**Govt. College for Women Gurawara Lesson Plan (2023-24)**

Name of the Assistant/ Associate Professor…DR. SAVITA RANI…….…………………….

Class and Section: B.A. 2nd (SEM) ………………………………………….………….… ……….

Subject:  Physical Geography

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| **Week** | **Topics** |
| 1  | 1. Definition, nature of Physical Geography.  |
| scope of Physical Geography.  |
| 2  | Interior structure of the earth,  |
|  geological time scale and rocks  |
| 3  | .Earth movements  |
|  orogenic and epeirogenic,   |
| earthquake  |
| volcanoes.  |
| 4  | Theory of Isostasy  |
| Wegner’s theory of continental drift   |
| Plate tectonic theory  |
| 5  | Weathering  |
| Weathering: causes and its types.  |
| 6  | Mass-movements  |
| Mass-movements: causes  |
| Mass-movements: types and impacts.  |
| 7  | Class discussion & Preparation of Short Questions.  |
| Concept of cycle of erosion; cycle of erosion by W.M. Davis   |
| 8    | cycle of erosion by W.M. Davis  |
| Processes and land forms of Wind, River, Underground water, Glacier and Sea wave  |
| 9  | land forms of Wind  |
| land forms of  River  |
| 10  |  land forms of Underground water  |
| land forms of Glacier   |
| 11-12  | land forms of Sea wave  |
| Group discussion  |
| 13-14   | Class Test  |
| Assignments   |
| 15  | presentation  |
| Class test  |

**Govt. College for Women Gurawara Lesson Plan (2023-24)**

Name of the Assistant/ Associate Professor    Jyoti….…………………….

Class and Section: B.A.4th SEM ……………………….……

Subject: Geography Theory   (Human Geography)

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| **Week** | **Topic** |
| 1  |  Human Geography.  |
| Division of mankind; Spatial Distribution of race and tribes of India.      |
| 2  | Division of mankind; Spatial Distribution of race and tribes of India.      |
| Concept of men and environment relation: A historical approach.  |
| 3  | Human adaptation to the environment.  |
| Human adaptation to the environment. Cold Region-Eskimo  |
| Plateau- Gonds  |
| Mountain - Gujjars  |
| 4  | Hot region –Bushman  |
| Meaning Nature and components of Resources.  |

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| 6    | Classification of Resources- renewal.  Biotic and Abiotic  |
| 7  | Test   |
| Distribution ,utilization and conversation of Biotic Resources (flora and fauna)  |
| Distribution ,utilization and conversation of Abiotic Resources  |
| 8  | Distribution and density of world population.   |
|   | World population growth.  |
| World Fertility and Mortality Patterns.  |

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| 9   | World Fertility and Mortality Patterns.  Concept of over, Under and Optimum population.   |
| 10  | Population Theory: Malthus.   |
| Population Theory: Ricardo  |
| Population Theory: Marxs  |
| 11  | Class test.  |
| Rural settlement: meaning, classification, and types.   |
| Urban settlement: origin, classification, and functions of towns.  |

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|   | Class test.  |
| Population pressure   |
| Resources use  |
| Environment degradation     |
| 12  | Sustainable development.  |
| Concept of deforestation.  |
| Soil erosion.  |
| 13  | Air pollution   |
| Water pollution  |
| Class discussion and preparation of short questions.  |
| Class test.  |
| 14  | Assignment presentation   |
| Assignment presentation   |
| Assignment presentation   |
| Revision   |
| Revision  |
| Revision  |
| Sunday  |
| 15  | Revision  |
| Revision  |

**Govt. College for Women Gurawara Lesson Plan (2023-24)**

Name of the Assistant/ Associate Professor…DR. SAVITA RANI…….…………………….

Class and Section: B.A 6th (SEM) ………………………………………….………….… ……….

Subject:  Geography Theory (Introduction to RS, GIS & Quantitative Methods)

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| **Week** | **Topics** |
| 1  | Introduction of Aerial Photographs.  |
| Advantages of Aerial Photos.   |
| 2  | Types of Aerial Photographs.  |
|  Interpretation of Aerial Photographs.  |
| 3  | Introduction of Remote Sensing.  |
| Electromagnetic Spectrum.  |
| Stages in Remote Sensing.   |
| Types of Remote Sensing Satellites.  |
| 3  | Sensors or Sensing Systems.   |

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| 3   | Imageries and their application.   |
| Types of imageries.   |
| 4  | Their application in field of Agriculture.    |
| Their application in field of Environment.    |
| Their application in field of Resource Mapping.    |
| 5  | Introduction to Geographical Information System.  |
| Spatial data format.  |
| 6  | Sequence of activities of G.I.S.  |
| Element of G.I.S.  |
| Advantages of G.I.S.  |
| 7  | Class discussion & Preparation of Short Questions.  |
| Application of G.I.S. in various fields.    |

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| 8   | G.I.S and Categories of Consumers.   |
|   | Measures of Central Tendency.  |
| Mean concept and calculation.  |
| 9  | Median concept and calculation.  |
| Measures of Dispersion.  |
| Range concept and calculation.  |
| 10  |  Vacation Quartile concept and calculation.  |
|  Quartile Deviation.   |
| 11-12  | Quartile Deviation.  |
| Mean Deviation.  |

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| 13-14  | Class Test.  |
| Standard Deviation.  |
| Standard Deviation.  |
| 15  | Merits & Demerits of Standard Deviation.  |
| Coefficient of variation.   |
| Class test  |