



**Darrang College  
(Autonomous),  
Tezpur-784001**

**Syllabus for FYUGP  
Geography (Major)  
GGY-MJ-01014**

**Approved by :**

**Board of Studies meeting held on 31-07-2025**

**&**

**Academic Council vide Resolution no. 04, dated- 12-08-2025**

## Detail syllabus of 1st semester (Major)

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Title of the course</b>   | <b>Physical Geography</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Course code</b>           | <b>GGY-MJ-01014</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Teaching method</b>       | <b>L-T-P</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Total Credit (theory)</b> | <b>04 (3-1-0)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Contact hours</b>         | <b>60 (1 Credit=15 hours)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Distribution of Marks</b> | (A) <b>End semester = 60</b><br>(B) <b>Internal=40</b> (Sessional, Assignment, Class Test, Seminar, Group Discussion, Attendance)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Course outcomes</b>       | <ol style="list-style-type: none"> <li>1 Understand the evolution, concept, scope, and branches of Physical Geography and its interdisciplinary nature.</li> <li>2. Appreciate the scope and significance of Geomorphology, and comprehend fundamental Concepts such as catastrophism and uniformitarianism.</li> <li>3. Grasp the meaning, scope, and critical elements of Climatology such as insolation, heat budget, and the relationship between temperature, pressure, and precipitation.</li> <li>4. Understand the fundamentals of Oceanography, including the origins of ocean basins and Currents and the relationship between temperature and salinity.</li> <li>5. Comprehend the essence, scope, and key concepts of Biogeography such as the biosphere, ecology, ecosystems, and biodiversity.</li> </ol> |

| <b>Unit</b>                       | <b>Content</b>                                                                                                                                                                                        | <b>Lecture</b> | <b>Tutorial/<br/>Remedial</b> | <b>Practical</b> | <b>Total<br/>Hours</b> |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------|------------------|------------------------|
| <b>Unit 1:</b> Physical Geography | Meaning, scope, branches of physical geography, physical geography and its interdisciplinary nature.                                                                                                  | 04             | 01                            | NIL              | 05                     |
| <b>Unit 2:</b> Geomorphology      | Meaning, scope and nature of geomorphology, internal structure of the earth and its composition.<br>Geomorphic Processes: endogenetic- folds, faults & joints, earthquakes and volcanism; exogenetic- | 16             | 02                            | NIL              | 18                     |

|                                                 |                                                                                                                                                                                                                                                                                                                                                                 |              |              |            |              |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|------------|--------------|
|                                                 | Denudation, weathering, mass wasting, erosion, transportation, deposition. Davisian concept of landform development.                                                                                                                                                                                                                                            |              |              |            |              |
| <b>Unit 3:</b><br>Climatology                   | Meaning & scope of Climatology, weather & climate, structure & composition of atmosphere. Insolation: factors affecting insolation, distribution, heat budget. Atmospheric pressure: pressure belts, general circulation of air, winds, cyclones & anti-cyclones. Humidity: types, condensation, forms of precipitation, stability & instability of atmosphere. | 16           | 02           | NIL        | 18           |
| <b>Unit 4:</b><br>Oceanography and Biogeography | Meaning & scope of oceanography, ocean bottom configuration (Pacific, Atlantic, Indian), ocean currents, temperature & salinity. Meaning & scope of biogeography, fundamental concepts: biosphere, ecology, ecosystems, biodiversity, biogeographic regions. Soil: types & soil forming processes.                                                              | 08<br><br>08 | 02<br><br>01 | NIL        | 10<br><br>09 |
| <b>Total unit 04</b>                            |                                                                                                                                                                                                                                                                                                                                                                 | <b>52</b>    | <b>08</b>    | <b>NIL</b> | <b>60</b>    |

### Reading list:

1. Strahler, A., and Strahler, A. (2007). Physical geography. John Wiley & Sons.
2. Bloom, A. L., and Bloom, A. L. (1998). Geomorphology: a systematic analysis of late Cenozoic landforms (No. 551.41 B5.). Upper Saddle River: Prentice Hall.
3. Waugh, D. (2000). Geography: An integrated approach. Nelson Thornes.
4. Kale, V.S. and Gupta, A. (2001) Introduction to Geomorphology. Orient Longman, NewDelhi.
5. Selby, M.J. (2005) Earth's Changing Surface: An Introduction to Geomorphology. ClarendonPress
6. Thornbury, W. (1968). Principles of Geomorphology.- John Wiley and Sons, 394 p. NewYork.
7. Siddhartha, K. (2018): Oceanography, A brief Introduction, Kitab Mahal
8. Howard, J. Critchfield: General Climatology, 2008, Pearson
9. Lal, D.S.(2022) Climatology, Sarda Pustak Bhaban





**Darrang College  
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**Syllabus for FYUGP  
Geography (Major)  
GGY-MJ-02014**

**Approved by :**

**Board of Studies meeting held on 31-07-2025**

**&**

**Academic Council vide Resolution no. 04, dated- 12-08-2025**

## Detail syllabus of 2<sup>nd</sup> semester (Major)

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Title of the course</b>   | <b>Human Geography</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Course code</b>           | <b>GGY-MJ-02014</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Total Credit (theory)</b> | <b>04 (3-1-0)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Teaching method</b>       | <b>L-T-P</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Contact hours</b>         | <b>60 (1 Credit=15 hours)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Distribution of Marks</b> | (A) <b>End semester = 60</b><br>(B) <b>Internal=40</b> (Sessional, Assignment, Class Test, Seminar, Group Discussion, Attendance)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Course outcomes</b>       | <ol style="list-style-type: none"> <li>1. Understand human geography's scope, its relationship with other sciences and development trend.</li> <li>2. Explain the concept of man-environment relationship, and interpret different principles and schools of thought.</li> <li>3. Evaluate and contrast different schools of human geography, focusing on Human Ecology, Landscape and Locational Analysis.</li> <li>4. Assess the impact of environment on man and his activities on environment in various global contexts, with emphasis on Urbanization, Salinization and Desertification in global contexts.</li> <li>5. Analyze the concept of ethnicity and race and identify global patterns of racial composition, investigating urban and rural socio-economic practices.</li> </ol> |

| <b>Unit</b>   | <b>Content</b>                                                                                                                                         | <b>Lecture</b> | <b>Tutorial/<br/>Remedial</b> | <b>Practical</b> | <b>Total<br/>Hours</b> |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------|------------------|------------------------|
| <b>Unit 1</b> | Defining the field of human geography and its development: Meaning and changing nature of human geography and its relation with other social sciences. | 10             | 01                            | NIL              | 11                     |
| <b>Unit 2</b> | Man-environment relationship discourse in human geography: Determinism, Possibilism, Neo-determinism and Cultural determinism.                         | 15             | 02                            | NIL              | 17                     |

|                      |                                                                                                                                                                                                                                              |           |           |     |           |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-----|-----------|
| <b>Unit 3</b>        | Man and environment relationship: Changing man-environment relationship through ages; role of technology in man's adaptation to environment, impact of man on environment: urbanization, salinization and desertification in global contexts | 15        | 02        | NIL | 17        |
| <b>Unit 4</b>        | Man and culture: Concept of ethnicity and race; Characteristics of major racial groups; Global patterns of the racial composition of the population. Rural and urban environments and associated socio-economic practices.                   | 13        | 02        | NIL | 15        |
| <b>Total unit 04</b> |                                                                                                                                                                                                                                              | <b>53</b> | <b>07</b> | NIL | <b>60</b> |

### Reading list:

1. Johnston, R. et. Al. (2008). The Dictionary of Human Geography, Blackwell Publication.
2. Jordan-Bychkov et al. (2006) The Human Mosaic: A Thematic Introduction to Cultural Geography. W. H. Freeman and Company, NewYork.
3. Hussain, Majid (2012). Human Geography. Rawat Publications, Jaipur.
4. Gregory, D. 1978. Ideology, Science and Human Geography, London, Hutchinson.
5. James, M.R. and Bacon, R.S. 1990. The Cultural Landscape: An Introduction to Human Geography, Prentice Hall.
6. Leong, G.C. and Morgan, G.C. 1992. Human and Economic Geography, Oxford University Press.
7. Fellmann, J.D., Getis, A. and Getis, J. 1999. Human Geography: Landscapes of Human Activities, WCB McGraw-Hill.
8. Jones, E. 1972. Human Geography, Chatto and Windus, London.
9. Broek, J.O.M. and Webb, J.W., 1969. A Geography of Mankind, Taylor and Francis.

