

## Detailed Syllabus

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|--------------------------------|-------------------------|--|
| <b>Curriculum Designed for</b> |                         | <b>Grant-In-Aid</b>                            |
| <b>Semester: I</b>             | <b>Course No.: 113A</b> | <b>Course Code: DSC-1-MI GEO</b>               |
|                                |                         | <b>Course Title: Introduction to Geography</b> |
| <b>Credits:</b>                | 04                      | <b>Course Category: Minor</b>                  |

### Course Objectives:

| Number       | Objective  |
|--------------|--|
| Objective 1: | To explain the relationship of Geography with other disciplines and the solar system.  |
| Objective 2: | To develop understanding of the Earth's motion, seasons, and geographical grid system. |
| Objective 3: | To analyze the elements and factors influencing climate.                               |
| Objective 4: | To create awareness about sustainable development and environmental balance.           |
| Objective 5: |  |
| Objective 6: |  |

### Course Outcomes: On successful completion of the course, the learner will be able to

| CO#        | COGNITIVE ABILITIES | COURSE OUTCOMES  |
|------------|---------------------|--|
| <b>CO1</b> | REMEMBERING         | Recall basic concepts of Geography, solar system, and Earth's structure.       |
| <b>CO2</b> | UNDERSTANDING       | Explain Earth's movements, seasons, eclipses, and climatic concepts.           |
| <b>CO3</b> | APPLYING            | Apply knowledge to interpret weather patterns and climatic conditions.         |
| <b>CO4</b> | ANALYSING           | Analyze factors affecting climate and the origin of the Indian monsoon.        |
| <b>CO5</b> | EVALUATING          | Evaluate the relationship between development and environment.                 |
| <b>CO6</b> | CREATING            | Suggest ideas for achieving sustainable development and environmental balance. |

### Course Contents:

| Unit No. | Unit Contents  | Sessions Allotted |
|----------|--|-------------------|
| 1        | Meaning, definition, nature, scope and subject matter of Geography; Geography and other disciplines; solar system                              | 15                |
| 2        | Seasons, grid system and motion of the earth, Torrid, temperate and frigid zones, International Date Line, seasons and eclipse, phases of moon | 15                |
| 3        | Weather and Climate, elements and factors of climate, origin of Indian Monsoon (thermal concept).  | 15                |
| 4        | Sustainable Development-Meaning of Sustainable Development, Principles of sustainability, Balance between development and environment          | 15                |

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3. Lal D.S. Climatology, Sharada Pustak Bhavan, Allahabad.
4. Singh Savindra, Climatology, Prayag Pustak Bhavan, Allahabad.
5. Tiwari R.C., Geography of India, Prayag Pustak Bhavan, Allahabad.
6. Khullar D.R. India-A Comprehensive Geography, Kalyani Publishers, New Delhi. 7) Singh Savindra, Environmental Geography, Prayag Pustak Bhavan, Allahabad.
7. Strahler A.H.and Strahler A N, Modern Physical Geography, John Wiley and Sons (Asia) Pvt. Ltd.

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