Rajarshi Sahu Mahavidyalaya, Latur

(Autonomous)

Syllabus

Geography

B.A. Second Year

Revised

(Semester Pattern)

(CBCS)

w.e.f. June, 2019

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B.A. I, II and III year

Semester Pattern

Curriculum in Geog

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 (Pra.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 (Pra.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 (Pra.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 (Pra.15)	50	02
B.A. Third Year	V	U-GEO-519	Environmental Geography	50	50	02
		U-GEO-520	Geography of India: Part-I	50	50	02
		U-GEO-521	Practical Geography	90 (Pra.30)	50	02
	VI	U-GEO-619	Geography of Resources	50	50	02
		U-GEO-620	Geography of India: Part-II	50	50	02
		U-GEO-621	Practical Geography	90 (Pra.30)	50	02

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(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 (Pra.-01) Per Batch	45 (Pra. -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 (Pra.-01) Per Batch	45 (Pra. -15) Per Batch	20	30	50

Note:

1. Internal marks : 20 Marks

   Internal Marks will be as fallow

   i) One Test of 60 Marks Converted into : 15 Marks

   ii) Attendance : 05 Marks

2. Semester end exam : 30 Marks
3. Strength of the Students for each practical batch shall not be more than twenty.
4. Strength of the students for each practical batch for B.A.III year shall not be more than sixteen.
5. 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

(CBCS Pattern)

Course Title : **Principles of Climatology**

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

Paper No.: V

Max. Marks : 50 **Credits :02** **Total Lectures : 50**

Learning Objectives:

1) To Make Student aware about weather and climate phenomena.
2) To improve understanding regarding Climatic issues.

Course Outcomes:

1) Students are familiar with weather phenomena, dynamics of global animas and generation of climatic information and their application.

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 Wind

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) Miller, A.A.: Climatology.
5) ›üÖò. ¿Öê™êü ‹ÃÖ. ™üß. Æü¾ÖÖ´ÖÖ-Ö¿ÖÖÃ¡Ö ¾Ö ÃÖÖ· Ö¸ü×¾Ö–ÖÖ-Ö,

   †×³Ö·ÖßŸÖ ¯ÖÛ²»Ö□êú¿Ö-Ö, »ÖÖŸÖæ¸ü.

6) · úÖê»ÖŸÖê , □êú. ™üß . ¯Öã¸Ö□Öß□ú, ‹´Ö. ·Öß. □ãú²Ö›êü ÃÖã´ÖŸÖß:

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7) ‘ÖÖ¸ü¯Öã¸êü ×¾ÖšüšËü»Ö- Æü¾ÖÖ´ÖÖ-Ö¿ÖÖÃ¡Ö , Ø¯Ö¯ÖôûÖ¯Öã¸êü †Ñ›ü · Óú.

   ¯Ö²»Öß¿ÖÃÖÔ, -ÖÖ· Ö¯Öæ¸ü.

8) Strahler, A.N. and Strahler, A.H.Modern Physical Geography, John Wiley and Sons, London.

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B.A.II yr (Semester-III)

Geography

(CBCS Pattern)

Course Title : **Physical Geography of Maharashtra**

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

Paper No.: VI

Max. Marks : 50 **Credits :02** **Total Lectures : 50**

Learning Objectives:

Objectives:

1) The students should learn the regional Geographical aspects.
2) The students aware about integrated & empiral profile of Maharashtra

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Unit-I: Maharashtra: Location and Extend

i) Location, Size and Boundaries.
ii) Location of Maharashtra in India.
iii) Administrative Divisions.
iv) Regional Divisions.

Unit-II: Physical Divisions of Maharashtra

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

Unit-III: Climate and Drainage

i) Nature of Climate in Maharashtra.
ii) Seasons in Maharashtra.
iii) Divisions of Rivers According to their directions and Water Divide.
iv) River Basins in Maharashtra.

Unit-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. Shethe & Co. Educational Publisher, Bombay.
2) b÷Éì. ºÉÖ¦ÉÉ¹ÉSÉÆpù ºÉÉ®ÆúMÉ : ¨É½þÉ®úÉ¹]ÅõÉSÉÉ ¦ÉÚMÉÉä±É, Ê´ÉtÉ |ÉEòÉ¶ÉxÉ, xÉÉMÉ{ÉÚ®ú.
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4) b÷Éì. |ÉEòÉ¶É ºÉÉ´ÉÆiÉ : ¨É½þÉ®úÉ¹]ÅõÉSÉÉ ¦ÉÚMÉÉä±É, ¡òb÷Eäò |ÉEòÉ¶ÉxÉ, EòÉä±½þÉ{ÉÚ®ú.
5) |ÉÉ. B.¤ÉÒ. ºÉ´ÉnùÒ : ¨É½þÉ®úÉ¹]Åõ ÊxÉ®úÉ±ÉÒ |ÉEòÉ¶ÉxÉ, {ÉÖhÉä.
6) b÷Éì. Ê´Éaö±É PÉÉ®úÉ{ÉÚ®äú : ¨É½þÉ®úÉ¹]ÅõÉSÉÉ ¦ÉÚMÉÉä±É.
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Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B.A.II yr (Semester-III)

Geography

(CBCS Pattern)

Course Title : **Practical Geography**

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

Paper No.: III

Max. Marks : 50 **Credits :02** **Practical : 15**

Learning Objectives:

1) To make students aware about different climatic graphs and diagrams.
2) To make student aware about climatic conditions through weather instruments and daily weather maps.

Course Outcomes:

1) Students can draw climatic graphs and diagrams.
2) They can handle the weather instruments, and can interpret daily weather maps.

Unit-I : Use of Line & Bar Graph for Representing Geographical Data

i)Line Graph- Simple & Multiple.

ii)Bar Graph- Simple & Multiple

Unit-II : Climatic Graphs and Diagrams

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

Unit-III : 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-IV : Study of Indian Daily Weather Reports

a) Weather Signs & Symbols.
b) Interpretation of Indian Daily Weather Reports. One Each from Winter, Summer & Rainy Season.

Unit-V: Field Visit and Preparation of Report

Reference Books :

1) Mishra R.P. & Ramesh A. Fundamentels of cartography. Mc.Millan 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) Monk house ,F.J. & Wilkinson, H.R.: Maps & Diagrams London, 1994.
5) ¿Ö´ÖÖÔ ·Öê.¯Öß . ¯ÖÏÖµÖÖê· Öß· ú ³Öæ· ÖÖê»Ö.
6) †·ÖãÔ-Ö ãÓú³ÖÖ¸ü: ¯ÖÏÖŸµÖ×ÖÖú ³Öæ ÖÖê»Ö.
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Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B.A.II yr (Semester-IV)

Geography

(CBCS Pattern)

Course Title : **Principles of Oceanography**

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

Paper No.: VII

Max. Marks : 50 **Credits :02** **Total Lectures : 50**

Learning Objectives:

1) The component of oceanography similarly deals with the coastal processes and described the vast and diversified resources the oceans hold.

Course Outcomes:

1) Students effectively understand the basic concepts, processes, and analytic tools in oceanography. Students expose to a diversity of resources in ocean.

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. ›üÖò.¿ÖÓ□ú¸ü¸üÖ¾Ö ¿Öê™êü:Æü¾ÖÖ´ÖÖ-Ö¿ÖÖÃ¡Ö ¾Ö ÃÖÖ□Ö¸ü×¾Ö–ÖÖ-Ö,†×³Ö×·ÖŸÖ ¯ÖÛ²»Ö□êú¿Ö-Ö,»ÖÖŸÖæ¸ü
7. · úÖê»ÖŸÖê,³ÖÖêµÖ¸ü,¯Öã¸üÖ×□Ö□ú,□ãú²Ö›êü: Æü¾ÖÖ´ÖÖ-Ö¿ÖÖÃ¡Ö ¾Ö ÃÖÖ□Ö¸ü×¾Ö– ÖÖ-Ö,×¾ÖªÖ ¯ÖÏ· úÖ¿Ö-Ö,-ÖÖ· Ö¯Öæ¸ü
8. ›üÖò. ×¾ÖšüšüÖ 'ÖÖ¸ü¯Öã¸êü: ÃÖÖ· Ö¸ü×¾Ö– ÖÖ-Ö,Ø¯Ö¯ÖôûÖ¯Öã¸êü ¯ÖÛ²»Ö· êú¿Ö-Ö,-ÖÖ· Ö¯Öæ¸ü

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B.A.II yr (Semester-IV)

Geography

(CBCS Pattern)

Course Title : **Human Geography of Maharashtra**

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

Paper No.: VIII

Max. Marks : 50 **Credits :02** **Total Lectures : 50**

Objectives:

1) The students should learn the regional Geographical aspects.
2) The students aware about integrated & empiral profile of Maharashtra

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Unit-I:Population

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

Unit-II:Agriculture

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

Unit-III:Industries

i) Industries
ii) Industrial Regions

Unit-IV:Transportation and Communication

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

Reference Books :

8) B. Arunachalam : Maharashtra, A.R. Shethe & Co. Educational Publisher, Bombay.

9) b÷Éì. ºÉÖ¦ÉÉ¹ÉSÉÆpù ºÉÉ®ÆúMÉ : ¨É½þÉ®úÉ¹]ÅõÉSÉÉ ¦ÉÚMÉÉä±É, Ê´ÉtÉ |ÉEòÉ¶ÉxÉ, xÉÉMÉ{ÉÚ®ú.

10) b÷Éì. ºÉÖ®äú¶É ¡Öò±Éä : ¨É½þÉ®úÉ¹]ÅõÉSÉÉ ¦ÉÚMÉÉä±É, Ê´ÉtÉ ¤ÉÖCºÉ {ÉÎ¤±É¶ÉºÉÇ, +Éè®ÆúMÉÉ¤ÉÉnù.

11) b÷Éì. |ÉEòÉ¶É ºÉÉ´ÉÆiÉ : ¨É½þÉ®úÉ¹]ÅõÉSÉÉ ¦ÉÚMÉÉä±É, ¡òb÷Eäò |ÉEòÉ¶ÉxÉ, EòÉä±½þÉ{ÉÚ®ú.

12) |ÉÉ. B.¤ÉÒ. ºÉ´ÉnùÒ : ¨É½þÉ®úÉ¹]Åõ ÊxÉ®úÉ±ÉÒ |ÉEòÉ¶ÉxÉ, {ÉÖhÉä.

13) b÷Éì. Ê´Éaö±É PÉÉ®úÉ{ÉÚ®äú : ¨É½þÉ®úÉ¹]ÅõÉSÉÉ ¦ÉÚMÉÉä±É.

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Rajarshi Shahu Mahavidyalaya, Latur

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B.A.II yr (Semester-IV)

Geography

(CBCS Pattern)

Course Title : **Practical Geography**

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

Paper No.: IV

Max. Marks : 50 **Credits :02** **Practices : 15**

Learning Objectives:

1) To understand the different cartographical methods.
2) To study the two and three dimensional diagrams for representation of economic data.

Course Outcomes:

1) Students understand the different cartographical methods.
2) They aware about the representation of attribute data through two and three dimensional diagrams.

Unit-I : Two Dimensional Located Diagrams

1) Wheel Diagram
2) Circle Diagram
3) Square Diagram

Unit-II : Three Dimensional Located 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. Fundamentels of cartography. Mc.Millan 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. Monk house ,F.J. & Wilkinson, H.R.: Maps & Diagrams London, 1994.
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8. †×ÆÜ¸ü¸üÖ¾Ö ›üß.¾ÖÖµÖ ¾Ö úÖ¸Óü•Ö¸ü¾Öê»Öê ‡.êú.: ¯ÖÏÖŸµÖ× ÖúÖ ³Öæ• ÖÖê»Ö.