

CBCS-based U.G. Course in Geography, 2019  
Syllabus of Honours Core Course  
**Course Name: Social and Political Geography**  
Paper Code: GGY-HC-5016  
**Total Credit: 6 (4+2)**  
Total Marks: 100  
(Theory: 60, Practical: 20 and Internal Assessment: 20)

**Course objectives:**

- To appreciate the social and political dimensions of geographic phenomena.
- Understand how geography influences political issues and their spatial dimensions.

**Course outcome:**

- This course will help equip the students to comprehend various social and political aspects of phenomena and their interface within the realm of geography.
- The paper will be very useful for students preparing for various competitive examinations including civil services.

**Part 1: Theory**

**Credit: 4 (60 Marks)**

(40 classes of 1 hour duration each)

**Unit 1: Social Geography (30 Marks)**

**20 Classes**

- MS 1. Social Geography: Meaning and scope; its approaches of study; and contemporary trend of its development. (4 Classes)
- MS 2. Concept and types of social space and social groups. (4 Classes)
- MS 3. Social Well-being: Concept and Component: Housing, Health and Education; Concept of Human development and its measurements. (4 Classes)
- DP 4. Contribution of race, religion, language and ethnicity in promoting diversity in India. (4 Classes)
- DP 5. Social Geographies of inclusion and exclusion: Caste system, slums, gated communities, communal conflicts and crime; Gender identity. (4 Classes)

**Unit 2: Political Geography (30 Marks)      20 Classes**

- JKB 1. Political Geography: Nature, scope and recent trends; Approaches to its study. (4 Classes)
- JKB 2. Concept of state, nation, and nation-state; Attributes of State. (3 Classes)



3. Concept of frontiers and boundaries; boundary problems with reference to India and North-East India; Concept of buffer zones. (5 Classes)

4. Concept of Geopolitics, Heartland and Rimland; Mackinder's Heartland Theory. (4 Classes)

5. Concept of colonialism, neo colonialism and lebensraum. (4 Classes)

**Part II: Practical**  
Credit: 2 (20 Marks)

(20 classes of 2 hour duration each)

**Unit I: Practical Works (16 Marks)**

(Two questions of 8 marks each)

1. Mapping the spatial patterns of human development in India and Assam using HDI. (2 Exercises)  
2. Construction of Ternary Diagram representing social composition of population in India/North-East India. (1 Exercise)

3. Level of Social well-being with the help of composite Z-score in India /North-East India. (1 Exercise)

4. Sex disparity in literacy in India/North-East India using Sopher's Disparity Index. (1 Exercise)

5. Computation of Shape Index for selected states of India and countries. (2 Exercises)

6. Construction of a map of India/North-East India highlighting the major inter-state boundary conflict zones. (2 Exercises)

7. Reorganization of the states of North-East India during Pre and Post Independence periods (up to the present). (3 Exercises)

**Unit II: Practical Note-Book and Viva-voce (4 Marks)**

1. Evaluation of Practical Note-Book (2 marks)

2. Viva-voce (2 marks)



CBCS-based U.G. Course in Geography, 2019  
Syllabus of Honours Core Course  
Course Name: Field Techniques in Geography  
Paper Code: GGY-HC-5026 ✓  
Total Credit: 6 (4+2)  
Total Marks 100  
(Theory: 60, Practical: 20 and Internal Assessment: 20)

**Course objectives:**

This paper on Field Techniques in Geography is of pedagogical importance as it helps the students of geography to acquire the first hand experience about the geography of a particular area. It also helps the students to learn the various techniques of data collection from the field and to understand any pre-defined problem in proper perspective.

**Course outcomes:**

- This course will help students to proceed with a research problem and the steps she/he should adopt and the tools and craft to be employed for doing quality research.
- Students perceive fieldwork to be beneficial to their learning, because through it they experience 'geographical reality', and have deeper understanding of the subject.
- The students will have a chance to interact with respondents and collect data through questionnaire directly from the field.
- This course will develop understanding about designing and writing a field report.

**Part I: Theory**

Credit: 4 (60 Marks)

(40 Classes of 1 hour each)

DN/ 1. Geography and Field Studies: Geography as a field science; Need of field work in  
MS geography; Nature of field studies in physical geography and human geography.  
(4 classes)

MS 2. Concept of Case Study and Its identification in the varying geographical contexts  
(Physical/Human/Rural/Urban/Environmental). (4 classes)

DN/ DP/ 3. Tools and Techniques in Field Studies: Nature of data and their collection techniques  
relating to various geographical phenomena (Physical and Human); Structure of field  
survey questionnaire; Collection of Physical geographic data: Observations and  
photography, field interview, questionnaire survey, Equipment/Measurement-based  
survey, etc; Collection of Human geographic data: Questionnaire survey, Participant  
observation, PRA, Focus group interview/discussion, etc. PN (14 classes)

HP/ PK/ 4. Surveying: Concept of ground surveying and mapping; Conduct of traverse surveying  
with Prismatic Compass; Profile levelling and contouring with Dumpy Level; Point  
distribution survey with GPS; Field mapping of Village, River bank, Wetland,  
Landslides, Market, etc through Transect, Quadrant and sketch map. PK (14 classes)



- MS  
3KB
5. Preparation of Field Study Report and its broad design [Basis of selection of the theme of field study; Objectives, Methods of data collection, Location/Situation of the study area, Data Analysis and mapping, Interpretation/Findings.] JKB (4 classes)

**Part II: Field Book**  
Credit: 2 (20 Marks)

(20 classes of two hour duration each)

**Unit I: Field Book Preparation and Evaluation (15 Marks)**

Based on understanding of various field techniques of geography in theory course the students shall undertake the following field assignments within or nearby the College campus and some other area, as the case may be, under the guidance of respective teachers. The students shall present their assignments in A4 size paper as a Field Book and submit the same with teachers' signature in binding form (Spiral or Kutcha binding) for evaluation in the examination. The evaluation shall be based on average of marks given by the external examiner and internal examiner.

**Contents of Field Book:**

- MS  
47
1. Field observations of a near-by area and preparation of a brief report (within 4-5 pages) about the prevailing physical and human landscape of the area along with its spot photograph. (Theme of report be selected or conducted in group) (2 Assignments)
  2. Preparation of two field survey questionnaire/schedule (within 2 pages each) for collection of data relating to two different broad phenomena/problems (one on physical phenomenon and another on human phenomenon), and processing, tabulation and graphical representation of the same. (2 Assignments)
  3. Closed traverse surveying within College campus with Prismatic Compass and plotting of some details within the polygon, and preparation of a plan with appropriate scale and error correction, if any. (1 Assignment)
  4. Longitudinal profile levelling and contouring in College campus and any nearby area with Dumpy Level, and plotting of collected data in the forms of longitudinal profile and contour map. (2 Assignments)
  5. Collection of point data from an area with handheld GPS and preparation of a GPS data table and distribution map with down-loaded data. (1 Assignment)
  6. Preparation of field map of a village, urban locality/market, river bank/wetland and its adjoining area or their any section through Transect, Quadrant and sketch map along with a spot photograph of the same. (3 Assignments)

**Unit II: Viva-voce (5 Marks)**



CBCS-based U.G. Course in Geography, 2019  
Syllabus of Discipline Specific Elective Course  
Course Name: Regional Development and Planning  
Paper Code: GGY-HE-5046  
**Total Credit: 6 (4+2)**  
Total Marks: 100  
(Theory: 60, Practical: 20 and Internal Assessment: 20)

**Course objectives:**

- This paper intends to introduce students to the rationale underlying the relevance of balanced regional development and spatial inequalities from geographical perspective.
- It seeks to develop new insights among students on the issue of development and associated regional disparities in development.

**Course outcomes:**

- The paper will be useful for students in developing ideas on disparities within and between countries and their fallout.
- The paper will help provide theoretical insights and perspectives to students, if they wish to pursue a higher studies or research in future.
- The paper will be very useful for students preparing for various competitive examinations including civil services.

**Part I: Theory**  
**Credit: 4 (60 Marks)**

(40 classes of 1 hour duration each)

**Unit I: Regional Planning (30 marks)**

(20)

Classes)

- PN 1. Region: Concept, types and delineation techniques of a region. (4  
Classes)
- PN 2. Regional planning: Evolution and types; Objectives and principles of Regional Planning. (5  
Classes)
- MS 3. Regional Planning in India. Macro, meso and micro level planning; Local level planning and Panchayati Raj (GPDP); Participatory approach in planning; NITI Aayog. (6  
Classes)
- HD 4. Planning regions of India with special reference to North-East India. (5  
Classes)



**Unit-II: Regional Development (30 marks)**

Classes)

- HD 5. Concept of Development: Growth versus development; Concept of sustainable development and balanced development. (4 Classes)
- DP 6. Regional Development theories and models: Concept and basic ideas of Growth Pole Model of Perroux; Cumulative Causation Theory of Myrdal and Stages of Economic Growth model of Rostow. (6 Classes)
- JKB 7. Human development: Meaning and concept of Human Development Index; Concept of Happiness Index. (4 Classes)
- PKS 8. Disparity of Regional Development in India: Development indicators; Measuring level of development; Pattern of regional development in India with special reference to North-East India; Role of NEC and DoNER Ministry towards development of the NE Region. (6 Classes)

**Part II: Practical**  
Credit: 2 (20 Marks)



(20 classes of 2 hour duration each)

**Unit I: Practical Works (16 Marks)**

(Two questions of 8 marks each)

- MS 1. Delineation of agricultural productivity regions in Assam/NE India by using weighted index number and Bhatia's method. (2 Assignments)
- DP 2. Delineation of influence zones of selected urban centres of Assam/ NE India by using Reilly's Breaking Point formula. (2 Assignments)
- PKS 3. Preparation of land use maps of any suitable area for two different points of time for identifying the changes in settlement, agriculture land, forest cover, water bodies, etc. during the period; and representation of data generated from there in a graph. (2 Assignments)
- PN 4. Preparation of a choropleth map to show regional disparity in development in India and N. E. India based on selected indicators using Ranking Method and Composite Z-Score method. (2 Assignments)
- JKB 5. Preparation of flow cartogram to show volume of inter-state movement of different commodities in India/NE India. (2 Assignments)

**Unit II: Practical Note-Book and Viva-voce (4 Marks)**



1. Evaluation of Practical Note-Book (2 Marks)
2. Viva-voce (2 Marks)

**Reading List:**

1. Bhargava, G. 2001. *Development of India's Urban, Rural, and Regional Planning in 21st Century: Policy Perspective*, Gyan Publishing House.
2. Blij H. J. De, 1971: *Geography: Regions and Concepts*, John Wiley and Sons.
3. Chand, M., Puri, V.K. 2000. *Regional Planning In India*, Allied Publishers Ltd.
4. Chandana, R.C. 2016. *Regional Planning and Development*, 6th ed, Kalyani Publishers.
5. Claval P.I, 1998: *An Introduction to Regional Geography*, Blackwell Publishers, Oxford and Massachusetts.
6. Friedmann J. and Alonso W. (1975): *Regional Policy - Readings in Theory and Applications*, MIT Press, Massachusetts.
7. Glasson, J. 2017. *Contemporary Issues in Regional Planning*, Routledge.
8. Gore C. G., 1984: *Regions in Question: Space, Development Theory and Regional Policy*, Methuen, London.
9. Gore C. G., Köhler G., Reich U-P. and Ziesemer T., 1996: *Questioning Development; Essays on the Theory, Policies and Practice of Development Intervention*, Metropolis Verlag, Marburg.
10. Haynes J., 2008: *Development Studies*, Polity Short Introduction Series.
11. Johnson E. A. J., 1970: *The Organization of Space in Developing Countries*, MIT Press, Massachusetts.
12. Misra, R.P. 1992. *Regional Planning: Concepts, Techniques, Policies and Case Studies*, Concept Publishing.
13. Peet R., 1999: *Theories of Development*, The Guilford Press, New York.
14. Ray, J. 2001. *Introduction to Development & Regional Planning*, Orient Blackswan.
15. UNDP 2001-04: *Human Development Report*, Oxford University Press.
16. World Bank 2001-05: *World Development Report*, Oxford University Press, New
17. <https://sustainabledevelopment.un.org/partnership/?p=2212>.

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CBCS-based U.G. Course in Geography, 2019  
Syllabus of Discipline Specific Elective Course

Course Name: Urban Geography  
Paper Code: GGY-HE-5056 ✓

**Total Credit: 6 (4+2)**

Total Marks: 100

(Theory: 60, Practical: 20 and Internal Assessment: 20)

**Course objectives**

- This paper introduces the students to the field of urban geography and its major aspects.
- It seeks to develop new insights among students on the relevance of an urban geography and associated problems in a rapidly urbanizing world.

**Course outcomes**

- The paper will be useful for students in developing ideas on how geographical factors organize urban spaces and how geographers seek to address various urban problems and issues.
- It will help build skills among students seeking advanced studies on urban development and planning.
- The paper will be very useful for students preparing for various competitive examinations including civil services.

**Part I: Theory**

Credit: 4 (60 Marks)

(40 classes of 1 hour duration each)

PN 1. Urban Geography: Nature and scope; approaches and trends in urban geography.  
(4 classes)

PKS 2. Origin and growth of towns in global and national contexts; Types and characteristics of towns; Functional classification of towns; Schemes of city classification (J.M. Houston's, G. Taylor's and L. Mumford schemes). (8 classes) HD

✓ JKB 3. Patterns of Urbanisation in developed and developing countries; Components of urbanization and urban population growth. (4 classes)

MS 4. Organization of urban space: Urban morphology and land use structure; Theories on the internal structure of town: the Sector Theory of Homer and Hoyt, and the Multiple Nuclei Theory of Harris and Ullman (4 classes)

5.

6.

7.

8.

Back page →

PTO →



5. Concept of city Region, urban agglomeration, urban sprawl, inland and periphery, ~~urb~~ Rural - urban dichotomy and Continuum, urban fringe, Satellite town, New town, smart city
6. Urban systems: <sup>concept</sup> ~~conceive~~ of urban <sup>system</sup> ~~geography~~ and hierarchy, Christaller's central place theory, Rank-Size dist<sup>n</sup> of cities, concept of primate city
7. Urban issues and problems: Housing, slums, civic amenities (Transportation and drinking water), Traffic congestion, Pollution (air, noise, water) and crime
8. Urbanisation and urban development Planning in India: Trend and Regional patterns of urbanisation, National urban development policies and programmes, emerging urban issues of selected cities (Delhi NCR, Mumbai, Guwahati)

### Part II = Practical

1. Plotting of Million cities by using MS Proportionate sphere method / India.
2. Maps showing distribution of class I and II urban centres in Assam/NE India by using MS Proportionate sphere method



## Unit II: Practical Note-Book and Viva-voce (4 Marks)

1. Evaluation of Practical Note-Book (2 Marks)
2. Viva-voce (2 Marks)

### Reading List:

1. Bala, R. (1986): Urbanisation in India, Rawat, Jaipur.
2. Bansal, S.C. (2010): Urban Geography, MeenakshiPrakashan, Meerut.
3. Fyfe N. R. and Kenny J. T., 2005: *The Urban Geography Reader*, Routledge.
4. Graham S. and Marvin S., 2001: *Splintering Urbanism: Networked Infrastructures, Technological Mobilities and the Urban Condition*, Routledge.
5. Hall T., 2006: *Urban Geography*, Taylor and Francis.
6. Kaplan D. H., Wheeler J. O. and Holloway S. R., 2008: *Urban Geography*, John Wiley.
7. Knox P. L. and McCarthy L., 2005: *Urbanization: An Introduction to Urban Geography*, Pearson Prentice Hall New York.
8. Knox P. L. and Pinch S., 2006: *Urban Social Geography: An Introduction*, Prentice-Hall.
9. Kundu, A. (1992): *Urban Development and Urban Research in India*, Khanna Publication, New Delhi.
10. Nangia, S. (1976): *Delhi Metropolitan Region: A Study in Settlement Geography*, Rajesh Publication, New Delhi.
11. Pacione M., 2009: *Urban Geography: A Global Perspective*, Taylor and Francis.
12. Ramachandran R (1989): *Urbanisation and Urban Systems of India*, Oxford University Press, New Delhi
13. Sassen S., 2001: *The Global City: New York, London and Tokyo*, Princeton University Press.
14. Siddhartha K and Mukherjee S, (1996): *Cities, Urbanisation and Urban Systems, Transworld media and communication*, New Delhi
15. Singh, R.B. (Eds.) (2001) *Urban Sustainability in the Context of Global Change*, Science Pub., Inc., Enfield (NH), USA and Oxford & IBH Pub., New Delhi.
16. Singh, R.B. (Ed.) (2015) *Urban development, challenges, risks and resilience in Asian megacities Advances in Geographical and Environmental Studies*, Springer.



3. MS Determination of spatial mean centre of urban settlement using Weighted (population as weight) Centographic measure in Assam and NE India
4. PN Calculation of distribution pattern of ~~nearest~~ urban settlement in a district / State of NE India using N N A.
5. JKB Choropleth map showing spatial pattern of level of urbanisation in Assam and N.E India.
6. DP Determination of Rank-Size relationship of ~~ass~~ urban centres in Assam/NE India / India.
7. PKS Urban population potential mapping based on selected urban centres of Assam / NE India
8. HD Delineation urban influence zones of selected urban centres of Assam / NE India using Reilly's Breaking point formula



- PKS 7. Factors, distribution and production patterns of rice, wheat and sugarcane in the world. (4 classes)
- PKS 8. India's agriculture: Major characteristics and problems; Green revolution; agro-climatic regions. (4 classes)

**Part II: Practical**  
Credit: 2 (20 Marks)

20 classes of 2 hour duration each)

**Unit I: Practical Works (16 Marks)**

(Two questions of 8 marks each)

- PN → 1. Trend of production of major food grains (rice, wheat, maize etc.) in India/ selected States using moving average method. (1 Exercise)
- PN → 2. Preparation of the crop- combination Map of Assam/ North East India based on Nelson's method. (1 Exercise)
- PN → 3. Agricultural productivity pattern in Brahmaputra Valley/Assam/ N E India based on Kendall's Ranking Method. (1 Exercise)
- PN → 4. Mapping of spatial pattern of Intensity of Cropping in Assam/ North East India Exercises) (1 Exercise)
- MS 5. Spatial variation in land use pattern in Brahmaputra valley/ North East India with Pie diagram. (1 Exercises)
- MS 6. Spatial pattern of crop concentration in North East India/ Assam using Location Quotient Method. (1 Exercise)
- PN 7. Spatial pattern of level of agricultural development in Assam/ N E India using Composite Z-Score. (2 Exercises)
- DP 8. Correlation and regression analysis between irrigation and cropping intensity in Assam/N.E. India. (2 Exercises)

**Unit II: Practical Note-Book and Viva-voce (4 Marks)**

1. Evaluation of Practical Note-Book (2 Marks)
2. Viva-voce (2 Marks)

**Reading List:**

1. Basu, D.N., and Guha, G.S. (1996). Agro-Climatic Regional Planning in India, Vol.I& II. New Delhi, India: Concept Publication.
2. Das M.M (2018): Peasant Agriculture in Assam, EBH (India) Publishers, Guwahati.
3. De, N.K., Jana, N.C. 1997: The Land: Multifaceted Appraisal and Management, Sribhumi Publishing.