Program: B.A./B.Sc.	Class: II Year.	Session : 2023-24

Paper I :Economic And Resources Geography (UGeo-0201)

Content of the Course

Course Learning Outcome (CLO)	After the completion of course, the students will have ability to: 1. Understand about the Nature and Scope of Economic Geography. 2. Understand the concept and classification of resource as well as major mineral resources. 3. Identify the major crops and their production and distribution. 4. Understand the fundamental theories in economic geography. 5. Understand the types, characteristics different modes of transportation at national and international level. 6. Understand various international block and role of international trade in economic development. 7. Understand the conservation and management of resources as well as sustainable development.

Content of the Course

Unit	Topic
1.	Meaning, scope and concept of economic geography; Resource: Meaning and classification
2.	Mineral resources: iron ore and bauxite, Power resources: coal, petroleum and hydro electricity; Resource conservation. **Principal Crops**: Wheat, Rice, Sugarcane, Tea, Coffee, Cotton.
3.	Agricultural regions of the world (D. Whittlesey); Theory of agricultural location (Von Thunen); Theory of industrial location (Weber).
4.	International trade: patterns and trends; Major trade blocks: SAARC, BRICKS, OPEC, LAFTA, EEC, ASEAN; Effect of globalization on developing countries
5.	Meaning, scope and concept of economic geography; Resource: Meaning and classification

Learning Resources: Text Books, Reference Books, Other Resources

Suggested readings

1. Alexander, J. W. (1988): Economic Geography. Prentice-Hall, New Delhi,.
2. Bryson, J., Henry, N., Keeble, D. and Martin, R. (eds.) (1999): The Economic Geography Reader: Producing and Consuming Global Capitalism. John Wiley and Sons, Inc, New York.
3. Clark,G. L., Gertler, M. S. and Feldman, M. P. (eds.) (2000): The Oxford Handbook of Economic Geography. Oxford University Press, USA.
4. Coe, N. (2007): Economic Geography: A Contemporary Introduction. Blackwell Publishers, Inc., Massachusetts.
5. Gautam, A. (2006): *Aarthik Bhugol Ke Mool Tattava,* Sharda Pustak Bhawan, Allahabad.
6. Guha, J. S. and Chattoraj, P.R. (2002): A New Approach to Economic Geography: A Study of Resources. The World Press Private Limited, Kolkata.
7. Hanink, D. M. (1997): Principles and Applications of Economic Geography: Economy, Policy, Environment. John Wiley and Sons, Inc, New York.
8. Hartshorne, T. A. and Alexander, J. W. (1988): Economic Geography (3rd revised edition) Englewood Cliff , New Jersey, Prentice Hall

Hudson, R. (2005): Economic Geographies: Circuits, Flows and Spaces. Sage Publications,

Suggested equivalent online course: 1. epgp.inflibnet.ac.in
2. virtual lectures available on YouTube

Program: B.A./B.Sc.	Class: II Year.	Session : 2023-24

Paper II : Regional Geography of India (UGeo-0202)

Course Learning Outcome (CLO)	After the completion of course, the students will have ability to: 1. Understand the about the physiographic division of India and Drainage system of India. 2. Understand the seasonal variation of climate and monsoon of India. 3. Understand the various biotic, conventional and non conventional resources and their distribution in India. 4. Understand the growth, density and distribution of Indian population. 5. Identify the major crops, production and distribution, agriculture region of India 6. Understand the impact of green revolution on Indian agriculture. 7. Understand the industrial production and development in India.

Content of the Course

Unit	Topic
1.	Physical Features: Structure, Relief, Drainage, Climate and Monsoon.
2.	Natural Resources: Soils - types, their distribution and characteristics. Water Resources (major irrigation and hydro- power projects); Forests: types and distribution.
3.	Mineral and Power resources: Iron-ore, Bauxite, Coal, Petroleum and Natural gas, Atomic energy and Non conventional sources of energy.
4.	Cultural Features: Population - Growth, Density and Distribution. Agriculture - Major Cereals: Paddy, Wheat. Major Cash crops: Tea, Coffee, Sugarcane. Impact of Green Revolution, Agro-climatic region.
5.	Industries Localization, Development & Production - Iron and steel, Cotton Textile, Cement, Sugar. Transport, Industrial Region.

Learning Resources: Text Books, Reference Books, Other Resources

Books Recommended:

1. Chauhan, P.R. and Prasad, M. (2003): *Bharat Ka Vrihad Bhugol*, Vasundhara Prakashan, Gorakhpur.
2. Farmer, B.H. (1983): An Introduction to South Asia. Methuen, London
3. Gautam, A. (2006): Advanced Geography of India, Sharda Pustak Bhawan, Allahabad
4. Johnson, B.L.C. (1963): Development in South Asia. Penguin Books, Harmondsworth
5. Krishnan, M.S. (1982): Geology of India and Burma, CAS Publishers and Distributors, Delhi.
6. Khullar, D.R. (2007): India: A Comprehensive Geography, Kalyani Publishers, New Delhi
7. Nag, P. and Gupta, S. S. (1992): Geography of India, Concept Publishing Company, New Delhi.
8. Rao, B.P. (2007): *Bharat kee Bhaugolik Sameeksha*, Vasundhara Prakashan, Gorakhpur.
9. Singh , J. (2003): India: A Comprehensive Systematic Geography. Gyanodaya Prakashan, Gorakhpur
10. Singh, J. (2001): *Bharat: Bhougolik Aadhar Avam Ayam*, Gyanodaya Prakashan, Gorakhpur.
11. Singh, R.L. (ed.) (1971): India: A Regional Geography. National Geographical Society of India, Varanasi.
12. Spate, O.H. K., Learmonth A. T. A. and Farmer, B. H. (1996): India, Pakistan and Sri Lanka. Methuen, London, 7th edition.
13. Sukhwal, B.L. (1987): India: Economic Resource Base and Contemporary Political Patterns. Sterling Publication, New Delhi
14. Tiwari, R.C. (2007): Geography of India, Prayag Pustak Bhawan, Allahabad.

Suggested equivalent online course: 1. epgp.inflibnet.ac.in
2. virtual lectures available on YouTube

Program: B.A./B.Sc.	Class: II Year.	Session : 2023-24

Paper-III Practical Geography (UGeo-0203)

Course Learning Outcome (CLO)	After the completion of course, the students will have ability to: 1. Understand the map design and map layout through various Cartographic symbols and techniques. 2. Understand the Meaning, concept, classification and importance of map projections. 3. To get a knowledge of Weather Maps and the use of Meteorological instrument. 4. To get knowledge about Prismatic Compass Survey and Whole Circle Bearing and Reduced Bearing. 5. Students are understood about how to represent of geographical data with different types of cartographic technique and Statistical Methods through practical workbook.

Content of the Course

Unit	Topic
Section A: Map Interpretation, Projections And Statistical Methods	**MM- 25**
1.	Principle of map design, elements of maps layout, Types of cartographic symbol: point, line, area and their application. Maps: definition and their application- Dot Map, Sphere map, Choropleth Map, chorochromatic and Isopleth Map.
2.	Map Projections: Meaning, Definition, classification and importance; Cylindrical: Equidistance, Equal area and Mercator projection.
3.	Conical: One standard and two standard parallel, Polar Zenithal: Orthographic, Stereographic, Gnomonic Projection.
4.	Statistical Methods: Quartile: Mean Deviation, Standard Deviation and Quartile, Deviation; Relative Variability and Co-efficient of Variation.
Section B: Surveying	**MM- 15**
5.	Surveying: Prismatic Compass Survey, Whole Circle Bearing and Reduced Bearing, correction of bearing. Open traverse and close traverse.
Section C Practical Record And Viva Voce	**M.M- 10**

Learning Resources: Text Books, Reference Books, Other Resources

Suggested Readings:

1. Davis, R.E. and Foote, F.S. (1953): Surveying, 4th edition, McGraw Hill Publication, New York
2. Monkhouse, F. J. and Wilkinson, F.J. (1985): Maps and Diagrams. Methuen, London
3. Natrajan, V. (1976): Advanced Surveying, B.I. Publications., Mumbai
4. Raisz, E. (1962): General Cartography. John Wiley and Sons, New York. 5th edition.
5. Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata.
6. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Singh, L.R. (2006): Fundamentals of Practical Geography, Sharda Pustak Bhawan, Allahabad.
7. Venkatramaiah, C. (1997): A Text Book of Surveying, Universities Press, Hyderabad.
8. षर्मा,जे.पी. (2001) : प्रायोगिक भूगोल, रस्तोगी पब्लिकेषन, मेटूरं
9. मिश्रा, आर.एन.एवं पी.के.षर्मा (2019) : प्रायोगिक भूगोल, रावत पब्लिकेषन्स, जयपुरं
10. तिवारी,आर.सी.एवं सुधाकर त्रिपाठी (2009) : अभिनव प्रायोगात्मक भूगोल, प्रयाग पुस्तक भवनं
11. मॉक हाऊस तथा विल्किन्सन (अनुवाद प्रो. प्रेमचन्द्र अग्रवाल) : मानचित्र तथा आरेख, मध्यप्रदेष हिंदी इलाहबाद ग्रंथ अकादमी भोपालं

Suggested equivalent online course:1. epgp.inflibnet.ac.in 2. virtual lectures available on you tube

Head Soon Sophia

(Dr. Sheela Shirbhate)