**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 |