

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)



Department of Geography
Syllabus

B. A. Third year
(CBCS Pattern)
(Year: 2020-21)

w.e.f. June, 2019

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)
B. A. I, II and III year
CBCS Pattern
Curriculum in Geography

Class	Semester	Course Code	Course Title	Lectures	Marks	Credits
B.A. First Year	I	U-GEO-118	Introduction to Geography	50	50	02
		U-GEO-119	Elements of Human Geography	50	50	02
		U-GEO-120	Practical Geography	45 (Pract.15)	50	02
	II	U-GEO-218	Principles of Geomorphology	50	50	02
		U-GEO-219	Population Geography	50	50	02
		U-GEO-220	Practical Geography	45 (Pract.15)	50	02
B.A. Second Year	III	U-GEO-318	Principles of Climatology	50	50	02
		U-GEO-319	Physical Geography of Maharashtra	50	50	02
		U-GEO-320	Practical Geography	45 (Pract.15)	50	02
	IV	U-GEO-418	Principles of Oceanography	50	50	02
		U-GEO-419	Human Geography of Maharashtra	50	50	02
		U-GEO-420	Practical Geography	45 (Pract.15)	50	02
B.A. Third Year	V	U-GEO-519	Environmental Geography	50	50	02
		U-GEO-520	Physical Geography of India	50	50	02
			Geography of Tourism	50	50	02
	U-GEO-521	Practical Geography	90 (Pract.30)	50	02	
	VI	U-GEO-619	Geography of Natural Resources	50	50	02
		U-GEO-620	Human Geography of India	50	50	02
			Introduction to GIS	50	50	02
		U-GEO-621	Practical Geography	90 (Pract.30)	50	02

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B.A. Third Year

Semester - V

Course Code	Course Title	Lect. per Week	Lect. per Sem.	Marks		
				Internal	External	Total
U-GEO-519	Environmental Geography	04	50	20	30	50
U-GEO-520	Physical Geography of India	04	50	20	30	50
	Geography of Tourism	04	50	20	30	50
U-GEO-521	Practical Geography	03 (Pract.-01) Per Batch	45 (Pract. -15) Per Batch	20	30	50

Semester - VI

Course Code	Course Title	Lect. per Week	Lect. per Sem.	Marks		
				Internal	External	Total
U-GEO-619	Geography of Natural Resources	04	50	20	30	50
U-GEO-620	Human Geography of India	04	50	20	30	50
	Introduction to GIS	04	50	20	30	50
U-GEO-621	Practical Geography	03 (Pract.-01) Per Batch	45 (Pract. -15) Per Batch	20	30	50

Note:

1) Internal marks will be divided as follows:

i) Two tests : 15 Marks

Marks of two tests will be converted into 15

ii) Attendance : 05 Marks

2) Submission of certify journal and field report is compulsory without which students will not be allowed to appear for practical examination.

3. Submission of certified journal is compulsory without which students shall not be allowed to appear for practical examination.

Objectives of the Curriculum:

The basic objectives of the various courses designed in the subject geography are as follows:

1. To create awareness among the students about the subject geography and train them in the subject.
2. To enable the students to face the competitive examinations like MPSC, UPSC etc.
3. To enable the students to face NET/SET examination.
4. To improve the quality of field works, excursions, village or part of city surveys because of which the students can become familiar with different regions.
5. To make a student dynamic by studying innovative concepts and multi-disciplinary approach of the provided curriculum.
6. To develop interest among the students about the geography in which they can make their career.

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B.A.III yr (Semester-V)

Geography

Course Title : **Environmental Geography**

Course Code : **U-GEO-519**

Paper No.: IX

Lectures: 50

Credits : 02

Max. Marks: 50

Learning Objectives:

- 1) To describe the concept of environment and ecosystem.
- 2) To make aware about the air and water pollutions causes and effects.

Course Outcomes:

Students will be able to

- 1) Understand the significance of environment and the role of ecosystem in environment.
 - 2) Aware about environmental issues and its remedies.
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Unit – I: Environment Geography

- i) Definitions of Environment Geography
- ii) Nature of Environment Geography
- iii) Scope of Environment Geography.

Unit – II: Ecosystem

- i) Meaning of Ecosystem.
- ii) Types of Ecosystem.
- iii) Structure of Ecosystem.

Unit – III: Air Pollution

- i) Causes of Air Pollution
- ii) Effects of Air Pollution
- iii) Remedies of Air Pollution

Unit-IV : Water Pollution

- i) Causes Water Pollution
- ii) Effects Water Pollution
- iii) Remedies of Air Pollution.

Reference Books:

- 1) Savindra Singh, (2000): Environmental Geography. Prayag Pustak Bhavan, Allahabad.
- 2) Alexander, D. (1993): Natural Disasters. UCL Press Ltd, London.
- 3) P.C Sinha; Introduction to Disaster managements; Anmol Publication Pvt. Ltd., New Delhi.
- 4) B. Narayan, Disaster Management; Super Book Distributor, New Delhi.
- 5) I. Mohan, Environmental Problems in 21st Century, Anmol Publication Pvt, Ltd. New Delhi.
- 6) Singh R.B. & Mishra S. (1996) Environmental Laws in India, Issues & Responses, Rawat Publication, New Delhi.
- 7) वाय. व्ही पाटील व इतर: पर्यावरण अभ्यास, अक्षरलेण प्रकाशन, सोलापूर.
- 8) शेटे, केचे, फुले आणि शहापूरकर : पर्यावरण भूगोल, अभिजित पब्लिकेशन, लातूर,

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B.A.III yr (Semester-V)

Geography

Course Title : **Physical Geography of India**

Course Code : **U-GEO-520**

Paper No.: X

Lectures: 50

Credits: 02

Max. Marks : 50

Learning Objectives:

- 1) The course is aimed to students should learn the basics about the Inida. E.g. Location, extent, etc.
- 2) The students should aware about physiography, drainage pattern, soil and vegetation in India.

Course Outcomes:

Students will be able to

- 1) Students know the comprehensive, integrated and empirical based profile of India.
 - 2) Students explain the geographical position of India.
 - 3) Students understand the physical factors like drainage pattern, soil and vegetations.
 - 4) Students understand the diversity and unity in diversity in India.
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Unit I : India: Location and Extent

- i) Location and Extent
- ii) India and Neighbouring Countries
- iii) Location of India in North and East Hemisphere
- iv) Administrative Divisions of India
- iv) India – A Land of Diversity and Unity in Diversity

Unit II : Physiographic Divisions of India

- i) The Northern Mountainous Region
- ii) The Northern Indian Plain Region
- iii) The Indian Plateau Region
- iv) The Coastal Region
- v) The Indian Islands

Unit III: Drainage and Climate

- i) Himalayan River System

- ii) Peninsular River System
- iii) Factors Affecting on Climate of India
- iv) Seasons in India
- v) Distribution and Characteristics of Rainfall in India

Unit IV : Natural Vegetation and Soils.

- i)Types of Forests in India
- ii)Forest Conservation
- iii)Factors Affecting on Origin of Soils
- v) Characteristics of Soils
- vi) Types of Soils in India and Soil Conservation

Reference Books:

1. Chauhan, P.R. and Prasad, M. (2003): Bharat Ka Brihad Bhugol, Vasundhara Prakashan, Gorakhpur.
2. Gautam, A. (2006): Advanced Geography of India, Sharda Pustak Bhawan, Allahabad
3. Khullar, D.R. (2007): India: A Comprehensive Geography, Kalyani Publishers, New Delhi
4. Nag, P. and Gupta, S. S. (1992): Geography of India, Concept Publishing Company, New Delhi.
5. Rao, B.P. (2007): Bharat kee Bhaugolik Sameeksha, Vasundhara Prakashan, Gorakhpur.
6. Singh, J. (2003): India: A Comprehensive Systematic Geography. Gyanodaya Prakashan, Gorakhpur
7. Singh, R.L. (ed.) (1971): India: A Regional Geography. National Geographical Society of India, Varanasi,.
8. Spate, O.H. K., Learmonth A. T. A. and Fanner, B. H. (1996): India, Pakistan and Sri Lanka. Methuen, London, 7th edition
9. चंद्रचूड म्यामोरीया: भारत का बृहत भूगोल, शारदा पुस्तक भवन, अल्लाहाबाद.
10. विरंद्रसिंह चौहान आणि अलका गौतम: भारत, रस्तोगी पब्लिकेशन, मेरठ.
12. डॉ. शेते आणि बिराजदार: भारताचा भूगोल, विद्याभारती प्रकाशन, लातूर.
13. डॉ. विठ्ठल धारपुरे: भारताचा भूगोल, विद्या प्रकाशन, नागपूर.

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B.A.III yr (Semester-V)

Geography

Course Title : **Geography of Tourism**

Course Code : **U-GEO-520**

Paper No.: XI

Lectures: 50

Credits: 02

Max. Marks: 50

Learning Objectives:

- 1) To familiarize the students with aspects of tourism.
- 2) To understand the impact of tourism on physical and cultural environment.
- 3) To orient the students about the role of tourism in regional development.

Course Outcomes:

Students will be able to

- 1) understand the concept and aspects of tourism.
 - 2) know the role of tourism in regional development.
 - 3) identify the career opportunities in the field of tourism.
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Unit-I : Introduction of Tourism :

- i) Definition, Nature and Scope of Tourism.
- ii) Significance of Tourism.
- iii) History and Evolution of Tourism.

Unit-II : Affecting Factors on Tourism :

- i) Location, Accessibility and Space.
- ii) Scenery, Climate and Wildlife.
- iii) Settlement and Cultural Factors.

Unit- III : Types and Impact of Tourism :

- i) Introduction.
- ii) Types of Tourism.
- iii) Impact of Tourism- Environment, Social & Economic

Unit-IV : Tourism Development and Tourist Centers in Maharashtra:

- i) Introduction.
- ii) Tourism Development in Maharashtra.
- iii) Tourist Centers in Maharashtra.

Reference Books :

- 1) Bhatia A. K. (1966) : 'Tourism Development : Principles and Practices', Sterling Publishers, New Delhi.
- 2) Sharma J. K. (2000) : 'Tourism Planning and Development-A New Perspective', Kaushik Publishers, New Delhi.
- 3) Hunter C. and Green H.(1995) : 'Tourism and the Environment- A Sustainable Relationship', Routledge, London.
- 4) घारपुरे व्ही टी : पर्यटन भूगोल, पिंपळापुरे अंड पब्लिशर्स, नागपूर.

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B.A.III yr (Semester-V)

Geography

Course Title: **Practical Geography**

Course Code : **U-GEO-521**

Paper No.: V

Practicals: 30

Credits : 02

Max. Marks: 50

Learning Objectives:

- 1) To understand the different types of map projections and use of it.
- 2) To know the statistical techniques.
- 3) To understand the importance and use of computer in geography.

Course Outcomes:

Students will be able to

- 1) construct the Map projections and understand their uses.
 - 2) apply the statistical techniques in geographical analysis.
 - 3) uses of computers in the study of geography.
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Unit. I: Projection.

- i) Definition and Classification of Projection.
- ii) Construction, Properties and Uses of Following Projections
 - 1) Zenithal Polar Gnomonic Projection.
 - 2) Zenithal Polar Equal Area Projection.
 - 3) Conical Projection with One Standard Parallel.
 - 4) Bonne's Projection.
 - 5) Cylindrical Equal Area Projection.
 - 6) Mercator's Projection.

Unit. II: Measurement of Central Tendencies.

- i) Mean.
- ii) Median.
- iii) Mode.

(In Simple, Discrete and Continuous Series)

Unit. III: Application of Computer in Geography

- i) Importance of Computer.
- ii) Application of Computer in Geography.
- iii) Application of Computer in Practical Geography.

Unit. IV: Journal and Viva-Voce

Reference Books:

1. Sing and Sing: Mapwork and Practical Geography.
2. Singh L. & Dutta P.K: Elements of Practical Geography.
3. Hammod & Mc Gullah: Quantitative Techniques in Geography.
4. Sarkar, A.K. Practical Geography A Systematic Approach orient Longman, Calcutta,1997.
5. Monk house, F.J. & Wilkinson, H.R.: Maps & Diagrams London, 1994.
6. शर्मा जे.पी .: प्रायोगिक भूगोल, रस्तोगी एण्ड कं मेरठ.
7. अर्जुन कुंभार : प्रात्यक्षिक भूगोल, सुमेरू प्रकाशन ठाणे.
8. डॉ. नागतोडे/ डॉ. लांजेवार : नकाशास्त्र व प्रात्यक्षिक भूगोलशास्त्र, पिंपळापूरे प्रकाशन, नागपूर.

B. A. Third Year

(Semester-VI)

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B.A.III yr (Semester-VI)

Geography

Course Title : **Geography of Natural Resources**

Course Code : **U-GEO-619**

Paper No.: XII

Lectures: 50

Credits :02

Max. Marks: 50

Learning Objectives:

- 1) To introduce the importance of natural resources.
- 2) To present the use of natural resources in the sustainable development.
- 3) To aware about the conservation of natural resources.

Course Outcomes:

Students will be able to

- 1) able to understand the present situation of natural resources.
 - 2) sustain the natural resources for future generation.
 - 3) understand the methods and techniques of soil and forest conservation.
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Unit –I Introduction

- i) Definition of Natural Resources
- ii) Nature of Natural Resources
- iii) Types of Natural Resources

Unit – II: Conservation & Management of Natural Resources.

- i) Meaning of Conservation.
- ii) Planning for the Conservation of Natural Resources.
- iii) Management of Natural Resources.

Unit – III: Soil Conservation

- i) Types of Soil Erosion.
- ii) Factors Affecting on Soil Erosion Rate.
- iii) Techniques of Soil Conservation.

Unit – IV: Forest Conservation

- i) Importance of forest resources
- ii) Geographical utility of forest
- iii) Techniques of forest conservation.

Reference Books:

1. Brereton, E. 1992: *Resource Use and Management*, Cambridge U Press, Cambridge:
2. Elliotte, j. A. 1994: *An Introduction to Sustainable Development: The Developing World*, Routledge, London:
3. Mitchell, B. 1997: *Resources and Environment Management*, Addison Wesley London Ltd., Harlow
4. Pickering, K. and Owen, L.A. 1997: *An Introduction to Global Environmental Issues*, 2nd edition, Routledge, London:
5. Johnston, R.J., Taylor, P.J. and Watts, M.J. (editors): 1995: *Geographies of Global Change: Remapping the World in the Late Twentieth Century*, Blackwell, Oxford: 440p.
6. United Nations Populations Fund 1997: *India Towards Population and Development Goals*, Oxford University Press, New Delhi:
7. Unwin, T. (editor) 1994: *Atlas of World Development*, John Wiley and Sons Ltd., Chichester:
8. World Bank 1996: *From Plan to Market: World Development Report 1996*, Oxford University Press, Oxford
9. World Resources Institute 1998: *World Resources 1998-99: A Guide to the Global Environment*, Oxford University Press,
10. Negi, B.S. (1997) *Geography of Resources*, Rastogi Pub., Meerut.

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B.A.III yr (Semester-VI)

Geography

Course Title : **Human Geography of India**

Course Code : **U-GEO-620**

Paper No.: XIII

Lectures : 50

Credits :02

Max. Marks : 50

Learning Objectives:

- 1) This course will introduce to students about the Human development in India.
- 2) The subject will help to students to get the knowledge and aware about the mineral and energy resources in India.

Course Outcomes:

Students will be able to

- 1) know human activity in India.
 - 2) realize about the distribution and consequences of growth of population.
 - 3) understand about the production and distribution of food, cash and plantation crops in India.
 - 4) know the industrial development and transport facilities in India.
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Unit-I: Population

- i) Factors Affecting on Distribution of Population
- ii) Distribution of Population in India

Unit-II: Minerals and Energy Resources

- i) Mineral Resources-Iron Ore and Manganese
- ii) Energy Resources-Coal and Mineral Oil

Unit-III: Industries

- i) Agro Based Industries- Cotton Textile Industry
- ii) Mineral Based Industries-Iron and Steel Industry

Unit-IV: Transport

- i) Importance of Transport
- ii) Transport Routes-Roads, Railways, Airways and Waterways

Reference Books:

1. Chauhan, P.R. and Prasad, M. (2003): Bharat Ka Brihad Bhugol, Vasundhara Prakashan, Gorakhpur.
2. Gautam, A. (2006): Advanced Geography of India, Sharda Pustak Bhawan, Allahabad
3. Khullar, D.R. (2007): India: A Comprehensive Geography, Kalyani Publishers, New Delhi
4. Nag, P. and Gupta, S. S. (1992): Geography of India, Concept Publishing Company, New Delhi.
5. Rao, B.P. (2007): Bharat kee Bhaugolik Sameeksha, Vasundhara Prakashan, Gorakhpur.
6. Singh, J. (2003): India: A Comprehensive Systematic Geography. Gyanodaya Prakashan, Gorakhpur
7. Singh, R.L. (ed.) (1971): India: A Regional Geography. National Geographical Society of India, Varanasi,.
8. Spate, O.H. K., Learmonth A. T. A. and Fanner, B. H. (1996): India, Pakistan and Sri Lanka. Methuen, London, 7th edition
9. चंद्रचूड म्यामोरीया: भारत का बृहत भूगोल, शारदा पुस्तक भवन, अल्लाहाबाद.
10. विरंद्रसिंह चौहान आणि अलका गौतम: भारत, रस्तोगी पब्लिकेशन, मेरठ.
12. डॉ. शेठे आणि बिराजदार: भारताचा भूगोल, विद्याभारती प्रकाशन, लातूर.
13. डॉ. विठ्ठल घारपुरे: भारताचा भूगोल, विद्या प्रकाशन, नागपूर.

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B.A.III yr (Semester-VI)

Geography

Course Title : **Introduction to GIS**

Course Code : **U-GEO-620**

Paper No.: XIII

Lectures : 50	Credits :02	Max. Marks : 50
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Learning Objectives:

1. To introduce the concepts and components of Geographic Information system (GIS) to the students.
2. To make the students aware about the geographical data like spatial and non-spatial and components of maps.

Course Outcomes:

Students will be able to

1. understand the concepts and components of GIS.
 2. know the types of geospatial data and can prepare maps
-

Unit I : Introduction to GIS

- i) Definition, History of GIS
- ii) Components of GIS

Unit II : Hardware's and Software's

- i) Hardware's - Basic Blocks of Computer, Processor, memory and input / output devices.
- ii) Software's- ArcGIS, Arc View, QGIS and Open Source

Unit III : Geographic Data Types.

- i) Spatial Data - Representation of Geographic features in Vector and Raster model - point line and polygon. Concepts of Arc, Node, Vertices and topology.
- ii) Non spatial data

Unit IV : Map

i) Definition, Types, Elements, Importance

ii) Application of Map.

Reference Books:

1. Introduction to GIS by Kang-Stung-Chang, published by Tata McGraw Hill publication.com.2002.
2. An introduction to GIS by Heywood I. Cornelius S. Carrer S. published by Pearson Education Pvt. Ltd. 2002.
3. The GIS book by Korte G.B. Published by onward press 2001.

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B.A.III yr (Semester-VI)

Geography

Course Title : **Practical Geography**

Course Code : **U-GEO-621**

Paper No.: VI

Practical :30

Credits :02

Max. Marks : 50

Learning Objectives:

1. To know the Measurement of Deviations.
2. To develop the skill of survey and mapping.

Course Outcomes:

Students will be able to

1. apply the Measurement of Deviations in geographical analysis.
 2. use the survey instruments for surveying the fields.
 3. prepare maps.
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Unit-I: Measurement of Deviations.

- i) Quartile Deviation and Its Co-efficient.
 - ii) Mean Deviation and Its Co-efficient.
 - iii) Standard Deviation and Its Co-efficient.
- (In Simple, Discrete and Continuous Series)

Unit-II: Surveying.

- i) Plane Table Survey - Close Traverse.
- ii) Chain and Tape Survey -
 - a) Triangulation Survey.
 - b) Open Traverse.
 - c) Close Traverse.

Unit-III: Excursion or Tour Report/Village Survey Report/Part of City or Town Survey Report.

Unit-IV: Journal and Viva-Voce.

Reference Books:

1. Gregory, S. Statistical Methods and the Geographers. Longman S. London, 1963.
2. Khan, Z.A. Text Book of Practical Geography Concept Publishing Co. New Delhi.
3. Monkhouse, FJ. & H.R. Winkinson. Maps and Diagrams. Methuen. London, 1994.
4. Pal, /s. K. Statistics for Geoscientists- Techniques and Approaches. Concept, New Delhi, 1998.
5. Sarkar, A.K. Practical Geography- A Systematic Approach. Orient Longman, Calcutta, 1997.
6. Raisz, E. (1962): Principles of Cartography, McGraw Hill, New York.
7. Singh, R.L. and Singh Raila P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi.
8. डॉ. नागतोडे/ डॉ. लांजेवार : नकाशास्त्र व प्रात्यक्षिक भूगोलशास्त्र, पिंपळापूरे प्रकाशन, नागपूर.
9. शर्मा जे.पी. : प्रायोगिक भूगोल, रस्तोगी एण्ड कं मेरठ.
10. अर्जुन कुंभार : प्रात्यक्षिक भूगोल, सुमेरू प्रकाशन ठाणे.