

**Shiv Chhatrapati Shikshan Sanstha's**  
**Rajarshi Shahu Mahavidyalaya, Latur**  
**(Autonomous)**



**Postgraduate Programme of Humanities and Social Sciences**  
**M.A. in Geography**

**Board of Studies in Geography**

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

**w.e.f. June, 2024**  
**(In accordance with NEP-2020)**

**Academic Year: 2024-25**

## **Review Statement**

The NEP CELL reviewed the Curriculum of **M.A. in Geography** Programme to be effective from the **Academic Year 2024-25**. It was found that, the structure is as per the NEP-2020 guidelines of Govt. of Maharashtra.

**Date:** 06.08.2024

**Place:** Latur

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

## **CERTIFICATE**

I hereby certify that the documents attached are the Bonafide copies of the curriculum of **M.A. in Geography** Programme to be effective from the academic year 2024-25.

Date: 06.08.2024

Place: Latur

**(Dr. Omprakash V. Shahapurkar)**  
Chairperson  
Board of Studies in Geography  
Rajarshi Shahu Mahavidyalaya, Latur  
(Autonomous)



## **Rajarshi Shahu Mahavidyalaya, Latur**

**(Autonomous)**

### **Members of Board of Studies in the Subject Geography**

#### **Under the Faculty of Humanities and Social Sciences**

<b>Sr. No.</b>	<b>Name</b>	<b>Designation</b>	<b>In position</b>
01.	<b>Dr. Omprakash Shahapurkar</b> Head, Department of Geography Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	Chairperson	HoD
02.	<b>Dr. Sunita Shinde</b> Department of Geography Smt. Sushiladevi Mahila Mahavidyalaya, Latur	Member	V. C. Nominee
03.	<b>Prof. A. Balakishan</b> Department of Geography Osmania University, Hyderabad	Member	Academic Council Nominee
04.	<b>Dr. Sunil Akhare</b> S.G university, Amaravati	Member	Academic Council Nominee
05.	<b>Dr. Jagadish Sapkale</b> Shivaji University, Kolhapur	Member	Expert from outside for Special Course
06.	<b>Mr. Venkatesh Pawar</b> Director, Sahyadri Tour, Latur	Member	Expert from Industries
07.	<b>Mr. Baliram Borade</b> GIS Analyst, Deduce Technology, Bongalore	Member	P.G. Alumnus
08.	<b>Mr. Dattatraya Sonkamble</b>	Member	Faculty Member
09.	<b>Dr. Vijay Dalvi</b>	Member	Faculty Member
10.	<b>Dr. Kishor Shinde</b>	Member	Faculty Member
11.	<b>Dr. Abhijeet Yadav</b>	Member	Member From Same Faculty

## **From the Desk of the Chairperson...**

The BoS is designed to emphasize the teaching learning process at the B.A./M.A. level to Sensitize and train the students to develop a sound and systematic approach regarding mechanism and processes of natural and human activities. The focus is to help the students to understand the latest tools and techniques, which would help in giving focused and precise understanding of Geographical phenomenon. The purpose is to enhance the capability of the students is perceiving, creating and analyzing sound geographical bases and concepts.

This syllabus is designed to emphasize the teaching and learning process at the undergraduate (B.A./M.A.) from teacher centric to student centric by strengthening the quality of teaching and learning in the present day real life scenario of global, regional and local level. It is considered learning as an activity of creativity of innovations and analyzing geographical phenomena. The BoS of Geography prepared the major learning outcomes, which would help the students to understand and critically analyze various dimensions of the geographical issues.

According to The NEP-2020 we have include environment education such as pollution, conservation of biological diversity, management of biological resource and biodiversity. Forest and wildlife conservation and sustainable development etc.

As the chairman board of studies in Geography, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur happy to state here that the programme Specific Outcomes have been finalized in the meeting of all the members board of studies.

The following objectives would be achieved:

1. To orient the students towards identification and analysis of various facts of geographical features and processes.
2. To develop students aptitude for acquiring basic skills of carrying out field work.
3. To facilitate the students to learn skills of map making.
4. To guide students to learn the science and art of collecting, processing and interpreting the data.
5. To expose the students to the use of the updated technologies of remote sensing, Geographical Information System (GIS)

As the chairman of the Board of Studies, I strongly believe that, the framed syllabus will definitely meet the need of the students at present.

**(Dr. Omprakash V. Shahapurkar)**

**Chairperson**

Board of Studies in Geography



Shiv Chhatrapati Shikshan Sanstha's  
**Rajarshi Shahu Mahavidyalaya, Latur**

(Autonomous)

**Index**

Sr. No.	Content	Page No.
1.	Structure for Four Year Multidisciplinary	1
2.	Abbreviations	2
3.	Courses and Credits	3
4.	PG Program Outcomes	4
5.	Programme Specific Outcomes	5
6.	Curriculum:	6
	<b>Semester- III</b>	
	MMC – III : History of Geographical Thought	7
	MMC – IV : Geography of Regional Planning	9
	LC– III : Lab Course -III	11
	MEC– II (A) : Agricultural Geography OR MEC-II (B)	13
	<b>Semester-IV</b>	15
	MMC – V : Population Geography	16
	MMC – VI : Biogeography	18
	LC – IV : Lab Course -IV	20
	MEC- III (A) Social and Cultural Geography OR MEC-III (B)	21
7.	Extra Credits Activities	23
8.	Examination Framework	25
9.	Semester End Examination Paper Pattern	26



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

Department of Geography

PG Skeleton in Accordance with NEP-2020

**Illustrative Credit Distribution Structure for Two Years M.A. Degree**

Year Level	Sem	Major		RM	OJT/FP	RP	Cum.Cr	Marks	Degree
		Mandatory	Elective						
I 6.0	I	Major I 4Cr	MEC-I (A) OR MEC-I (B) 4Cr	RMC 4 Cr	NA	NA	20 Cr	Theory: 01 Cr. = 25 M. LC 01 Cr. = 50 M.	PG Diploma (After 03 Year B.A. Degree)
		Major II 4Cr							
		LC-I 4Cr							
	II	Major III 4Cr	MEC-II (A) OR MEC-II (B) 4Cr	NA	FP-I 4Cr	NA	20 Cr	OJT/FP: 1Cr = 25M	
		Major IV 4Cr							
		LC-II 4Cr							
		Total	Major 24Cr	MEC 04Cr	RMC 04 Cr	OJT/ FP 04 Cr	NA	40Cr	
II 6.5	III	Major V 4Cr	MEC-III (A) OR MEC-III (B) 4Cr	NA	NA	RP-I 4 Cr	20 Cr	RP-I & RP-II: 1Cr = 25M	PG Degree (After 03 Year UG Degree)
		Major VI 4Cr							
		LC-III 4Cr							
	IV	Major VII 4Cr	MEC-VI (A) OR MEC-VI (B) 4Cr	NA	NA	RP-II 6 Cr	22 Cr		
		Major VIII 4Cr							
		LC-VI 4Cr							
	Major I 4Cr								
	Total	Major 24 Cr	MEC 08 Cr	NA	NA	RP 10 Cr	42 Cr		
Cum.Total of I & II Year		Major 48 Cr	MEC 16 Cr	RMC 04 Cr	OJT/ FP 04 Cr	RP 10 Cr	40+42 =82 Cr		82 Credits

### **Abbreviations:**

1. MEC : Major Elective Course
2. RMC : Research Methodology Course
3. OJT : On Job Training (Internship/Apprenticeship)
4. FP : Field Project
5. RP : Research Project
6. Cum.Cr : Cumulative Credit



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 Faculty of Humanities  
 Department of Geography  
 M.A. in Geography

Year & Level	Semester	Course Code	Course Title	Credits	No. of Hrs.
6.5	III	MMC-V	History of Geographical Thought	4 Cr	60
		MMC-VI	Geography of Regional Planning	4 Cr	60
		LC-III	Lab Course -III	4Cr	60
		MEC-III	Agricultural Geography	4 Cr	60
		RP	Research Project	4 Cr	60
	Total Credits			20	
	IV	MMC-VII	Population Geography	4 Cr	60
		MMC-VIII	Biogeography	4 Cr	60
		LC-IV	Lab Course -IV	4 Cr	60
		MEC-VI	Social and Cultural Geography	4Cr	60
		RP	Research Project	4 Cr	
	Total Credits			20	
Total Credits (Semester III & IV)				40	



## Rajarshi Shahu Mahavidyalaya, Latur

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Faculty of Humanities and Social Sciences

Programme Outcomes (POs) for M.A. Programme	
PO 1	<b>Disciplinary Masters Knowledge</b> All-inclusive in depth knowledge in the field of social sciences, literature and humanities which make them sensitive and sensible enough to solve the issues related with mankind.
PO 2	<b>Social Competence</b> Social competence to develop interpersonal relationship in both personal and Professional life. Effective use of communication skills to demonstrate subject knowledge and multicultural sensitivity in large groups.
PO 3	<b>Self-Directed Life-long Learning</b> Ability to prepare for NET, SET and other competitive examinations or choose other related programmes or research programme of their choice.
PO 4	<b>Ethical and Social Skills</b> Ability to think and work with ethical values in social, economic, historical, geographical, political, ideological and philosophical tradition and thinking, framing the base to deal with people and various challenges in life with courage and humanity.
PO 5	<b>Problem Solving Ability</b> Problem solving and Analytical skills to think and act over for the solution of various issues prevailed in the human life to make this world better than ever.
PO 6	<b>Research and Related Skills</b> Technical know-how about research including enquiry, collection, classification and tabulation of data and analysis and interpretation of data using various statistical tools and techniques.
PO 7	



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**Programme Specific Outcomes (PSOs) for M.A. in Geography  
(Honors/Research)**

<b>PSO No.</b>	Upon completion of this programme the students will be able to
<b>PSO 1</b>	This specific programme will be helpful to the student for extract the knowledge of geographical aspects at local, regional, national and global level. e.g. topography, climate oceanic activities etc.
<b>PSO 2</b>	The students will understand how to the study of geographical elements around us.
<b>PSO 3</b>	Apply the Geographical Information Technology for Sustainable Development of the Nation.
<b>PSO 4</b>	The students will become competent to face various competitive examinations and build their career.
<b>PSO 5</b>	The students will have an advanced level understanding.
<b>PSO 6</b>	Enlarge their professional foundations through activities such as teaching, internships, and fellowships
<b>PSO 7</b>	Communicate scientific results in writing and in oral presentation.
<b>PSO 8</b>	Acquire the basic tools needed to carry out independent research.

# Semester - III



**Rajarshi Shahu Mahavidyalaya, Latur**  
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**Department of Geography**

**Course Type** : MMC-V

**Course Title** : History of Geographical Thought

**Course Code** : 602GEO3101

**Credits** : 05

**Max.Marks: 100**

**Hours: 60**

**Learning Objectives:**

LO1 To introduce the students the philosophical foundation of the subject.

LO2 To familiarize the students about place of Geography in the world of knowledge.

LO3 To familiarize the students with the major landmarks in the development of geographical thought at different period of time.

**Course Outcomes:**

After completion of course the student will be able to

CO1 Understand the philosophical foundation of Geography.

CO2 Know the place of geography in the world of knowledge

CO3 Understand the development of geographical thought in different period of time.

Unit No.	Title of Unit & Contents	Hrs.
<b>I</b>	<b>Brief History of Geographical Thought</b>	
	i) Contribution of Ancient Greek and Roman Geographers ii) Contribution of Ancient Indian Geographers iii) Contribution of Arab Geographers	
	<b>Unit Outcomes:</b> UO1.	
<b>II</b>	<b>Founders of Modern Geography</b>	
	i) Alexander Von Humboldt ii) Carl Ritter	
	<b>Unit Outcomes:</b> UO 1.	
<b>III</b>	<b>German and French Schools of Geography</b>	
	i) The German School of Geography- Friedrich Ratzel ii) The French School of Geography – Vidal – de-la- Blache	
	<b>Unit Outcomes:</b> UO 1.	
<b>IV</b>	<b>British and American Schools of Geography</b>	
	i) The British School of Geography- Halford J. Mackinder	

Unit No.	Title of Unit & Contents	Hrs.
	ii) The American school of Geography – Ellen Churchill Semple.	
	<b>Unit Outcomes:</b> UO 1.	

### Learning Resources:

- 1) Ali S.M.: The Geography of Puranas, Peoples Publishing House, Delhi, 1966.
  - 2) Amedeo, Douglas: An Introduction to Scientific Reasoning in Geography, John Wiley, U.S.A. 1971.
  - 3) Dikshit, R.D.(ed): The Art & Science of Geography integrated Readings, Prentice Hall of India, New Delhi, 1994.
  - 4) Hartshorne, R.: Perspectives on Nature of Geography Rand McNally & co., 1959
  - 5) Husain M.: Evolution of Geographic Thought, Rawat Pub, Jaipur. 1984.
- Johnston R.J.: The Future of Geography, Methuen, 1988.



## Rajarshi Shahu Mahavidyalaya, Latur

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### Department of Geography

**Course Type** : MMC-VI

**Course Title** : Geography of Regional Planning

**Course Code** : 602GEO3102

**Credits** : 05

**Max.Marks: 100**

**Hours: 60**

#### Learning Objectives:

LO1 To evaluate the concept of region in geography and its role and relevance in regional planning. LO2 To aware the issues relating to the development of region and regional disparities.

#### Course Outcomes:

After completion of course the student will be able to

CO1 Understand the concept of region & regional planning and it's role in regional development.

CO2 Identify the issues in regional development & disparities in regional development.

Unit No.	Title of Unit & Contents	Hrs.
<b>I</b>	<b>Introduction to Regional Planning</b>	
	i) Meaning & Objectives of Regional Planning. ii) Concept of Region and Regionalism. iii) Types of Region in the Context of Planning. iv) Methods of Regional Delineation.	
	<b>Unit Outcomes:</b> UO 1.	
<b>II</b>	<b>Types of Planning</b>	
	i) Short Term Planning and Long Term Planning. ii) Physical and Economic Planning. iii) Single Level and Multi Level Planning. iv) Development and Imperative Planning.	
	<b>Unit Outcomes:</b> UO 1.	
<b>III</b>	<b>Growth and Development</b>	
	i) Concept of Growth and Development. ii) Indicators of development. iii) Regional imbalances in India- Agricultural & Industrial.	
	<b>Unit Outcomes:</b> UO 1.	

Unit No.	Title of Unit & Contents	Hrs.
IV	<b>Models of Economic Growth</b>	
	i) Restow's Model of Stages in Historical Growth. ii) Myrdal's Concept of Internal Growth. iii) Growth Pole.	
	<b>Unit Outcomes:</b> UO 1.	

### Learning Resources:

- 1) Abler, R., al: Spatial Organization: The geographer's view of the world, Prentice Hall, Englewood Cliffs, N.J. 1971.
- 2) Bhat, L.S: Regional Planning in India, Statistical Publishing Society, Calcutta, 1973.
- 3) Bhat, L.S. et al: Micro- Level Planning, A Case study of Karnal Area, Haryana, K.B. Publication New Delhi, 1976.]
- 4) Chorley, R.J. and Haggett, P.: Models in Geography, Methuen, London, 1967.
- 5) Christaller, W.: Central Places in Southern Germany, Translated by C.W. Baskin. Prentice Hall, Englewood Cliffs, New Jersey, 1966.
- 6) Friedmann, J and Alonso, W.: Regional Development Policy-A case study of Venezuela. M.I.T. Press Cambridge, Mass, 1967.
- 7) Friedmann, J. and Alonso, W.: Regional Development and planning-A Reader, M.I.T. Press, Cambridge, Mass. 1967.
- 8) Glikson, Arthur: Regional Planning and Development, Netherlands Universities foundation for international Co- operation, London, 1955.



## Rajarshi Shahu Mahavidyalaya, Latur

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### Department of Geography

**Course Type** : LC-III

**Course Title** : Lab Course-III

**Course Code** : 602GEO3103

**Credits** : 05

**Max. Marks: 100**

**Hours: 60**

#### Learning Objectives:

LO1 To introduce some basic research method to the students to be applied to various themes in Human Geography.

LO2 To give the skill of assumptions and interpretation of these methods and analyze the data.

#### Course Outcomes:

After completion of course the student will be able to

CO1 Apply the various indices to analyze the human aspects.

CO2 Interpret the result.

Unit No.	Title of Unit & Contents	Hrs.
<b>I</b>	<b>Introduction</b>	
	<b>A) Density of Population.</b> i) Arithmetic Density. ii) Economic Density. iii) Nutritional Density. iv) Caloric Density. <b>B) Measures of Fertility and Mortality.</b> i) Crude Birth rate. ii) General Fertility Rate. iii) Standard Mortality Rate. iv) Child- Woman Ratio. <b>C) Population Projection.</b>	
	<b>Unit Outcomes:</b> UO 1.	
<b>II</b>	<b>Practical in Settlement Geography</b>	
	<b>A) Rural Settlements.</b> i) Dispersion index of rural Settlements- Bernhard's Method, Demangaon's Method & Debouverie's Method. ii) Nearest Neighbour Method. <b>B) Urban Settlements.</b>	

	i) Growth of Urban Population. ii) Degree of Urbanization. iii) Functional Classification of Urban Centres by Nelson. iv) Centrality Index by Walter Christaller. v) Rank Size Rule.	
	<b>Unit Outcomes:</b> UO 1.	
<b>III</b>	<b>Practical in Agricultural Geography.</b>	
	i) Crop Combination by Weaver's and Thomas' Method. ii) Crop Concentration by Bhatia's Methods iii) Crop Diversification by Bhatia's Method. iv) Measurement of Agriculture Efficiency by Kendall's and Jasbirsing's Method.	
	<b>Unit Outcomes:</b> UO 1.	

### Learning Resources:

1. The World Oceans –An introduction to Oceanography : Anikouchine, W.A. and Sternberg, R.W., Englewood Cliffs, N.J. 1973.
2. General Oceanography – An Introduction : Grald, S., John Wiley and Sons, New York, 1980.
3. Oceanography : Garrison, T., Wadsworth.com, USA 1998.
4. Beaches and Coasts : King, C.A.M., E. Arnold, London, 1972.
5. Oceanography for Geographers : King, C.A.M. ,E. Arnold, London, 1975.



## Rajarshi Shahu Mahavidyalaya, Latur

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### Department of Geography

**Course Type** : MEC-III

**Course Title** : Agricultural Geography

**Course Code** : 602GEO3201

**Credits** : 05

**Max. Marks: 100**

**Hours: 60**

#### Learning Objectives:

LO1 To aware about the agricultural patterns.

LO2 To acquire the concept of land capability and land suitability.

LO3 To understand the cropping pattern, crop diversification, crop concentration and Crop Combination.

#### Course Outcomes:

After completion of course the student will be able to

CO1 Understand the concept of land capability and land suitability.

CO2 Identify the agriculture regions based on various methods.

Unit No.	Title of Unit & Contents	Hrs.
<b>I</b>	<b>Introduction of Agricultural Geography.</b>	
	i) Definition, Nature and Scope. ii) Relationship with Other Sciences. iii) Importance of the Study of agricultural geography.	
	<b>Unit Outcomes:</b> UO1.	
<b>II</b>	<b>Land use, Land Capability and Land Suitability</b>	
	i) Meaning, Need, Objectives and Approaches of Land use Study. ii) Land Capability iii) Land Suitability	
	<b>Unit Outcomes:</b> UO 1.	
<b>III</b>	<b>Methods of Agricultural Regionalization.</b>	
	i) Cropping Patterns. ii) Crop Concentration. iii) Crop Diversification. iv) Crop Combination.	
	<b>Unit Outcomes:</b> UO 1.	
<b>IV</b>	<b>Models in Agricultural Geography.</b>	

	i) VonThunen's Model of Agricultural Land use. ii) Decision Making Model or Behavioral Model.	
	<b>Unit Outcomes:</b> UO 1.	

### **Learning Resources:**

- 1) Bayliss Smith, T.P.: The Ecology of Agricultural Systems. Cambridge University Press, London.1987.
- 2) Berry, B.J.L.et.Al: The Geography of Economic Systems. Prentice Hall, New York. 1976.
- 3) Brown, L.R.: The Changing world Food Prospects- The Nineties and Beyond. World Watch Institute, Washington D.C.1990.
- 4) Dyson,T.: Population and Food- Global Trends and Future Prospects, Routledge, London,1996.
- 5) Gregor,H.P.: Geography of Agriculture. Prentice Hall, New York, 1970.
- 6) Grigg, D.B.: The Agricultural Systems of the World, Cambridge University Press, New York.1974.
- 7) Phule S.J.: KrushiBhugol,VidhyaBharti Prakashan,Latur,2000.

# Semester - IV



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

**Department of Geography**

**Course Type** : MMC- VII

**Course Title** : Population Geography

**Course Code** : 602GEO4101

**Credits** : 05

**Max.Marks:100**

**Hours:60**

**Learning Objectives:**

LO1 To introduce the students to the complex dimensions of population.

LO2 To evaluate the association between demographic and Socio- economic development.

LO3 To aware about the role and relationship between population and environment over space-time.

**Course Outcomes:**

After completion of course the student will be able to

CO1 Understand the spatial and structural dimensions of population.

CO2 Identify the emerging issues, such as population growth, birth rate, Death Rate, Sex Ratio.

CO3 Know the global and regional level problems such as over population, literacy rate, migration etc.

Unit No.	Title of Unit & Contents	Hrs.
<b>I</b>	<b>Introduction of Population Geography</b>	
	i) Definition, Nature and Scope of Population Geography. ii) Relationship of Population Geography with Other Social Sciences. iii) Importance of the Study of Population Geography.	
	<b>Unit Outcomes:</b> UO 1.	
<b>II</b>	<b>Measurement of Population Growth</b>	
	i) Fertility ii) Mortality iii) Migration	
	<b>Unit Outcomes:</b> UO 1.	
<b>III</b>	<b>Theories of Population Growth</b>	
	i) Malthusian theory of Population. ii) Demographic Transition Theory. iii) Optimum Population Theory.	
	<b>Unit Outcomes:</b> UO 1.	
<b>IV</b>	<b>Population Problems and Policies</b>	
	i) Problems in Developed and Developing Countries. ii) Need and Objectives of Population Policies. iii) Population Policy in India.	
	<b>Unit Outcomes:</b> UO 1.	

### **Learning Resources:**

1. Bilashborrow, Richard E and Daniel Hogan: Population and Deforestation in the Humid Tropics. International Union for the scientific study of population, Belgium,1999.
2. Bogue, D.J.: Principles in Demography, John Wiley, New York.1969.
3. Bose, Ashish et.al. Population in India's Development (1947-2000); Vikas Publishing House, New Delhi, 1974.
4. Clarke John I.: Population Geography, Pergamon press. Oxford, 1973.
5. Garnier, B.J.: Geography of Population Longman, London, 1970.
6. UNDP: Human Development Report. Oxford University Press, Oxford 2000.
7. Crook, Nigel: Principles of Population and Development. Pergmon press New York, 1997.



**Rajarshi Shahu Mahavidyalaya, Latur**  
**(Autonomous)**  
**Department of Geography**

**Course Type :** MMC- VIII  
**Course Title :** Biogeography  
**Course Code :** 602GEO4102  
**Credits :** 04

**Max. Marks. 100**

**Lectures: Hrs. 60**

**Learning Objectives:**

- LO1 To introduce the concept of Biogeography, Biosphere and Biospheric cycles.  
LO2 To familiarize the plant and animal life on the earth.  
LO3 To make aware about biodiversity and its significance.

**Course Outcomes:**

After completion of course the student will be able to

- CO1 Describe the concept of Biogeography, Biosphere and Biospheric cycles.  
CO2 Identify the factors affecting on plants and animals and classify the plants and animals according to various basis.  
CO3 Knows the various methods of conservation of Biodiversity.

Unit No.	Title of Unit & Contents	Hrs.
<b>I</b>	<b>Introduction to Biogeography</b>	
	i) Nature, Scope, and Significance of Biogeography. ii) Biosphere - it's Nature & Animate life iii) Biospheric cycles <b>Unit Outcomes:</b> UO 1.	
<b>II</b>	<b>Plants</b>	
	i) Influence of Physical Factors on Plants ii) Classification of Plants-Taxonomic, Ecological and Geographical iii) Distribution of Forest <b>Unit Outcomes:</b> UO 1. Know the Process of Urbanization.	
<b>III</b>	<b>Animals</b>	
	i) Factors Affecting on Animals ii) Classification of Animal iii) Distribution of Major Animal groupings in the world. <b>Unit Outcomes:</b> UO 1.	
<b>IV</b>	<b>Biodiversity</b>	
	i) Meaning and Nature of Biodiversity. ii) Depletion of Biodiversity-Natural and Man Induced Causes. iii) Conservation of Biodiversity.	

	<b>Unit Outcomes:</b> UO 1.	
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**Learning Resources:**

1. Agarwal,D.P.: Man and Environment in India Through Ages, 1962.
2. Bradshaw, M.J.: Earth and living Planet ELBS.London, 1979.
3. Cox,C.D. and Moore, P.D.: Biogeography, An Ecological and Evolutionary approach 5<sup>th</sup> end. Blackwell, 1999.
4. Gaur,R.: Environment and Ecology of Early man in Northern India R.B. Publication Corporation, 1987.
5. Hoyt.J.B.: Man and the Earth, Prentice Hall, U.S.A.1992.
6. Huggett.R.J.: Fundamentals of Biogeography. Routledge, U.S.A.1998.
7. Mathur H. S. Essentials of Biogeography, Pointer Publishers, Jaipur.



## Rajarshi Shahu Mahavidyalaya, Latur

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### Department of Geography

**Course Type** : LC- IV

**Course Title** : Lab Course-IV

**Course Code** : 602GEO4103

**Credits** : 05

**Max. Marks: 100**

**Hours: 60**

#### Learning Objectives:

LO1 To introduce the recent techniques of RS and GIS.

LO2 To give the skill of interpretation of aerial photographs.

#### Outcomes:

After completion of course the student will be able to

CO1 Understand the techniques of RS and GIS.

CO2 Interpret the aerial photographs.

CO3 Prepare the excursion and village survey report.

Unit No.	Title of Unit & Contents	Hrs.
I	<b>Introduction to RS, GIS and Aerial Photographs</b>	
	<b>i) Remote Sensing.</b> A) Meaning and application of remote sensing. B) Fundamentals of remote sensing.	
	<b>ii) Aerial photography.</b> A) Types of aerial photographs. B) To measure the scale of aerial photo, flying height and terrain height. C) Introduction of Geographical Information System (GIS)	
	<b>Unit Outcomes:</b> UO 1.	
II	<b>Excursion Report</b>	
III	<b>Village Survey</b>	
IV	<b>Journal and Viva-Voce.</b>	

#### Learning Resources:

1. Aronoff S. Geographic Information Systems: A Management Perspective, DDL Publication Ottawa 1989.
2. Singh, R.L. and Dutt, P.K. : Elements of Practical Geography, Kalllyani Publishers, New Delhi. 1979.
3. Sharma, J.P. :PrayogikBhoogol, Rastogi Publication, Merath.



## Rajarshi Shahu Mahavidyalaya, Latur

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### Department of Geography

**Course Type** : MEC-IV

**Course Title** : Social and Cultural Geography

**Course Code** : 602GEO4201

**Credits** : 05

**Max.Marks:100**

**Hours: 120**

#### **Learning Objectives:**

LO1 The students familiarize about concept of society and culture.

LO2 The students aware about the social differentiation and region formation.

LO3 To understand cultural regions, cultural diffusion and cultural regions in the world

LO4 The students aware about social justice and social development.

#### **Course Outcomes:**

After completion of course the student will be able to

CO1 Understand concept of society and culture.

CO2 Identify the social differentiation and region formation.

CO3 Realize the cultural diffusion and world cultural realms.

CO4 Understand the social justice, social development and wellbeing.

Unit No.	Title of Unit & Contents	Hrs.
<b>I</b>	<b>Introduction</b>	
	i) Society and culture as essential elements of Geographical study. ii) Definition, nature, scope and significance of social and cultural geography.	
	<b>Unit Outcomes:</b> UO 1 To	
<b>II</b>	<b>Social differentiation</b>	
	i) Social differentiation and region formation. ii) Role of ethnicity, caste, tribe, language and religion in social diversity and Region formation in India. iii) North – South, Socio-cultural diversity of India.	
	<b>Unit Outcomes:</b> UO 1.	
<b>III</b>	<b>Culture</b>	
	i) Concept of culture, cultural areas & culture regions. ii) Cultural hearths and cultural diffusion. iii) World cultural Realms.	
	<b>Unit Outcomes:</b> UO 1.	
<b>IV</b>	<b>Race</b>	

	i) Concept of race. ii) Griffith Taylor's theory of distribution of races of mankind in the world.. iii) Races of India.	
	<b>Unit Outcomes:</b> UO 1.	
<b>V</b>	<b>Social Justice &amp; Development</b>	
	i) Concept of social justice and fair society. ii) Social development and well being Indicators for measurement. iii) Levels of development and well being in India.	
	<b>Unit Outcomes:</b> UO 1.	

### Learning Resources:

1. Ahmand, Aijazuddin, Social Geography, Rawat Publication, New Delhi, 1999.
2. De Blij. H.D. Human Geography, John Wiley and Sons, New York.
3. Dreze jean, Amartyasea, Economic Development and social opportunity, Oxford University Press, New Delhi, 1996.
4. Dubey S.C.: Indian Society, National book trust, New Delhi, 1991.
5. Gregory, D and J. Larry, (eds.) Social relations and spatial structures, McMillan, 1985.
6. Haq. Mahbulul: Reflections on Human Development, Oxford University press, New Delhi.
7. Maloney, Clarence: People of South Asia, Winston, New York, 1974.
8. Planning Commission, Government of India, Report on development of Tribal areas, 1981.
9. Rao. M.A.S.: Urban Sociology in India, Orient Longman, 1970.



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PG First Year**

**Extra Credit Activities**

Sr. No.	Course Title	Credits	Hours T/P
1	MOOCs	Min. of 02 credits	Min. of 30 Hrs.
2	Certificate Courses	Min. of 02 credits	Min. of 30 Hrs.
3	IIT Spoken Tutorial Courses	Min. of 02 credits	Min. of 30 Hrs.

**Guidelines:**

**Extra -academic activities**

1. All extra credits claimed under this heading will require sufficient academic input/contribution from the students concerned.
2. Maximum 04 extra credits in each academic year will be allotted.
3. These extra academic activity credits will not be considered for calculation of SGPA/CGPA but will be indicated on the grade card.

**Additional Credits for Online Courses:**

1. Courses only from SWAYAM and NPTEL platform are eligible for claiming credits.
2. Students should get the consent from the concerned subject Teacher/Mentor/Vice Principal and Principal prior to starting of the course.
3. Students who complete such online courses for additional credits will be examined/verified by the concerned mentor/internal faculty member before awarding credits.
4. Credit allotted to the course by SWAYAM and NPTEL platform will be considered as it is.

**Additional Credits for Other Academic Activities:**

1. One credit for presentation and publication of paper in International/National/State level seminars/workshops.
2. One credit for measurable research work undertaken and field trips amounting to 30 hours of recorded work.
3. One credit for creating models in sponsored exhibitions/other exhibits, which are approved by the concerned department.
4. One credit for any voluntary social service/Nation building exercise which is in collaboration with the outreach center, equivalent to 30 hours
5. All these credits must be approved by the College Committee.

### **Additional Credits for Certificate Courses:**

1. Students can get additional credits (number of credits will depend on the course duration) from certificate courses offered by the college.
2. The student must successfully complete the course. These credits must be approved by the Course Coordinators.
3. Students who undertake summer projects/ internships/ training in institutions of repute through a national selection process, will get 2 credits for each such activity. This must be done under the supervision of the concerned faculty/mentor.

### **Note:**

1. The respective documents should be submitted within 10 days after completion of Semester End Examination.
2. No credits can be granted for organizing or for serving as office bearers/ volunteers for Inter-Class / Associations / Sports / Social Service activities.
3. The office bearers and volunteers may be given a letter of appreciation by the respective staff coordinators. Besides, no credits can be claimed for any services/activities conducted or attended within the college.
4. All claims for the credits by the students should be made and approved by the mentor in the same academic year of completing the activity.
5. Any grievances of denial/rejection of credits should be addressed to Additional Credits Coordinator in the same academic year.
6. Students having a shortage of additional credits at the end of the third year can meet the Additional Credits Coordinator, who will provide the right advice on the activities that can help them earn credits required for graduation.



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**Examination Framework**

**Theory:**

40% Continuous Assessment Tests (CATs) and 60% Semester End Examination (SEE)

**Practical:**

50% Continuous Assessment Tests (CATs) and 50% Semester End Examination (SEE)

Course	Marks	CAT & Mid Term Theory				CAT Practical		Best Score d CAT & Mid Term	SEE	Total
1	2	3				4		5	6	5+6
		Att .	CAT I	Mid Term	CAT II	Att .	CAT			
Research Methodology	100	10	10	20	10	-	-	40	60	100
DSC/DSE	75	05	10	15	10	-	-	30	45	75
Lab Course	50	-	-	-	-	05	20	-	25	50
Field Project	100	10	10	20	10	-	-	40	60	100

**Note:**

1. All Internal Exams are compulsory
2. Out of 02 CATs best score will be considered
3. Mid Term Exam will be conducted by the Exam Section
4. Mid Term Exam is of Objective nature (MCQ)
5. Semester End Exam is of descriptive in nature (Long & Short Answer)
6. CAT Practical (20 Marks): Lab Journal (Record Book) 10 Marks, Overall Performance 10 Marks.



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**Semester End Examination Paper Pattern**

**Pattern - I**

**Course : Theory**

**Max. Marks : 45**

**Time: 2 Hrs**

**Q.1 Answer the following questions (3 Marks each) 12 Marks**

- a) Based on Unit - I
- b) Based on Unit - II
- c) Based on Unit - III
- d) Based on Unit - IV

**Q.2 Answer any THREE of the following (5 Marks each) 15 Marks**

- a) Based on Unit - I
- b) Based on Unit - II
- c) Based on Unit - III
- d) Based on Unit - IV

**Q.3 Answer any ONE of the following 08 Marks**

- a) Based on Unit - I
- b) Based on Unit - II

**Q.4 Answer any ONE of the following 10 Marks**

- a) Based on Unit - III
- b) Based on Unit - IV



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**Semester End Examination Paper Pattern**

**Pattern - I**

**Course : Theory**

**Max. Marks : 60**

**Time: 2.30 Hrs**

**Q.1 Answer the following questions (4 Marks each) 16 Marks**

- a) Based on Unit - I
- b) Based on Unit - II
- c) Based on Unit - III
- d) Based on Unit - IV

**Q.2 Answer any THREE of the following (6 Marks each) 18 Marks**

- a) Based on Unit - I
- b) Based on Unit - II
- c) Based on Unit - III
- d) Based on Unit - IV

**Q.3 Answer any TWO of the following (8 Marks each) 16 Marks**

(Based on any two Units)

- a)
- b)
- c)

**Q.4 Answer any ONE of the following 10 Marks**

(Based on remaining two Units)

- a)
- b)



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**Semester End Examination Paper Pattern**

**Pattern - I**

**Course : Numerical**

**Max. Marks : 60**

**Time: 2.30 Hrs**

**Q.1 Answer the following questions (4 Marks each)**

**16 Marks**

- a) Based on Unit - I
- b) Based on Unit - II
- c) Based on Unit - III
- d) Based on Unit - IV

**Q.2 Answer any TWO of the following (9 Marks each)**

**18 Marks**

(Based on any two units)

- a)
- b)
- c)

**Q.3 Answer any ONE of the following**

**16 Marks**

(Based on remaining two units)

- a)
- b)
- c)

**Q.4 Answer any ONE of the following**

**10 Marks**

(On any Unit)

- a)
- b)