

**Rajarshi Shahu Mahavidyalaya, Latur**

**(Autonomous)**



**Department of Geography**

**Syllabus**

**B. A. Second Year**

**(CBCS Pattern)**

**(Year: 2020-21)**

**w.e.f. June, 2018**

**(Revised June 2019)**

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

<b>Class</b>	<b>Semester</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Lectures</b>	<b>Marks</b>	<b>Credits</b>
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	

# Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B.A. Second Year

## Semester - III

Course Code	Course Title	Lect. per Week	Lect. per Sem.	Marks		
				Internal	External	Total
U-GEO-318	Principles of Climatology	04	50	20	30	50
U-GEO-319	Physical Geography of Maharashtra	04	50	20	30	50
U-GEO-320	Practical Geography – III	03 (Pract.-01) Per Batch	45 (Pract.-15) Per Batch	20	30	50

## Semester - IV

Course Code	Course Title	Lect. per Week	Lect. per Sem.	Marks		
				Internal	External	Total
U-GEO-418	Principles of Oceanography	04	50	20	30	50
U-GEO-419	Human Geography of Maharashtra	04	50	20	30	50
U-GEO-420	Practical Geography - IV	03 (Pract.-01) Per Batch	45 (Pract.-15) Per Batch	20	30	50

**Note:**

1. Internal marks will be divided as follows:
  - a. Two tests (Each test of 30 Marks) : 15 Marks  
Marks of two tests will be converted into  
15 Marks
  - b. Attendance : 05 Marks
2. Strength of the Students for each practical batch shall not be more than twenty.
3. Submission of certified journal is compulsory without which students shall not be allowed to appear for practical examination.
4. 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.II yr (Semester-III)**

**Geography**

Course Title : **Principles of Climatology**

Course Code: **U-GEO-318**

Paper No. : V

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**Lectures: 50**

**Credits: 02**

**Max. Marks: 50**

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## **Learning Objectives:**

- 1) To create awareness about weather and climate phenomena.
- 2) To develop the understanding regarding climatic issues.
- 3) To familiarise the Students about factors affecting on the Insolation

## **Course Outcomes:**

Student will be able to

- 1) understand the Weather and Climate.
  - 2) explain dynamics of global Climates.
  - 3) classify the winds.
  - 4) know local Factors affecting on Temperature.
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## **Unit-I : Introduction to Climatology**

- i) Meaning, Nature and Scope of Climatology.
- ii) Elements of Weather and Climate.

## **Unit-II : Atmosphere**

- i) Introduction to Atmosphere.
- ii) Composition and Structure of the Atmosphere.

## **Unit III : Insolation and Temperature**

- i) Factors affecting on Insolation.
- ii) Factors affecting on Temperature.

## **Unit-IV: Atmospheric Pressure and Winds**

- i) Atmospheric Pressure- Pressure Belts
- ii) Winds-Types of Winds

**Reference Books:**

- 1) Trewartha , G.T.: An Introduction to Climate , Mc Graw Hill, New York.
- 2) Critchfield, H: General Climatology, Prentice- Hall, New York.
- 3) Lal D.S.: Climatology, Sharda Pustak Bhavan, Allahabad.
- 4) Strahler, A.N. and Strahler, A.H.Modern Physical Geography, John Wiley and Sons, London.
- 5) डॉ. शेते एस. टी. : हवामानशास्त्र व सागरविज्ञान, अभिजीत पब्लिकेशन, लातूर.
- 6) धारपुरे विठ्ठल-: हवामानशास्त्र , पिंपळापुरे अँड कं. पब्लीशर्स, नागपूर.

# **Rajarshi Shahu Mahavidyalaya, Latur**

(Autonomous)

**B. A. Iyr (Semester-III)**

**Geography**

Course Title: **Physical Geography of Maharashtra**

Course Code: **U-GEO-319**

Paper No.: VI

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**Lectures: 50**

**Credits :02**

**Max. Marks : 50**

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**Learning Objectives:**

- 1) To introduce the regional Geographical aspects.
- 2) To make aware about physical profile of Maharashtra.

**Course Outcomes:**

Students will be able to

- 1) understand the location and formation of Maharashtra.
  - 2) familiar about the geographical profile of Maharashtra.
  - 3) know the nature of climate, season and drainage pattern of Maharashtra.
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**I) Maharashtra: Location and Extend**

- i) Location, Size and Boundaries.
- ii) History and Formation of Maharashtra.
- iii) Administrative Divisions.
- iv) Regional Divisions.

**II) Physical Divisions of Maharashtra**

- i) The Sahyadri and Hilly Ranges.
- ii) Plateau Region.
- iii) Coastal Region.

**III) Climate and Drainage**

- i) Nature of Climate in Maharashtra.
- ii) Seasons in Maharashtra.
- iii) Drainage System in Maharashtra.

#### IV) Soils and Vegetation.

- i) Factors Affecting on Soil Formation.
- ii) Types of Soils in Maharashtra and Soil Conservation.
- iii) Factors affecting on Natural Vegetation.
- iv) Types of Forests in Maharashtra and Forest Conservation.

#### Reference Books :

- 1) B. Arunachalam : Maharashtra, A.R. Sheth & Co. Educational Publisher, Bombay.
- 2) डॉ. सुभाषचंद्र सारंग : महाराष्ट्राचा भूगोल, विद्या प्रकाशन, नागपूर.
- 3) डॉ. सुरेश फुले : महाराष्ट्राचा भूगोल, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
- 4) डॉ. प्रकाश सावंत : महाराष्ट्राचा भूगोल, फडके प्रकाशन, कोल्हापूर.
- 5) प्रा. ए.बी. सवदी : महाराष्ट्र निराली प्रकाशन, पुणे.
- 6) प्रा. टी पी. पाटील: महाराष्ट्राचा भूगोल, पिंपळापुरे कं पब्लिशर्स, नागपूर.
- 7) के. ए. खतीब: महाराष्ट्राचा भूगोल, मेहता पब्लिशिंग हाउस.



# **Rajarshi Shahu Mahavidyalaya, Latur**

(Autonomous)

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

**Geography**

Course Title : **Practical Geography**

Course Code: **U-GEO-320**

Paper No.: III

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**Practical: 15**

**Credits: 02**

**Max. Marks: 50**

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## **Learning Objectives:**

- 1) To become familiar with weather instruments and their functions.
- 2) To give the skills and techniques to draw climatic graphs and diagrams.

## **Course Outcomes:**

Students will be able to

- 1) understand the Structure and functions of weather Instruments.
  - 2) draw climatic graphs and diagrams and analyze data.
  - 3) interpret Indian daily weather reports.
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## **Unit-I: Introduction of Weather Instruments**

- i) Minimum & Max. Thermometer.
- ii) Dry & Wet Bulb Thermometer.
- iii) Rainguage
- iv) Aneroid Barometer.
- v) Wind Vane.
- vi) Cup-Anemometer.

## **Unit-II: Climatic Graphs and Diagrams**

- i) Climograph.
- ii) Hythergraph.
- iii) Star Diagram.
- iv) Wind Rose

## **Unit-III: Study of Indian Daily Weather Reports**

- iii) Weather Signs & Symbols.
- iv) Interpretation of Indian Daily Weather Reports. One each from winter, summer & Rainy Season.

## **Unit-IV: Field Visit and Preparation of Report**

**Reference Books:**

- 1) Mishra R.P. & Ramesh A. Fundamentals of cartography. McMillan Co.H.D.1986.
- 2) Singh R.L. Elements of Practical Geography, Kalyani Publication, H.D.
- 3) Sarkar, A.K. Practical Geography A Systematic Approach orient Longman, Calcutta, 1997.
- 4) Monk house, F.J. & Wilkinson, H.R.: Maps & Diagrams London, 1994.
- 5) Dr. Khullar, Practical Geography, King Books, Educational Publisher, Delhi.
- 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. Second Year**

**(Semester-IV)**

# **Rajarshi Shahu Mahavidyalaya, Latur**

(Autonomous)

**B.A.II yr (Semester-IV)**

**Geography**

Course Title : **Principles of Oceanography**

Course Code : **U-GEO-418**

Paper No.: VII

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**Lectures: 50**

**Credits : 02**

**Max. Marks: 50**

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## **Learning Objectives:**

- 1) To introduce the basic concepts, processes of Oceans.
- 2) To give the knowledge of Ocean Temperature and Salinity.

## **Course Outcomes:**

Students will be able to

- 1) effectively understand the basic concepts, processes.
  - 2) identify the bottom topography of Ocean.
  - 3) interpret the distribution of temperature and salinity of Oceans.
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## **Unit. I: Introduction to Oceanography**

- i) Meaning, Nature and Scope of Oceanography
- ii) Significance of the Study of Oceanography

## **Unit. II: Ocean Floor and Bottom Topography**

- i) Nature of Ocean Floor
- ii) Atlantic, Pacific and Indian Ocean

## **Unit. III: Temperature and Salinity of Oceans**

- i) Distribution of temperature
- ii) Distribution of salinity

## **Unit-IV: Circulation of Oceanic Water**

- i) Sea Waves and Tides
- ii) Ocean Currents

**Reference Books:**

1. Anikouchine, W.A. and Sternberg, R.W.: The World Oceans –An introduction to Oceanography, Englewood Cliffs, N.J. 1973.
2. Grald, S. : General Oceanography – An Introduction, John Wiley and Sons, New York, 1980.
3. Garrison, T. Oceanography, Wadsworth.com, USA 1998.
4. King, C.A.M. Beaches and Coasts, E. Arnold, London, 1972.
5. King, C.A.M. Oceanography for Geographers E. Arnold, London, 1975.
6. डॉ.शंकरराव शेठे : हवामानशास्त्र व सागरविज्ञान,अभिजित पब्लिकेशन,लातूर
7. कोलते,भोयर,पुराणिक,कुबडे : हवामानशास्त्र व सागरविज्ञान,विद्या प्रकाशन,नागपूर
8. डॉ. विठ्ठल धारपुरे : सागरविज्ञान,पिंपळापुरे पब्लिकेशन,नागपूर

# **Rajarshi Shahu Mahavidyalaya, Latur**

(Autonomous)

**B.A.II yr (Semester-IV)**

**Geography**

Course Title : **Human Geography of Maharashtra**

Course Code : **U-GEO-419**

Paper No.: VIII

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**Lectures: 50**

**Credits: 02**

**Max. Marks: 50**

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**Learning Objectives:**

- 1) To become familiar with regional population aspects.
- 2) To make aware about the factors affecting on agricultural and industrial development in Maharashtra.

**Course Outcome:**

Students will be able to

- 1) understand the growth, distribution and structure of population in Maharashtra.
  - 2) identify and interpret the local effects of various aspects on agriculture and industrial development in Maharashtra.
  - 3) identify and classify the transportation and communication modes.
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**I) Population**

- i) Growth, Distribution and Structure of Population.
- ii) Migration of Population.

**II) Agriculture**

- i) Factors Affecting on Agriculture.
- ii) Production and Distribution of Major Crops.

**III) Industries**

- i) Industries.
- ii) Industrial Regions.

**IV) Transportation and Communication**

- i) Types of Transportation Modes.
- ii) Types of Communication Modes.

**Reference Books:**

- 1) B. Arunachalam: Maharashtra, A.R. Sheth & Co. Educational Publisher, Bombay.
- 2) डॉ. सुभाषचंद्र सारंग : महाराष्ट्राचा भूगोल, विद्या प्रकाशन, नागपूर.
- 3) डॉ. सुरेश फुले : महाराष्ट्राचा भूगोल, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
- 4) डॉ. प्रकाश सावंत : महाराष्ट्राचा भूगोल, फडके प्रकाशन, कोल्हापूर.
- 5) प्रा. ए.बी. सवदी : महाराष्ट्र निराली प्रकाशन, पुणे.
- 6) प्रा. टी पी. पाटील: महाराष्ट्राचा भूगोल, पिंपळापुरे कं पब्लिशर्स, नागपूर.
- 7) के. ए. खतीब: महाराष्ट्राचा भूगोल, मेहता पब्लिशिंग हाउस.

# **Rajarshi Shahu Mahavidyalaya, Latur**

(Autonomous)

**B.A.II yr (Semester-IV)**

**Geography**

Course Title : **Practical Geography**

Course Code : **U-GEO-420**

Paper No.: IV

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**Practical :15**

**Credits :02**

**Max. Marks : 50**

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## **Learning Objectives:**

- 1) To make known to the different cartographical methods.
- 2) To give the techniques and skills of two and three dimensional diagrams for representation of economic data.

## **Course Outcomes:**

Students will be able to

- 1) Draw the different cartographical diagrams to represents the geographical data.
  - 2) Survey the geographical region and calculate the area through Plane Table Survey by Open Traverse method.
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## **Unit-I : Two Dimensional Diagrams**

- i) Wheel Diagram
- ii) Circle Diagram
- iii) Square Diagram

## **Unit-II : Three Dimensional Diagrams**

- i) Cube Diagram.
- ii) Sphere Diagram
- iii) Block Piles

## **Unit-III : Distributional Maps**

- i) Dot Map.
- ii) Choropleth Map
- iii) Flow Line Map

## **Unit-IV: Surveying**

**Plane Table Survey- Open Traverse**



**Reference Books:**

1. Mishra R.P. & Ramesh A. Fundamentals of cartography. McMillan Co.H.D.1986.
2. Singh R.L. Elements of Practical Geography, Kalyani Publication, H.D.
3. Sarkar, A.K. Practical Geography A Systematic Approach orient Longman, Calcatta, 1997.
4. Monkhouse, F.J. & Wilkinson, H.R.: Maps & Diagrams London, 1994.
5. शर्मा जे.पी .: प्रायोगीक भूगोल, रस्तोगी एण्ड कं मेरठ.
6. अर्जुन कुंभार : प्रात्यक्षिक भूगोल, सुमेरू प्रकाशन ठाणे.
7. डॉ. नागतोडे/ डॉ. लांजेवार : नकाशास्त्र व प्रात्यक्षिक भूगोलशास्त्र, पिंपळापूरे प्रकाशन, नागपूर.