

**Rajarshi Shahu  
Mahavidyalaya, Latur  
(Autonomous)**



**Department of Geography  
(UG, PG and Research Centre)**

**2022-23**

**Rajarshi Shahu Mahavidyalaya, Latur**  
**(Autonomous)**



**Department of Geography**  
**Syllabus**

**B. A. Third year**  
**(CBCS Pattern)**  
**(Year: 2022-23)**

**Revised June 2022**

## 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	Introduction to 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 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	

# Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

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 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.

# **Rajarshi Shahu Mahavidyalaya, Latur**

(Autonomous)

**B.A.III yr (Semester-V)**

**Geography**

Course Title: **Environmental Geography**

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

Paper No.: IX

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**Lectures: 50**

**Credits: 02**

**Max. Marks: 50**

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**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: Biodiversity**

- i) Meaning of Biodiversity
- ii) Degradation of Biodiversity
- iii) Importance of Biodiversity

**Unit-IV: Pollution**

- i) Causes, Effect and Remedies of Air Pollution
- ii) Causes, Effect and Remedies of Water Pollution
- iii) Causes, Effect and Remedies of Sound Pollution.

### Reference Books:

- 1) Savindra Singh, (2000): Environmental Geography. PrayagPustakBhavan, 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 21<sup>st</sup> 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,

# **Rajarshi Shahu Mahavidyalaya, Latur**

(Autonomous)

**B.A.III yr (Semester-V)**

**Geography**

Course Title: **Physical Geography of India**

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

Paper No.: X

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**Lectures: 50**

**Credits: 02**

**Max. Marks: 50**

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## **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 Neighboring Countries
- iii) 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
- iv) 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
- iv) Characteristics of Soils
- v) 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 ke 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 बृहत् 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.

# **Rajarshi Shahu Mahavidyalaya, Latur**

(Autonomous)

**B.A.III yr (Semester-V)**

**Geography**

Course Title: **Geography of Tourism**

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

Paper No.: **XI**

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**Lectures: 50**

**Credits: 02**

**Max. Marks: 50**

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## **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) घारपुरेव्हीटी : पर्यटनभूगोल, पिंपळापुरेअंडपब्लिशर्स, नागपूर.

# **Rajarshi Shahu Mahavidyalaya, Latur**

(Autonomous)

**B.A.III yr (Semester-V)**

**Geography**

Course Title: **Practical Geography**

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

Paper No.: V

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**Practical: 30**

**Credits: 02**

**Max. Marks: 50**

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## **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. शर्माजे.पी .: प्रायोगिकभूगोल, रस्तोगी एण्ड कं मेरठ.
7. अर्जुनकुंभार : प्रात्यक्षिकभूगोल, सुमेरू प्रकाशन ठाणे.
8. डॉ. नागतोडे/ डॉ. लांजेवार : नकाशास्त्रवप्रात्यक्षिकभूगोलशास्त्र, पिंपळापूरेप्रकाशन, नागपूर.

**B. A. Third Year**

**(Semester-VI)**

# **Rajarshi Shahu Mahavidyalaya, Latur**

**(Autonomous)**

**B.A.III yr (Semester-VI)**

**Geography**

**Course Title: Geography of Resources**

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

**Paper No.: XI**

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**Lectures: 50**

**Credits: 02**

**Max. Marks: 50**

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## **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 to Geography of Resources**

- i) Definition, Nature and Scope of Geography of Resources
- ii) Relationship of Geography of Resources with other Sciences
- iii) Importance of Study of the Geography of Resources

## **Unit-II Introduction of Resources**

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

## **Unit – III Conservation & Management of Resources**

- i) Meaning of Conservation
- ii) Planning of Resources
- iii) Management of Resources

## Unit – IV Soil Conservation

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

# **Rajarshi Shahu Mahavidyalaya, Latur**

(Autonomous)

**B.A.III yr (Semester-VI)**

**Geography**

Course Title: **Human Geography of India**

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

Paper No.: XII

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**Lectures: 50**

**Credits: 02**

**Max. Marks: 50**

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## **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 Growth and Distribution of Population
- ii) Growth and Distribution of Population.
- iii) Consequences of Growth of Population

## **Unit-II: Agriculture**

- i) Factors Affecting on Agriculture
- ii) Production and Distribution of Wheat, Rice, Cotton, Sugarcane, Tea and Coffee

## **Unit-III: Industries**

- i) Factors Affecting on Location of Industries.
- ii) Agro Based Industries- Cotton Textile Industry.
- iii) Mineral Based Industries- Iron and Steel Industries.

## **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 KaBrihadBhugol, VasundharaPrakashan, Gorakhpur.
2. Gautam, A. (2006): Advanced Geography ofIndia, ShardaPustakBhawan, 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 keeBhaugolikSameeksha, VasundharaPrakashan, Gorakhpur.
6. Singh, J. (2003): India: A Comprehensive Systematic Geography. GyanodayaPrakashan, Gorakhpur
7. Singh, R.L. (ed.) (1971): India: A Regional Geography. National Geographical Society of India, Varanasi,.
8. Spate, O.H. K., Learnonth 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.

# **Rajarshi Shahu Mahavidyalaya, Latur**

**(Autonomous)**

**B.A.III yr (Semester-VI)**

**Geography**

**Course Title: Introduction to GIS**

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

**Paper No.: XII**

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**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
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## **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.

# **Rajarshi Shahu Mahavidyalaya, Latur**

(Autonomous)

**B.A.III yr (Semester-VI)**

**Geography**

Course Title: **Practical Geography**

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

Paper No.: VI

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**Practical: 30**

**Credits : 02**

**Max. Marks : 50**

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## **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.
- 

## **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 : नकाशास्त्रवप्रात्यक्षिकभूगोलशास्त्र, पिंपळापूरेप्रकाशन, नागपूर.
9. शर्माजे.पी .: प्रायोगीकभूगोल, रस्तोगी एणड कं मेरठ.
10. अर्जुनकुंभार : प्रात्यक्षिकभूगोल, सुमेरू प्रकाशन ठाणे.