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Demarcation of boundaries</li></ul>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

Name of the Teacher – Ms. Sonia  
Class- M.Sc. II  
Subject- GEOGRAPHY  
Paper- GEOG-304(I) POLITICAL GEOGRASPHY

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>Unit – II</b> <ul style="list-style-type: none"><li>• Classification of Frontiers</li><li>• Classification of Boundaries</li><li>• Functions of Frontiers and Boundaries</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Land Locked States</li><li>• Advantages of land locked states</li><li>• Disadvantage of land locked states</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Core areas</li><li>• Capitals</li><li>• Types of Core and Capitals</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup>Week</b> <b>23 Oct– 27Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Classification of Core and Capital Areas</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Global Strategic Views</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

**Name of the Teacher – Ms. Sonia**

**Class- M.Sc. II**

**Subject- GEOGRAPHY**

**Paper- GEOG-304(I) POLITICAL GEOGRASPHY**

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>Unit – III</b> <ul style="list-style-type: none"><li>• Mahan and Sea Power</li><li>• Mackinder and Heartland</li><li>• Spykman and Rimland</li><li>• Servasky and Air power</li></ul>
<b>10 Nov-16 Nov, 2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Developing laws of Sea</li><li>• Geopolitical Significance of Indian Ocean</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<b>Unit – IV</b> <ul style="list-style-type: none"><li>• Political Geography of India</li><li>• Water Disputes, Riparian Claims</li><li>• Kashmir Problem, Indo- Pak Relations</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Sonia

Class- M.Sc. II

Subject- GEOGRAPHY

Paper- GEOG-305(A) INTRODUCTION TO REMOTE SENSING (THEORY)

<b>August, 2023</b> 1 <sup>st</sup> Week 1 Aug- 5 Aug	<b>UNIT -I</b> <ul style="list-style-type: none"><li>• Fundamentals of Remote Sensing</li><li>• Definition and Scope</li></ul>
<b>6 Aug, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 7 Aug - 12 Aug	<b>UNIT –I</b> <ul style="list-style-type: none"><li>• EMR characteristics</li><li>• Interaction with matter</li></ul>
<b>13 Aug, 2023</b>	<b>Sunday</b>
3 <sup>rd</sup> Week 14 Aug-19 Aug	<b>UNIT –I</b> <ul style="list-style-type: none"><li>• Remote sensing regions and bands</li></ul>
<b>15 Aug, 2023</b> <b>20 Aug, 2023</b>	<b>Independence Day</b> <b>Sunday</b>
4 <sup>th</sup> Week 21 Aug-26 Aug	<b>UNIT -I</b> <ul style="list-style-type: none"><li>• Types of remote sensing</li></ul>
<b>27 Aug, 2023</b>	<b>Sunday</b>
5 <sup>th</sup> Week 28 Aug-31Aug	<b>UNIT -I</b> <ul style="list-style-type: none"><li>• Aerial Photographs Introduction</li></ul>
<b>30 Aug, 2023</b>	<b>Raksha Bandhan</b>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August- December)

Name of the Teacher – Ms. Sonia

Class- M.Sc. II

Subject- GEOGRAPHY

Paper- GEOG-305(A) INTRODUCTION TO REMOTE SENSING (THEORY)

<b>September, 2023</b> 1 <sup>st</sup> Week 1 Sept-2 Sept	<b>UNIT -I</b> <ul style="list-style-type: none"><li>Types and scale of Aerial Photographs</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 4 Sept- 9 Sept	<b>UNIT -I</b> <ul style="list-style-type: none"><li>Types of Resolution</li><li>Geometric properties of single aerial photos</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
3 <sup>rd</sup> Week 11 Sept-16 Sept	<b>UNIT -I</b> <ul style="list-style-type: none"><li>Stereoscopy – Concept</li></ul>
<b>17 Sept, 2023</b>	<b>Sunday</b>
4 <sup>th</sup> Week 18 Sept-22Sept	<b>UNIT -I</b> <ul style="list-style-type: none"><li>Stereoscopic Parallax</li><li>Relief Displacement</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
5 <sup>th</sup> Week 26 Sept - 30 Sept	<b>UNIT -I</b> <ul style="list-style-type: none"><li>General orbital characteristics of remote sensing satellites</li></ul>

## KVA DAV College for Women, Karnal

### Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Sonia

Class- M.Sc. II

Subject- GEOGRAPHY

Paper- GEOG-305(A) INTRODUCTION TO REMOTE SENSING (THEORY)

<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>UNIT - II</b> <ul style="list-style-type: none"><li>• General characteristics of remote sensing sensors</li><li>• Characteristics of Indian remote sensing satellite</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>UNIT - II</b> <ul style="list-style-type: none"><li>• Raw Remote Sensing data</li><li>• Interpretation of Satellite Imageries</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>UNIT – II</b> <ul style="list-style-type: none"><li>• Applications of Satellite Imageries</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>23 Oct– 27Oct</b>	<b>UNIT – II</b> <ul style="list-style-type: none"><li>• Elements of image interpretation</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>UNIT -II</b> <ul style="list-style-type: none"><li>• Image processing techniques Introduction</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

**KVA DAV College for Women, Karnal**

**Lesson Plan for the Odd Semester, 2023  
(August - December)**

Name of the Teacher – Ms. Sonia

Class- M.Sc. II

Subject- GEOGRAPHY

Paper- GEOG-305(A) INTRODUCTION TO REMOTE SENSING (THEORY)

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>UNIT -II</b> <ul style="list-style-type: none"><li>• Visual Interpretation</li></ul>
<b>10 Nov-16 Nov, 2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>UNIT -II</b> <ul style="list-style-type: none"><li>• Types of Visual Interpretation</li><li>• Digital Interpretation</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<b>UNIT -II</b> <ul style="list-style-type: none"><li>• Types of Digital Interpretation</li><li>• Applications in resource mapping and monitoring</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Odd Semester, 2023 (August - December)

Name of the Teacher – Ms. Sonia

Class- M.Sc. II

Subject- GEOGRAPHY

Paper- GEOG-305(B) INTRODUCTION TO REMOTE SENSING (PRACTICAL)

<b>August, 2023</b> 1 <sup>st</sup> Week 1 Aug- 5 Aug	<b>Exercise 1</b> <ul style="list-style-type: none"><li>• Identification of Flight Line – Introduction</li><li>• Identification of Flight Line - Demo and Practice</li></ul>
<b>6 Aug, 2023</b>	<b>Sunday</b>
2 <sup>nd</sup> Week 7 Aug - 12 Aug	<b>Exercise 2</b> <ul style="list-style-type: none"><li>• Scale of Photographs – Introduction</li><li>• Scale of Photographs with the help of Ground Distance- Demo and Practice</li></ul>
<b>13 Aug, 2023</b>	<b>Sunday</b>
3 <sup>rd</sup> Week 14 Aug-19 Aug	<b>Exercise 2</b> <ul style="list-style-type: none"><li>• Scale of Photographs</li><li>• Scale of Photographs with the help of Map - Demo and Practice</li></ul>
<b>15 Aug, 2023</b> <b>20 Aug, 2023</b>	<b>Independence Day</b> <b>Sunday</b>
4 <sup>th</sup> Week 21 Aug-26 Aug	<b>Exercise 2</b> <ul style="list-style-type: none"><li>• Scale of Photographs</li><li>• Scale of Photographs with the help of Focal Length and flying Height - Demo and Practice</li></ul>
<b>27 Aug, 2023</b>	<b>Sunday</b>
5 <sup>th</sup> Week 28 Aug-31Aug	<b>Exercise 3</b> <ul style="list-style-type: none"><li>• Determination of height of objects from single vertical photographs – Introduction</li><li>• Determination of height of objects from single vertical photographs - Demo and Practice</li></ul>
<b>30 Aug, 2023</b>	<b>Raksha Bandhan</b>



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<b>September, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Sept-2 Sept</b>	<b>Exercise 4</b> <ul style="list-style-type: none"><li>• Stereoscope and its types</li></ul>
<b>3 Sept, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup>Week</b> <b>4 Sept- 9 Sept</b>	<b>Exercise 4</b> <ul style="list-style-type: none"><li>• Stereoscope and its types</li><li>• Stereoscopy</li><li>• Identification of objects and features with stereoscope - Demo and Practice</li></ul>
<b>5 Sept, 2023</b> <b>7 Sept, 2023</b> <b>10 Sept, 2023</b>	<b>Talent Show</b> <b>Janmastami</b> <b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>11 Sept-16 Sept</b>	<b>Exercise 4</b> <ul style="list-style-type: none"><li>• Stereoscope and its types</li><li>• Stereoscopy</li><li>• Identification of objects and features with stereoscope - Demo and Practice</li></ul>
<b>17 Sept, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>18 Sept-22Sept</b>	<b>Exercise 5</b> <ul style="list-style-type: none"><li>• Land Use/Land Cover Maps – Introduction</li><li>• Land Use/Land Cover Map with the help of Aerial Photograph - Demo and Practice</li></ul>
<b>23 Sept, 2023</b> <b>24 Sept, 2023</b> <b>25 Sept, 2023</b>	<b>Shaheedi Divas/Haryana War Heroes' Martyrdom Day</b> <b>Sunday</b> <b>Annual Prize Distribution Function</b>
<b>5<sup>th</sup>Week</b> <b>26 Sept - 30 Sept</b>	<b>Exercise 5</b> <ul style="list-style-type: none"><li>• Land Use/Land Cover Maps</li><li>• Land Use/Land Cover Map with the help of Satellite Imagery - Demo and Practice</li></ul>

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<b>October, 2023</b> <b>1 Oct, 2023</b> <b>2 Oct, 2023</b>	<b>Sunday</b> <b>Mahatma Gandhi Jayanti</b>
<b>1<sup>st</sup> Week</b> <b>3 Oct – 7 Oct</b>	<b>Exercise 6</b> <ul style="list-style-type: none"><li>• Georeferencing – Introduction</li><li>• Georeferencing of satellite imagery in image processing software - Demo and Practice</li></ul>
<b>8 Oct, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>9 Oct - 14 Oct</b>	<b>Exercise 7</b> <ul style="list-style-type: none"><li>• Image to image rectification – Introduction</li><li>• Image to image rectification - Demo and Practice</li></ul>
<b>15 Oct, 2023</b>	<b>Maharaja Agrasen Jayanti, Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>16 Oct - 21 Oct</b>	<b>Exercise 8</b> <ul style="list-style-type: none"><li>• Creating subset – Introduction</li><li>• Creating subset - Demo and Practice</li></ul>
<b>22 Oct, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup>Week</b> <b>23 Oct– 27Oct</b>	<b>Exercise 8</b> <ul style="list-style-type: none"><li>• Creating subset – Introduction</li><li>• Creating subset - Demo and Practice</li></ul>
<b>24 Oct, 2023</b> <b>28 Oct, 2023</b> <b>29 Oct, 2023</b>	<b>Dussehra</b> <b>Maharishi Valmiki Jayanti</b> <b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>30 Oct – 31 Oct</b>	<b>Exercise 9</b> <ul style="list-style-type: none"><li>• Merging images of various resolution – Introduction</li><li>• Merging images of various resolution - Demo and Practice</li></ul>
<b>25 Oct – 4 Nov, 2023</b>	<b>Sessional Exams</b>

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Paper- - GEOG-305(B) INTRODUCTION TO REMOTE SENSING (PRACTICAL)

<b>November, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Nov, 2023</b> <b>5 Nov, 2023</b>	<b>Haryana Day</b> <b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Nov – 9 Nov</b>	<b>Exercise 9</b> <ul style="list-style-type: none"><li>• Merging images of various resolution – Introduction</li><li>• Merging images of various resolution - Demo and Practice</li></ul>
<b>10 Nov-16 Nov, 2023</b>	<b>Diwali Break</b>
<b>3<sup>rd</sup> Week</b> <b>17 Nov - 18 Nov</b>	<b>Exercise 10</b> <ul style="list-style-type: none"><li>• Making false color composite – Introduction</li><li>• Making false color composite - Demo and Practice</li></ul>
<b>19 Nov, 2023</b>	<b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Nov - 24 Nov</b>	<b>Exercise 10</b> <ul style="list-style-type: none"><li>• Making false color composite – Introduction</li><li>• Making false color composite - Demo and Practice</li></ul>
<b>5<sup>th</sup> Week</b> <b>25 Nov, 2023</b> <b>Onwards</b>	<b>University Examination</b>