

**Punyashlok Ahilyadevi Holkar Solapur University,
Solapur**



NAAC Re Accredited 2022 'B⁺⁺' Grade (CGPA 2.96)

Name of the Faculty: Science & Technology

NEP STRUCTURE 2020

Syllabus: Geography

**Name of the Course: B. Sc. (Semester I & II)
(Syllabus to be implemented from June 2024)**

**B.Sc. I (Geography)
Semester I & II
Syllabus Structure (NEP June, 2024)**

Level	Semester	Paper	Title of the paper	Lecture per Week		Total Marks	Credit
				T	P		
4.5	I	DSC 1- 1 T	Geomorphology - I	2	-	50	2
		DSC 1- 1 P	Slope and Relief	-	4	50	2
		SEC 1	Introduction to Tourism	2	-	50	2
100-200	II	DSC 1 - 2 T	Geomorphology - II	2	-	50	2
		DSC 1- 2 P	Relief Profile Analysis	-	4	50	2
		OE / GE - 1	Physical Geography of Maharashtra	2	-	50	2
		SEC - 2	Tourism Planning and Management	2	-	50	2

T – theory

P - Practical

2 Credits of Theory = 2 Hours of teaching per week

1 Credits of Practical = 2 Hours per week

DSC- Discipline Specific Course

SEC- Skill Enhance Course

VSC- Vocational Skill Course

OE / GE - Open Elective / Generic Elective

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Structure of Syllabus (NEP - 2020)

B. Sc. Part- I Semester –I

Name of the Paper: Geomorphology -I

Paper Code: DSC 1- 1

Total Lectures- 30

Course Credit: 2

Total Marks- 50

Course Objectives:

1. To introduce the concepts in Geomorphology.
2. To study the earth movements.

Learning Outcomes:

1. Understand the basic concept in geomorphology.
2. Remember study of the earth movements.

Contents of the course

Unit No.	Details	No. of Lectures/ Periods	No. of Credits
1	Introduction to Geomorphology 1.1 Meaning and Definition of Geomorphology 1.2 Nature of Geomorphology 1.3 Scope of Geomorphology 1.4 Importance of Geomorphology	15	1
2	Earth and Earth Movements 2.1 Interior Structure of the earth 2.2 Continental Drift Theory of Alfred Wegner 2.3 Endogenic forces- Folding and Faulting 2.4 Sudden Movement-Earthquakes and Volcanoes	15	1

References:

- 1) Worcester P.G (1969): A Textbook of Geomorphology, VAN Nostrand Reinhold Company, New York, U.S.A
- 2) Dayal P. (1996): Text Book of Geomorphology, Shukla Book Depot, Patana
- 3) Majid Husain (2001): Fundamentals of Physical Geography, Rawat Publications, Jaipur.
- 4) Singh Savindra (2003): Physical Geography, Prayag Pustak Bhavan, Allahabad.
- 5) Bloom A.L. (2004): Geomorphology, Waveland press INC.

- 6) Leong Goh Cheng (2013): Physical and Human Geography, Oxford University Press, New Delhi.
- 7) Maske and Nagare (2019): Geomorphology, Mayur Publication and Distributor, Solapur
- 8) Shinde Ankush and wagh Arjun (2023): An Introduction to Geomorphology, IIP Chikmangrul Karnataka
- 9) Magar Tanaji: Basic Concepts in Physical Geography- Think Tank Publication

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Structure of Syllabus (NEP 2020)

B. Sc. Part- I Semester –I

Name of the Paper: Slope and Relief (Practical –I)

Paper Code: DSC 1 – 1 P

Total Lectures- 60

Course Credit: 2

Total Marks- 50

Course Objectives:

1. To introduce the qualitative methods of relief features.
2. To study the quantitative methods of relief features.

Learning Outcomes:

1. Understand the qualitative methods of relief features.
2. Students knows quantitative methods of relief features.

Contents of the course

Unit No.	Details	No. of Lectures/ Periods	No. of Credits
1	Slope and Gradient 1.1 Types of Slopes - i) Steep slope ii) Gentle slope iii) Even slope iv) Uneven slope v) Convex Slope vi) Concave slope vii) Terraced slope 1.2 Methods of expression of slopes by Gradient Degree, Percentage, Miles.	30	1
2	Methods of Relief Representation 2.1 Qualitative - Hachures, Hill shading, Layer Tint 2.2 Quantitative - Form lines, Spot Heights, Bench Marks, Triangulation Mark, Contour Line	30	1

References:

1. Misra R. P. and Ramesh A. (1969): Fundamentals of Cartography, Concept Publishing Company, New Delhi
2. Robinson A. H., Morrison J. L., Muehrcke P. C., Kimerling A. J., Guphill S. C. (1995): Elements of Cartography: Wiley Publishers
3. Mac Eachren A.M. (1994): Some Truth with Maps - A Primer on Symbolization and Design, University Park: The Pennsylvania State University.
4. Mishra R.P. (2014): Fundamentals of Cartography, Concept Publishing Co.
5. Monmonier M. (1991): How co Lie with Maps, Chicago: University of Chicago Press.

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Structure of Syllabus (NEP 2020)

B. A. Part- I Semester- I

Name of the Paper: Introduction to Tourism

Paper Code: SEC -1

Total Lecture- 30

Course Credit: 2

Total Marks- 50

Objectives:

- 1) To acquaint the student with basic concept in tourism
- 2) To understand the factor affecting the tourism

Outcome:

- 1) Understand about the tourism influencing factors
- 2) Learn the recent trends and dynamics of tourism in the context of globalization.

Contents of the course

UNIT	CONTENT	No of Lectures	No of Credit
I	Introduction To Tourism 1.1 Definition of tourism 1.2 Nature and Scope of tourism 1.3 Recent trends in tourism 1.4 Importance of tourism	15	1
II	Factors and Classification of Tourism 2.1 Factors affecting on tourism development - Physical, Economic and Socio- Cultural 2.2 Classification of tourism: Based on Nationality, Time, Distance, Number of Tourist, Mode of Transportation, Purpose of Travel	15	1

Reference Book:

1. Velvet Nelson: An Introduction to the Geography of Tourism, Rawat publication, Jaipur (2013)

2. Manoj sharma and S. P. Bansal: Tourism Infrastructure Development: A Sustainable Approach, Kanishka Publishers, Distributors, New Delhi (2010)
3. Gulab Nabi: Socio-economic impact of Tourism, Poiuter publication, Jaipur (2000)
4. Kunal Chattopadhyaya: Economic impact of Tourism Development, Kanishka Publishers, Distributors, New Delhi (1995)
5. Nirmal Kumar: Tourism and Economic Development, APH Publication, New Delhi (1996)
6. M. Dixit and Sheela Charu: Tourism Products, Royal Publication, Lacknow (2001)
7. S. Dharmarajan and R. Seth: Tourism in India: Trends and issues, Har-Anand Publication, Delhi (1996)

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Structure of Syllabus (NEP 2020)

B. Sc. Part- I Semester –II

Name of the Paper: Geomorphology-II

Paper Code: DSC 1– 2

Lectures- 30

Course Credit: 2

Total Marks- 50

Course Objectives:

1. To familiarize the student with some Geomorphic process.
2. To study the theories and concepts in Geomorphology.
3. To study the Evolution of Landforms.

Learning Outcomes:

1. Understand the basic concept in geomorphology.
2. To understand the conceptual and dynamic aspects of landform development.
3. Students will also learn the relevance of applied aspects of Geomorphology in various fields.

Contents of the course

Unit No.	Details	No. of Lectures/ Periods	No. of Credits
1	Rocks and Geomorphic Processes 1.1 Rocks: Types and characteristics 1.2 Weathering: Meaning and Types 1.3 Mass wasting 1.4 Cycle of Erosion by W.M. Davis	15	1
2	Evolution of Landforms (Erosional and Depositional) 2.1 Fluvial 2.2 Aeolian 2.3 Glacial 2.4 Coastal	15	1

References:

- 1) Worcester P.G (1969): A Textbook of Geomorphology, VAN Nostrand Reinhold Company, New York, U.S.A
- 2) Dayal P. (1996): Text Book of Geomorphology, Shukla Book Depot, Patana
- 3) Majid Husain (2001): Fundamentals of Physical Geography, Rawat Publications, Jaipur.
- 4) Singh Savindra (2003): Physical Geography, Prayag Pustak Bhavan, Allahabad.
- 5) Bloom A.L. (2004): Geomorphology, Waveland press INC.
- 6) Leong Goh Cheng (2013): Physical and Human Geography, Oxford University Press, New Delhi.
- 7) Maske and Nagare (2019): Geomorphology, Mayur Publication and Distributor, Solapur
- 8) Shinde Ankush and wagh Arjun (2023): An Introduction to Geomorphology, IIP Chikmangrul Karnataka
- 9) Magar Tanaji: Basic Concepts in Physical Geography- Think Tank Publication

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Structure of Syllabus (NEP 2020)

B. Sc. Part- I Semester –II

Name of the Paper: Relief Profile Analysis (Practical –II)

Paper Code: DSC 1 – 2 P

Total Lectures- 60

Course Credit: 2

Total Marks- 50

Course Objectives:

1. To introduce the qualitative methods of relief features.
2. To study the quantitative methods of relief features.

Learning Outcomes:

1. Understand the qualitative methods of relief features.
2. Students knows quantitative methods of relief features.

Contents of the course

Unit No.	Details	No. of Lectures/ Periods	No. of Credits
1	Representation of Relief by Contours Hill, Mountain, Ridge, Cliff, Saddle, Plateau, Col or Pass, Gorge, 'V' Shaped Valley, Waterfall, 'U' Shaped Valley, Cirque, Sea cliff.	30	1
2	Profile Serial profile, Superimposed profile, Composite profile, Projected profile	30	1

References:

1. Misra R. P. and Ramesh A. (1969): Fundamentals of Cartography, Concept Publishing Company, New Delhi
2. Robinson A. H., Morrison J. L., Muehrcke P. C., Kimerling A. J., Guptill S. C. (1995): Elements of Cartography: Wiley Publishers
3. Mac Eachren A.M. (1994): Some Truth with Maps - A Primer on Symbolization and Design, University Park: The Pennsylvania State University.
4. Mishra R.P. (2014): Fundamentals of Cartography, Concept Publishing Co.
5. Monmonier M. (1991): How co Lie with Maps, Chicago: University of Chicago Press.

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Structure of Syllabus (NEP-2020)

B.Sc. Part- I Semester- I

Name of the Paper: Physical Geography of Maharashtra

Paper Code: OE / GE - 1

Total Lecture- 30

Course Credit: 2

Total Marks- 50

Course Objective:

- 1) To acquaint the student with basic Physical knowledge of Maharashtra.
- 2) To acquaint the student with prospects and problems of Maharashtra.

Learning Outcome:

- 1) Student will familiar with prospective of Maharashtra.
- 2) Student Enhance his knowledge for doing research on Maharashtra's problem and futuristic development plan for Maharashtra

Content of the Course

Unit No	Details	No. of Lectures/ Period	No. of Credits
1	Physiography and Climate 1.1 Location 1.2 Physiography 1.3 Drainage Pattern 1.4 Climate	15	1
2	Soil, Natural Vegetation and Resources 2.1 Soil: Types and Distribution, Soil Conservation 2.2 Natural Vegetation: Types and Distribution, Deforestation Causes and Effects 2.3 Mineral Resources: Iron ore, Manganese, Bauxite 2.4 Power Resources: Coal and Petroleum	15	1

References:

- 1) Arunachalam B., (1967), Maharashtra – A study in Physical and Regional Setting, Sheth and Co., Mumbai.
- 2) Deshpande, C. D. (1971). Geography of Maharashtra. National Book Trust, New Delhi.

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B. Sc. Part- I Semester- II

Name of the Paper: Tourism Planning and Management

Paper Code: SEC 2

Total Lecture- 30

Course Credit: 2

Total Marks- 50

Objectives:

- To acquaint the student planning of tourism.
- To familiarise the student about management and services of travel agencies.

Outcome:

- Understand about the planning of tourism.
- Understand the student about management and services of travel agencies.

Content of the Course

Topic No	Content	No. of Lectures	No of Credits
1	Tourism Planning 1.1 Concept of Tourism Planning 1.2 Types of Tourism Planning – National, Regional and Local 1.3 Problems in Tourism Planning 1.4 Preparation of itinerary planning	15	1
2	Tourism Management 2.1 Concept of Tourism management 2.2 Travel formalities and regulations – passport, visa, foreign exchange, customs and immigration etc. 2.3 Major travel agencies in world: PATA and TAAI 2.4 Limitations of tourism management	15	1

Reference Book:

1. World Travel and Tourism Council: Travel and Tourism Global economic impact and Trends, Gloria Guevara manzo, President and CEO (2019)
2. Md. Abu Barkat Ali: Travel and Tourism Management, Prentice Hall India Learning Private Limited, 2015.
3. M. R. Dileep: Tourism, Transport and Travel Management, Routledge publisher, 2019.

4. Ratandeep Singh: Tourism and Development Management: Practice and Procedures, Kanishka Publishing House 2008
5. Ratandeep singh: Handbook of tour and travel management, kanishka publishers distributors, 2018.
6. Sinha P. C.: Tourism transport and travel management, Anmol Publisher, 2011.
7. Sushma Seth Bhat and Pran Nath Seth: Travel and Tourism, Penguin Books Ltd, 2003.