

**Modules of Classes and Examinations, 2021-22**

**B.A / B.Sc. (Honours) in Geography**

**Semester-I**

**Hiralal Bhakat College, Nalhati**

**Core Course 1** Geotectonics and Geomorphology

- Total 75 Marks
- 60 Marks for Semester-end-Examination# (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular )
- 10 Marks for Assignment
- 5 Marks for Attendance
  - Attendance: 50% & above but below 60% - 2 Marks
  - Attendance: 60% & above but below 75% - 3 Marks
  - Attendance: 75% & above but below 90% - 4 Marks
  - Attendance: 90% & Above - 5 Marks

<b>Internal Assessment</b>	<b>Component 1 (C<sub>1</sub>)</b>	<b>Component 2 (C<sub>2</sub>)</b>
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	13.09.2021	13.09.2021
Time	12-12:30 p.m	12-12:30 p.m
Syllabus	<ol style="list-style-type: none"> <li>1. Earth's tectonic and structural evolution with reference to geological time scale.</li> <li>2. Earth's interior with special reference to Seismology.</li> <li>3. Concept of Isostasy: Theories of Airy and Pratt.</li> <li>4. Degradational Process: Weathering, Mass Wasting and resultant landforms.</li> </ol>	<ol style="list-style-type: none"> <li>1. Earth's tectonic and structural evolution with reference to geological time scale .</li> <li>2. Earth's interior with special reference to seismology.</li> <li>3. Concept of Isostasy: Theories and Airy and Pratt.</li> <li>4. Degradational Process: Weathering, Mass Wasting and resultant Landforms.</li> <li>5. Slope Development: Concept of Wood.</li> <li>6. Plate Tectonics: Processes at constructive, conservative, destructive boundaries and hotspots: resulting landforms.</li> <li>7. Development of river network and landforms on uniclinal and folded structures</li> </ol>

		8. Models of landscape evolution: Views of Davis, Penck, and Hack
Name of Teacher(s)	IM, RIS, ND, BM, CG, BS, SG	IM, RIS, ND, BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)
<p>#Component 3 (C<sub>3</sub>)</p> <ul style="list-style-type: none"> <li>➤ Whole Syllabus of CC 1</li> <li>➤ 60Marks for Semester-end-Examination (will be organized by University)</li> <li>➤ Answer 10 questions out of 15 carrying 02 marks each = 10 x 02 = 20 marks</li> <li>➤ Answer 04 questions out of 06 carrying 05 marks each = 04 x 05 = 20 marks</li> <li>➤ Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks</li> </ul>		

### Core Course 2 Cartographic Techniques and Geological map study

- Total 75 Marks
- 40 Marks(Theory) + 20 Marks (Practical) for Semester-end-Examination# (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular )
- 10 Marks for Assignment
- 5 Marks for Attendance
  - Attendance: 50% & above but below 60% - 2 Marks
  - Attendance: 60% & above but below 75% - 3 Marks
  - Attendance: 75% & above but below 90% - 4 Marks
  - Attendance: 90% & Above - 5 Marks

Internal Assessment	Component 1 (C <sub>1</sub> )	Component 2 (C <sub>2</sub> )
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	13.09.2021	13.09.2021
Time	12:30-1 p.m	12:30-1 p.m
Syllabus	1. Maps: Classification and Types. Components of a Map 2. Concept of Scales: Plain, Comparative, Diagonal and Vernier 3. Coordinate Systems: Polar	1. Maps: Classification and Types. Components of a Map 2. Concept of Scales: Plain, Comparative, Diagonal and Vernier

	<p>and Rectangular. Concept of Geoid and Spheroid. Map Projections: Classification, Properties and Uses. Concept and Significance of UTM Projection</p> <p>4. Concept of Generating Globe, Grids: Angular and Linear Systems of Measurement</p>	<p>3. Coordinate Systems: Polar and Rectangular. Concept of Geoid and Spheroid. Map Projections: Classification, Properties and Uses. Concept and Significance of UTM Projection.</p> <p>4. Concept of Generating Globe, Grids: Angular and Linear Systems of Measurement</p> <p>5. Construction of Scales: Plain, Comparative, Diagonal and Vernier</p> <p>6. Concept of Generating Globe, Grids: Angular and Linear Systems of Measurement</p> <p>7. 7. Construction of Projections: Polar Zenithal Stereographic, Simple Conic with two Standard Parallels, Bonne's and Mercator's</p>
Name of Teacher(s)	IM, RIS, ND, BM, CG, BS, SG	IM, RIS, ND, BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)
<p>#Component 3 (C<sub>3</sub>)</p> <ul style="list-style-type: none"> <li>➤ Whole Syllabus of CC 2</li> <li>➤ Theory (Cartographic Techniques and Geological Map Study) = 40 Marks        Answer 05 questions out of 08 carrying 02 marks each = 05 x 02 = 10 marks        Answer 02 questions out of 04 carrying 05 marks each = 02 x 05 = 10 marks        Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks</li> <li>➤ Practical (Cartographic Techniques and Geological map study) = 20 Marks        Laboratory Note Book: 05 Marks        Viva- voce: 05 Marks        Experiment: 40 Marks (This 40 marks will be transformed into 10 Marks)</li> <li>➤ A project File (Laboratory Note Book), comprising one exercise each is to be submitted.</li> </ul>		

## Modules of Classes and Examinations, 2021-22

### B.A / B.Sc. (Honours) in Geography

#### Semester-III

#### Hiralal Bhakat College, Nalhati

#### Core Course 5 Climatology

- Total 75 Marks
- 60 Marks for Semester-end-Examination<sup>#</sup> (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular )
- 10 Marks for Assignment
- 5 Marks for Attendance
  - Attendance: 50% & above but below 60% - 2 Marks
  - Attendance: 60% & above but below 75% - 3 Marks
  - Attendance: 75% & above but below 90% - 4 Marks
  - Attendance: 90% & Above - 5 Marks

Internal Assessment	Component 1 (C1)	Component 2 (C2)
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	15.09.2021	15.09.2021
Time	1:30-2 p.m	1:30-2 p.m
Syllabus	<ol style="list-style-type: none"><li>1. Nature, composition and layering of the atmosphere,</li><li>2. Insolation: controlling factors. Heat budget of the atmosphere.</li><li>3. Temperature: horizontal and vertical distribution. Inversion of temperature: types, causes and consequences.</li><li>4. Condensation: Processes and forms. Mechanism of precipitation: Bergeron-Findeisen theory, collision and coalescence. Forms of precipitation.</li></ol>	<ol style="list-style-type: none"><li>1. Nature, composition and layering of the atmosphere,</li><li>2. Insolation: controlling factors. Heat budget of the atmosphere.</li><li>3. Temperature: horizontal and vertical distribution. Inversion of temperature: types, causes and consequences.</li><li>4. Greenhouse effect and importance of ozone layer</li><li>5. Condensation: Processes and forms. Mechanism of precipitation: Bergeron-Findeisen theory, collision and coalescence. Forms of precipitation.</li><li>6. Air mass: Typology, origin, characteristics and modification.</li><li>7. Fronts: warm and cold; frontogenesis and frontolysis.</li><li>8. Tropical and mid-latitude cyclones</li></ol>

Name of Teacher(s)	IM, RIS, ND, BM, CG, BS, SG	IM, RIS, ND, BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)
<p>#Component 3 (C<sub>3</sub>)</p> <ul style="list-style-type: none"> <li>➤ Whole Syllabus of CC 5</li> <li>➤ 60 Marks for Semester-end-Examination (will be organized by University)</li> <li>➤ Answer 10 questions out of 15 carrying 02 marks each = 10 x 02 = 20 marks</li> <li>➤ Answer 04 questions out of 06 carrying 05 marks each = 04 x 05 = 20 marks</li> <li>➤ Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks</li> </ul>		

### Core Course 6 Statistical Methods in Geography

- Total 75 Marks
- 40 Marks(Theory) + 20 Marks (Practical) for Semester-end-Examination<sup>#</sup> (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular )
- 10 Marks for Assignment
- 5 Marks for Attendance
  - Attendance: 50% & above but below 60% - 2 Marks
  - Attendance: 60% & above but below 75% - 3 Marks
  - Attendance: 75% & above but below 90% - 4 Marks
  - Attendance: 90% & Above - 5 Marks

Internal Assessment	Component 1 (C <sub>1</sub> )	Component 2 (C <sub>2</sub> )
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	15.09.2021	15.09.2021
Time	2-2:30 p.m	2-2:30 p.m

Syllabus	<ol style="list-style-type: none"> <li>1. Importance and significance of Statistics in Geography. Discrete and continuous data, population and samples, scales of measurement (nominal, ordinal, interval and ratio), sources of data</li> <li>2. Collection of data and formation of statistical tables</li> <li>3. Sampling: Need, types, and significance and methods of random sampling</li> <li>4. Central tendency: Mean, median, mode, partition values</li> </ol>	<ol style="list-style-type: none"> <li>1. Collection of data and formation of statistical tables</li> <li>2. Sampling: Need, types, and significance and methods of random sampling</li> <li>3. Distribution: frequency, cumulative frequency</li> <li>4. Central tendency: Mean, median, mode, partition values</li> <li>5. Measures of dispersion range, mean deviation, standard deviation, coefficient of variation</li> <li>6. Association and correlation: Rank correlation, product moment correlation</li> <li>7. Linear Regression and time series analysis</li> </ol>
Name of Teacher(s)	IM, RIS, ND, BM, CG, BS, SG	IM, RIS, ND, BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)
<p>#Component 3 (C<sub>3</sub>)</p> <ul style="list-style-type: none"> <li>➤ Whole Syllabus of CC 6</li> <li>➤ Theory (Statistical Methods in Geography) = 40 Marks        Answer 05 questions out of 08 carrying 02 marks each = 05 x 02 = 10 marks        Answer 02 questions out of 04 carrying 05 marks each = 02 x 05 = 10 marks        Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks</li> <li>➤ Practical (Statistical Methods in Geography) = 20 Marks        Laboratory Note Book: 05 Marks        Viva- voce: 05 Marks        Experiment: 40 Marks (This 40 marks will be transformed into 10 Marks)</li> <li>➤ A project File (Laboratory Note Book), comprising one exercise each is to be submitted.</li> </ul>		

## Core Course 7 Geography Of India

- Total 75 Marks
- 60 Marks for Semester-end-Examination<sup>#</sup> (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular )
- 10 Marks for Assignment
- 5 Marks for Attendance
  - Attendance: 50% & above but below 60% - 2 Marks
  - Attendance: 60% & above but below 75% - 3 Marks
  - Attendance: 75% & above but below 90% - 4 Marks
  - Attendance: 90% & Above - 5 Marks

<b>Internal Assessment</b>	<b>Component 1 (C<sub>1</sub>)</b>	<b>Component 2 (C<sub>2</sub>)</b>
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	15.09.2021	15.09.2021
Time	2:30-3 p.m	2:30-3 p.m
Syllabus	<ol style="list-style-type: none"> <li>1. Geology and physiographic divisions</li> <li>2. Climate, soil and vegetation: Characteristics and classification</li> <li>3. Population: Distribution, growth, structure and policy</li> <li>4. Physical perspectives: Physiographic divisions, forest and water resources</li> </ol>	<ol style="list-style-type: none"> <li>1. Climate, soil and vegetation: Characteristics and classification</li> <li>2. Population: Distribution, growth, structure and policy</li> <li>3. Distribution of population by race, caste, religion, language, tribes</li> <li>4. Agricultural regions, Green revolution and its consequences</li> <li>5. Mineral and power resources distribution and utilisation of iron ore, coal, petroleum</li> <li>6. Industrial development since independence.</li> <li>7. Population: Growth, distribution and human development</li> <li>8. Resources: Mining, agriculture and industries</li> </ol>
Name of Teacher(s)	IM, RIS, ND, BM, CG, BS, SG	IM, RIS, ND, BM, CG, BS, SG

Number of Classes	64 (Tentative)	128 (Tentative)
<p>#Component 3 (C<sub>3</sub>)</p> <ul style="list-style-type: none"> <li>➤ Whole Syllabus of CC 7</li> <li>➤ 60 Marks for Semester-end-Examination (will be organized by University)</li> <li>➤ Answer 10 questions out of 15 carrying 02 marks each = 10 x 02 = 20 marks</li> <li>➤ Answer 04 questions out of 06 carrying 05 marks each = 04 x 05 = 20 marks</li> <li>➤ Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks</li> </ul>		

#### Skill Enhancement Course 1 Computer Basics And Computer Applications

- Total 50 Marks
- 40 Marks(Practical) for Semester-end-Examination<sup>#</sup> (will be organized by University) + 10 Marks for Assignment (will be organized by College in general and Department in Particular )

Internal Assessment	Component 1 (C <sub>1</sub> )	Component 2 (C <sub>2</sub> )
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	15.09.2021	15.09.2021
Time	2:30-3 p.m	2:30-3 p.m
Syllabus	1. Numbering Systems; Binary Arithmetic 2. Data Computation, Storing and Formatting in Spreadsheets: Computation of Rank, Mean, Median, Mode, Standard Deviation, Moving Averages, Derivation of Correlation, Covariance and regression;	1. Numbering Systems; Binary Arithmetic Data Computation, Storing and Formatting in Spreadsheets: 2. Computation of Rank, Mean, Median, Mode, Standard Deviation, Moving Averages, Derivation of Correlation, Covariance and regression; Selection of technique and interpretation. 3. Preparation of Annotated Diagrams



	Selection of technique and interpretation.	and its interpretation: Scatter diagram and Histogram 4. Internet Surfing: Generation and extraction of information
Name of Teacher(s)	IM, RIS, ND, BM, CG, BS, SG	IM, RIS, ND, BM, CG, BS, SG
Number of Classes	32 (Tentative)	64 (Tentative)
<p>#Component 3 (C<sub>3</sub>)</p> <ul style="list-style-type: none"> <li>➤ Whole Syllabus of SEC 1</li> <li>➤ Practical (Computer Basics And Computer Applications) = 40 Marks        Answer 03 questions out of 03 carrying 010 marks each = 03 x 10 = 30 marks            Laboratory Note Book: 05 Marks            Viva- voce: 05 Marks</li> <li>➤ Internal assessment 10</li> </ul>		

## Modules of Classes and Examinations, 2021-22

### B.A / B.Sc. (Honours) in Geography

#### Semester-V

#### Hiralal Bhakat College, Nalhati

#### Core Course 11 Research Methodology & Field Work

- Total 75 Marks
- 40 Marks (Theory) + 20 Marks (Practical) for Semester-end-Examination<sup>#</sup> (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular )
- 10 Marks for Assignment
- Viva- voce: 05 Marks
- 5 Marks for Attendance
  - Attendance: 50% & above but below 60% - 2 Marks
  - Attendance: 60% & above but below 75% - 3 Marks
  - Attendance: 75% & above but below 90% - 4 Marks
  - Attendance: 90% & Above - 5 Marks

Internal Assessment	Component 1 (C <sub>1</sub> )	Component 2 (C <sub>2</sub> )
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	18.09.2021	18.09.2021
Time	12-12:30 p.m	12-12:30 p.m
Syllabus	1. Research in Geography: Meaning, types and significance 2. Significance of Literature review in research 3 Defining research problem, objectives and hypothesis. Research materials and methods 4. Techniques of writing scientific reports: Preparing notes, references, bibliography (APA Style), abstract and keywords	1. Fieldwork in Geographical studies – Role and significance. Selection of study area and objectives. Pre-field preparations. Ethics of fieldwork 2. Field techniques and tools: Questionnaires (open, closed, structured, non-structured). Interview with special reverence to focused group discussions. 3. Field techniques and tools: Landscape survey using transects and quadrants, constructing a sketch, photo and video recording. 4. Collection of samples. Preparation of inventory from field data. Post-field tasks.
Name of	IM, RIS, ND, BM, CG, BS, SG	IM, RIS, ND, BM, CG, BS, SG

Teacher(s)		
Number of Classes	64 (Tentative)	128 (Tentative)
<p>#Component 3 (C<sub>3</sub>)</p> <p>Whole Syllabus of CC 11</p> <p>Theory (Research Methodology &amp; Field Work) = 40</p> <p>40 Marks for Semester-end-Examination (will be organized by University)</p> <ul style="list-style-type: none"> <li>➤ Answer 05 questions out of 08 carrying 02 marks each = 05 x 02 = 10 marks</li> <li>➤ Answer 02 questions out of 04 carrying 05 marks each = 02 x 05 = 10 marks</li> <li>➤ Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks</li> </ul> <p>Practical (Research Methodology and Field Work) = 20</p> <ul style="list-style-type: none"> <li>➤ Answer 02 questions out of 02 carrying 05 marks each = 05 x 02 = 10 marks</li> <li>➤ Laboratory Note Book: 05 Marks</li> <li>➤ Viva- voce: 05 Marks</li> </ul> <ul style="list-style-type: none"> <li>➤ A project File (Laboratory Note Book), comprising one exercise each is to be submitted.</li> </ul>		

### **Core Course 12 Remote Sensing and GIS**

- Total 75 Marks
- 40 Marks (Theory) + 20 Marks (Practical) for Semester-end-Examination<sup>#</sup> (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular )
- 10 Marks for Assignment
- Viva- voce: 05 Marks
- 5 Marks for Attendance
  - Attendance: 50% & above but below 60% - 2 Marks
  - Attendance: 60% & above but below 75% - 3 Marks
  - Attendance: 75% & above but below 90% - 4 Marks
  - Attendance: 90% & Above - 5 Marks

<b>Internal Assessment</b>	<b>Component 1 (C<sub>1</sub>)</b>	<b>Component 2 (C<sub>2</sub>)</b>
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	18.09.2021	18.09.2021
Time	12-12:30 p.m	12-12:30 p.m
Syllabus	<p>1. Definition, Concepts and Principles of Remote Sensing (RS): Types of Air Photo, RS satellites, sensors and platforms.</p> <p>2.EMR Interaction with Atmosphere and Earth Surface, Sensor resolutions and their applications with reference to IRS</p> <p>3. Principles of False Colour Composites (FCC) from IRS LISS-III and Landsat Images (ETM+) data: Image Processing, Pre-processing; Enhancement; Classification.</p>	<p>1. Definition and Components of Geographical Information System (GIS) and raster and vector data structures</p> <p>2. Principles of preparing attribute tables and overlay analysis</p> <p>3. Principles of GNSS positioning - Uses and Waypoint Collection Methods</p> <p>4. Applications of Geographical Information System in Flood Management and Urban Sprawl</p> <p>5. Principles of image interpretation for Forest, Water and Soil</p>
Name of Teacher(s)	IM, RIS, ND, BM, CG, BS, SG	IM, RIS, ND, BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)

#Component 3 (C<sub>3</sub>)

Whole Syllabus of CC 11

Theory (Remote Sensing and GIS) = 40

40 Marks for Semester-end-Examination (will be organized by University)

- Answer 05 questions out of 08 carrying 02 marks each = 05 x 02 = 10 marks
- Answer 02 questions out of 04 carrying 05 marks each = 02 x 05 = 10 marks
- Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks

Practical (Remote Sensing and GIS) = 20

- Answer 02 questions out of 02 carrying 05 marks each = 05 x 02 = 10 marks
- Laboratory Note Book: 05 Marks
- Viva- voce: 05 Marks
- 
- A project File (Laboratory Note Book), comprising one exercise each is to be submitted.

**Discipline Specific Elective 1 Cultural and Settlement Geography**

- Total 75 Marks
- 60 Marks for Semester-end-Examination# (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular )
- 10 Marks for Assignment
- 5 Marks for Attendance
  - Attendance: 50% & above but below 60% - 2 Marks
  - Attendance: 60% & above but below 75% - 3 Marks
  - Attendance: 75% & above but below 90% - 4 Marks
  - Attendance: 90% & Above - 5 Marks

<b>Internal Assessment</b>	<b>Component 1 (C<sub>1</sub>)</b>	<b>Component 2 (C<sub>2</sub>)</b>
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	18.09.2021	18.09.2021
Time	12-12:30 p.m	12-12:30 p.m
Syllabus	1. Definition, Scope and Content of Cultural Geography 2. Development of Cultural Geography 3. Concept of Cultural Hearth, Realm; Cultural Landscape 4. Cultural Innovation and Diffusion; Diffusion of Major World Religions 5. Cultural Segregation, Cultural Diversity, and Acculturation	1. Scope and Content of Settlement Geography 2. Definition and Characteristics of Rural Settlement 3. Rural Settlements: Site and Situation 4. Urban Settlements: Census Definition, Urban Outgrowth, Urban Agglomeration 5. Urban Morphology: Classical Models of Burgess, Hoyt, Harris and Ullman 6. Functional Classification of Cities: Harris and Nelson. 7. Major Races of the World: Distribution and Characteristics
Name of Teacher(s)	IM, RIS, ND, BM, CG, BS, SG	IM, RIS, ND, BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)

#Component 3 (C<sub>3</sub>)

- Whole Syllabus of DSE-1
  
- 60 Marks for Semester-end-Examination (will be organized by University)
- Answer 10 questions out of 15 carrying 02 marks each = 10 x 02 = 20 marks
- Answer 04 questions out of 06 carrying 05 marks each = 04 x 05 = 20 marks
- Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks

**Discipline Specific Elective 2 Population Geography**

- Total 75 Marks
- 60 Marks for Semester-end-Examination<sup>#</sup> (will be organized by University)
- 10+5=15 Marks for Internal Assessment (will be organized by College in general and Department in Particular )
- 10 Marks for Assignment
- 5 Marks for Attendance
  - Attendance: 50% & above but below 60% - 2 Marks
  - Attendance: 60% & above but below 75% - 3 Marks
  - Attendance: 75% & above but below 90% - 4 Marks
  - Attendance: 90% & Above - 5 Marks

<b>Internal Assessment</b>	<b>Component 1 (C<sub>1</sub>)</b>	<b>Component 2 (C<sub>2</sub>)</b>
Weightage	5 Marks	5 Marks
Number of Questions	1	1
Date	18.09.2021	18.09.2021
Time	12-12:30 p.m	12-12:30 p.m
Syllabus	1. Development of Population Geography; Relation between Population Geography and Demography 2. Determinants of Population Dynamics; Concept of Optimum Population 3. Theories of population growth: Malthusian Theory and Marxian Approach, Demographic Transition Model 4. Distribution, Density and Growth of	1. Population Composition and Characteristics: Age-Sex; Female-Male Ratio 2. Measures of Fertility and Mortality 3. Population Composition of India: Rural and Urban, Occupational Structure as per Census of India 4. Migration: Theories, Causes and Types 5. Concept of Human Development Index 6. Population and development:

	Population in India since 1951	population-resource regions, 7. Population policies in Selected Countries: Sweden and China 8. Contemporary Issues in Population: Health and Unemployment
Name of Teacher(s)	IM, RIS, ND, BM, CG, BS, SG	IM, RIS, ND, BM, CG, BS, SG
Number of Classes	64 (Tentative)	128 (Tentative)
<p>#Component 3 (C<sub>3</sub>)</p> <ul style="list-style-type: none"> <li>➤ Whole Syllabus of DSE-2</li> <li>➤ 60 Marks for Semester-end-Examination (will be organized by University)</li> <li>➤ Answer 10 questions out of 15 carrying 02 marks each = 10 x 02 = 20 marks</li> <li>➤ Answer 04 questions out of 06 carrying 05 marks each = 04 x 05 = 20 marks</li> <li>➤ Answer 02 questions out of 04 carrying 10 marks each = 02 x 10 = 20 marks</li> </ul>		



Head

Department of Geography  
Hiralal Bhakat College  
Nalhati, Birbhum

**HEAD**  
**DEPARTMENT OF GEOGRAPHY**  
**HIRALAL BHAKAT COLLEGE**  
NALHATI, BIRBHUM



Principal / TIC

Hiralal Bhakat College.  
Nalhati, Birbhum Principal / TIC  
Hiralal Bhakat College  
Nalhati, Birbhum

**Principal**  
**Hiralal Bhakat College**  
**Nalhati, Birbhum**

