Estd. 1962
"A++" Accredited by NAAC (2021)
With CGPA 3.52

SHIVAJI UNIVERSITY, KOLHAPUR - 416 004, MAHARASHTRA

PHONE : EPABX – 2609000, www.unishivaji.ac.in, bos@unishivaji.ac.in

शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४, महाराष्ट्र

दूरध्वनी - ईपीएबीएक्स - २६०९०००, अभ्यासमंडळे विभाग – ०२३१—२६०९०९४

Ref. No./SU/BOS/Humanities/541 Date :19/07/2023

To,

The Principal,
All Concerenced Affiliated Colleges/Institutions,
Shivaji University, Kolhapur

Subject : Regarding syllabi of B. A. Part II (sem. III & IV) degree programme under the Faculty of Humanities as per National Education Policy, 2020 (NEP)

Sir/Madam,

With reference to the subject mentioned above I am directed to inform you that the University authorities have accepted and granted approval to the revised syllabi, equivalence and nature of question paper of B. A. Part II (Sem. III & IV) under the Faculty of Humanities as per National Education Policy, 2020. (NEP)

English (Comp.)	English (Opt.)	Linguistics (I.D.S.)	Sanskrit	Kannada
Business Administration	Marathi	Ardhamagadhi	Hindi	Urdu
S.P. & Comm. Corresp.	Sociology	Political Science	Psychology	Economics
Industrial Psychology	Geography	Human Development	Philosophy	History
Defence Study (Entire)				

This syllabi shall be implemented from the academic year 2023-24 onwards . A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in (Online Syllabus).

For students of Distance Education this syllabi be implemented from the academic yerar 2023-24.

You are therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours faithfully

Encl : As above

(Dr. S. M. Kubal)
Dy. Registrar

Copy to, For Information and necessary action.

Dean, Faculty of Humanities.	Computer Center/I. T. Cell.
Chairman, B.O.S./Ad-hoc oard under faculty of Humanities.	Eligibility Section.
Director, Board of Examinations & Evaluation	P. G. Seminar Section.
Appointment Section A & B	Distance Education Section.
B. A. Exam. Section.	Affiliation Section (T. 1 & T 2)
P. G. Admission Section.	

SHIVAJI UNIVERSITY, KOLHAPUR.

B.A. and B.A. B.Ed (Integrated) Part- II

Geography

NATIONAL EDUCATION POLICY (NEP-2020)

SYLLABUS WITH EFFECT FROM JULY 2023

Shivaji University, Kolhapur

PROGRAM /COURSE STRUCTURE and SYLLABUS

as per the Choice Based Credit System (CBCS) designed in accordance with

Learning Outcomes-Based Curriculum Framework (LOCF)

of National Education Policy (NEP) 2020

for B.A. / B. A. B. Ed. IISemester III Geography Degree (Basic/Honors)

w.e.f. June, 2023 onwards.

A] **Ordinance and Regulations:-**

(As applicable to degree/program)

B] **Shivaji University, Kolhapur**

New/Revised Syllabus forBachelor of -Arts.

1. TITLE: SOIL GEOGRAPHY **Code:** DSC D19

Number of Theory Credits	Number of lecture hours/ semester	Number of Theory Periods per week
04	60	04

2. YEAR OF IMPLEMENTATION: New/Revised Syllabi will be implemented from July, 2023 onwards.

3. PREAMBLE

Soil Geography is subfield of physical geography that focuses on understanding the physical and chemical properties of soil, including its texture, structure, organic matter, and nutrient content, and the relationships between these properties. The subject has been introduced to B. A. Part-II is crucial in various disciplines such as agriculture, ecology, land use planning and environmental management, where understanding the spatial and temporal variability of soil properties is essential for sustainable land use and management. Soil Geography addresses challenges such as soil erosion, soil degradation, and soil pollution, and promotes the conservation and sustainable use of soil resources. Overall, studying Soil Geography helps us comprehend the importance of soil in supporting life and the need to manage and conserve soil resources.

4. GENERAL OBJECTIVES OF THE COURSE

1. To familiarize the students with 'Soil Geography as branch of Physical Geography', including its definition, nature, scope, history, and significance.
2. Enable students to comprehend the factors that influence soil formation.

3. Equip students with knowledge of the physical and chemical properties of soils, such as morphology, texture, structure, water, air, temperature, PH, organic matter, and NPK.
4. Enable students to understand the genetic classification of soils and the distribution of major soils in Maharashtra.
5. Help students to understand soil degradation, its causes, consequences and measures to prevent it.
6. Provide students with practical knowledge of soil profile, soil sample tools, pH analysis.

5. COURSE OUTCOMES

CO1: Relating to Knowledge

I. By the end of the course, students will be able to demonstrate knowledge of the definition, nature, and scope of Soil Geography, as well as its history and pedology.
II. Students will be able to explain the significance of Soil Geography in various fields, including agriculture, ecology, land use planning, and environmental management.
III. Students will have a thorough understanding of the factors that influence soil formation and the physical and chemical properties of soils.

CO2: Understanding and application

I. Students will be able to comprehend the Jenny's Factorial Model of Soil Formation and the process of soil formation.
II. Students will be able to apply the knowledge of physical and chemical properties of soils in real-world scenarios, such as soil management and conservation.
III. Students will be able to identify and classify soils based on their genetic characteristics and distribution.

CO3: Students Skills

I. By the end of the course, students will have developed practical skills related to soil profile and soil sample tools.
II. Students will have gained practical knowledge of pH and NPK soil analysis.
III. Students will be able to use GIS for studying soil ecology and planning.
IV. Student will start up soil test laboratory.

CO4: Students Evaluation

I. Students will be evaluated through written assignments, group activity and practical exams to demonstrate their understanding of Soil Geography.

II. Students will be evaluated based on their ability to apply their knowledge of soil properties, classifications, and degradation in practical scenarios.

III. Students will be evaluated on their practical skills related to soil profile, soil sample tools, soil analysis.

6. DURATION

The duration of the B.A./B.Sc. Geography Program shall extend over 6/8 semesters (three/four academic years) of 16 weeks or more, each with a maximum of 90 actual working days of instruction in each semester.

7. 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. Tuition Fee & Laboratory Fee, if any.)

9. 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.

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 (40 + 10)

(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 THIRD

Paper No. III	Title Marks
D 19 (DSC), Soil Geography	50

12. SCHEME OF TEACHING

The scheme of teaching and examination should be given as applicable to the course / paper concerned(Lecture Method, Demonstration Method, Experimental Method, Group Activity Method, Field visit and collection of samples, Observation Method, etc.)

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

13. 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 Theory paper shall carry internal 10 marks for 'Group Activity'.
- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 50 marks.

14. STANDARD OF PASSING:

As per Prescribed rules and regulation for each degree / programme. Separate passing marks required in examinations. The minimum 14 out of 40 marks required in University examination and internal (Group Activity) 04 out of 10 marks.

15. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

Continuous Evaluation Methods (40 Marks):

Q. 1: Multiple Choose Question (05)

Q. 2: Write short notes (any three) (15)

Q. 3: Write detail answers (10)

A or B

Q. 4: Write detail answers (10)

A or B

Internal Evaluation 10 Mark

B.A. Part-II, Semester-III - 'Group Activity'.

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

Sr. No.	Title of Old Paper	Old paper No.	Title of New Course/paper	New Course/Paper No.
1	Soil Geography	III	Soil Geography	D 19

17. SPECIAL INSTRUCTIONS, IF ANY:

1. Field visit is necessary for module 5 to draw a soil profile.
2. The practical of module 5 is must be on the basis soil meter and NPK soil test kit.

NEW/REVISED SYLLABUS FOR

B. A.Part-II / B. A. B. Ed.

(Introduced from June, 2023 onwards)

DSC – D 19 (Course / Paper No. III)

Geography (Soil Geography)

Semester -III

Module	**Teaching Hours**	**Credits**
Module I: Basics of Soil Geography	10	0.75
1.1 Definition, Nature and Scope of Soil Geography		
1.2History of Soil Geography and Pedology		
1.3 Significance of Soil Geography		
Module II: Soils: Formation and Properties	16	01
2.1 Jenny's Factorial Model of Soil Formation: Parent Material, Biotic, Climatic, Relief and Time factor.		
2.2 Process of Soil Formation: Physical, Biotic and Chemical.		
2.3 Physical Properties of Soils: Morphology, Texture, Structure, Water, Air and Temperature.		
2.4Chemical Properties of Soils: pH, Organic Matter, NPK (Nitrogen, Phosphorous and Potassium).		
Module III: Soils: Classifications and Distribution	16	01
3.1 Genetic Classification of Soils		
3.2 Soil Characteristics and Major Soils Distribution in Maharashtra		
3.3 Soil Degradation: Concept, Causes, Consequences and Measures		
Module IV: Soil Analysis	12	01
4.1 Soil Profile		
4.2 Soil Sample: Tools		
4.3 Soil Analysis: Saline and Alkaline		
4.4 Vermicomposting Process		
Module V: Practical	06	0.25
5.1 Draw Soil Profile of local area		
5.2 Calculate soil properties with soil meter: pH, light, moisture		

5.3 Calculate NPK soil properties of local area.

REFERENCES

1. Backman, H.O and Brady, N.C.(1960.)The Nature and Properties of Soils, Mc Millan NewYork.
2. Bennet, Hugh H.: Soil Conservation, McGraw Hill, New York .
3. Bunting, B.T.(1973) The Geography of Soils, Hutchinson, London.
4. Chairas, D. D., Reganold, J. P., and Owen, O. S., (2002): National Resource Conservation and Management for a Sustainable Feture, 8th edition, Prentice Hall, Englewood Cliffs.
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6. Daji, J. A., (1970): A Text Book of Soil Science, Asia Publishing House, Londaon.
7. Foth H.D. and Turk, L.M.(9172) Fundamentals of Soil science, John Wiley, New York. 8. GovindaRajan, S.V. and Gopala Rao, H.G.(9178) Studies on Soils of India Vikas, New Delhi.
9. MathurNeeru, (2012): Soils, Rajat Publications, New Delhi-02 (India).
10. Mc. Bride, M.B.(1999)Environmental Chemistry of Soils, Oxford University Press, New York. 11. Morgan, R. P. C., (1995): Soil Erosion and Conservation, 2nd edition, Longman, London.
12. Nye, P.H. and Greene, D.J.(1960)The Soil under Shifting Cultivation Commonwealth Bureau of Soil Science, Technical Communication, No. 51; Harpender, England.
13. Plaster, E. J., (2009): Soil Science and Management, Cengage Learning, Boston.
14. Raychoudhuri, S.P., (1958): Soils of India, ICAR, New Delhi.
15. Russell, Sir Edward J.:(1961) Soil Conditions and Plant Growth, Wiley, New York.
16. Sarkar, D., (2003): Fundamentals and Applications of Pedology, Kalyani Publishers, New Delhi.
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SHIVAJI UNIVERSITY, KOLHAPUR.

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Revised Syllabus For

B. A. Part-II

Geography Paper-IV

CBCS PATTERN

Syllabus to be implemented from

NEP - 2020 PATTERN

June, 2023 onwards.

Shivaji University, Kolhapur

PROGRAM /COURSE STRUCTURE and SYLLABUS

as per the Choice Based Credit System (CBCS) designed in accordance with

Learning Outcomes-Based Curriculum Framework (LOCF)

of National Education Policy (NEP) 2020

for B. A. / B. A. B. Ed. Semester III Geography Degree (Basic/Honors)

w.e.f. June, 2023 onwards.

A] **Ordinance and Regulations: -**

(As applicable to degree/program)

B] **Shivaji University, Kolhapur**

New/Revised Syllabus for **Bachelor of -Arts.**

1. TITLE: RESOURCE GEOGRAPHY Code: DSE 20

Number of Theory Credits	Number of lecture hours/ semester	Number of Theory Periods per week
04	60	04

2. **YEAR OF IMPLEMENTATION**: New/Revised Syllabi will be implemented from June, 2023onwards.

3. PREAMBLE: -

Resource Geography is a major developing branch of Economic Geography. All countries in the world should try to make overall development with sustainable utilization of resources. Since, the growing population exerts its pressure on present resources which generates various problems in front of countryside. The present syllabus of this paper helps to inculcate moral values and environmental sustainability of resources. It also includes major resources such as water, forest, energy and human resources with its distribution, utilization and problems at world level and with special reference India.

This paper (Resource Geography) will be helpful to the students of B. A. part-II to think over the problems of resources for their and next generations future.

4. GENERAL OBJECTIVES OF THE COURSE:

1. To familiarize the students with 'Resource Geography' as a branch of Economic Geography, by understanding its definitions, scope.
2. To make students understand the concept and classification of Resources.
3. Enable students to comprehend the worldwide major resources(water, forest, energy and human) with their distribution, utilization and problems.
4. To make students learn the major resources and its management in India (water, forest, energy and human) with their distribution, utilization and problems.
5. Equip students with knowledge of the Sustainable Natural and Human Resource Development and its management at national as well as international level.
6. The course also aims to familiarize the students with cartographic techniques.

5. COURSE OUTCOMES

CO1: Relating to Knowledge

II. By the end of the course, students will be able to demonstrate knowledge of the definition, nature, and scope of Resource Geography.

III. Students will be able to explain the significance of Resource Geography in various fields, including agriculture, industry, transportation, and environmental management.

IV. Students will have a thorough understanding aboutthe distribution, utilization and problemsof worldwide major resources.

CO2: Understanding and application

III. Students will be able to comprehendthe sustainable resource development

IV. Students will be able to apply the knowledge of resource geography in real-world scenarios, such as management and conservation of resources.

V. Students will be able to the classify of resources based on their characteristics and their worldwide distribution.

VI. By the end of the course, Students will have gained knowledge of worldwide resource availability, its problems like scarcity, pollution etc. and will be able to imply measures to overcome these problems.

CO3: Students Skills

II. Students will be able to understand for the need of sustainable resource development and skills of resource management.

III. Student will be able to develop the cartographic skills.

CO4: Students Evaluation

II. Students will be evaluated through written assignments, group activity and practical exams to demonstrate their understanding of Resource Geography.

III. Students will be evaluated based on their ability to apply their knowledge of problems of resource availability, its management and sustainable resource development in practical scenarios.

IV. Students will be evaluated on their practical skills related to cartographic skills.

6. DURATION:

The duration of the B.A./B.Sc. Geography Program shall extend over 6/8 semesters (three/four academic years) of 16 weeks or more, each with a maximum of 90 actual working days of instruction in each semester

7. 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 toBOS office. (i. e. Tuition Fee & Laboratory Fee, if any.]

9. 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.

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 (40 + 10)

(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 THIRD

Paper No. IV	Title	Marks
DSC – D 20	Resource Geography	50

12. SCHEME OF TEACHING:

The scheme of teaching and examination should be given as applicable to the course / paper concerned (Lecture Method, Demonstration Method, Experimental Method, Group Activity Method, Field visit and collection of samples, Observation Method, etc.)

Sr. No.	Subject/Papers	Teaching Scheme Per Week				**Examination Scheme Sr. (Marks)**		
		L	T	P	Total	Theory	Practical	Total
1	Resource Geography	04	04	-	04	50	-	50

13. 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 Theory paper shall carry internal 10 marks for 'Group Activity'.
- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 50 marks.

14. STANDARD OF PASSING:

As per Prescribed rules and regulation for each degree / Programme. Separate passing marks required in examinations. The minimum 14 out of 40 marks required in University examination and internal (Group Activity) 04 out of 10 marks.

15. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

Continuous Evaluation Methods (40 Marks):

Q. 1: Multiple Choose Question (05)
Q. 2: Write short notes (any three) (15)
Q. 3: Write detail answers (10)
A or B
Q. 4: Write detail answers (10)
A or B

Internal Evaluation 10 Mark

B. A. Part-II, Semester-III - 'Group Activity'

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

Sr. No.	Title of Old Paper	Old paper No.	Title of New Course/paper	New Course/Paper No.
1	Resource Geography	IV	Resource Geography	DSC – D 20

17. SPECIAL INSTRUCTIONS, IF ANY –

Field visit is necessary for conducting resource survey of local area.

NEW/REVISED SYLLABUS FOR

B. A.Part-II / B. A. B. Ed.

(Introduced from June, 2023 onwards)

DSC – D 20 (Paper No. IV)

Geography (Resource Geography)

Semester – III

Module	Teaching Hours	Credits
Module I: Introduction to Resource Geography	**10 Lectures**	**0.75**
1.1 Definition and Scope of Resource Geography		
1.2 Resource: Concept and Classification		
1.3 Importance of Resource Geography		
Module II: Major Resources	**15 Lectures**	**01**
2.1 Water Resources: Distribution, Utilization and Problems		
2.2 Forest Resources: Distribution, Utilization and Problems		
2.3 Energy Resources: Distribution, Utilization and Problems		
2.4 Human Resources: Distribution, Utilization and Problems		
Module III: Sustainable Resource Development	**15 Lectures**	**01**
3.1 Concept of Sustainable Resource Development		
3.2 Sustainable Natural Resource Development: Water, Forest and Energy		
3.3 Sustainable Human Resource Development		
Module IV:Sustainable Resource Development in India	**12 Lectures**	**01**
4.1 Need of Sustainable Resource Development in India		
4.2 Management for Sustainable Natural Resource Development: Water, Forest and Energy		
4.3 Management for Sustainable Human Resource Development		
Module V: Practical (Theory Only)	**08 Lectures**	**0.25**
4.1 Proportional Circle		
4.2 Choropleth Map		

4.3 Dot Map

4.4 Isopleth Map

References :

1. Cutter S. N., Renwich H. L., and Renwick W., (1991): Exploitation, Coservation, Preservation: A Geographical Perspective on Natural Resources Use, John Wiley and Sons, New York.
2. Gadgil M. and Guha R., (2005): The use and Abuse of Nature: Incorporating This Fissured Land: An Ecological History of India and Ecology and Equity, Oxford University Press, USA.
3. Holechek J. L. C., Richard A., Fisher J. T. and Valdez R., (2003): Natural Resources: Ecology, Economics and Policy, Prentice Hall, New Jersey.
4. Jones G. and Hollier G., (1997): Resources, Society and Environmental Management, Paul Chapman, London.
5. Klee G., (1991): Conservation of Natural Resources, Prentice Hall, Englewood.
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8. Owen S. and Owen P. L., (1991): Environment, Resources and Conservation, Cambridge University Press, New York.
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12. Chiras, D.D., Reganold, J.P. 2009. Natural Resource Conservation: Management for a Sustainable Future, 10th ed, Pearson.
13. Gregory, D., Johnston, R., Pratt, G., Watts, M., Whatmore, S. (Eds) 2009. The Dictionary of Human Geography, 5th ed, Wiley.
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SHIVAJI UNIVERSITY, KOLHAPUR.

Accredited By NAAC with 'A' Grade

Revised Syllabus For

B. A. Part-II

Geography Course / Paper-V

CBCS PATTERN

Syllabus to be implemented from

NEP - 2020 PATTERN

June, 2023 onwards.

Shivaji University, Kolhapur

PROGRAM /COURSE STRUCTURE and SYLLABUS

as per the Choice Based Credit System (CBCS) designed in accordance with Learning Outcomes-Based Curriculum Framework (LOCF) of National Education Policy (NEP) 2020

for B. A. / B. A. B. Ed. Semester III Geography Degree (Basic/Honors)

w.e.f. June, 2023 onwards.

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

B**] Shivaji University, Kolhapur**

New/Revised Syllabus For **Bachelor of—Arts**.

1. TITLE: Subject – OCEANOGRAPHY Code: DSE 47

Number of Theory Credits	Number of lecture hours/ semester	Number of Theory Periods per week
04	60	04

2. YEAR OF IMPLEMENTATION: -

New/Revised Syllabi will be implemented from June 2023 onwards.

3. PREAMBLE: -

Oceanography is the most important branch of Physical Geography has been introduced to B.A. Part II. The subject focused on 71% part of earth surface, covered by the ocean and sea. Ocean is reservoir of resources that fulfils the need of living beings. Marine is the key resource for the development of any country. Keeping in this in mind, this course the fundamental concepts and knowledge of oceanography have been included. The present syllabus of this course includes definition nature, scope, history and significance of Oceanography and its relevance to the earth and atmospheric sciences; properties and dynamics of oceanic water, Oceanic currents and their influence and applied oceanography.

4. GENERAL OBJECTIVES OF THE COURSE/ PAPER

i) Students should know Oceanography is a fundamental branch of Physical Geography.

ii) Students will understand the basic and fundamental concepts of oceanography.

iii) Students should know about the physical and chemical properties of oceans.

iv) Students should know the types of oceanic currents

v) Students should know the ocean as food storages as well as storehouse of resources for the future.

vi) With this study of man and ocean students know the impact of man on oceans.

vii) With this study, students will understand marine is key resource for the development of any country.

viii) Students should know hypsographic curve, wind rose, isohaline and isotherms.

5. COURSE OUTCOMES

CO1. Relating to Knowledge:

I. Students will define the nature and scope of oceanography and its connection to physical sciences.

II. Students will identify branches of oceanography and their areas of focus.

III. Students will describe the factors affecting oceanic temperature, salinity, and distribution.

IV. Students will recognize the types of oceanic currents and their origins in different oceans.

V. Students will understand the sources, classification, and significance of oceanic deposits.

VI. Students will explain the role of the ocean as a source of food and potential future resources.

CO2. Understanding and Application:

I. Students will apply knowledge of oceanographic principles to illustrate the maps of ocean and NOAA CDR/ NESDIS sea surface temperature, Annual mean of the sea surface salinity distribution.

II. Students will apply knowledge of causes, effects of ocean pollution and propose solutions.

III. Students will utilize scientific reasoning to understand the relationships between ocean water properties and climate change.

IV. Students will be able to distinguish the various marine movements.

V. Students will apply theoretical knowledge to practical exercises, such as interpreting hypsographic curves, wind roses, isohalines, and isotherms.

CO3. Student Skills:

I. Develop critical thinking skills through the analysis and evaluation of oceanographic concepts.

II. Enhance problem-solving abilities by applying oceanographic principles to real-world situations and to demonstrate the ocean currents.

III. Develop effective communication skills through oral and written presentations of oceanographic topics.

CO4. Student Evaluation:

I. Assess student knowledge and understanding through quizzes, exams, and assignments.

II. Assess the development of critical thinking and problem-solving skills through case studies.

III. Evaluate the effectiveness of student communication skills through oral examination.

6. DURATION

The duration of the B.A./B.Sc. Geography Program shall extend over 6/8 semesters (three/four academic years) of 16 weeks or more, each with a maximum of 90 actual working days of instruction in each semester.

7. 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 program and the merit in the qualifying (i.e. Entrance Examination) 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= 50 MARKS (40+10)

(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 FORTH

Paper No. V	Title Marks
D 47 (DSC), Oceanography	50

12. SCHEME OF TEACHING AND EXAMINATION:-

The scheme of teaching and examination should be given as applicable to the course / paper concerned (Lecture Method, Demonstration Method, Experimental Method, Group Activity Method, Field visit and collection of samples, Observation Method, etc.)

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

13. 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 Theory paper shall carry internal 10 marks for 'Case study / Oral Examination'.
- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 50 marks.

14. STANDARD OF PASSING:-

As per Prescribed rules and regulation for each degree / programme. Separate passing marks required in examinations. The minimum 14 out of 40 marks required in University examination and internal (Group Activity) 04 out of 10 marks.

15. NATURE OF QUESTION PAPER

Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

Continuous Evaluation Methods (40 Marks):

Q. 1: Multiple Choose Question (05)

Q. 2: Write short notes (any three) (15)

Q. 3: Write detail answers (10)

A or B

Q. 4: Write detail answers (10)

A or B

Internal Evaluation 10 Mark

B.A.-II Semester-IV – Case Study/ Oral examination

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

Sr. No.	Title of Old paper	Old Paper No.	Title of New Paper	New Paper No.
1.	Oceanography	V	Oceanography	V

17. SPECIAL INSTRUCTIONS, IF ANY:

1. Field visit is necessary for performing case study of coastal area.
2. The practical of Isohalines and Isotherms in module 5 is must be carried out with NOAA data.

NEW/REVISED SYLLABUS FOR

B. A. Part-II / B. A. B. Ed.

(Introduced from June, 2023 onwards)

DSC – D 47 (Course / Paper No. IV)

Geography (Oceanography)

Semester –IV

Module	Teaching Hours	Credit
Module I : Introduction to Oceanography	**12**	**0.75**
1.1 Definition, Nature and Scope of Oceanography		
1.2 Oceanography and Physical Sciences		
1.3 Branches of Oceanography		
1.4 Significance of Oceanography		
Module II: Properties and Dynamics of Ocean	**15**	**01**
2.1 Oceanic Temperature: Factors affecting on ocean temperature and Distribution of oceanic temperature		
2.2 Salinity of Ocean: Factors affecting on Oceanic salinity and Horizontal distribution of oceanic salinity		
2.3 Oceanic Currents: Types of Oceanic currents, Responsible factors for Origin of ocean currents and Ocean currents of the Pacific, Atlantic and Indian Ocean		
Module III: Applied Oceanography	**13**	**01**
3.1 Ocean or Marine deposits: Sources and Classification		
3.2 Ocean Resources – Biotic- Mineral and Energy Resources		
3.3 Ocean as sources of food and as storehouse of resources for the future		
Module IV: Man and Oceans	**12**	**01**
4.1 Manipulation of costal process		
4.2 Ocean Pollution – Causes, Effects and Measures		
4.3 Overfishing and fishery management		
Module V: Practical's (Theory Only)	**08**	**0.25**

5.1 Hypsographic Curve

5.2 Wind rose

5.3 Isohalines

5.4 Isotherms

References:

1. Anikouchine, W.A. and Sternberg, R.W. (1973)The World Oceans - An Introduction to Oceanography, Englewood Cliffs, N.J.
2. Grald, S. (1980) General Oceanography - An Introduction, John Wiley & Sons, New York.
3. Garrison, T.(1998) Oceanography. Wadsworth.com. USA .
4. King, C.A.M.(1972) Beaches and Coasts, E. Arnold, London.
5. King, C.A.M(1975) Oceanography for Geographers E. Arnold, London .
6. Sharma, R.C. Vatel M. (1986)Oceanography for Geographers, Chetnya Publishing House,Allahabad.
7. Shepard, F.P.(1948) Submarine Geology, Harper & Sons, New York.
8. Thurman, H.B.(1984) Introductory Oceanography, Charles Webber E. Merril Publishing Co.
9. Weisberg, J. and Howard(1976) Introductory Oceanography, McGraw-Hill Book Co., NewYork.
10. Davis.Richard J.A.(1986) "Oceanography - An Introduction to the Marine Environment".Wm. C. Brown lowa.
11. Duxbury, C.A and Duxbury B.(1996) An Introduction to the world's Oceans - C.Brown. Iowa ,2nd ed.
12. Garrison, T.(2001) "Oceanography - An Introduction to Marine Science, Books/Cole, Pacific Grove, USA.
13. Gross, M.Gran (1987) Oceanography: A View of the Earth , Prantice - Hall Inc. New Jersy.
14. Sharma, R.C.(1985) " The Oceans " Rajesh N.Delhi.
15. Ummerkutty, A.N.P.(1985) Science of the Oceans and Human life, NBT, New Delhi .
16. Denny, M.(200) How the Ocean works : An introduction to Oceanography, Princeton University Press, New Jersey

17 Thurman, H. B.:Introductory Oceanography, Charles Webber E. Merril publishing

18 Weisberg J. and Howard: Introductory Oceanography, McGraw- Hill Book, New York.

19प्रा .देशमुख ,सावरकर ,भेंडकर) २००५ : (हवामानशास्त्र व सागरशास्त्र ,विद्याप्रकाशन ,नागपूर

20 पाध्ये अशोक नवी दिल्ली ,नॅशनल बुक ट्रष्ट इंडिया ,सागर विज्ञान : (१९९८)

21 घारपुरेपब्लीशर्स .पिंपळापुरे अँड कं ,सागर विज्ञान : (१९९८) पवार ,, नागपूर

22 सवदी पुणे ,निराली प्रकाशन ,हवामानशास्त्र व सागरशास्त्र : (२००४) कोळेकर ,

23 श्री सातारा ,रावली पब्लिकेशन ,प्राकृतिक भूगोल : (१९७०) दाते .दाते व सौ .

24. **जाधव बी**. **एस**., **जाधव के**. **आर**., पाटील **ए**. **बी**., (**२०१४**): सागरशास्त्र इस्लामपूर ,नाग नालंदा प्रकाशन ,

25. कोलते. पुराणिक कुबडे : (१९९०)हवामानशास्त्र व सागर विज्ञाननागप ,विद्याप्रकाशन ,ूर

Shivaji University, Kolhapur

PROGRAM /COURSE STRUCTURE and SYLLABUS

as per the Choice Based Credit System (CBCS) designed in accordance with

Learning Outcomes-Based Curriculum Framework (LOCF)

of National Education Policy (NEP) 2020

for B. A. / B. A. B. Ed./ B.Sc. Semester IV Geography Degree (Basic/Honours)

w.e.f. June, 2023 onwards.

A] **Ordinance and Regulations:-**

(As applicable to degree/program)

B] **Shivaji University, Kolhapur**

New/Revised Syllabus For Bachelor of -Arts.

1. TITLE: AGRICULTURE GEOGRAPHY **Code:** DSC D48

Number of Theory Credits	Number of lecture hours/ semester	Number of Theory Periods per week
04	60	04

2. YEAR OF IMPLEMENTATION: New/Revised Syllabi will be implemented from June, 2023 onwards.

3. PREAMBLE:

Agricultural Geography is an interdisciplinary field of study that combines the principles of geography, agriculture, and ecology to understand the spatial and temporal variations in agricultural systems, their management, and the relationships between agriculture and the environment. This course aims to provide students with an in-depth understanding of the fundamental concepts of agricultural geography, including the evolution of agriculture, major agricultural systems, land-use theories, regionalization, problems, and modern concepts in agriculture. Additionally, the course will cover topics related to food, nutrition, and health, including distribution patterns of food and nutrition, the causes and spatial patterns of hunger, and eradicating hunger. The practical component of this course will focus on developing students' skills in interpreting and presenting agricultural data using various graphical and mapping techniques. This course is designed to equip students with the necessary knowledge and skills to analyze and interpret the spatial patterns and processes of agricultural systems and their relationship to the broader society and environment.

Course Objectives:

1. To understand the nature, scope, and significance of agriculture geography as a discipline and interdisciplinary nature.
2. To explore the historical evolution of agriculture and to identify and evaluate the physical and human determinants that influence agricultural activities.
3. To examine and compare the major agricultural systems
4. To analyze Von Thunen's Theory of Agricultural land-use for its applicability in explaining the spatial organization and patterns of agricultural activities.
5. To study the agricultural regionalization, focusing on crop combination and crop diversification, and understand their implications for agricultural productivity and regional development
6. To study the distribution patterns of food and nutrition, analyze the causes and spatial patterns of hunger.
7. To develop practical skills in interpreting and creating line and bar graphs, divided circles, and proportional squares to represent and analyze agricultural data and its spatial patterns.

Course Outcomes:

PO1: Relating to Knowledge

I. By the end of the course, students will be able to demonstrate knowledge of the definition, nature, and scope of Agriculture Geography, as well as evolution of agriculture over different periods in history and its impact on society.

II. Students will be able to explain the significance of Agricultural Geography in various fields, including agriculture, ecology, land use planning, and environmental management.

IV. Students will have a thorough understanding of the factors that influence soil formation and the physical and chemical properties of soils.

PO2: Understanding and application

II. Students will be able to comprehend the Jenny's Factorial Model of Soil Formation and the process of soil formation.

VII. Students will be able to apply the knowledge of physical and chemical properties of soils in real-world scenarios, such as soil management and conservation.

IV. Students will be able to identify and classify soils based on their genetic characteristics and distribution.

PO3: Students Skills

IV. By the end of the course, students will have developed practical skills related to soil profile and soil sample tools.

III. Students will have gained practical knowledge of pH and NPK soil analysis.

IV. Students will be able to use GIS for studying soil ecology and planning.

V. Student will start up soil test laboratory.

PO4: Students Evaluation

V. Students will be evaluated through written assignments, group activity and practical exams to demonstrate their understanding of Soil Geography.

III. Students will be evaluated based on their ability to apply their knowledge of soil properties, classifications, and degradation in practical scenarios.

IV. Students will be evaluated on their practical skills related to soil profile, soil sample tools, soil analysis.

Upon completion of this course, students will be able to:

1. Explain the nature, scope and significance of agricultural geography and its relationship with other disciplines.
2. Analyze the evolution of agriculture over different periods in history and its impact on society.
3. Identify the physical and human factors that determine agricultural practices and land-use patterns in different regions of the world.
4. Evaluate the major agricultural systems and their suitability in different ecological and socio-economic conditions.
5. Analyze Von Thunen's theory of agricultural land-use and its relevance in modern times.
6. Understand agricultural regionalization and its implications for crop diversification and production.
7. Identify and evaluate the major physical and socio-economic problems affecting agriculture and food security in different regions of the world.
8. Analyze the impact of modern concepts in agriculture, such as the green revolution and organic farming.
9. Understand the distribution pattern of food and nutrition globally and its relationship with hunger and malnutrition.
10. Identify the causes and spatial pattern of hunger and evaluate strategies for its eradication.
11. Understand the relationship between nutrition and health and analyze the major challenges and opportunities for improving nutritional outcomes globally.
12. Apply basic cartographic skills to represent and analyze agricultural data using line and bar graphs, divided circle, proportional square, and choropleth maps.

6. DURATION

The duration of the B.A./B.Sc. Geography Program shall extend over 8 semesters (four academic years) of 16 weeks or more, each with a maximum of 90 actual working days of instruction in each semester.

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. Tuition Fee & Laboratory Fee, if any.)

9. 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.

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 (40 + 10)

(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 FOURTH

Paper No.	Title	Marks
D 48 (DSC),	Agriculture Geography	50

12. SCHEME OF TEACHING

The scheme of teaching and examination should be given as applicable to the course / paper concerned (Lecture Method, Demonstration Method, Experimental Method, Group Activity Method, Field visit and collection of samples, Observation Method, etc.)

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

13. 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 Theory paper shall carry internal 10 marks for 'Group Activity'.
- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 50 marks.

14. STANDARD OF PASSING:

As per Prescribed rules and regulation for each degree / programme. Separate passing marks required in examinations. The minimum 14 out of 40 marks required in University examination and internal (Group Activity) 04 out of 10 marks.

15. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

Continuous Evaluation Methods (40 Marks):

Q. 1: Multiple Choose Question (05)

Q. 2: Write short notes (any three) (15)

Q. 3: Write detail answers (10)

Q. 4: Write detail answers (10)

Internal Evaluation 10 Mark

B. A. Part-II, Semester-III – Field Visit / Project Report / Group Activity.

16. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF

Sr. No.	Title of Old Paper	Old paper No.	Title of New Course/paper	New Course/Paper No.
1	Agriculture Geography	VI	Agriculture Geography	VI / D 48

17. SPECIAL INSTRUCTIONS, IF ANY: Nil

NEW/REVISED SYLLABUS FOR

B. A. Part-II / B. A. B. Ed.

(Introduced from June, 2023 onwards)

DSC – D 48 (Course / Paper No. VI)

Geography (Agriculture Geography)

Semester -IV

Module	Teaching Hours	Credits
Module I: Introduction to Agricultural Geography 1.1 Definition, Nature, Scope and Significance of Agricultural Geography 1.2 Evolution of agriculture: Ancient, Medieval and Modern Period 1.3 Determinants of Agriculture: Physical and Human (economic, social, cultural, political and administrative)	10	0.75
Module II: Agriculture: Systems and Land-use Theory 2.1 Major Agricultural Systems: Nomadic Herding, Livestock	15	1

Ranching, Shifting Cultivation, Intensive Subsistence Farming, Commercial Farming and Horticulture 2.1 Von Thunen's Theory of Agricultural land-use		
Module III: Regionalization, Problems and Modern Concepts in Agriculture 3.1 Agricultural Regionalization (Crop Combination and Crop Diversification) 3.2 Agricultural Problems: Physical and Socio-economical (Economic, Social, Cultural, Political and Administrative) 3.3 Modern Concepts in Agriculture: Green revolution and Organic Farming	15	1
Module IV: Food, Nutrition and Health 4.1 Distribution pattern of Food and Nutrition 4.2 Causes and Spatial Pattern of Hunger 4.3 Eradication of Hunger 4.4 Nutrition and Health	10	1
Module V: Practical (Theory Only) 5.1 Line and Bar Graphs 5.2 Divided Circle 5.3 Proportional Square 5.4 Choropleth Map	10	0.25

Reference Books:

1. Basu, D.N., and Guha, G.S., 1996: Agro-Climatic Regional Planning in India, Vol.I & II, Concept Publication, New Delhi.
2. Bryant, C.R., Johnston, T.R, 1992: Agriculture in the City Countryside, Belhaven Press, London.
3. Burger, A., 1994: Agriculture of the World, Aldershot, Avebury.
4. Grigg, D.B., 1984: Introduction to Agricultural Geography, Hutchinson, London.
5. Ilbery B. W., 1985: Agricultural Geography: A Social and Economic Analysis, Oxford University Press.
6. Mohammad, N., 1992: New Dimension in Agriculture Geography, Vol. I to VIII, Concept Pub., New Delhi.
7. Roling, N.G., and Wageruters, M.A.E.,(ed.) 1998: Facilitating Sustainable Agriculture, Cambridge University Press, Cambridge.
8. Shafi, M., 2006: Agricultural Geography, Doring Kindersley India Pvt. Ltd., New Delhi
9. Singh, J., and Dhillon, S.S., 1984: Agricultural Geography, Tata McGraw Hill, New Delhi.
10. Tarrant J. R., 1973: Agricultural Geography, David and Charles, Devon.
11. Husain, M., 2021: Agricultural Geography, Rawat Publications, Jaipur
12. Gautam, A.,2021: Agricultural Geography, Sharda Pusatak bhavan, Allahabad

Reference Websites:

https://agricoop.nic.in/en

https://www.india.gov.in/topics/agriculture

https://desagri.gov.in/document-report/agricultural-statistics-at-a-glance-2021/

https://sites.google.com/view/egeography/sem-4/paper-6?authuser=1

Suggested equivalent online courses:

https://onlinecourses.nptel.ac.in/noc23_ag08/preview

https://onlinecourses.swayam2.ac.in/cec23_hs10/preview

https://www.udemy.com/course/modern-farming-techniques/

SHIVAJI UNIVERSITY, KOLHAPUR

Accredited By NAAC with 'A++' Grade

B. A. Part - II GEOGRAPHY

(Syllabus to be implemented from June, 2023 onwards)

GENERAL ELECTIVE / INTER DISCIPLINARY STUDIES

Shivaji University, Kolhapur

PROGRAM /COURSE STRUCTURE and SYLLABUS
as per the Choice Based Credit System (CBCS) designed in accordance with Learning Outcomes-Based Curriculum Framework (LOCF)

of National Education Policy (NEP) 2020
for B. A. / B. A. B. Ed./ B.Sc. Geography Degree (Basic/Honours)
w.e.f. **June, 2023 onwards.**
GE / IDS Course / Paper – I & II

Semester – III and IV

1.TITLE : Subject – CARTOGRAPHY (GE / IDS)

Optional under the Faculty of Science

2. YEAR OF IMPLEMENTATION:-

Revised Syllabus will be implemented from June 2023 onwards.

3. PREAMBLE:-

Cartography is the most important part of Geography. The present syllabus of this paper includes nature, scope, historical development and importance of cartography, study of maps and their types, map projections, surveying, S.O.I. Topomaps, and introduction to modern techniques like computer, G.I.S., G.P.S. etc. In the process of development of science and technology, the changing nature of subject will make aware to the students about the modern technologies used in cartography. This will further help to improve the use of cartographic techniques and methods in teaching-learning and research work.

4. GENERAL OBJECTIVES OF THE COURSE/ PAPER :

1) To introduce the students with the importance of cartography.

2) To enable the students to understand map, concept of projection and concept of scale.

3) To give basic information to the students about S.O.I. topo maps.

4) To familiarize the students with the concept of surveying and different cartographic techniques and methods used for representation of demographic and physiosocio-economic database.

5) To aware the students with the modern technology like computer, GIS, GPS etc and their advantages over conventional cartography.

5. COURSE OUTCOMES

1. Students will be able to understand the basic concepts in Cartography.
2. Students will be able to understand the surveying techniques.
3. Students understand different cartographic techniques.
4. Students understand modern technology used in cartography.
5. Students understand the concept of GIS and GPS.

6. **DURATION**

- The course shall be a full time course
- The duration of course shall be of one year (Two semesters, Sem. – III & IV)

7**. PATTERN:** Pattern of Examination will be Semester

8. **FEE STRUCTURE:** As per the Shivaji University rules ; and as applicable to regulari)

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.)

SECOND YEAR B. A. ----- (NO. OF PAPERS ~~FOUR~~)

SEMESTER THIRD

Paper No.	Title	Marks
IDS I	Cartography-I	50

SEMESTER FOURTH

Paper No.	Title	Marks
IDS II	Cartography-II	50

12. SCHEME OF TEACHING AND EXAMINATION

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

SECOND YEAR

Scheme of Teaching and Examination

Sr. No.	Subject/Paper	Teaching Scheme (Hrs/Week)				Examination Scheme (Marks)		
		L	T	P	Total	Theory	Term Work	Total
1	Cartography - I	**04**	**04**	**00**	**04**	**40**	**10**	**50**
2	Cartography - II	**04**	**04**	**00**	**04**	**40**	**10**	**50**

13. **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 Theory paper shall carry internal 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 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)

Continuous Evaluation Methods (40 Marks):

Q. 1: Multiple Choose Question (05)

Q. 2: Write short notes (Any three out of five) (15)

Q. 3: Descriptive Question (10)

A or B

Q. 4: Descriptive Question (10)

A or B

Internal Evaluation (10 Mark)

B.A.-II Semester-III - Home Assignment / Unit Test / Practical / Case Study

B.A.-II Semester-IV – Home Assignment / Unit Test / Practical / Case Study

16. **EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS-**

(FOR REVISED SYLLABUS)

No.	Class	Sem.	Old Title	Title of New Paper
1	B.A. II	III	Cartography Course I	Cartography I
2	B.A. II	IV	Cartography Course II	Cartography II

17. SPECIAL INSTRUCTIONS , IF ANY. ---

NEW/REVISED NEP PATTERN SYLLABUS FOR

B.A. (Part II) Geography (GE / IDS)

(Introduced from June 2023 onwards)

Semester – III

(i) GE / IDS - I

(ii) Title of Paper: **Cartography-I**

Module		Teaching Hours	Credits
Module – I	**Introduction to Cartography**	**11**	**0.75**

1.1 Meaning and Definitions of Cartography

1.2 Nature and Scope of Cartography

1.3 Branches of Cartography

1.4 Importance of Cartography

Module – II	**Representation of the Earth's Surface**	**13**	**01**

2.1 Globe and System of Coordinates

2.2 Map: Definition, Elements and Methods of expression of scale of map

2.3 Types of maps by scale and purpose

2.4 Information on map – Liner, Areal, Symbolic & Written Information

Module –III	**Map Projection**	**13**	**01**

3.1 Definition and Necessity of Map Projection

3.2 Classification of Map Projections according to the Methods of Construction

3.3 Mercator's Projections: Properties and Uses

3.4 Choice of Map Projection

Module – IV	**Geodetic and Plane Surveying**	**13**	**01**

4.1 Definition, Meaning and Objectives of Survey

4.2 Types of survey

4.3 Plane Table Survey – Equipment and Procedure

4.4 Digital Laser Distance Meter – Survey Procedure

Module – V Computer Cartography 10 0.25

5.1 Introduction to Computer: Definition, Types and Input output Devices

5.2 Application of Computer in Cartography

NEW/REVISED NEP PATTERN SYLLABUS FOR

B. A. Part II Geography (GE / IDS)

(Introduced from June 2023 onwards)

Semester – IV

(i) **GE / IDS**– II

(ii) Title of Paper : **Cartography –II**

Modules	Teaching Hours	Credits
Module – I Methods of Representation of Data by Graphs And Diagrams	**11**	**0.75**
1.1 Line Graphs		
1.2 Bar Graphs		
1.3 Pie Diagram		
Module – II Methods of Representation of Data by Distributional Maps	**13**	**01**

2.1 Choropleth Method

2.2 Isopleth Method

2.3 Dot Method

2.4 Flow Maps

Module -III Introduction to Topographical Maps 13 01

3.1 Topographical Maps: Definition, Marginal Information

3.2 S.O.I. Topographical Maps : Conventional Signs & Symbols and Colours used.

3.3 Methods of Representation of relief in S.O.I. Topographical Maps

3.4 Types of Slopes by Contours

Module – IV Introduction to Geographical Information System and Global Positioning System 13 01

4.1 Geographical Information System: Definition, Elements and Functions

4.2 Application of Geographical Information System

4.3 Global Positioning System: Introduction, Definition and Segments

4.4 Application of Global Positioning System

Module – V Practical 10 0.25

5.1 Application of GPS in Cartography with exercise

5.2 Field work of GPS: Determining latitude, longitude and altitude

References:

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

2. Kanetkar, T.P. and Kulkarni S.V.: Surveying and Levelling (Part I & II.) A.V.G. Prakashan, Poona, 1965.

3. Mishra R.P and Ramesh A. : Fundamentals of Cartography. Concept Publ. Com., New Delhi, 2000.

4. Monkhose, F. J. and Wilkinson, H. R.: Maps and Diadgrams. Mathuen, London, 1971.

5. Raisz, E.: Principals of Cartography. McGraw Hill Book Com., Inc, New York 1962.

6. Robinson, A.H. and Sale, R. D.: Elements of Cartography. John Wiley and Sons, Inc, New York 1969

7. Sarkar, A.K. : Practical Geography : A Systematic Approach. Oriental Longman, Calcutta, 1997.

8. Singh, L.R. and Singh, R.: Mapwork and Practical Geography. Allahabad, 1973.

9. अहिरराव, डी. वाय. व करंजखेले, के. प्रात्यक्षिक भूगोल, सुदर्शन, नाशिक 2002

10. गाताडे डी. जी. व अडवितोट, एस. सी. प्रात्यक्षिक भूगोल, अक्षरलेण प्रकाशन, सोलापूर, 2008

11. कुंभार, अर्जुन : प्रात्यक्षिक भूगोल, सुमेरून प्रकाशन, डोंबिवली पूर्व, 1994

12. शिंदे, एस. बी. : नकाशाशास्त्र, प्रात्यक्षिक भूगोल, फडके प्रकाशन, कोल्हापूर, 2002

13. Cartography – Distance Education Department, Shivaji University, Kolhapur, 2021.

NOTE :

i) The details of field work, seminar, Group Discussion and Oral examination be given wherever necessary.

ii) General/Specific instructions for Laboratory safety should be given wherever necessary.

SHIVAJI UNIVERSITY, KOLHAPUR

Accredited By NAAC with 'A++' Grade

NEP-2020

Syllabus For

B. A. Part – II
Geography (GENERIC ELECTIVE)
NEP - 2020 PATTERN

(Syllabus to be implemented from June, 2023 onwards)

Shivaji University, Kolhapur
PROGRAM /COURSE STRUCTURE and SYLLABUS
as per the Choice Based Credit System (CBCS) designed in accordance with
Learning Outcomes-Based Curriculum Framework (LOCF)
of National Education Policy (NEP) 2020
for B. A. / B. A. B. Ed./ B.Sc. Geography Degree (Basic/Honours)
w.e.f. June, 2023 onwards.
GE / IDS Course / Paper – I & II
Semester – III and IV

A] **Ordinance and Regulations:-**
(As applicable to degree/program)
B] **Shivaji University, Kolhapur**
New/Revised Syllabus For Bachelor of -Arts.
1. TITLE: RESOURCE GEOGRAPHY OF MAHARASHTRA **Code:** GE- I and II

Number of Theory Credits	Number of lecture hours/ semester	Number of Theory Periods per week
04	60	04

2. YEAR OF IMPLEMENTATION: New/Revised Syllabi will be implemented from June, 2023 onwards.

3. PREAMBLE

The Maharashtra is one of the leading states of our country India due to the availability of both physical and non-physical resources. But in current era more and more pressure exert on physical resources and it reflects through not only from environmental issues but also integrated development of state. Considering this fact entire syllabus focuses on regional approach towards the location, physiography, climate, drainage, mineral, power, water, soils, forest, animals, and human resources in the Maharashtra and its sustainable development with resource management. The course itself creates various skills regarding the resources and regional development through participatory and applicability. The subject has been introduced to B. A. Part-II is crucial in various disciplines such as agriculture, ecology, land use planning, and environmental management, where understanding the spatial and temporal variability of resources for sustainable development of the Maharashtra.

4. GENERAL OBJECTIVES OF THE COURSE

1) To understand the regional approach of Maharashtra State in geographical sence
2) To examine use and misuse of various resource in Maharashtra and to analyze future prospects.
3) To study various methods and approaches of conservation and management of Natural resources in Maharashtra.
4) To understand the concept of sustainable and integrated resource and is application.
5) To analyze and examine local district resources of Maharashtra

6) To study the resource management for resources of Maharashtra

5. COURSE OUTCOMES

PO1: Relating to Knowledge

III. After the completion of course, students will be familiar with physical setup of the Maharashtra as well as its resources.

V. The students will be acquired optimum knowledge for resource inventory and spatio-temporal analysis of resources to predict its trends.

V. The course provides concrete platform to overcome environmental issues through its knowledge.

PO2: Understanding and application

III. The students will be realized the location, physiography, climate, drainage, soils, vegetation, mineral resources of Maharashtra.

VIII. The students will be able to prepare his/her own regional resource inventory structure.

VI. The students will be able to apply their knowledge for ecology, environmental management and regional as well as land use planning.

VII. The students will be able to apply their own ideas, methods and approaches of conservations of resources, resource management, and its sustainable development.

PO3: Students Skills

V. The students will have such skills to identify the spatio-temporal trends of resources.

IV. The students will have gained practical knowledge of data analysis.

V. The students will be able to represent resource distribution and its ecological and environmental relations.

VI. The student will be able to examine various resources.

PO4: Students Evaluation

VI. The students will be evaluated through written assignments, individual or group activity, project work and demonstrate their understanding of the course.

IV. The students will be evaluated based on their ability to apply their knowledge for resource inventory, analysis, management for sustainable development.

V. The students will be evaluated on their regularity, punctuality, practical skills related to resource conservation and approaches towards resource management.

6. DURATION

The duration of the B.A./ B. Sc. Geography Program shall extend over 8 semesters (four academic years) of 16 weeks or more, each with a maximum of 90 actual working days of instruction in each semester.

9.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. Tuition Fee & Laboratory Fee, if any.)

9. 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.

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 (40 + 10)

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

Semester - III

Paper No.	Title	Marks
GE – I	**Resource Geography of Maharashtra-I**	**50**

Semester - IV

Paper No.	Title	Marks
GE – II	**Resource Geography of Maharashtra-II**	**50**

12. SCHEME OF TEACHING AND EXAMINATION

The scheme of teaching and examination should be given as applicable to the course / paper concerned (Lecture Method, Demonstration Method, Experimental Method, Group Activity Method, Field visit and collection of samples, Observation Method, etc.)

Sr. No.	Subject/Papers	Teaching Scheme Per Week				Examination Scheme Sr. (Marks)		
		L	T	P	Total	Theory	Term work	Total
1	Resource Geography of Maharashtra Course - I	04	04	-	04	40	10	50
2	Resource Geography of Maharashtra Course - II	04	04	-	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 Theory paper shall carry internal 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 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 :-

Continuous Evaluation Methods (40 Marks):

Q. 1: Multiple Choose Question (05)
Q. 2: Write short notes (any three) (15)
Q. 3: Write detail answers (10)
A OR B
Q. 4: Write detail answers (10)
A OR B

Internal Evaluation 10 Mark

B.A.-II Semester-III - Home Assignment / Unit Test / Practical / Resource Inventory

B.A.-II Semester-IV – Home Assignment / Unit Test / Practical / Resource Survey

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

Sr. No.	Title of Old Paper		Title of New Paper or Course	
1	Semester- III		Semester- III	
	Paper-I	Resource Geography of Maharashtra -I	Course -I	Resource Geography ofMaharashtra - I
	Semester- IV		Semester- IV	
	Paper-II	Resource Geography of Maharashtra - II	Course -II	Resource Geography ofMaharashtra - II

17. SPECIAL INSTRUCTIONS, IF ANY: Nil

NEW/REVISED CBCS PATTERN SYLLABUS FOR
B. A. / B. A. B. Ed. Part - II Geography GENERIC ELECTIVE (GE /IDS)
(Introduced from June, 2023 onwards)
Semester – III

(i) Course / Paper No. I
(ii) Title of Paper: **Resource Geography of Maharashtra-I**

Modules	Teaching Hours	Credits
Module – I: Introduction 1.1 Location of Maharashtra 1.2 Physiography 1.3 Climate 1.4 Drainage Pattern	**12**	**01**
Module – II: Resources 2.1 Definition and Classification of resources 2.2 Conservation and sustainable development of resources 2.3 Role of resources in regional development	**14**	**01**
Module – III: Mineral and power resources in Maharashtra 3.1 Manganese 3.2 Coal 3.3 Conventional Power Resources: Oil, Natural Gas, Hydroelectricity & Thermal power 3.4 Non- conventional Power Resource – Solar and Wind (Importance, Distribution and Production)	**14**	**01**
Module – IV: Water and Soil Resources in Maharashtra 4.1 Sources of irrigation and distribution 4.2 Water Management 4.3 Major soil types and their distribution 4.4 Need of conservation and sustainable development of soil resources.	**12**	**0.75**
Module – V Practical: Resource Inventory 5.1 Mineral Resources in Local District 5.2 Water Resources in Local District 5.3 Soil Resources in Local District	**08**	**0.25**

References:

1. B. Arunchalm, Regional Geography of Maharashtra
2. B.D. Nag Choudhary, "Inhoduction to Enviroment Management" Inter Prind Mehata House, New Delhi.

3. Brucu Mitchell “Geography and resources analysis” John willey and sons, New York.
4. C.D. Deshpande, “Geography of Maharashtra” National book Trust of India, New Delhi.
5. Cutler L, Renwick H.L. Exploitation conservation and preservation : A Geographical perspective and natural resource use, Rowmon and Allanhed, Towata.
6. Govt. of Maharashtra “Economic development of Maharashtra.” (Maharashtra Economic Development Council)
7. Karve “Maharashtra – Land and People
8. Dixit K.R., “Maharashtra in Maps”
9. Matthews O.P., “Water resources Geography and Laow, Scientific Publishers, Jodhapur.
10. Deshpande, S.H. “Economy of Maharashtra”
11. Resource Geography of Maharashtra (IDS) – Distance Education Department, Shivaji University, Kolhapur
12. खतीब के.ए., महाराष्ट्राचा भूगोल, मेहता पब्लिशिंग हाउस, पुणे
13. सावंत प्रकाश- महाराष्ट्राचा भूगोल, फडके प्रकाशन, कोल्हापूर
14. पाटील टी.पी. - महाराष्ट्राचा भूगोल
15. सवदी ए. बी., द मेगा स्टेट महाराष्ट्र, निराली प्रकाशन, पुणे
16. सवदी ए. बी., महाराष्ट्राचा भूगोल, निराली प्रकाशन, पुणे
17. देशपांडे च. धु., - महाराष्ट्राचा भूगोल अनुवादक मो.द. तावडे
18. दाते एस. पी. महाराष्ट्राचा साधनसंपती भूगोल, एन.बी. टी. नवी दिल्ली

NEW/REVISED CBCS PATTERN SYLLABUS FOR
B. A. / B. A. B. Ed. Part - II Geography GENERIC ELECTIVE (IDS)
(Introduced from June, 2023 onwards)

General Elective – II (IDS)
Semester – IV

(i) Course / Paper No. II
(ii) Title of Paper : Resource Geography of Maharashtra-II

Modules	**Teaching Hours**	**Credits**
Module – I Forest Resources in Maharashtra	**12**	**01**
1.1 Importance of forest resources		
1.2 Types and Distribution of forest		
1.3 Deforestation causes and effects		
1.4 Conservation of forest resource		
Module – II Animal Husbandry and Fisheries in Maharashtra	**14**	**01**
2.1 Types of animals and their distribution		
2.2 Animals production (milk, meet, skin, hide, wool, eggs)		
2.3 Conservation of Animals		
2.4 Types of fisheries and their distribution		
2.5 Conservation of fisheries		
Module – III Human resource in Maharashtra	**14**	**01**
3.1 Man as a resource		
3.2 Growth of population		
3.3 Distribution of population		
3.4 Composition of population		
3.5 Population pressure on resources in Maharashtra		
Module – IV Resource Management in Maharashtra	**12**	**0.75**
4.1 Concept of Resource Management		
4.2 Soil and Forest Resource Management		
4.3 Animal Resource Management		
4.4 Population Resource Management		
Module – V Practical: Resource Survey	08	**0.25**
5.1 Forest Resource		
5.2 Animal Resource		
5.3 Human Resource		

References:

1. B. Arunchalm, Regional Geography of Maharashtra
2. B.D. Nag Choudhary, “Introduction to Enviroment Management” Inter Prind Mehata House, New Delhi.

3. Brucu Mitchell “Geography and resources analysis” John willey and sons, New York.
4. C.D. Deshpande, “Geography of Maharashtra” National book Trust of India, New Delhi.
5. Cutler L, Renwick H.L. Exploitation conservation and preservation : A Geographicalperspective and natural resource use, Rowmon and Allanhed, Towata.
6. Govt. of Maharashtra “Economic development of Maharashtra.” (Maharashtra Economic Development Council)
7. Karve “Maharashtra – Land and People
8. Dixit K.R., “Maharashtra in Maps”
9. Matthews O.P., “Water resources Geopgraphy and Laow, Scientific Publishers, Jodhapur.
10. Deshpande, S.H. “Economy of Maharashtra”
11. Resource Geography of Maharashtra (IDS) – Distance Education Department, Shivaji University, Kolhapur
12. खतीब के.ए., महाराष्ट्राचा भूगोल, मेहता पब्लिशिंग हाउस, पुणे
13. सावंत प्रकाश– महाराष्ट्राचा भूगोल, फडके प्रकाशन, कोल्हापूर
14. पाटील टी.पी. – महाराष्ट्राचा भूगोल
15. सवदी ए. बी., द मेगा स्टेट महाराष्ट्र, निराली प्रकाशन, पुणे
16. सवदी ए. बी., महाराष्ट्राचा भूगोल, निराली प्रकाशन, पुणे
17. देशपांडे च. धु., – महाराष्ट्राचा भूगोल अनुवादक मो.द. तावडे
18. दाते एस. पी. महाराष्ट्राचा साधनसंपती भूगोल, एन.बी. टी. नवी दिल्ली

Shivaji University, Kolhapur

PROGRAM /COURSE STRUCTURE and SYLLABUS

as per the Choice Based Credit System (CBCS) designed in accordance with

Learning Outcomes-Based Curriculum Framework (LOCF)

of National Education Policy (NEP) 2020

for B. A. II / B. A. B. Ed./ B. Sc. II Semester III and IV Geography Degree (Basic/Honors)

w.e.f. June, 2023 onwards.

A] **Ordinance and Regulations:-**

(As applicable to degree/program)

B] **Shivaji University, Kolhapur**

New/Revised Syllabus ForBachelor of -Arts.

1. TITLE: Tourism Geography **Code:** GE I and GE II

Number of Theory Credits	Number of lecture hours/ semester	Number of Theory Periods per week
04	60	04

2. YEAR OF IMPLEMENTATION: New/Revised Syllabi will be implemented from June, 2023 onwards

3. PREAMBLE:

The paper "Concepts of Tourism Geography" offers students a comprehensive exploration of the fundamental concepts and principles in the field of tourism geography. This paper aims to provide students with a solid foundation of knowledge and skills necessary to understand the various aspects of tourism geography and its practical applications. Through a series of modules, students will gain insights into the introductory concepts, classification systems, impacts, use of computer technologies, and data collection techniques in tourism geography. By the end of this paper, students will have a well-rounded understanding of the key components and dynamics of tourism geography, allowing them to critically analyze tourism trends, assess its impacts, and contribute to sustainable development in the tourism industry.

The course on "Development and Planning of Tourism" offers a comprehensive study of the tourism industry, focusing on India, with specific emphasis on Maharashtra and the case study of Mahabaleshwar. The course equips learners with the knowledge and skills necessary to understand tourism development, planning processes, and sustainable practices. It covers various topics, including historical perspectives, economic significance, destination analysis, travel documentation, and case studies. Through theoretical concepts, real-world examples, and practical applications, learners will gain insights into the multifaceted nature of tourism and its impact on local economies, communities, and the environment. The course fosters critical thinking and problem-solving skills, promoting responsible tourism practices for long-term sustainability. Upon completion, learners will receive a certificate recognizing their participation and understanding of key concepts in the development and planning of tourism.

4. Course Objectives:

- To understand the fundamental concepts and definitions of tourism and tourist and along with explore the nature and scope of tourism geography as a multidisciplinary field.
- To identify the components of tourism and their interrelationships and analyze recent trends in the industry.
- To evaluate the economic, socio-cultural, and environmental impacts of tourism.
- To study data collection techniques such as field surveys, interviews, questionnaires, and sampling methods in tourism geography research.
- To explore the significance of effective planning and development strategies in the tourism industry.
- To examine different types of tourism centers, including natural, religious, cultural, and historical destinations in India.
- To analyze the development and planning of tourism in Maharashtra, with a focus on Mahabaleshwar or local district tourism centres as a case study.
- To identify challenges and issues associated with tourism development and explore sustainable practices for mitigating negative impacts.

- To develop an understanding of travel documentation processes, including passports, visas, ticketing, and tour itineraries.
- To understand the principles of sustainable development in tourism.
- To utilize computer technologies for e-ticket booking, destination search, promotion, mapping, and distance calculations in the context of tourism geography.

5. Course Outcomes:

Upon completion of this course, students will be able to:

PO1: **Relating to Knowledge:**

- Students will be demonstrated a comprehensive understanding of the definition of tourism and tourist and knowledge of the nature and scope of tourism geography.
- Students will be recognized the significance of studying tourism geography in tourism planning, development, and management.
- Students will be able to identify and describe the components of tourism and their interrelationships.
- Students will classify tourism based on various criteria and analyze recent trends in the industry.
- Understand tourism's historical development, from ancient to contemporary periods.
- Identify tourism's role in the national economy and the process of planning in India.
- Recognized different types of tourism centers in India and Maharashtra.
- Summarize the key components of travel documentation.

PO2: **Relating to Understanding and Application:**

- Students will apply their understanding of tourism geography concepts to analyze the impacts of tourism on economic, socio-cultural, and environmental aspects.
- Students will comprehend the principles of sustainable development in tourism and apply them to address the challenges and opportunities in the industry.
- Students will demonstrate an understanding of the use of computer technologies in various aspects of tourism geography, such as e-ticket booking, destination search, promotion, mapping, and distance calculations.
- Students will be able to interpret and analyze data collected through field surveys, interviews, questionnaires, and sampling techniques in tourism geography research.
- The students will be able to evaluate tourism's impact on the economy and apply planning principles.
- Analyze characteristics of tourism centers and assess sustainable practices.

- The students will be able to evaluate development and planning efforts in Maharashtra and destination case studies.

PO3: **Relating to Students' Skills:**

- Students will develop critical thinking skills to evaluate and assess the economic, socio-cultural, and environmental impacts of tourism.
- Students will enhance their technological skills in using computer applications for various tasks related to tourism geography.
- Students will develop practical skills in conducting field surveys, interviews, questionnaires, and sampling techniques for data collection in tourism geography research.
- Students will improve their communication skills by effectively presenting and conveying information related to tourism geography.
- Develop critical thinking and research skills for analyzing tourism strategies.
- Enhance communication and teamwork skills through presentations and group activities.
- Improve time management and organizational skills.

PO4: **Relating to Students' Evaluation:**

- Students will be able to critically evaluate the classification of tourism based on different criteria and analyze the recent trends in the tourism industry.
- Students will demonstrate their ability to assess the economic, socio-cultural, and environmental impacts of tourism using appropriate evaluation methods.
- Students will develop the skills to evaluate the effectiveness of computer applications in tourism geography and their contribution to sustainable tourism practices.
- Students will apply their knowledge and skills in data collection techniques to evaluate the reliability and validity of primary data in tourism geography research.
- Demonstrate knowledge through assessments.
- Apply theoretical knowledge to real-world scenarios and case studies.
- Active participation in discussions and presentations.

6. DURATION

The duration of the B.A./B.Sc. Geography Program shall extend over 8 semesters (four academic years) of 16 weeks or more, each with a maximum of 90 actual working days of instruction in each semester.

7. **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. Tuition Fee & Laboratory Fee, if any.)

9. 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.

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 (40 + 10)

(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 - III

Paper No.	Title	Marks
GE – I	Concepts of Tourism Geography-I	**50**

Semester - IV

Paper No.	Title	Mark
GE – II	Development and Planning of Tourism in India-II	**50**

12. SCHEME OF TEACHING

The scheme of teaching and examination should be given as applicable to the course / paper concerned (Lecture Method, Demonstration Method, Experimental Method, Group Activity Method, Field visit and collection of samples, Observation Method, etc.)

Sr. No.	Subject/Papers	Teaching Scheme Per Week				Examination Scheme Sr. (Marks)		
		L	T	P	Total	Theory	Practical	Total
1	Concepts of Tourism Geography	04	04	-	04	40	10	50
	Development and Planning of Tourism in India	04	04	-	04	40	10	50

13. 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 theory paper shall carry internal 10 marks for ‘Group Activity’.

- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 50 marks.

14. STANDARD OF PASSING:

As per Prescribed rules and regulation for each degree / programme. Separate passing marks required in examinations. The minimum 14 out of 40 marks required in University examination and internal (Group Activity) 04 out of 10 marks.

15. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

Continuous Evaluation Methods (40 Marks):

Q. 1: Multiple Choose Question (05)

Q. 2: Write short notes (any three) (15)

Q. 3: Write detail answers (10)

A or B

Q. 4: Write detail answers (10)

A or B

Internal Evaluation 10 Mark

B. A. Part-II, Semester-III- 'Group Activity'

16. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF

Sr. No.	Title of Old Paper	Old paper No.	Title of New Course/paper	New Course/Paper No.
1	Concepts of Tourism Geography	I	Concepts of Tourism Geography	GE-I
2	Development and Planning of Tourism in India	II	Development and Planning of Tourism in India	GE-II

17. SPECIAL INSTRUCTIONS, IF ANY: Nil

NEW/REVISED SYLLABUS FOR
B. A. Part-II / B. A. B. Ed.
(Introduced from June, 2023 onwards)
GE- I / IDS (Course / Paper No. I)
Geography (Concepts of Tourism Geography)
Semester –III

Module	Teaching Hours	Credits
Module: Introduction to Tourism Geography 1.1 Definition of Tourism and Tourist 1.2 Nature of Tourism Geography 1.3 Scope of Tourism Geography 1.4 Significance of Tourism Geography 1.5 Historical development of Tourism 1.6 Components of tourism	15	1
Module II: Classification and Recent Trends in Tourism 2.1Classification on the basis of Nationality, Time, Number of tourist, Objectives, Transportation, Season and Nature of Tourism. 2.2 Recent trends in Tourism	10	0.75
Module III: Impact of Tourism 3.1 Economic impact 3.2 Socio-Cultural impact 3.3 Impact on Environment 3.4 Sustainable development of Tourism	15	1
Module IV: Use of computer in tourism geography 4.1 e-ticket booking 4.2 search hotels and destination 4.3 promotion of tour agency 4.4 mapping and distance calculations through computer 4.5 Sustainable development of Tourism	10	1
Module V: Data Collection Techniques in Tourism Geography 5.1 Field surveys and interviews for gathering primary data. 5.2 Questionnaires and surveys for collecting tourist information. 5.3 Sampling techniques in tourism geography research	10	0.25

Reference Books:

1. Bhatia A.K. : International Tourism
2. Bhatia A.K. : Tourism Development
3. DevManoj : India – A ToruistParedise
4. DharPramnath : Development of Tourism and Travel Industry
5. Gupta V.N. : Tourism in India
6. NegiJagmohan : Tourism Development and ResourceConservation 28
7. Pearce Donglas : Tourism Development
8. Robinson R. : Geography of Tourism
9. Sharma K.C. : Tourism : Policy, Planning stategy.
10. Seth Pran :Enlessful Tourism Manament
11. Sinha P.C. : Tourism Marketing
12. Singh Shawni : Principles of Indian Tourism
13. Singh S.N. : Geography of Tourism and Recreation
14. Singh Ratandeep : Tourism Today Vol. 1
    Tourism Today Vol. 2
    Tourism Today Vol. 3
15. शिंदेएस .बी : .पर्यटनभूगोल
16. घारपुरेव्ही .टी : .पर्यटनभूगोल ,पिंपळापुरेपुब्लीशर्स ,नागपूर .
17. Geography of Tourism – Distance Education Department, Shivaji University, Kolhapur

NEW/REVISED SYLLABUS FOR
B. A. Part-II / B. A. B. Ed.
(Introduced from June, 2023 onwards)
GE-II / IDS (Course / Paper No. II)
Geography (Development and Planning of Tourism)
Semester –IV

Module	Teaching Hours	Credits
Module I: Development and Planning of Tourism in India 1.1 Tourism in ancient period 1.2 Tourism in modern period 1.3 Role of tourism in national economy 1.4 Tourism planning in India	10	0.75
Module II: Tourism Centers in India 2.1 Natural tourism centers in India 2.2 Religious tourism centers in India 2.3 Cultural tourism centers in India 2.4 Historical tourism centers in India	15	1
Module III: Development and Planning of Tourism in Maharashtra 3.1 Development of tourism in Maharashtra 3.2 Planning of tourism in Maharashtra	12	1
Module IV: Tourism Centers in Maharashtra 4.1 Natural tourism centers in Maharashtra 4.2 Religious tourism centers in Maharashtra 4.3 Cultural tourism centers in Maharashtra 4.4 Historical tourism centers in Maharashtra	13	1
Module V: Travel documentation 5.1 Passport 5.2 Visa 5.3 Ticketing 5.4 Tour itinerary	10	0.25

Reference Books:

1. Bhatia A.K. : International Tourism
2. Bhatia A.K. : Tourism Development
3. DevManoj : India – A ToruistParedise
4. DharPramnath : Development of Tourism and Travel Industry
5. Gupta V.N. : Tourism in India
6. NegiJagmohan : Tourism Development and ResourceConservation 28
7. Pearce Donglas : Tourism Development
8. Robinson R. :Geography of Tourism
9. Sharma K.C. : Tourism : Policy, Planning stategy.
10. Seth Pran :Enlessful Tourism Manament
11. Sinha P.C. : Tourism Marketing
12. Singh Shawni : Principles of Indian Tourism
13. Singh S.N. :Geography of Tourism and Recreation
14. Singh Ratandeep : Tourism Today Vol. 1

    Tourism Today Vol. 2

    Tourism Today Vol. 3

15- शिंदे एस .बी : .पर्यटन भूगोल

16- घारपुरे व्ही .टी : .पर्यटन भूगोल ,पिंपळापुरे पुब्लीशर्स ,नागपूर .

17 Geography of Tourism – Distance Education Department, Shivaji University, Kolhapur