Lesson Plan for Session: 2024-25

Subject: Geography, Class: BA 3rd, Sem- VIth

Teacher: Mr. Chandram Assistant Professor, Geography, G.C. Alewa

Paper: Introduction of Remote Sensing, GIS and Quantitative Methods

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| Months | Topics |
| 15/01/2025 to 31/01/2025 | Section-A |
| 1. Introduction to Aerial Photographs their advantages and types.2. Elements of Aerial Photo Interpretation. |
| 01/02/2025 to 28/02/2025 | Section-B |
| 3. Introduction to Remote Sensing: Electromagnetic spectrum, stages in remote sensing, type of satellites4. Types of Imageries and their application in various fields such as agriculture, environment and resource mapping. |
| 01/03/2025 to 31/03/2025 | Section-C |
| 5. Introduction to Geographical Information System: Definition, purpose, advantages and software and hardware requirements.6. Application of GIS in various fields of geography. |
| 01/04/2025 to 30/04/2025 | Section-D |
| 7. Measure of Central Tendency: Mean Median and Mode.8. Measure of Dispersion Range, Quartile deviation and Mean deviation, Standard deviation, Coefficient of variation9. Assignments and Class Test  |
| 01/05/2025 onwards | 10. Revision of all topics |

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Subject: Geography, Class: BA Ist , Sem- IInd

Teacher: Mr. Chandram Assistant Professor, Geography, G.C. Alewa

Paper: Introduction of Remote Sensing, GIS and Quantitative Methods

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| Months | Topics |
| 15/01/2025 to 31/01/2025 | Section-A |
| 1. Interior of the earth, geological time scale, rocks and their types.2. Theory of Isostasy, continental drift and plate tectonic. |
| 01/02/2025 to 28/02/2025 | Section-B |
| 3. Degradational processes: weathering, mass wasting and resultant landforms.4. Landforms generated by following geomorphic agents: river, under-ground water, wind and glacier. |
| 01/03/2025 to 31/03/2025 | Section-C |
| 5. Weather and climate: Atmosphere-composition and structure.6. Atmospheric temperature, pressure and moisture: measurement and distribution. |
| 01/04/2025 to 30/04/2025 | Section-D |
| 7. Surface configuration of ocean floors: surface relief of the Pacific, Atlantic and Indian Ocean.8. Circulation of oceanic waters: current of the Pacific, Atlantic and Indian Ocean. |
| 01/05/2025 onwards | 10. Revision of all topics |