

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A++' Grade

New Syllabus For

B. A. Part-III & B. A. B. Ed.

Geography

(Evolution of Geographical Thought)

NEP PATTERN

Syllabus to be implemented from

(Subject to the modifications to be made from time to time)

Syllabus to be implemented from June 2024 onwards

**B. A. Part – III & B. A. B. Ed. Geography
(Evolution of Geographical Thought)
Sem-V**

Syllabus to be implemented from June 2024 onwards

1. TITLE : Evolution of Geographical Thought

Optional under the Faculty of Science

2. YEAR OF IMPLEMENTATION :

New Syllabus will be implemented from June 2024 onwards.

3. PREAMBLE

This curriculum focuses on the understanding of core and fundamental branches of the discipline. This paper is specially designed to cater to foundation building of the students by imparting knowledge about the pillars of geography. It encompasses the evolution of the subject right from the experiences and understanding of travelers and explorers regarding space, place and people to the progression towards establishment of the discipline geography in sciences.

4. GENERAL OBJECTIVES OF THE COURSE

- 1) To study the historical evolution of geographic thought.
- 2) An analysis of different paradigms in geography.
- 3) To evaluating the contemporary trends in geographical studies.
- 4) To study the paradigms and debates in the geographical studies.
- 5) To study the recent trends in geography.

5. COURSE OUTCOMES

- 1) Student should be able to understand in-depth about the Evolution of Geographical Thought.
- 2) Students should be able to analyse the recent trends in geography.
- 3) Student should be able to make use of various models of paradigms and debates in the geographical studies.
- 4) Understanding of recent trends in geography.

6. DURATION

- The course shall be a full time course
- The duration of course shall be of one year (Sem. – V)

7. PATTERN

Pattern of Examination will be Semester

8. FEE STRUCTURE

(As per the Shivaji University rules; and as applicable to regular)

9. ELIGIBILITY FOR ADMISSION :

As per eligibility criteria prescribed for each course and the merit list in the qualifying examination.

10. MEDIUM OF INSTRUCTION :

The medium of instruction shall be in English or Marathi. (as applicable to the course /programme concerned.)

11. STRUCTURE OF COURSE 50 MARKS

(Note – The structure & title of papers of the degree as a whole should be submitted at the time of submission/revision of first year syllabus.)

SEMESTER FIFTH

Paper No.

Title Marks

DSE-E106 or VII, Evolution of Geographical Thought

50

12. SCHEME OF TEACHING AND EXAMINATION

[The scheme of teaching and examination should be given as applicable to the course/paper concerned.]

Sr. No.	Subject/Paper	Teaching Scheme (Hrs/Week)				Examination Scheme (Marks)		
		L	T	P	Total	Theory	Term Work	Total
1	Evolution of Geographical Thought	04	04	00	04	40	10	50

13. SCHEME OF EXAMINATION :

- The examination shall be conducted at the end of each semester
- The theory paper shall carry 40 marks
- The term work shall carry 10 marks
- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 50 marks.
- Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

14. STANDARD OF PASSING:

As Prescribed under rules & regulation for each degree/ programme.

15. NATURE OF QUESTION PAPER AND SCHEME OF MARKING :

(Unit wise weightage of marks should also be mentioned)

Semester V	Marks
Question : 1) Objective Type Question (Multiple Choice)	05
Question: 2) Short Notes (Any three out of five)	15
Question: 3) Detailed Answer Type Question (Any two out of three)	20

16. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS- (FOR NEW SYLLABUS)

Sr. No.	Title of Old Paper	Old paper No.	Title of New paper	New Paper No.
1	Evolution of Geographical Thought	E106 or VII	Evolution of Geographical Thought	VII

17. SPECIAL INSTRUCTIONS, IF ANY.

**NEW SYLLABUS FOR
B. A. Part-III and B. A. B. Ed. Geography
(Introduced from June 2024 onwards)
Semester - V**

(i) E106 or Paper No. VII

(ii) Title of Paper: Evolution of Geographical Thought

Module	Teaching Hours	Credit
Module – I Geography in Ancient Period	15	1
1.1 Contribution of Greeks and Romans		
1.2 Arab Geographical Thoughts		
1.3 Indian Geographical Thoughts		
1.4 Exploration and Development of Geography		
Module – II Schools of Geography	15	1
2.1 German School of Geography – Alexander von Humboldt		
2.2 French School of Geography – Vedal de la Blache		
2.3 American School of Geography – William Moris Davis		
2.4 British School of Geography – Halford J. Mackinder		
Module – III Dualisms in Geography	15	1
3.1 Determinism Vs Possibilism		
3.2 Systematic Vs Regional geography		
3.3 Physical Vs Human geography		
3.4 Historical Vs Contemporary		
Module – IV Trends in Geography	15	1
4.1 Quantitative Revolution		
4.2 Model Building in Geography		

4.3 Man-nature relationship: Radicalism, Behaviourism and Humanism

4.4 Indian Geography: Perspectives and Prospects of Future Geography

Books Recommended :

Adhkari, S. (2006) *Fundamentals of Geographical Thought*, Chaitanya Publishing House, Allahabad.

Bunkse, V.E. (2004) *Geography and the art of Life*, John Hopkins University Press, Baltimore,

Dikshit, R. D. (1997). *Geographical Thought: A Contextual History of Ideas*. Delhi, India: Prentice– Hall India.

Dixit, R.D. (2001) *Geographical Thought : A critical History of ideas*, Prentice Hall of India, New Delhi

Dixit, R.D. (2001) भौगोलिक चिंतन , Prentice Hall of India, New Delhi

Gaile, G. and Wilmot, C. (ed) (2003) *Geography in America at the Dawn of the 21st Century*, Oxford University Press, Oxford & New York.

Harvey, David., (1969): *Explanation in Geography*, London: Arnold.

Hubbard, P. et al (2002) *Thinking Geographically : Space, Theory and Contemporary Human Geography*, Continuum, London

Johnston, R.J. (1988) *The Future of Geography*, Methuen, London,

Johnston, R.J. and Claval, P. (1984) *Geography since the Second World War : An International survey*, Crown Haim, Sydney.

Majid Husain (2007): *Evolution of Geographic Thought* Rawat Publication, Jaipur

Marcus, D. (1999) *Post – Structuralism in Geography, The Diabolical Arts of Spatial Sciences*, Edinburgh University Press, Edinburgh.

Martin Geoffrey J. (2005). *All Possible Worlds: A History of Geographical Ideas*, UK: Oxford.

Singh, R.B. (2016). *Progress in Indian Geography*. New Delhi, India: Indian National Science Academy.

Sudepta, A. (2015). *Fundamentals of Geographical Thought*. Delhi, India: Orient black swan private limited.

e-PG Pathshala: <https://epgp.inflibnet.ac.in/>

MOOCS - NPTEL: <https://nptel.ac.in/>

MOOCS - SWAYAM: <https://swayam.gov.in/>

National Digital Library of India: <https://ndl.iitkgp.ac.in/>

Shivaji University Library (E-Resources): <http://www.unishivaji.ac.in/library/E-Resources>

SHIVAJI UNIVERSITY, KOLHAPUR.



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New Syllabus For

B. A. Part-III & B. A. B. Ed.

Geography
(Economic Geography)

NEP PATTERN

Syllabus to be implemented from

(Subject to the modifications to be made from time to time)

Syllabus to be implemented from June 2024 onwards

B. A. Part – III & B. A. B. Ed.
Geography (Economic Geography)
Syllabus to be implemented from June 2024 onwards
Semester-VI

1. TITLE : Economic Geography

Optional under the Faculty of Science

2. YEAR OF IMPLEMENTATION :

New Syllabus will be implemented from June 2024 onwards.

3. PREAMBLE

[**Note :-** The Board of Studies should briefly mention foundation, core and applied components of the course/paper. The student should get into the prime objectives and expected level of study with required outcome in terms of basic and advance knowledge at examination level.]

4. GENERAL OBJECTIVES OF THE COURSE

- 6) To study the basics of economic geography.
- 7) To study the locational factors of economic activities with special reference to agriculture and industry.
- 8) To study the basics concepts related to manufacturing and major manufacturing industries of selected countries of the world.
- 9) To study the transport and trade.

5. COURSE OUTCOMES

- 5) In depth understanding about the economic geography.
- 6) Detailed knowledge about locational factors of economic activities with special reference to agriculture and industry.
- 7) Detailed understanding of the basics concepts related to manufacturing and major manufacturing industries (selected countries) of the world.
- 8) Understanding of the transport and trade.

6. DURATION

- The course shall be a full time course
- The duration of course shall be of one year (Sem. – VI)

7. PATTERN

Pattern of Examination will be Semester

8. FEE STRUCTURE

(As per the Shivaji University rules; and as applicable to regular)

9. ELIGIBILITY FOR ADMISSION :

As per eligibility criteria prescribed for each course and the merit list in the qualifying examination.

10. MEDIUM OF INSTRUCTION :

The medium of instruction shall be in English or Marathi. (as applicable to the course /programme concerned.)

11. STRUCTURE OF COURSE 50 MARKS

(Note – The structure & title of papers of the degree as a whole should be submitted at the time of submission/revision of first year syllabus.)

SEMESTER SIX

Paper No.

DSE-E231 or X, Economic Geography

Title Marks

50

12. SCHEME OF TEACHING AND EXAMINATION

[The scheme of teaching and examination should be given as applicable to the course/paper concerned.]

Sr. No.	Subject/Paper	Teaching Scheme (Hrs/Week)				Examination Scheme (Marks)		
		L	T	P	Total	Theory	Term Work	Total
1	Economic Geography	04	04	00	04	40	10	50

14. SCHEME OF EXAMINATION :

- The examination shall be conducted at the end of each semester
- The theory paper shall carry 40 marks
- The term work shall carry 10 marks
- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 50 marks.
- Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

15. STANDARD OF PASSING:

As Prescribed under rules & regulation for each degree/ programme.

16. NATURE OF QUESTION PAPER AND SCHEME OF MARKING :

(Unit wise weightage of marks should also be mentioned)

Semester -VI	Marks
Question: 1) Objective Type Question (Multiple Choice)	05
Question: 2) Short Notes (Any three out of five)	15
Question: 3) Detailed Answer Type Question (Any two out of three)	20

17. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS- (FOR NEW SYLLABUS)

Sr. No.	Title of Old Paper	Old paper No.	Title of New paper	New Paper No.
1	Economic Geography	DSE-E231 or X	Economic Geography	X

18. SPECIAL INSTRUCTIONS, IF ANY.

**NEW SYLLABUS FOR
B. A. Part-III and B. A. B. Ed. Geography
(Syllabus to be implemented from June 2024 onwards)
Semester - VI**

(iii) E231 or Paper No. X

(iv) Title of Paper: Economic Geography

Module	Teaching Hours	Credit
Module – I Introduction to Economic Geography	15	1
1.1 Definition, Nature and Scope		
1.2 Concept and Classification of Economic Activity		
1.3 Branches of Economic Geography		
1.4 Significance of Economic Geography		
Module – II Economic Activity	15	1
2.1 Factors Affecting on Location of Agricultural Activity		
2.2 Factors Affecting on Location of Industrial Activity		
2.3 Alfred Weber’s Theory of Industrial Location		
Module – III Manufacturing Activity	15	1
3.1 Concept of Manufacturing Region		
3.2 Concept of Special Economic Zone		
3.3 Major Industries: i) Cotton Textile Industry - USA		
ii) Iron and Steel Industry – USA		
iii) Sugar Industry – Brazil		
iv) Automobile Industry – India		
Module – IV Transport and Trade	15	1
4.1 Significance of Transportation		
4.2 Major Transport Routs: Roadway, Railway, Airway and Ocean Routs		

4.3 International Trade & Policies: India and USA

4.4 Privatization and Globalization (LPG) on Economic activities in the World and India

Books Recommended:

References

- Alexander J. W., (1963): Economic Geography, Prentice Hall Inc Englewood Cliffs, New Jersey.
- Boesch H. (1964) : A Geography of world Economy” D. Van Nostrand co. New York.
- Coe N. M., and others, (2007): Economic Geography: A Contemporary Introduction, Wiley-Blackwell.
- Combes P., Mayer T. and Thisse J. F., (2008) Economic Geography: The Intergration of Regions and Nations, Princeton University Press.
- Goh Chang & Morgan, G.C. (1997): Human and Economic Geography, Oxford University Press.
- H. Robinson (1978): Economic Geography, Macdonald & Evans.
- Hamilton, I (1992) : Resources and Industry, Oxford University Press New York.
- Hartshorn, T.N. and Alexander, J.W. (1994): Economic Geography, Prentice Hall, New Delhi.
- Hodder B. W. and Lee Roger, (1974): Economic Geography, Taylor and Francis.
- Meyer, B. S., Anderson, D. B. and Bohning, R. H. (1960): An Introduction to Plant Physiology, Von Nostrand Company, New York.
- Roborston D (2001) : Globalization and Environment E. Elgar CO.U.K.
- Sadhukhan S. K., (1990): Economic Geography An Appraisal of Resources, S. Chand and Company Ltd., New Delhi.
- Truman A. Hartshorn and John W. Alexander, (1988): Economic Geography, PHI Learning Private Limited, New Delhi.
- Walker, D. F., Collins, L. (Eds.), (1975): Locational Dynamics of Manufacturing Activity, John Wiley and Sons, New York.
- Wheeler J. O., (1995) : Economic Geography John Wiley, New York.
- White H.P. and Senior M.L. (1983) Transport Geography, Longman, London.
- Willington D. E., (2008): Economic Geography, Husband Press.
- Zimmermann, E. W., (1933): World's Resources and Industries, Harper and Row, New York.
- खतीब के ए - आर्थिक भूगोल, अजब प्रकाशन, कोल्हापूर
- घारपुरे विठ्ठल - आर्थिक भूगोल, पिंपळापुरे कंपनी, नागपूर
- सवदी, कोळेकर - आधुनिक भूगोल निराली प्रकाशन, पुणे
- सवदी, कोळेकर - (२००८)- भूगोलाची मुलतत्वे, खंड दुसरा निराली प्रकाशन

SHIVAJI UNIVERSITY, KOLHAPUR.



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NEW Syllabus For

B. A. Part-III & B. A. B. Ed.

Geography of India

NEP PATTERN

(Subject to the modifications to be made from time to time)
Syllabus to be implemented from June 2024 onwards

**Accredited By NAAC
With 'A++' Grade
New Syllabus For**

B. A. Part – III / B. A. B. Ed.

Paper No. VIII, Geography Sem. V

Syllabus to be implemented from June 2024 onwards

A] Ordinance and Regulations:-

(As applicable to degree/program)

B] Shivaji University, Kolhapur

New Syllabus for Bachelor of Arts and B. A. B. Ed.

1. TITLE: Subject – GEOGRAPHY OF INDIA

Optional/Compulsory/Additional/IDS under the Faculty of Science

**2. YEAR OF IMPLEMENTATION: - New Syllabi will be implemented
from June 2024 onwards.**

3. PREAMBLE:-

The present course focuses on the studies of Geography of India should briefly mention foundation, core and applied components. The student should get into the prime objectives and expected level of study with required outcome in terms of basic and advance knowledge of physiography, climate, drainage, soils, vegetation, agriculture and industry etc.

4. GENERAL OBJECTIVES OF THE COURSE/ PAPER/:

(As applicable to the Degree /Subject- Paper concerned)

- 1) To acquaint the students with distinct dimensions of India and physical setup of the country.
- 2) To focus the climate of India and mechanism of monsoon of India.
- 3) To get information about soils and vegetations in India.
- 4) To help the students to understand recent trends in regional study.
- 5) To focus on the mineral, agricultural and industrial product of the country.
- 6) To understand the economic setup of the country.

4.1 COURSE OUTCOMES

- 1) In depth understanding the dimensions and physiography of India.
- 2) The students are fully aware about the climatic seasons in India.

- 3) Detailed knowledge about soils, vegetations, drainage systems in India.
- 4) Understanding an importance of agriculture and industry in Indian economy.
- 5) Detailed knowledge about the economic setup of the India.

5. DURATION

- **The course shall be a full time course.**
- **The duration of course shall be of Three years, as applicable to the respective degree.**

6. PATTERN:-

Pattern of Examination will be Semester.

7. FEE STRUCTURE :-

As per Government /University rules.

[Note: - In case of any New degree/Program started at university/college, the respective colleges/ Dept. should submit a separate proposal of fee structure to BOS office. (i. e. Tution Fee & Laboratory Fee, if any.)

8. ELIGIBILITY FOR ADMISSION:-

As per eligibility criteria prescribed for respective degree program and the merit in the qualifying examination (i.e. Entrance Examination), if any.

9. MEDIUM OF INSTRUCTION:

The medium of instruction shall be in English or Marathi. (as applicable to the course / programme concerned.)

10. STRUCTURE OF COURSE = 50 marks

(Note – The structure & title of papers of the degree as a whole should be submitted at the time of submission/revision of first year syllabus.)

SEMESTER FIFTH

Paper No.	Title Marks
E107 (DSE)/Paper No. VIII, Geography of India	50

11. SCHEME OF TEACHING:

The scheme of teaching and examination should be given as applicable to the course / paper concerned.

Sr. No.	Subject/Papers	Teaching Scheme Per Week				Examination Scheme (Marks)			
		L	T	P	Total	Theory	Practical	Term work	Total
1	Geography of India	04	04	-	04	40	-	10	50

12. SCHEME OF EXAMINATION:

- The examination shall be conducted at the end of each term for semester pattern.
- The Theory paper shall carry 40 marks and term work shall carry 10 marks (as applicable to the course).
- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 40 marks.
- Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

13. STANDARD OF PASSING:

As per Prescribed rules and regulation for each degree / programme.

14. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

(Unit wise weightage of marks should also be mentioned)

Semester V	Marks
Question: 1) Objective Type Question (Multiple Choice)	05
Question: 2) Short Notes (Any three out of five)	15
Question: 3) Detailed Answer Type Question (Any two out of three)	20

15. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS- (FOR NEW SYLLABUS)

Sr. No.	Title of Old Paper	Old paper No.	Title of New paper	New Paper No.
1	Geography of India	DSE-E 107 Or VIII	Geography of India	VIII

16. SPECIAL INSTRUCTIONS, IF ANY – Nil

**New/ New syllabus for
B. A. Part-III and B. A. B. Ed. (Semester -V)
(Syllabus to be implemented from June 2024 onwards)**

(i) Paper – E107 or VIII

(ii) Title of Paper - Geography of India.

(iii) Specific Objectives: -----

(iv) A brief note: - (On expected level of study from examination and assessment point of view) :- -----

Module	Lectures	Credit
Module -I) Physical Profile of India	20	1
1.1) Location (Absolute and Relative)		
1.2) Physiographic Divisions (Characteristics and Importance)		
1.3) Climate: Summer, Rainy and Winter Seasons in India (weather conditions and Characteristics)		
1.4) Major Drainage Systems: a) Northern River Systems (Sindhu, Ganga & Brahmaputra) b) Southern River Systems (Godavari, Krishna & Cauvery) (Characteristics and Importance)		
Module -II) Soils and Forests	14	1
2.1 Major soil types, characteristics and its distribution in India		
2.2 Soil degradation and soil conservation in India		
2.3 Major forest types: characteristics and their distribution		
2.4 Deforestation and conservation of forests in India		
Module -III) Mineral and Power Resources	13	1
3.1 Conventional Resources: Iron Ore and Manganese (Distribution, Production and Trade)		
3.2 Power Resources: Coal and Mineral Oil (Distribution, Production and Trade)		

3.2 Non Conventional Resources: Solar and Wind (Distribution, Production and Trade)

Module -IV) Agriculture and Industry

13

1

4.1 Importance of Agriculture in Indian Economy.

4.2 Major Crops: Rice and Sugarcane (Distribution, Production and Trade)

4.3 Importance of Industries in Indian Economy & Industrial regionalization;

4.4 Industries: Location Factors, Sugar Industry, Iron and Steel Industry and Fertilizer Industry (Distribution, Production and Trade)

References:

1. Majid H., (2013): Geography of India, Tata Mcgraw Hill Education (India) Private Limited, New Delhi.
2. Khullar R. D. (2007): India- A Compressive Geography, Kalayani Publisher.
3. Tiwari, R.C. (2007) Geography of India. Prayag Pustak Bhawan, Allahabad.
4. Singh R. L., (1971): India: A Regional Geography, National Geographical Society of India.
5. Deshpande C. D., (1992): India: A Regional Interpretation, ICSSR, New Delhi.
6. Johnson, B. L. C., ed. (2001). Geographical Dictionary of India. Vision Books, New Delhi.
7. Mandal R. B. (ed.), (1990): Patterns of Regional Geography – An Intenational Perspective. Vol. 3 –
Indian Perspective.
9. Sdyasuk Galina and Sengupta P., (1967): Economic Regionalisation of India, Census of India
10. Sharma, T. C. 2003: India - Economic and Commercial Geography. Vikas Publ., New Delhi.
11. Singh, J., (2003),: India - A Comprehensive & Systematic Geography, Gyanodaya Prakashan, Gorakhpur.
12. Spate O. H. K. and Learmonth A. T. A., (1967): India and Pakistan: A General and Regional
Geography, Methuen.
13. Geography, Methuen.

14. Tirtha, R., (2002): Geography of India, Rawat Pubs., Jaipur & New Delhi.
15. Pathak, C. R. (2003): Spatial Structure and Processes of Development in India. Regional Science
Science
Assoc., Kolkata.
16. Sharma, T.C. (2013): Economic Geography of India. Rawat Publication, Jaipur.
17. Savadi, Kolekar: Bharatacha Samarag Bhugol, Nirali Prakashan, Pune.
18. खतीब के ए : भारताचा भूगोल
19. डॉ. सावंत प्रकाश : भारताचा भूगोल
20. Soil and Water conservation manual Govt. of India.

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A++' Grade

**New Syllabus For
B. A. Part-III & B. A. B. Ed.
Geography**

(Urban Geography or Regional Planning and Sustainable Development)

NEP PATTERN

Syllabus to be implemented from

(Subject to the modifications to be made from time to time)

Syllabus to be implemented from June 2024 onwards

**B. A. Part – III & B. A. B. Ed.
Geography (Urban Geography), Semester-VI
Implemented From June, 2024 onward**

A) Ordinance and Regulations:-
(As applicable to degree/programme)

B) Shivaji University, Kolhapur
New Syllabus For **B. A. Part – III and B. A. B. Ed.**

1. TITLE: Subject – Urban Geography

2. FACULTY of SCIENCE:- Optional under the Faculty of Science

3. YEAR OF IMPLEMENTATION:- - New Syllabus will be implemented from June 2024 onwards.

4. PREAMBLE:-

[**Note:** - The Board of Studies should briefly mention foundation, core and applied components of the course/paper. The student should get into the prime objectives and expected level of study with required outcome in terms of basic and advance knowledge at examination level.]

5. GENERAL OBJECTIVES OF THE COURSE:

- 1) To Study the basic of Urban Geography.
- 2) To Study the types of Urban Settlements, Site and Situations.
- 3) To get an ideas of relationship between human activities and urban development.
- 4) To make the students capable for handling the present problematic situation in Urban and rural areas.
- 5) To make students as a good urban planner and environmental conservator.

6. COURSE OUTCOMES:

- 1) The students were known the importance of urban settlements through urban geography.
- 2) The students understood the types of Urban Settlements, Site and Situations.
- 3) The students were familiar with an idea of relationship between human activities and urban development.
- 4) Detail understanding of students regarding present urban problems and students are capable to handling of present problematic situations in urban areas.
- 5) The students are developed as a good urban planner and environmental conservator.

6. DURATION

- The course shall be a full time course.
- The duration of course shall be of one semester.

7. PATTERN:-

Pattern of Examination will be Semester

8. FEE STRUCTURE:-

(as applicable to regular course determined by the university and other fee will be applicable as per University rules/norms)

9. ELIGIBILITY CRITERIA FOR ADMISSION:

As per eligibility criteria prescribed for each course and the merit list in the qualifying examination.

10. MEDIUM OF INSTRUCTION:

The medium of instruction shall be in English or Marathi. (as applicable to the course/programme concerned.)

11. STRUCTURE OF COURSE-

(Note – The structure & title of papers of the degree as a whole should be submitted at the time of submission/revision of first year syllabus.)

SEMESTER SIXTH

Paper No.

DSE-E232 or XI, Urban Geography

Title Marks

50

12. SCHEME OF TEACHING AND EXAMINATION:

[The scheme of teaching and examination should be given as applicable to the course/paper concerned.]

THIRD YEAR

Scheme of Teaching and Examination

Sr. No.	Subject/Paper	Teaching Scheme (Hrs/Week)				Examination Scheme Sr. (Marks)		
		L	T	P	Total	Theory	Term work	Total
1	Urban Geography	04	04	00	04	40	10	50

SCHEME OF EXAMINATION:

- The examination shall be conducted at the end of each semester
- The Theory paper shall carry 50 marks
- The term work shall carry 10 marks
- The evaluation of the performance of the students in theory papers shall be on the basis of semester Examination of 50 marks.
- Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

13. STANDARD OF PASSING:

As Prescribed under rules & regulation for each degree/programme.

14. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

(Unit wise weightage of marks should also be mentioned)

Semester VI		Marks
Question 1) Objective Type Question (Multiple Choice)		05
Question 2) Short Note Type Question (Any four out of six)		15
Question 3) Detail Answers Type Question (Any two out of three)		20

15. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS- (FOR NEW SYLLABUS)

Sr. No.	Title of Old Paper	Old paper No.	Title of New paper	New Paper No.
1	Urban Geography	DSE-E232 or XI	Urban Geography	XI

16. SPECIAL INSTRUCTIONS, IF ANY.

NEW SYLLABUS FOR
(NEP based)
B. A. Part-III and B. A. B. Ed, Geography
(Introduced from June 2024 onwards)

Semester – VI

(i) Paper No : XI

(ii) Title of Paper: - Urban Geography

(iii) Specific Objectives:-

(iv) A brief note: - (On expected level of study from examination and assessment point of view):- -----

Modules	No. of Lectures
Credit	
Module-I: Introduction to Urban Geography	15
1.1 Urban Geography: Meaning and Definitions	
1.2 Nature and Scope of Urban Geography	
1.3 Approaches of Urban Geography	
1.4 Significance of Urban Geography	
Module-II: Urbanization	15
2.1 Site and Situation: Significance and Types	
2.2 Concept and Factors of Urbanization	
2.3 Patterns of Urbanization in developed and developing countries	
2.4 Functional classification of cities (Quantitative and Qualitative)	
Module-III: 3 Structure and Morphology of Urban Centers	15
3.1 Structure and Morphology	
3.2 City Region and C.B.D.	
3.3 Rural-Urban Fringe	
3.4 Models of Town Morphology: The Concentric Zone Theory, the Sector Theory and the Multi-Nuclei Theory	

- 4.1 Urban Issues: problems of housing, slums, civic amenities (water and transport)
- 4.2 Concept of Garden City
- 4.3 Urban Planning & Policies of Urban Development in India
- 4.4 Case studies of Mumbai and Chandigarh with reference to Land use and Urban Issues

References

1. Tim Hall. (1998): Urban Geography, Routledge ,London.
2. Verma L.N.: Urban Geography, Rawat Publications, Jaipur.
3. Johnson J. H. (1967): Urban Geography, An Introductory Analysis.
4. Bose A., : India's Urbanization 1974-2000,Tata McGraw Hill, New Delhi.
5. Carter H. (1972): The study of urban Geography, Edward Arnold, London.
6. Smailes A. E. : The Geography of Towns.
7. Taylor and Pntnam : Geography of UrbanPlaces.
8. Hudson F : SettlementGeogrpahy
9. देशपांडे सी.डी. (१९८३)- शहरे कॉटीनेटल प्रकाशन पुणे
- 10 सवदी कोळेकर, (२००५) आधुनिक भूगोल , निराली प्रकाशन पुणे
- 11 वसाहती भूगोल- अजब प्रकाशन कोल्हापू
12. Mandal : Urban Geography

B. A. Part – III & B. A. B. Ed. Geography
Semester-VI
(Regional Planning and Sustainable Development)
Implemented From June, 2024 onward

A] Ordinance and Regulations:-
(As applicable to degree/programme)

B] Shivaji University, Kolhapur
New Syllabus For **B. A. Part – III and B. A. B. Ed.**

1. TITLE: Subject – Regional Planning and Sustainable Development

2. FACULTY of SCIENCE:- Optional under the Faculty of Science

3. YEAR OF IMPLEMENTATION: - New Syllabus will be implemented from June 2024 onwards.

4. PREAMBLE:-

Regional Planning is the need of time to everyone. Geography subject can lead to the development of human activities through regional planning. In the process of development of geography, the changing nature of subject will make aware to the students about the recent technologies used in geography. This will further help to improve the use of geographical techniques and methods in teaching, learning and research work through regional planning.

5. GENERAL OBJECTIVES OF THE COURSE:

- 1) To introduce the students with the importance of regional planning.
- 2) To understand the concepts of region, regionalization, regional planning & development.
- 3) To give basic information to the students about the region.
- 4) To get familiar with indicators of measurement of development.
- 5) To understand Perroux's Growth Pole Model & Growth Center Model in Indian context.
- 6) To develop skills for demarcation of region.
- 7) To aware the students regional planning with recent technology.

6. COURSE OUTCOMES:

- 6) The students were known the importance of regional planning.
- 7) The students understood the concepts of region, regionalization, regional planning & development and detailed knowledge of region.

- 8) The students were familiar with indicators of measurement of development.
- 9) Detail understanding of Perroux's Growth Pole Model & Growth Center Model in Indian context.
- 10) The students are develop skills for demarcation of region and aware the regional planning with recent technology.

6. DURATION

- **The course shall be a full time course.**
- **The duration of course shall be of one semester.**

7. PATTERN:-

Pattern of Examination will be Semester

8. FEE STRUCTURE:-

(as applicable to regular course determined by the university and other fee will be applicable as per University rules/norms)

9. ELIGIBILITY CRITERIA FOR ADMISSION:

As per eligibility criteria prescribed for each course and the merit list in the qualifying examination.

10. MEDIUM OF INSTRUCTION:

The medium of instruction shall be in English or Marathi. (as applicable to the course/programme concerned.)

11. STRUCTURE OF COURSE-

(Note – The structure & title of papers of the degree as a whole should be submitted at the time of submission/revision of first year syllabus.)

SEMESTER SIXTH

Paper No.	Title Marks
DSE-E232 or XI, Regional Planning and Sustainable Development	40

12. SCHEME OF TEACHING AND EXAMINATION:

[The scheme of teaching and examination should be given as applicable to the course/paper concerned.]

THIRD YEAR

Scheme of Teaching and Examination

Sr. No.	Subject/Paper	Teaching Scheme (Hrs/Week)				Examination Scheme Sr. (Marks)		
		L	T	P	Total	Theory	Term work	Total
1	Regional Planning and Sustainable Development	04	04	00	04	40	10	50

SCHEME OF EXAMINATION:

- The examination shall be conducted at the end of each semester
- The Theory paper shall carry 50 marks
- The term work shall carry 10 marks
- The evaluation of the performance of the students in theory papers shall be on the basis of semester Examination of 50 marks.
- Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

13. STANDARD OF PASSING:

As Prescribed under rules & regulation for each degree/programme.

14. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

(Unit wise weightage of marks should also be mentioned)

Semester VI	Marks
Question 1) Objective Type Question (Multiple Choice)	05
Question 2) Short Note Type Question (Any four out of six)	15
Question 3) Detail Answers Type Question (Any two out of three)	20

15. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS- (FOR NEW SYLLABUS)

Sr. No.	Title of Old Paper	Old paper No.	Title of New paper	New Paper No.
1	Regional Planning and Sustainable Development	DSE-E232 or XI	Regional Planning and Sustainable Development	XI

16. SPECIAL INSTRUCTIONS, IF ANY.

NEW SYLLABUS FOR
(NEP System)
B. A. Part-III and B. A. B. Ed, Geography
(Implemented From June, 2024 onward)

Semester – VI

(i) Paper No: XI

(ii) Title of Paper: - Regional Planning and Sustainable Development

(iii) Specific Objectives:-

(iv) A brief note: - (On expected level of study from examination and assessment point of view):- -----

Modules	No. of Lectures	
Credit		
Module I: Region and Regionalization	(15)	1
1.1 Definition, Concept of Region and Regionalization		
1.2 Characteristics of Region		
1.3 Types of Region		
1.4 Demarcation of Region		
Module II: Regional Planning	(15)	1
2.1 Concept of Regional Planning		
2.2 Need for Regional Planning and Types of Regional Planning		
2.3 Choice of a Region for Planning		
2.4 Planning Regions of India		
Module III: Models for Regional Planning	(15)	1
3.1 Spread and Backwash Concept		
3.2 Walter Christaller's Central Place Theory		
3.3 Francois Perroux,s Growth Pole Model		
3.4 R. P. Misra's Growth Foci Concept		
Module IV: Sustainable Development	(15)	1
4.1 Concept of Sustainable Development and Underdevelopment		
4.2 Rostow's Growth Model- Stages of Development		
4.3 An Indicators of Measuring Development		
4.4 Human Development Index (HDI)		

18. Recommended Reading Material:

1. Alden, J. and Morgan, (1974): Regional Planning: A Comprehensive View, Leonard Hill Books, Beds.
2. Adrill, J. (1974): New Citizens Guide to Town and Country Planning, Charles knight and Company Ltd. London.
3. Chand, M. & Puri, V. (1983): Regional Planning in India, Allied Publishers Ltd., New Delhi.
4. Chandra, R.C. (2000): Regional Planning and Development, Kalyani Publishers, Ludhiana.
5. Cook. P. (1983): Theories of Planning and Spatial Development, Hutchinson & Company Ltd. London.
6. Diamond, D. (ed) (1982): Regional Disparities and Regional Policies, Pergamon Press, Oxford.
7. Dickinson R.E. (1964): City and Region: A Geographical Interpretation. Routledge and Keagan Paul.
8. Friedman, J. & Alonson W. (1964): Regional Development and Planning. MIT Press. Cambridge.
9. Galasson, John (1974): An Introduction to Regional Planning Hutchinson. Educational London.
10. Hilborot, J.G.M (1971): Regional Planning. Rotterdam University Press, Rotterdam.
11. Misra, R.P. Sundaram K.V. & Rao, V.L.S. Prakasa (1974): Regional Development Planning In India.
12. Misra, R.P. (1992): Regional Planning. Concept Publishing Company. New Delhi.
13. Reddi, K. V. (1988): Rural Development in India, Himalaya Pub, Mumbai.
14. Singh, R.L.(2008): Fundamentals of Human Geography, Sharada Pustak Bhawan, Allahabad.
15. Sundran, K.V. (1977): Urban and Regional Planning in India, Vikas Publishing, New Delhi.
16. Swawy, M.C.K., Bhaskara, R. Hegde, V.M. (eds.) (2008): Urban Planning and Development at Cross Roads, BC Books for Change, Bangalore.
17. Whyntes, Charles & Hammand (1979): Elements of Human Geography, George Aflen & Unwin, London.
18. Kothari, C. R. (1985): Research Methodology- Methods and Techniques, Wiley Eastern Limited, New Delhi
18. सवदी., कोळेकर (२००८) भूगोलाची मुलतत्वे, खंड दुसरा ,निराली प्रकाशन पुणे

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A++' Grade

New Syllabus For

B. A. Part-III & B. A. B. Ed.

Population Geography

Or

Social Geography

NEP PATTERN

Syllabus to be implemented from

**(Subject to the modifications to be made from time to time)
Syllabus to be implemented from June 2024 onwards**

B. A. Part – III and B. A. B. ED.
Geography (Course / Paper No. IX) June 2024 onwards
Semester - V

A] Ordinance and Regulations:

(As applicable to degree/program)

B] Shivaji University, Kolhapur

New Syllabus For **Bachelor of –Arts and B. A. B. Ed.**

1. TITLE: POPULATION GEOGRAPHY

Optional/Compulsory/Additional/IDS under the Faculty of Science

2. YEAR OF IMPLEMENTATION:

New Syllabi will be implemented from June 2024 onwards.

3. PREAMBLE:-

This curriculum focuses on the understanding of core and fundamental branches of the discipline. This paper is specially designed to learn the role of demography and population studies as a distinct field of human geography. It encompasses sound knowledge of key concept, different components of population. The curriculum has been carefully designed to include conceptual, basic themes, population dynamics and characteristic with contemporary issues.

4. GENERAL OBJECTIVES OF THE COURSE/ PAPER/:

- 1) To study the basics of population geography.
- 2) To study the population growth trends and its distribution.
- 3) To study the population dynamics.
- 4) To study the population compositions and its characteristics.

5. Course Outcomes:

- 1) This paper would bring an understanding of population geography along with relevance of demographic data.
- 2) The students would get an understanding of distribution and trends of population growth in the developed and less developed countries, along with population concepts.
- 3) The students would get an understanding of the dynamics of population.
- 4) An understanding of the implications of population composition in different regions of the world.
- 5) An appreciation of the contemporary issues in the field of population studies

5. DURATION:

- The course shall be a full time course.
- The duration of course shall be of Three years, as applicable to the respective degree.

6. PATTERN:

Pattern of Examination will be Semester.

7. FEE STRUCTURE :

As per Government /University rules.

[Note: - In case of any New degree/Program started at university/college, the respective colleges/ Dept. should submit a separate proposal of fee structure to BOS office. (i. e. Tuition Fee & Laboratory Fee, if any.)]

8. ELIGIBILITY FOR ADMISSION:

As per eligibility criteria prescribed for respective degree program and the merit in the qualifying examination (i.e. Entrance Examination), if any.

9. MEDIUM OF INSTRUCTION:

The medium of instruction shall be in English or Marathi. (as applicable to the course / programme concerned.)

10. STRUCTURE OF COURSE = 40 + 10 = 50 marks

(Note – The structure & title of papers of the degree as a whole should be submitted at the time of submission/revision of first year syllabus.)

THIRD YEAR / SEMESTER

Paper No.	Title Marks
Course / Paper DSE-E108 or IX, Population Geography	50

11. SCHEME OF TEACHING:

The scheme of teaching and examination should be given as applicable to the course / paper concerned.

Sr. No.	Subject/Paper	Teaching Scheme (Hrs/Week)				Examination Scheme (Marks)		
		L	T	P	Total	Theory	Term Work	Total
1	Population Geography	04	04	00	04	40	10	50

12. SCHEME OF EXAMINATION:

- The examination shall be conducted at the end of each term for semester pattern.
- The Theory paper shall carry 40 marks (as applicable to the course).
- The term work shall carry 10 marks
- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 40 marks.
- Question Paper will be set in the view of the /in accordance with the entire Syllabus

and preferably covering each unit of syllabi.

13. STANDARD OF PASSING:

As per Prescribed rules and regulation for each degree / programme.

14. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

(Unit wise weightage of marks should also be mentioned)

Semester V		Marks
Question: 1)	Objective Type Question (Multiple Choice)	05
Question: 2)	Short Notes (Any three out of five)	15
Question: 3)	Detailed Answer Type Question (Any two out of three)	20

15. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS- (FOR NEW SYLLABUS)

Sr. No.	Title of Old Paper	Old paper No.	Title of New paper	New Paper No.
1	Population Geography	E108 or IX	Population Geography	IX

16. SPECIAL INSTRUCTIONS, IF ANY – Nil

REFERENCES:

1. Barrett H. R., 1995: Population Geography, Oliver and Boyd.
2. Bhende A. and Kanitkar T., 2000: Principles of Population Studies, Himalaya Publishing House.
3. Chandna R. C. and Sidhu M. S., 1980: An Introduction to Population Geography, Kalyani Publishers.
4. Clarke J. I., 1965: Population Geography, Pergamon Press, Oxford.
5. Jones, H. R., 2000: Population Geography, 3rd ed. Paul Chapman, London.
6. Lutz W., Warren C. S. and Scherbov S., 2004: The End of the World Population Growth in the 21st Century, Earthscan
7. Newbold K. B., 2009: Population Geography: Tools and Issues, Rowman and Littlefield Publishers.
8. Pacione M., 1986: Population Geography: Progress and Prospect, Taylor and Francis.
9. Wilson M. G. A., 1968: Population Geography, Nelson.
10. Panda B P (1988): Janasankya Bhugol, M P Hindi Granth Academy, Bhopal
11. Maurya S D (2009) Jansankya Bhugol, Sharda Putak Bhawan, Allahabad
12. Chandna, R C (2006), Jansankhya Bhugol, Kalyani Publishers, Delhi
14. Trewartha, G T (1969), A Geography of Population: world patterns, John Wiley, New York.
15. e-PG Pathshala: <https://epgp.inflibnet.ac.in/>
16. MOOCS - NPTEL: <https://nptel.ac.in/>
17. MOOCS - SWAYAM: <https://swayam.gov.in/>
18. National Digital Library of India: <https://ndl.iitkgp.ac.in/>
19. Shivaji University Library (E-Resources): <http://www.unishivaji.ac.in/library/E-Resources>
- 20 खातीब के ए -लोकसंख्या भूगोल , मेहता प्रकाशन कोल्हापूर

**B. A. Part – III & B. A. B. Ed.
Semester - V**

**SOCIAL GEOGRAPHY
Syllabus to be implemented from June 2024 onwards**

1. TITLE : Social Geography

Optional under the Faculty of Science

4. YEAR OF IMPLEMENTATION :

New Syllabus will be implemented from June 2024 onwards.

5. PREAMBLE

This curriculum focuses on the understanding of social geography of the discipline. This paper is specially designed to cater to social study of the students by imparting knowledge about the society. Social geography is the branch of human geography that is most closely related to social problems and well being, dealing with the relation of social phenomena and its spatial components. The different conceptions of social geography have been overlapping with other sub-fields of geography. It was basically applied as a synonym for the search for patterns in the distribution of social groups and their problems.

9. GENERAL OBJECTIVES OF THE COURSE

- 1) Understanding the concept, origin, nature and scope of social geography.
- 2) To study the migration, technological and occupational changes in India peoples.
- 3) An analysis of different social categories and their spatial distribution.
- 4) To understand the geographies of social welfare and well being.

4.1 COURSE OUTCOMES

- 6) In depth understanding the problems and prospects of society in India.
- 7) The students are fully aware about the migration, technological and occupational changes in India peoples.
- 8) Detailed knowledge about the social categories and communities in world.
- 9) Understanding concepts of social well being and welfare.

5. DURATION

- The course shall be a full time course
- The duration of course shall be of one year (Sem. – V)

6. PATTERN:

Pattern of Examination Will Be Semester

7. FEE STRUCTURE:

As per Government /University rules.

[Note: - In case of any New degree/Program started at university/college, the respective colleges/ Dept. should submit a separate proposal of fee structure to BOS office. (i. e. Tution Fee & Laboratory Fee, if any.)

9. MEDIUM OF INSTRUCTION:

The medium of instruction shall be in English or Marathi. (as applicable to the course / programme concerned.)

10. STRUCTURE OF COURSE = 50 marks

(Note – The structure & title of papers of the degree as a whole should be submitted at the time of submission/revision of first year syllabus.)

SEMESTER FIFTH

Paper No.

Title Marks

DSE-E108 or IX, Social Geography

50

12. SCHEME OF TEACHING AND EXAMINATION

[The scheme of teaching and examination should be given as applicable to the course/paper concerned.]

Sr. No.	Subject/Paper	Teaching Scheme (Hrs/Week)				Examination Scheme (Marks)		
		L	T	P	Total	Theory	Term Work	Total
1	Social Geography	04	04	00	04	40	10	50

15. SCHEME OF EXAMINATION :

- The examination shall be conducted at the end of each semester.
- The Theory paper shall carry 50 marks.
- The term work shall carry 10 marks.

- The evaluation of the performance of the students in theory papers shall be on the basis of semester Examination of 50 marks.
- Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

14. STANDARD OF PASSING: As Prescribed under rules & regulation for each degree/ programme.

15. NATURE OF QUESTION PAPER AND SCHEME OF MARKING :-

(Unit wise weightage of marks should also be mentioned)

Semester V	Marks
Question : 1) Objective Type Question (Multiple Choice)	05
Question: 2) Short Notes (Any three out of five)	15
Question: 3) Detailed Answer Type Question (Any two out of three)	20

18. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS- (FOR NEW SYLLABUS)

Sr. No.	Title of Old Paper	Old paper No.	Title of New paper	New Paper No.
1	Social Geography	E108 or IX	Social Geography	IX

17. SPECIAL INSTRUCTIONS, IF ANY.

**NEWCBCS PATTERN SYLLABUS FOR
B. A. - Part III and B. Ed. Geography, Paper No. IX
(Introduced from June 2024 onwards)**

Semester – V

(v) Paper No–IX

(vi) Title of Paper: Social Geography

Module	Teaching Hours	Credit
Module-I: Introduction to Social Geography	15	(1)
1.1 Definitions, Nature and Scope of Social Geography		
1.2 Sub-branches of Social Geography		
1.3 Relationship with other Social Sciences		
1.4 Approaches and Significance of Social Geography		
Module-II: Peopling Process in India	15	(1)
2.1 Educational Changes		
2.2 Technological Changes		
2.3 Occupational Changes		
2.4 Migration		
Module-III: Social Categories and their Spatial Distribution	15	(1)
3.1 Race		
3.2 Religions		
3.3 Gender		
Module-IV: Geographies of Welfare, Well Being and Social Problems in India	15	(1)
4.1 Concept of Social Welfare and Well being		
4.2 Healthcare and Housing Facilities		
4.3 Slums		
4.4 Communal Conflicts and Crime		

References

1. Ahmed A., 1999: Social Geography, Rawat Publications.

2. Casino V. J. D., Jr., 2009) *Social Geography: A Critical Introduction*, Wiley Blackwell.
3. Cater J. and Jones T., 2000: *Social Geography: An Introduction to Contemporary Issues*, Hodder Arnold.
4. Holt L., 2011: *Geographies of Children, Youth and Families: An International Perspective*, Taylor & Francis.
5. Panelli R., 2004: *Social Geographies: From Difference to Action*, Sage.
6. Rachel P., Burke M., Fuller D., Gough J., Macfarlane R. and Mowl G., 2001: *Introducing Social Geographies*, Oxford University Press.
7. Smith D. M., 1977: *Human geography: A Welfare Approach*, Edward Arnold, London.
8. Smith D. M., 1994: *Geography and Social Justice*, Blackwell, Oxford.
9. Smith S. J., Pain R., Marston S. A., Jones J. P., 2009: *The SAGE Handbook of Social Geographies*, Sage Publications.
10. Sopher, David (1980): *An Exploration of India*, Cornell University Press, Ithasa.
11. Valentine G., 2001: *Social Geographies: Space and Society*, Prentice Hall

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A++' Grade

**New Syllabus For
B. A. Part-III & B. A. B. Ed.
Political Geography
Or
Geography of Health and Wellbeing**

NEP PATTERN

(Subject to the modifications to be made from time to time)
Syllabus to be implemented from June 2024 onwards

**Accredited By NAAC
With 'A++' Grade
New Syllabus For
B. A. Part – III and B. A. B. Ed.**

Paper No. XII, Geography (Political Geography), Sem.-VI
Syllabus to be implemented from June 2024 onwards

A] Ordinance and Regulations:-
(As applicable to degree/program)

B] Shivaji University, Kolhapur
New Syllabus For **Bachelor of -Arts.**

1. TITLE: Subject – POLITICAL GEOGRAPHY

Optional/Compulsory/Additional/IDS under the Faculty of Science

2. YEAR OF IMPLEMENTATION: - New Syllabi will be implemented
from June 2024 onwards.

3. PREAMBLE:-

Political Geography is the most important branch of Human Geography. But after 1960 this branch of Geography becomes popular due to its own significance in the World. Therefore, it has been introduced to B. A. Part-III. In this course the fundamental as well basic concepts and knowledge of Political Geography have been included. The present syllabus of this course includes nature, scope,

4. GENERAL OBJECTIVES OF THE COURSE/ PAPER/:

(As applicable to the Degree /Subject- Paper concerned)

- i) To study the Political geography as a fundamental branch of Human Geography.
- ii) To familiarize the students with the basics and fundamental concepts and theories of Political Geography.
- iii) To aware the students about resource conflicts and politics of displacement.

4.1 COURSE OUTCOME

- i) The students are fully aware about the Political geography as a fundamental branch of Human Geography.
- ii) The students are familiarized with the basics and fundamental concepts and theories of Political Geography.
- iii) The students are aware about resource conflicts and politics of displacement.

5. DURATION

- **The course shall be a full time course.**
- **The duration of course shall be of Three years, as applicable to the respective degree.**

6. PATTERN:-

Pattern of Examination will be Semester.

7. FEE STRUCTURE :-

As per Government /University rules.

[Note: - In case of any New degree/Program started at university/college, the respective colleges/ Dept. should submit a separate proposal of fee structure to BOS office. (i. e. Tuition Fee & Laboratory Fee, if any.)

8. ELIGIBILITY FOR ADMISSION:-

As per eligibility criteria prescribed for respective degree program and the merit in the qualifying examination (i.e. Entrance Examination), if any.

9. MEDIUM OF INSTRUCTION:

The medium of instruction shall be in English or Marathi. (as applicable to the course / programme concerned.)

10. STRUCTURE OF COURSE = 50 marks

(Note – The structure & title of papers of the degree as a whole should be submitted at the time of submission/revision of first year syllabus.)

SEMESTER SIXTH

Paper No.

DSE-E233 or Paper No. XII, Political Geography

Title Marks

50

11. SCHEME OF TEACHING:

The scheme of teaching and examination should be given as applicable to the course / paper concerned.

Sr. No.	Subject/Papers	Teaching Scheme Per Week				Examination Scheme Sr. (Marks)			
		L	T	P	Total	Theory	Practical	Term Work	Total
1	Political Geography	04	04	-	04	40	-	10	50

12. SCHEME OF EXAMINATION:

- The examination shall be conducted at the end of each term for semester pattern.
- The Theory paper shall carry 40 marks (as applicable to the course).
- The term work shall carry 10 marks.
- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 50 marks.
- Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

13. STANDARD OF PASSING:

As per Prescribed rules and regulation for each degree / programme.

14. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

(Unit wise weightage of marks should also be mentioned)

Semester V	Marks
Question: 1) Objective Type Question (Multiple Choice)	05
Question: 2) Short Notes (Any three out of five)	15
Question: 3) Detailed Answer Type Question (Any two out of three)	20

15. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS- (FOR NEW SYLLABUS)

Sr. No.	Title of Old Paper	Old paper No.	Title of New paper	New Paper No.
1	Political Geography	E233 or XII	Political Geography	XII

16. SPECIAL INSTRUCTIONS, IF ANY – Nil

**NEW SYLLABUS FOR
B. A. Part-III and B. A. B. Ed. Geography
(Syllabus to be implemented from June 2024 onwards)
Semester - VI**

(i) Paper No: XII

(ii) Title of Paper:- POLITICAL GEOGRAPHY

(iii) Specific Objectives:- -----

(iv) A brief note:- (On expected level of study from examination and assessment point of view):- -----

Module	Teaching Hours	Credits
Module I: Introduction to Political Geography	15	01
1.1 Definition of Political Geography		
1.2 Nature and Scope of Political Geography		
1.3 Approaches of Political Geography		
1.4 Significance of Political Geography		
Module II: Concepts in Political Geography	15	01
2.1 State		
2.2 Nation		
2.3 Boundary		
2.4 Frontier		
Module III: Theories in Political Geography	15	01
3.1 Hartland Theory - Halford J. Mackinder		
3.2 Rimland Theory – Nicholas J. Spykeman		
Module IV: Disputes and Conflicts	15	01
4.1 Krishna Water Dispute & Ganga Water Dispute		
4.2 Sardar Sarovar Project: Issues of Relief, Compensation and Rehabilitation		
4.3 Chandoli Dam Project: Issues of Relief, Compensation and Rehabilitation		
4.4 International Dispute		

Reading List

1. Adhikari, S. (1997) : Political Geography, Rawat Publications, Jaipur.
2. Dikshit, R. D. (1985) : Political Geography, A Contemporary Perspective, McGraw Hill, New Delhi
3. Dwivedi, R. L. (1996): Political Geography, ChaitanyaPrakashan, Allahabad.

4. Muir, Richard (1995): Modern Political Geography, Macmillan, London.
5. Pounds, N. J. G. (1972): Political Geography 2nd Ed. McGraw Hill, N. Y.
6. Sharma, T. C. : Political Geography.
7. Agnew J., 2002: Making Political Geography, Arnold.
8. Agnew J., Mitchell K. and Toal G., 2003: A Companion to Political Geography, Blackwell.
9. Cox K. R., Low M. and Robinson J., 2008: The Sage Handbook of Political Geography, Sage Publications.
10. Cox K., 2002: Political Geography: Territory, State and Society, Wiley-Blackwell
11. Gallaher C., et al, 2009: Key Concepts in Political Geography, Sage Publications.
12. Glassner M., 1993: Political Geography, Wiley.
13. Jones M., 2004: An Introduction to Political Geography: Space, Place and Politics, Routledge.
14. Mathur H M and M M Cernea (eds.) Development, Displacement and Resettlement – Focus on Asian Experience, Vikas, Delhi
15. Painter J. and Jeffrey A., 2009: Political Geography, Sage Publications.
16. Taylor P. and Flint C., 2000: Political Geography, Pearson Education.
17. Verma M K (2004): Development, Displacement and Resettlement, Rawat Publications, Delhi
18. Hodder Dick, Sarah J Llyod and Keith S McLachlan (1998), Land Locked States of Africa and Asia (vo.2), Frank Cass

Accredited By NAAC
With 'A++' Grade

New Syllabus For B. A. Part – III and B. A. B. Ed.
Paper No.XII Geography (Geography of Health and Wellbeing), Semester-VI
Syllabus to be implemented from June 2024 onwards

A] Ordinance and Regulations:-

(As applicable to degree/program)

B] Shivaji University, Kolhapur

New Syllabus for Bachelor of Arts and B. A. B. Ed.

1. TITLE: Geography of Health and Wellbeing

Optional/Compulsory/Additional/DSE

2. FACULTY: Faculty of Science.

3. YEAR OF IMPLEMENTATION:

New Syllabi will be implemented from June 2024 onwards.

4. PREAMBLE:

Geography of Health and Wellbeing considers the significance for physical and mental health of interactions between people and their environment. This branch of Geography becomes popular due to its significance. Therefore, it has been introduced to B. A. Part-III. In this course the fundamental concepts and knowledge of Geography of Health and wellbeing have been included. The present syllabus of this course includes perspectives of health, pressure on environmental quality and health, exposure and health risks, health and disease patterns.

5. GENERAL OBJECTIVES OF THE COURSE/PAPER:

(As applicable to the Degree/Subject-Paper concerned)

- i) To know Geography of Health and Wellbeing.
- ii) To study the fundamental concepts health and environmental trends.
- iii) To study the pressure on environmental quality and health.
- iv) To study the exposure and health risks.
- iv) To understand the health and various disease patterns in environmental context with special reference to India.

6. COURSE OUTCOME:

After the completion of course, the students will have ability to:

1. Understand various geographical perspectives related to human health.

2. Create awareness of human health and environmental trends.
3. The students are familiar with geographical background of diseases and their regional pattern.
4. Detail understanding of pressure on environmental quality and human health.
5. Create awareness among the students of malnutrition and hygiene.
6. The students are familiar with the process of health care planning in India.
7. The students are aware about impact of climate change on human health.

6. DURATION

- The course shall be a full time course.
- The duration of course shall be of Three years, as applicable to the respective degree.

8. PATTERN:

Pattern of Examination will be Semester.

8.FEE STRUCTURE:

As per Government/University rules.

[Note: In case of any New degree/Program started at university/college, the respective colleges/Dept. should submit a separate proposal of fee structure to BOS office.(i.e. Tution Fee & Laboratory Fee, if any.)]

9. ELIGIBILITY FOR ADMISSION:-

As per eligibility criteria prescribed for respective degree programme and the merit in the qualifying examination (i.e. Entrance Examination), if any.

10.MEDIUM OF INSTRUCTION:

The medium of instruction shall be in English or Marathi. (as applicable to the course/programme concerned.)

11.STRUCTUREOFCOURSE = 50 marks

(Note–The structure & title of papers of the degree as a whole should be submitted at The time of submission/revision of first year syllabus.)

SEMESTER SIXTH Paper No.

Course E 233/Paper- XII, Geographyof Health and Wellbeing

TitleMarks
50

12. SCHEME OF TEACHING AND EXAMINATION:

The scheme of teaching and examination should be given as applicable to the course /paper concerned.

Sr. No.	Subject/Papers	Teaching Scheme Per Week				Examination Scheme (Marks)			
		L	T	P	Total	Theory	Practical	Term Work	Total
1	Geography of Health and Wellbeing	04	04	-	04	40	-	10	40

13. Scheme of Examination:

- The examination shall be conducted at the end of each academic year.
- The paper shall carry 40 marks.
- The term work shall carry 10 marks.
- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 50 marks.
- Question Paper will be set in the view of the / in accordance with the entire syllabus and preferably covering each unit of syllabi.

14. Standard of Passing:

(As prescribed under rules & regulation for each degree / program)

15. Nature of Question Paper and Scheme of Marking:

(Unit wise weightage of marks should also be mentioned)

Semester V	Marks
Question: 1) Objective Type Question (Multiple Choice)	05
Question: 2) Short Notes (Any three out of five)	15
Question: 3) Detailed Answer Type Question (Any two out of three)	20

16. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS (For New Syllabus)

Sr. No.	Title of Old Paper	Title of New Paper
1	Geography of Health and Wellbeing E233 (Paper No. XII)	Geography of Health and Wellbeing - (Paper No XII)

17. Special Instructions, If any.

NEW SYLLABUS FOR
B. A. Part-III and B. A. B. Ed. Geography
(Syllabus to be implemented from June 2024 onwards)
Semester-VI

(i) Course/Paper No. XII

(ii) Title of Paper:- GEOGRAPHY OF HEALTH AND WELLBEING

(iii) Specific Objectives -----

(iv) A brief note:-

(On expected level of study from examination and assessment point of view):- -----

Module	Teaching Hours	Credits
Module I: Perspectives on Health	15	01
1.1 Definition, Nature and Scope		
1.2 Trends and Applications		
1.3 Linkages with Environment and Development		
1.4 Health and Environmental Trends: Population Dynamics, Urbanization, Poverty and Inequality		
Module II: Pressure on Environmental Quality and Health	15	01
2.1 Human Activities and Environmental Pressure		
2.2 Land use and Agricultural Development		
2.3 Industrialization		
2.4 Transportation		
Module III: Exposure and Health Risks	15	01
3.1 Air and Water Pollution		
3.2 Household Wastes		
3.3 Housing		
3.4 Workplace		
Module IV: Health and Disease Patterns	15	01
(In Environmental Context with special reference to India)		
4.1 Communicable diseases and their regional pattern – AIDS and Dengue		
4.2 Lifestyle related diseases and their regional pattern – Cancer and Diabetes		
4.3 Climate change and human health		
4.4 Food production and nutrition		

REFERENCES

1. Akhtar Rais (Ed.), 1990: Environment and Health Themes in Medical Geography, Ashish Publishing House, New Delhi.
2. Avon Joan L. and Jonathan A Patzed., 2001: Ecosystem Changes and Public Health, Baltimore, John Hopling Unit Press (ed).
3. Bradley, D., 1977: Water, Wastes and Health in Hot Climates, John Wiley Chichester.
4. Brown T., S. McLafferty, and G. Moon. 2009. *A companion to health and medical geography*. Chichester, UK: Wiley-Blackwell. DOI: [10.1002/9781444314762](https://doi.org/10.1002/9781444314762)
5. Christaler George and Hristopoulos Dionissios, 1998: Spatio Temporal Environment Health Modelling, Boston Kluwer Academic Press.
6. Cliff, A.D. and Peter, H., 1988: Atlas of Disease Distributions, Blackwell Publishers, Oxford.
7. [Emch](#), M., [Root](#), E.D., [Carrel](#), M., 2017, Health and Medical Geography, Fourth Edition Guilford Publications
8. Gatrell, A., and Loytonen, 1998: GIS and Health, Taylor and Francis Ltd, London.
9. Gatrell A., and S. Elliott. 2009. *Geographies of health*. Chichester, UK: Wiley-Blackwell.
10. Gesler, W., and W. Kearns. 2002. *Culture place and health*. Critical Geographies. London: Routledge.
11. Hardham T. and Tannav M., (eds): Urban Health in Developing Countries; Progress, Projects, Earthgoan, London.
12. Jones, K., and G. Moon. 1987. *Health disease and society*. London: Routledge.
13. Meade, M., and R. Earickson. 2000. *Medical geography*. New York: Guildford.
14. Murray, C. and A. Lopez, 1996: The Global Burden of Disease, Harvard University Press.
15. Moeller Dadewed., 1993: Environmental Health, Cambridge, Harvard University Press.
16. Phillips, D. and Verhasselt, Y., 1994: Health and Development, Routledge, London.
17. Shelar, S.K., 2012: Introduction to Medical Geography, Chandralok Pub., Kanpur.
18. Tromp, S., 1980: Biometeorology: The Impact of Weather and Climate on Humans and their Environment, Heydon and Son.

19. मस्कीडी भैसेएस ,(२०१४) आरोग्य भूगोल , अथर्व प्रकाशन

Websites:

e-PGPathshala: <https://epgp.inflibnet.ac.in/>

MOOCS - NPTEL: <https://nptel.ac.in/>

MOOCS - SWAYAM: <https://swayam.gov.in/>

National Digital Library of India: <https://ndl.iitkgp.ac.in/>

Shivaji University Library (E-Resources): <http://www.unishivaji.ac.in/library/E-Resources>

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A++' Grade

New Syllabus For

B. A. Part-III & B. A. B. Ed.

Geography (Practical)

(Fundamentals of Map Making and Map Interpretation)

NEP PATTERN

(Subject to the modifications to be made from time to time)

Syllabus to be implemented from June 2024 onwards

A) Ordinance and Regulations
(As applicable to degree)
B) Shivaji University, Kolhapur.
New Syllabus for
Bachelor of Arts and B. A. B. Ed.
Sem -VI
Paper XIII or Practical Paper -I

1. Title: Fundamentals of Map Making and Map Interpretation

Optional Subject under the Faculty of Science

2. Year of Implementation: New Syllabi will be implemented from June 2024 onwards.

3. Preamble:

Practical Work is the most important part of Geography. Map is an indispensable tool in Geographical Studies & Research activities. The present syllabus of this paper includes study of maps and their types, Map Projections, S.O.I. Topomaps, I.M.D. Weather Maps, and Cartographic Techniques. In the process of development of science and technology, the changing nature of subject of geography will make aware to the student about the map work and map interpretation. This will further help to improve the use of maps, cartographic techniques and methods in teaching-learning and research work.

4. General objectives of the Paper:

(As applicable to the – paper concerned)

- 1) To introduce the students with the importance of map making and map Interpretation.
- 2) To make the students to understand map, concept of scale and concept of projection.
- 3) To provide training in analysis of landforms.
- 4) To give basic information to the students about S.O.I. topomaps and I.M.D. weather maps.
- 5) To develop the skill of map Interpretation among the students.
- 6) To familiarize the students with the different cartographic techniques and methods used for representation of demographic and physio- socio-economic database.

5. COURSE OUTCOMES

1. In depth understanding the map, concept of scale and projection.
2. Detailed knowledge about the analysis of landforms and its identification.
3. The students are deeply aware about basic information to the students about S.O.I. topomaps and I.M.D. weather maps and obtained the skills about map interpretation.

4. The students are deeply familiar with different cartographic techniques and methods used for representation of demographic and physio- socio-economic database

6. Duration:

- The course shall be a full time course.
- The duration of course shall be of three years, as applicable to the respective degree.

7. Pattern:

Pattern of Examination will be **ANNUAL**.

8. Fee Structure:

As per Government / University rules.

9. Eligibility for Admission:

As per eligibility criteria prescribed for respective degree program and the merit in the qualifying examination, if any.

10. Medium of Instruction:

The medium of instruction shall be in English or Marathi. (As applicable to the course / programme concerned)

11. Structure of Course: Theory & Practical's

(Note – The structure & title of papers of the degree as a whole should be submitted at the time of submission / revision of first year syllabus.)

Third Year (Semester VI) Paper No. XIII

Sr. No.	Subjects/Papers	Theory	Practical	Total marks
1	Fundamentals of Map Making and Map Interpretation	-----	100	100

12. Scheme of Teaching and Examination:

(The Scheme of teaching and examination should be given as applicable to the course / paper concerned)

B. A. part –III

Sr. No.	Subjects/Papers	Theory				Examination scheme (Marks)		
		L	T	P	Total	Practical	Term Work	Total (Annual)
1	Fundamentals of Map Making and Map Interpretation	---	---	10	10	100	---	100

13. Scheme of Examination:

- The examination shall be conducted at the end of each academic year.
- The Practical paper shall carry 100 marks.
- The evaluation of the performance of the student in practical papers shall be on the basis of annual practical examination of 100 marks.
- Question Paper will be set in the view of the / in accordance with the entire syllabus and preferably covering each Module of syllabi.

14. Standard of Passing:

(As prescribed under rules & regulation for each degree / program)

15. Nature of Question Paper and Scheme of Marking:

(Module wise weightage of marks should also be mentioned)

16. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS

(For New Syllabus)

Sr. No.	Title of Old Paper	Title of New Paper
1	Fundamentals of Map Making and Map Interpretation Paper XIII (Practical Paper - I)	Fundamentals of Map Making and Map Interpretation Paper XIII (Practical Paper - I)

17. Special Instructions, If any.

New Syllabus for B. A. – III and B. A. B. Ed.

(Introduced from June 2024 Onwards)

New Syllabus for

B. A. Part III and B. A. B. Ed. Geography

Paper No. XIII (Practical Paper -I) Sem-V

Title of Paper: Fundamentals of Map Making and Map Interpretation

Module – I: Introduction to Map and Scales: Periods 50

Marks 15

1.1 Map

1.1.1 Map: Definition and Elements

1.1.2 Classification of Maps: Based on Scale and Purpose

1.2 Scale

1.2.1 Meaning and Definition,

1.2.2 Methods of Representation of scale - Verbal, Numerical and Graphical.

1.2.3 Scale Conversion

1.2.4 Construction of Graphical Scale –

i) Simple (Plane Scale)

ii) Time and Distance Scale

iii) Diagonal Scale

Module II: Map Projection

Periods 50

Marks 15

2.1 Definition, Classification of Projections:

a) Based on the methods of Construction: Perspective and Non-perspective

b) Based on Developable Surface used: Conical, Cylindrical, Zenithal,

Conventional.

c) Based on Position of Tangent Surfaces: Polar, Equatorial (normal), Oblique.

d) Based on Position of view point or light: Gnomonic, Stereographic,

Orthographic

e) Based on Preserved qualities: i) Equal area projection (Homolographic)

ii) Orthographic Projection

iii) Azimuthal Projection (True Bearing Projection)

2.2 Graphical Construction of the following Projections with Properties and Use:

- i) Zenithal Polar Gnomonic Projection
- ii) Zenithal Polar Equal Area Projection
- iii) Simple Conical Projection with one standard Parallel
- iv) Cylindrical Equal Area Projection
- v) Mercator's Projection and Reference to Universal Transverse Mercator (UTM) Projection

Module – III : Identification, Mapping of Slope, Relief Features and Profiles

Periods 50

Marks 15

3.1 Slope and Gradient

- 3.1.1 Types of Slope: Gentle, Steep, Even, Uneven, Convex, Concave, Terraced.
- 3.1.2 Expression of Slopes: a) Gradient b) Degree c) Per Cent d) Mills
- 3.1.2 Representation of Relief by Contours: Hill, Mountain, Ridge, Cliff, Saddle, Plateau, Knoll, Spur, Col or Pass, Volcanic Col or Crater, Gorge, 'V' Shaped Valley, Waterfall, 'U' Shaped Valley, Cirque, Hanging Valley, Ria Coast, Fiord Coast, Sea cliff.

3.2 Profiles

- 3.5.1 Superimposed Profile
- 3.5.2 Composite Profile
- 3.5.3 Projected Profile
- 3.5.4 Longitudinal Profile

Module – IV : Topographical Maps

Periods 50

Marks 15

- 4.1 Indexing of S.O.I. Topographical Map
- 4.2 Signs, Symbols and Colors used in SOI Toposheet
- 4.3 Interpretation of S.O.I.'s Topographical Maps
 - a) Marginal Information
 - b) Physical environment: Relief, Drainage and Vegetation
 - c) Cultural environment: Settlements, Transportation and Communication, Irrigation.
 - d) Land Use

Module V: Weather Instruments and IMD Maps

Periods 70

Marks 20

5.1 Study of weather Instruments with reference to Principle, Mechanism, and Function

- a) Thermograph
- b) Barograph
- c) Dry and Wet Bulb Thermometer
- d) Cup Anemometer
- e) Rain Gauge

5.2 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression

5.3 Signs and Symbols used in Indian Daily Weather Maps

5.4 Interpretation of Indian Daily Weather Maps

Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Condition, Temperature departure from normal

Module VI : Representation Techniques of Statistical Data

Periods 30

Marks 10

- a) Divided Rectangle
- b) Proportional Circle
- c) Proportional Square
- d) Choropleth Map
- e) Isopleths
- f) Scatter Plots

Module VII: Journal and Viva Voce

Marks 10

Note :

1. Use of stencils, log tables, computer and calculator is allowed.
2. Journal should be completed and duly certified by practical in-charge and Head of the Department.

Reference:

1. Bygoot, J: An Introduction to Mapwork and Practical Geography, University Tutorial, London 1964.
2. London 1964.

3. Khan MD. Zulfequar Ahmad : Text Book of Practical Geography, Concept Publishing Company, New Delhi, 1998
4. Mishra, R.P. and Ramesh A. : Fundamentals of Cartography, Concept Publishing Company, New Delhi, 2000
5. Monkhouse F.J. and Wilkison, H.R.: Maps and Diagrams, Mathuen. London, 1971.
6. Negi. , Dr. Balbir Singh : Practical Geography, Kedar Nath Ram Nath, Meerut, Delhi.
7. Raisz, E.: Principals of Cartography, McGraw Hill Book Com., Inc, New York, 1962.
8. Robinson, A.H. and Sale, S.D.: Elements of Cartography, John Witey and Sons, Inc, New York, 1969.
9. Saha, Pijushkanti and Basu Partha : Advanced Practical Geography – A Laboratory Manual Books and Allied (P) Ltd, Kolkata. 2010.
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11. Singh, Gopal : Map work and Practical Geography Vikas Publishing House Pvt. Ltd. New Delhi, 1996.
12. Singh, R and Kanaujia, L.R.S.: Map Work and Practical Geography, Central Book Depot, Allahabad.
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14. Aher A. B., Chodhari A. P. & Bharambe S. N. Techniques of Spatial Analysis Prashant Publication Jalgaon 2015
15. Maurice Yeats, An Introduction to Quantitative Analysis in Human Geography, McGraw Hill, New York, 1974.
16. P. Saha and P. Basu (2006): Advanced Practical Geography, Books and Allied Publication, Kolkata, India.
17. Khullar, Essentials of Practical Geography, New Academic Publishing Co, India.
18. Singh L R (2011): Fundamentals of Practical Geography
19. Robinson Rep. (2010): Elements of Cartography 6/e
20. Khan Za (1998): Text Book of Practical Geography
२१. कुंभार अर्जुन - प्रात्यक्षिक भूगोल ,

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A++' Grade

New Syllabus For

**B. A. Part-III & B. A. B. Ed.
Sem VI**

Geography (Practical)
(Advanced Tools, Techniques & Field Work in Geography)

NEP PATTERN

(Subject to the modifications to be made from time to time)
Syllabus to be implemented from June 2024 onwards

**A) Ordinance and Regulations
(As applicable to degree)
B) Shivaji University, Kolhapur.
New Syllabus for
Bachelor of Arts and B. A. B. Ed.
Sem-VI
Paper XIV (Practical Paper -II)
Syllabus to be implemented from June 2024 onwards**

1. Title: Advanced Tools, Techniques & Field Work in Geography

Optional Subject under the Faculty of Science

2. Year of Implementation: New Syllabi will be implemented from June 2024 onwards.

3. Preamble:

Modern science & technology have gained momentum. The last couple of Decades have witnessed a sudden expansion of knowledge. In the process of development of science and technology, the changing nature of subject of Geography will make aware to the students about the advanced techniques such as Remote Sensing, GIS, and GPS. The application of computers has revolutionized the use of methods & techniques. The present syllabus of this paper includes study of Aerial Photographs, Remote Sensing, GIS, Application of Computer and use of field work in Geography. This will further help to improve the use of advanced techniques and methods in teaching-learning and research work.

1. neral objectives of the Paper:

- 1) introduce the students with the importance of field work and advanced Techniques in Geography.
- 2) provide training in application of modern tool and techniques in Geography.
- 3) enable the students to understand the use of computer for analysis of Geographical data.
- 4) enhance the skill of the students in instrumental survey.
- 5) give basic information to the students about Arial Photographs, Remote Sensing, GIS and GPS.

6. COURSE OUTCOMES

5. In depth understanding the importance of field work and advanced Techniques in Geography.
6. The students are trained to implement modern tool and techniques in Geography.
7. Detailed knowledge about the use of computer for analysis of Geographical data.
8. The students are deeply aware about the basics and trained in instrumental survey.

9. The students are deeply familiar with computer, GIS, GPS and Remote Sensing.

6. Duration:

- The course shall be a full time course.
- The duration of course shall be of three years, as applicable to the respective degree.

7. Pattern:

Pattern of Examination will be **ANNUAL**.

8. Fee Structure:

As per Government / University rules.

9. Eligibility for Admission:

As per eligibility criteria prescribed for respective degree program and the merit in the qualifying examination, if any.

10. Medium of Instruction:

The medium of instruction shall be in English or Marathi. (As applicable to the course / programme concerned)

11. Structure of Course: Theory & Practical's

(Note – The structure & title of papers of the degree as a whole should be submitted at the time of submission / revision of first year syllabus.)

Third Year (Semester VI) Paper No. XIV

Sr. No.	Subjects/Papers	Theory	Practical	Total marks
1	Advanced Tools, Techniques & Field Work in Geography	-----	100	100

12. Scheme of Teaching and Examination:

(The Scheme of teaching and examination should be given as applicable to the course / paper concerned)

B. A. part –III

Sr. No.	Subjects/Papers	Theory				Examination scheme (Marks)		
		L	T	P	Total	Practical	Term Work	Total (Annual)
1	Advanced Tools, Techniques & Field Work in Geography	---	---	10	10	100	---	100

13. Scheme of Examination:

- The examination shall be conducted at the end of each academic year.
- The Practical paper shall carry 100 marks.

- The evaluation of the performance of the student in practical papers shall be on the basis of annual practical examination of 100 marks.
- Question Paper will be set in the view of the / in accordance with the entire syllabus and preferably covering each Module of syllabi.

14. Standard of Passing:

(As prescribed under rules & regulation for each degree / program)

15. Nature of Question Paper and Scheme of Marking:

(Module wise weightage of marks should also be mentioned)

16. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS

(For New Syllabus)

Sr. No.	Title of Old Paper	Title of New Paper
1	Advanced Tools, Techniques & Field Work in Geography	Advanced Tools, Techniques & Field Work in Geography Paper XIV (Practical paper -II)

17. Special Instructions, If any.

New Syllabus for B. A. – III and B. A. B. Ed.

(Introduced from June 2024 Onwards)

New Syllabus for

B. A. (Part III) Geography

Paper No. XIV (Practical Paper -II)

**(ii) Title of Paper - Advanced Tools, Techniques & Field Work in
Geography(100 Marks)**

Module-I: Introduction to Computer

Lectures- 50

Marks-10

1.1 : Introduction to Computer

1.2 : Application of computer in geography

1.2.1 : Construction of Line Graphs, Bar Graphs

1.2.2 : Construction of Pie Diagram and Scatter Diagram

1.3: Application of Excel for Data Analysis

Module-II: Remote Sensing

Lectures- 50

Marks-15

2.1 Definition of Remote Sensing

2.2 Fundamentals of Remote Sensing: EMR, Sensors and Platforms

2.3 Application of Remote Sensing in Geography

2.4 Aerial photographs and Satellite imagery: Definition, types and difference
between them

2.5 Determination of Photo Scale

2.6 Elements of image interpretation

2.7 Identification of Physical and cultural features from Aerial Photographs or
Satellite Imagery

Module-III: GIS and GNSS

Lectures- 50

Marks-15

3.1 Geographical Information System (GIS)

3.1.1 Definition and components

3.1.2 GIS Data Structure: Types (spatial and non-spatial), Raster and Vector data

3.1.3 Georeferencing, Digitization, Map Layout Preparation

3.1.4 Application of GIS in Geography: Land use or Land Cover, Urban Sprawl Analysis, Forests Monitoring

3.2 Global Navigation Satellite System

3.2.1 Definition and components

3.2.2: GPS and its applications in Geography

3.2.3 Field work in GPS: Determining latitude, longitude and altitude

3.3: Exercise with Google earth Program.

Module-IV: Statistical methods and techniques

Lectures- 60

Marks-10

4.1 Measures of Central Tendency: Mean, Median and Mode

4.2 Dispersion: Mean Deviation and Standard Deviation

4.3 Association and Correlation: Karl Pearson's Method (Product Moment)

4.4 Analysis of Time Series: Semi-average Method

Module-V: Surveying

Lectures- 60

Marks-15

5.1 Introduction to Survey: Meaning and types

5.2 Preparation of plans of the given area with the following survey method

(Any one methods among them)

A- Plane Table survey (Radial, Intersection, and Traverse method)

B- Dumpy Level survey

C- Theodolite survey

D- Total Station

E- Abony Level Survey

f- Introduction to DGPS

5.3 Preparation of plans Prismatic compass survey (Radical, Intersection and Traverse method)

5.3.1 Types and conversion of bearings.

5.3.2 Correction of bearing.

Module-VI: Project work based on field work any one of following:

Marks-15

Resource survey, Population survey, Agricultural survey, Settlement Survey,

Environmental issues, Industrial visit, Health survey, Natural Hazard or Disaster

1. Project Report must be content of following points:

- Introduction – Aims – Objectives - Review of the literature - Data collection –
Methodology - Data Analysis – Interpretation - Findings – Suggestions - Bibliography
2. The duration of the field work should not exceed than 20 days.
 4. The word count of the report should be about 8000 to 12,000 excluding figures, tables, photographs, maps, references and appendices.
 5. One copy per student of the report as per research standard should be submitted at the time of examination.

Module- VII: Study Tour

Marks-10

Maximum 15 days of Study Tour and preparation of Tour Report.

The Study Tour Report must be content of following points:

Introduction – Necessity – Importance - Route map – Objectives – Methodology -
Geographical Profile (Natural, Socio-economic and Cultural) - Geographical importance of
visited tourist places – Conclusion – References

Journal and Viva Voce

Marks 10

Note :

1. Use of stencils, log tables, computer and calculator is allowed.
2. Journal should be completed and duly certified by practical in-charge and Head of the Department.

Reference:

21. Lo C. P., Albert K. W. Yeung, (2011): Concepts and Techniques of Geographic Information Systems, PHI Learning Private Limited, New Delhi-110001.
22. Bygoot, J: An Introduction to Mapwork and Practical Geography, University Tutorial, London 1964.
23. London 1964.
24. Khan MD. Zulfequar Ahmad : Text Book of Practical Geography, Concept Publishing Company, New Delhi, 1998
25. Mishra, R.P. and Ramesh A. : Fundamentals of Cartography, Concept Publishing Company, New Delhi, 2000
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