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

SHIVAJI UNIVERSITY, KOLHAPUR
416 004, MAHARASHTRA
PHONE : EPABX – 2609000, BOS Section – 0231-2609094, 2609487
Web : www.unishivaji.ac.in Email: bos@unishivaji.ac.in
शिवाजी विद्यापीठ, कोल्हापूर, ४१६ ००४, महाराष्ट्र
दूरध्वनी - इपीबीएक्स - २०६०९०००, अभ्यासमंडळे विभाग : ०२३१- २६०९०९४, २६०९४८७
वेबसाईट : www.unishivaji.ac.in ईमेल : bos@unishivaji.ac.in

Ref. No./SU/BOS/Humanities/ 878 Date :27/12/2023

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

Subject : Regarding syllabi of B. A. Part I (sem. I & II) degree programme under the Faculty of Humanities as per National Education Policy, 2020 (NEP 2.0)

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 I (Sem. I & II) under the Faculty of Humanities as per National Education Policy, 2020. (NEP 2.0)

English	Marathi	Hindi	Sanskrit	Kannada
Urdu	Ardhamagadhi	Sociology	Psychology	Economics
History	Political Science	Philosophy	Geography	Scientific Method
Indian Knowledge System (IKS) (Generic)				

This syllabi shall be implemented from the academic year 2024-25 onwards . A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in (Online Syllabus).

The question paper on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October/November 2024 & March/ April, 2025. These chances are available for repeater students, if any.

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

SHIVAJI UNIVERSITY, KOLHAPUR

Established: 1962

A++ Accredited by NAAC (2021) With CGPA 3.52

Bachelor of Arts (B. A. in Geography)

Under
Faculty of Science and Technology

B. A. / B. A. B. Ed. Part-I (Semester – I and II)

STRUCTURE AND SYLLABUS IN ACCORDANCE WITH

NATIONAL EDUCATION POLICY – 2020

HAVING CHOICE BASED CREDIT SYSTEM

WITH MULTIPLE ENTRY AND MULTIPLE EXIT OPTIONS

TO BE IMPLEMENTED FROM ACADEMIC YEAR 2024-2025 ONWARDS

Shivaji University, Kolhapur

First Year Bachelor of Arts (B. A.-I) (UG CERTIFICATE) in Geography

Year	B. A. / B. A. B. Ed. - I
Semester	I & II
Level	4.5
Total Credits	22 + 22 = 44
Degree Awarded	UG CERTIFICATE (After 44 Credits in Total)

A-I) B. A. / B. A. B. Ed. – I: Semester-I (Total Credits-22):

Course Category		Course Name	Course Code	Credits
Major	Mandatory	Fundamentals of Geomorphology – P 01	BAU0325MMH222A01	**4**
Minor	--	Physical Geography – P 01	BAU0325MNH222A01	**4**
IDC/MDC / GEC/OE	IDC-STD	Science, Technology and Development (STD) – P 01	BAU0325IDH222A01	**4**
	OE	Natural Disaster Management and Field Work – P 01	BAU0325OEH222A01	**4**
VSC/SEC	SEC	Basics of Remote Sensing - P 01 Or Basic Concept of Tourism – P 01	BAU0325SEL222A01	**2**
AEC/VAC / IKS	AEC	English – P 01		**2**
	VAC	Democracy		**2**
	IKS	Cultural Geography of India-I	BAU0325IKL222A01	**2**
Credits for B. A./ B. A. B. Ed. – I SEM-I				**22**

A-I) B. A. / B. A. B. Ed. – II: Semester-II (Total Credits-22):

Course Category		Course Name	Course Code	Credits
Major	Mandatory	Introduction to Climatology – P 02	BAU0325MMH222B02	**4**
Minor	--	Physical Geography – P 02	BAU0325MNH222B02	**4**
IDC/MDC/ GEC/OE	IDC-STD-II	Science, Technology and Development (STD)– P 02	BAU0325IDH222B02	**4**
	OE-II	Manmade Disaster Management and Surveying – P 02	BAU0325OEH222B02	**4**
VSC/SEC	SEC-II	Basics of Remote Sensing – P 02 **Or** Components of Tourism – P 02	BAU0325SEL222B02	**2**
AEC/VAC/ IKS	AEC	English – P – 02		**2**
OJT/FP/ CEP/CC/ RP	CEP (Major)	Acquisition of Social Data	BAU0325CEL222B	**2**
	CC	Geographical Photography	BAU0325CCL222B	**2**
Credits for B. A./ B. A. B. Ed. – I SEM-II				**22**

Shivaji University, Kolhapur

B.A.-I / B. A. B. Ed.-I

Major- P 01: Fundamentals of Geomorphology-I (Geography) as per NEP 2020

Name of the Pragramme	**:**	B.A. (GEOGRAPHY)
Class	**:**	B.A.-I / B. A. B. Ed.-I
Semester	**:**	I
Name of Vertical Group	**:**	Major Core (V-1)
Course Code	**:**	BAU0325MMH222A01
Course Title	**:**	**Fundamentals of Geomorphology-I**
Total Credit	**:**	04
Workload	**:**	02 credits theory X 15 Hours= 30 hours in semester 02 credits Practical X 30 Hours= 60 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	80:20

Preamble:

Discover the secrets of Earth's changing looks in Geomorphology! Geomorphology at the B.A.-I/ B. A. B. Ed.-I level! Discover how Earth's landscapes change with forces like androgenetic and tectonic activity. Unravel the theories behind mountains, valleys, and river landforms. This course combines theory with real-world applications, helping you understand and appreciate the amazing ways our planet's surface transforms over time. Get ready for a hands-on journey into the secrets of Earth's ever-evolving scenery!

General Objectives of the Course:

1. To gain in-depth knowledge of the solar system, Earth's origin and fundamental geomorphological laws for a comprehensive grasp of geological evolution.
2. To know the earth's movements and weathering of rock, facilitating the recognition of geographical features developed by denudation agent.
3. To create ability of calculation slope, relief features and draws various profiles.
4. To awareness about advance GIS web portals and apply knowledge through case studies, analyzing geographical incidents, fostering problem-solving skills with a focus on India and local.

Course Outcomes:

By the end of the course:

1. Students will possess a comprehensive understanding of the solar system, Earth's origin, and geological era.
2. They will demonstrate proficiency in analyzing rocks, process of weathering, river erosional and depositional feature and apply knowledge for urban planning.

3. Students will familiarise with cartography and understand importance of Bhuvan and Google earth portal.
4. Students will acquire ability of conversion of scale, download satellite data, calculate slope and draw profile manually as well as with the help of web portal.

Nature of Question Paper:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study/Group Activity

Theory Modules

Module No.	Module Name	Sub-module	No. of hours	Credit
1	Earth System	1.1 Origin of Earth and its forms 1.2 Fundamental concept of geomorphology (Laws) 1.3 Geological timescale, Interior of earth 1.4 Continental drift theory 1.5 Rocks: Characteristics, types, importance, and rock cycle	15	01
2	Earth Dynamics	2.1 Endogenetic and Exogenetic Earth's Movements 2.2 Weathering: meaning, types and controlling factors 2.3 Mass movement /Landslide 2.4 River: erosional and depositional features. 2.5 Application of geomorphology in Watershade management, Urban planning and Ministry of Earth Sciences	15	01

Practical Modules

Module No.	Module Name	Sub-module	No. of hours	Credit
1	Introduction to Cartography	1.1 Definition of cartography 1.2 The nature and scope of cartography. 1.3 Development of cartography 1.4 Importance of cartography 1.5 Introduction to Bhuvan Portal 1.6 Introduction to Google Earth	12	0.5
2	Map and Scale	Map: Definition and types of maps, Elements of map Exercise 1. Conversion of Scale Exercise 2. Construction of Simple graphical scale Exercise 3. Construction of Time-distance scale Exercise 4.Draw relief from toposheet by hachures, shading, contours and layer tints Exercise 5.Download DEM data from Bhuvan portal and understand relief by satellite images	24	0.75
3	Slope and Profiles	Exercise 6.Expressed Slopes with the help of	24	0.75

		contour: Gentle, Steep, Even, Uneven, Convex, Concave, Terraced. Exercise 7.Calculate Slopes: Gradient, Degree, Percent and Mills Exercise 8.Draw Superimposed Profile from toposheet. Exercise 9. Longitudinal Profile with help of Bhuvan portal Exercise 10. Identification of types of Slope with Google earth Exercise 11.Case Studies: Fold, Fault, Earthquake, Landslide, fluvial landforms: reporting of latest incidents (At least two case studies reference to India)		

Suggested Readings

1. Dayal, P; A Text book of Geomorphology. Shukla Book depot, Patna,1996.

2. Dury, G.H. : The Face of the Earth, Penguins, 1980.

3. Ernst, W.G.: Earth systems - Process and Issues. Cambridge University Press,2000.

4. ICSSR: A Survey of Research in Physical Geography. Concept, New Delhi, 1983.

5. Kale V. and Gupta, A: Element of Geomorphology, Oxford University Press, Calcutta,2001

6. Singh,S. :Geomorphology, PrayagPustakalaya, Allahabad,1998.

7. सवदीवकोळेकर; प्राकृतिकभूगोल. **निरालीप्रकाशनपुणे**. २०२०

8. दातेवदाते; प्राकृतिकभूविज्ञान. **अनिरुद्धपब्लिशिंगहाऊस**, पुणे. २०२०

9. आर. जी. जाधव; प्राकृतिकभूगोल. **प्रारुपपब्लिकेशन**, कोल्हापूर. २०२०

10. सवदीवकोळेकर; **प्राकृतिकभूगोलआणिभूरूपशास्त्र**. डायमंडप्रकाशनपुणे. २०१४

11. मोरेवपगार;प्राकृतिकभूगोल. **प्राकृतिकभूगोल**. निरालीप्रकाशनपुणे.२०१९

12.अर्जुन कुंभार; प्रात्यक्षिक भूगोल, सुमेरू **प्रकाशन** डोंबिवली १९९४.

13. जयकुमार मगर; प्रात्यक्षिक भूगोल, **विद्या** प्रकाशन नागपूर २०२१

14. बी.एस. शिंदे; नकाशाशास्त्र, **फडके प्रकाशन**, २००२.

15. सवदी व हर्डिकर; प्रायोगिक भूगोल आणि नकाशावाचन, जमनादास आणि कंपनी १९८६

16. गाताडे; प्रात्यक्षिक भूगोल, **अक्षरलेखण प्रकाशन**, २००८.

Web links:

Bhuvan	Ministry of Earth Sciences	Windy Portal	NASA Worldview

Shivaji University, Kolhapur

B.A.-I / B. A. B. Ed.-I

Major-02: Introduction to Climatology-II (Geography) as per NEP 2020

Name of the Pragramme	**:**	B.A. (GEOGRAPHY)
Class	**:**	B.A. / B. A. B. Ed.-I
Semester	**:**	II
Name of Vertical Group	**:**	Major Core (V-2)
Course Code	**:**	BAU0325MMH222B02
Course Title	**:**	**Introduction to Climatology-II**
Total Credit	**:**	04
Workload	**:**	02 credits theory X 15 Hours= 30 hours in semester 02 credits Practical X 30 Hours= 60 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	80:20

Preamble:

Embark on a comprehensive exploration of Climatology for B.A/B.Ed. first year, II semester. Begin by understanding fundamental concepts like Weather, Climate, Climatology, and Meteorology. To provide knowledge related to the composition, structure and significance of the atmosphere, utilizing data from IMD and various sources. Learn and experience temperature distribution factors, pressure belts, wind types, and precipitation patterns of world through the course.

General Objectives of the Course:

1. To study atmospheric processes, composition and structure of the Atmosphere.
2. To learn utility of IMD data, atmospheric temperature, planetary winds and global issues
3. To interpret of Indian Daily Weather Maps, satellite image and learn various method of representation climate data.
4. To Explore various web portal for climatic studies.

Course Outcomes:

By the end of the course, students would be able to:

1. Comprehensive Understanding: Students will demonstrate a thorough comprehension of basic weather and atmospheric processes, composition and structure of the Atmosphere.
2. Atmospheric Proficiency: Student will analyse the composition, structure, and significance of the atmosphere, utilizing IMD data and various sources.
3. Environmental Awareness: Student will investigate global issues such as global warming, climate change.
4. Student will able to interpret daily weather condition and predict weather forecast.

Nature of Question Paper:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study/Group Activity

Theory Modules

Module No.	Module Name	Sub-module	No. of hours	Credit
1	The Atmosphere	1.1 Basic Concepts: Weather and Climate, Climatology and Meteorology 1.2 Composition and structure of the Atmosphere 1.3 Importance of atmosphere 1.4 IMD and Sources of Atmospheric Data 1.5 Factors affecting on the distribution of temperature 1.6 Vertical, horizontal and seasonal distribution of temperature.	15	01
2	Elements of Atmosphere	2.1. Atmospheric Pressure and factors affecting on distribution of air pressure 2.2 Origin and distribution of pressure belts 2.3 Types of Wind and Precipitation 2.4 Global issues: Global warming and Climate change. 2.5 Regional issues: floods, droughts and weather variations	15	01

Practical Modules

Module No.	Module Name	Sub-module	No. of hours	Credit
1	Representation of Climatic data:	Exercise 01. Draw a Climograph Exercise 02.Draw a Hythergraph Exercise 03.Draw a Windrose	12	0.25
2	Interpretation of Indian Daily Weather Maps	Exercise 04. Identify and draw Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression Exercise 05.Draw IMD Sign and Symbols Exercise 06.Interpretation of Indian Daily Weather Maps (Only summer season) (Marginal Information, Pressure, Winds, Clouds, Rainfall, Other conditions, Sea Condition, Temperature departure from normal.) *8* 07.Visit to nearby weather station	20	0.75
3	Windy and IMD satellite image interpretation	Exercise 8. Elements of IMD satellite image interpretation Exercise 9. Interpretation of INSAT-3D IMG, Infrared, Visible, Water Vapour, Cloud Top Brightness Temperature Exercise 10. Introduction to Windy Portal, understand weather elements Exercise 11. Interpretation of current Indian	28	01

		weather data Exercise 12. Assessing Floodwaters with NASA Worldview (EOSDIS Worldview (nasa.gov))		

Suggested Readings:

1. Barry, R.G. and Chorley P.J.; Atmosphere, Weather and Climate, Routledge, London
2. and New York, 1998.
3. Critchfield, J.H. : General Climatology, Prentice Hall, India, New Delhi, 1993.
4. Peterson, S. :Iontroduction to Meteorology, Mc Graw Hill Book, London,1969.
5. Robinson, P.J. and Henderson S. :Contemporary Climatology, Henlow, 1999.
6. Thompson, R.D. and Perry, A (ed.): Applied Climatology, Principles and Practice, Routledge, London, 1997.
7. D.S. Lal: Climatology, ShardaPustakBhavan, Allahabad, 2010.
8. सवदीवकोळेकर; मानवीभूगोल, निरालीप्रकाशनपुणे२०२०
9. सवदीवकोळेकर; प्राकृतिकभूगोल. निरालीप्रकाशनपुणे. २०२०
10. दातेवदाते; प्राकृतिकभूविज्ञान. अनिरुद्धपब्लिशिंगहाऊस, पुणे. २०२०
11. मोरेवपगार;प्राकृतिकभूगोल. प्राकृतिकभूगोल. निरालीप्रकाशनपुणे.२०१९
12. अर्जुन कुंभार; प्रात्यक्षिक भूगोल, सुमेरू प्रकाशन डोंबिवली १९९४.
13. जयकुमार मगर; प्रात्यक्षिक भूगोल, विद्या प्रकाशन नागपूर २०२१
14. बी.एस. शिंदे; नकाशाशास्त्र, फडके प्रकाशन, २००२.
15. सवदी व हर्डिकर; प्रायोगिक भूगोल आणि नकाशावाचन, जमनादास आणि कंपनी १९८६
16. गाताडे; प्रात्यक्षिक भूगोल, अक्षरलेखण प्रकाशन, २००८.

Shivaji University, Kolhapur

B.A.-I / B. A. B. Ed.-I

Minor-P 01: Physical Geography-I (Geography) as per NEP 2020

Name of the Pragramme	**:**	B.A. (GEOGRAPHY)
Class	**:**	B.A.-I/ B. A. B. Ed.-I
Semester	**:**	I
Name of Vertical Group	**:**	Minor
Course Code	**:**	BAU0325MNH222A01
Course Title	**:**	**Physical Geography-I**
Total Credit	**:**	04
Workload	**:**	02 credits theory X 15 Hours= 30 hours in semester 02 credits Practical X 30 Hours= 60 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	80:20

Preamble:

Welcome to the fascinating realm of Physical Geography at the BA/ B.Ed. first year. Delve into the intricacies of Earth's physical processes, transformation of genesis of landforms to the dynamics of climates. This course combines theory with real-world applications, helping you understand and appreciate the amazing ways our planet's surface transforms over time. Get ready for a hands-on journey into the secrets of Earth's ever-evolving scenery!

General Objectives of the Course:

1. To gain in-depth knowledge of the solar system, Earth's origin, earth movement and Interior of earth and Plate Tectonics theory.
2. To study various features created by erosional activity of river, sea waves and weathering process.
3. To learn cartography as an important branch geography and aware to the students regarding web portal related to physical geography.
4. To offer practical experience of draw scale, calculate slope and various types of cross profiles.

Course Outcomes:

By the end of the course:

1. Students will possess a comprehensive understanding of the solar system, Earth's origin, and plate tectonic theory.
2. They will demonstrate various features created by erosional activity of river, sea waves.
3. Students will apply theoretical knowledge to real-world scenarios, emphasizing disaster management, urban planning.
4. Students will draw graphical scale, cross profiles and calculate slope and get experience of current satellite data of NASA Worldview Portal.

Nature of Question Paper:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study/Group Activity

Theory Modules

Module No.	Module Name	Sub-module	No. of hours	Credit
1	Earth System	1.1 Definition, Nature and Scope of Physical Geography 1.2 Origin of Earth and Geological timescale. 1.3 Interior of earth and Plate Tectonics theory 1.4 Ministry of Earth Sciences	15	01
2	Earth Dynamics	2.1 Endogenetic and Exogenetic Earth's Forces 2.2Weathering: meaning, types, controlling factors and its importance 2.3Erosional and depositional features: River and sea waves 2.4 Application of geomorphology in Watershade management and Urban planning	15	01

Practical Modules

Module No.	Module Name	Sub-module	No. of hours	Credit
1	Introduction to Cartography	1.1 Definition, nature and scope of cartography. 1.2 Development of cartography 1.3 Importance of cartography 1.4 Introduction to Bhuvan Portal 1.5 Introduction to Google Earth 1.6 Introduction to NASA Worldview Portal	12	0.5
2	Map and Scale	Map: Definition, types and Elements of maps Exercise 1. Conversion of Scale Exercise 2. Construction of Simple graphical scale Exercise 3. Construction of Time-distance scale Exercise 4.Draw relief from toposheet by hachures, shading, contours and layer tints Exercise 5.Download DEM data from Bhuvan portal and understand relief by satellite images	24	0.75
3	Slope and Profiles	Exercise 6.Expressed Slopes with the help of contour: Gentle, Steep, Even, Uneven, Convex, Concave, Terraced. Exercise 7.Calculate Slopes: Gradient, Degree, Percent and Mills Exercise 8.Define watershade border with the help of toposheet Exercise 9. Longitudinal Profile with help of Bhuvan portal Exercise 10. Identification of types of Slope	24	0.75

		with Google earth Exercise 11.Case Studies: fluvial landforms; Coastal Landforms		

Suggested Readings

1. Dayal, P; A Text book of Geomorphology. Shukla Book depot, Patna,1996.

2. Dury, G.H. : The Face of the Earth, Penguins, 1980.

3. Ernst, W.G.: Earth systems - Process and Issues. Cambridge University Press,2000.

4. ICSSR: A Survey of Research in Physical Geography. Concept, New Delhi, 1983.

5. Kale V. and Gupta, A: Element of Geomorphology, Oxford University Press, Calcutta, 2001

6. SinghSavindra:Geomorphology, PrayagPustakalaya, Allahabad,1998.

7. सवदीवकोळेकर; प्राकृतिकभूगोल. निरालीप्रकाशनपुणे. २०२०

8. दातेवदाते; प्राकृतिकभूविज्ञान. अनिरुद्धपब्लिशिंगहाऊस, पुणे. २०२०

9. आर. जी. जाधव; प्राकृतिकभूगोल. प्रारुपपब्लिकेशन, कोल्हापूर. २०२०

10. सवदीवकोळेकर; प्राकृतिकभूगोलआणिभूरूपशास्त्र. डायमंडप्रकाशनपुणे. २०१४

11. मोरेवपगार;प्राकृतिकभूगोल. प्राकृतिकभूगोल. निरालीप्रकाशनपुणे.२०१९

10. मोरेवपगार;प्राकृतिकभूगोल. प्राकृतिकभूगोल. निरालीप्रकाशनपुणे.२०१९

Shivaji University, Kolhapur

B.A.-I / B. A. B. Ed.-I

Minor-P 02: Physical Geography-II (Geography) as per NEP 2020

Name of the Pragramme	**:**	B.A. (GEOGRAPHY)
Class	**:**	B.A.-I/ B. A. B. Ed.-I
Semester	**:**	II
Name of Vertical Group	**:**	Minor
Course Code	**:**	BAU0325MNH222B02
Course Title	**:**	**Physical Geography-II**
Total Credit	**:**	04
Workload	**:**	02 credits theory X 15 Hours= 30 hours in semester 02 credits Practical X 30 Hours= 60 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	80:20

Preamble:

Welcome to Physical Geography-II at the B.A.-I/ B. A. B. Ed.-I level! Explore what it is and its importance. Dive into how web portal weather data and understand different concepts of climatology such as cyclone, isobaric pattern and Ministry of Earth Science. Learn about climate distribution, especially in India, and discover how economic activities and weather patterns shape our world.

General Objectives of the Course:

1. To grasp information of atmosphere composition and structure, factors affecting distribution, studying vertical, horizontal, and seasonal variations of temperature and pressure belts, wind types, precipitation and utility of IMD data.
2. To learn global warming, climate change, floods, droughts and explore various web portal for climatic studies.
3. To interpret of Indian Daily Weather Maps, satellite image and learn various method of representation climate data.
4. To aware the students about use of advance technology for understand weather conditions such as Windy and IMD satellite image.

Course Outcomes:

By the end of the course, students would be able to:

1. Atmospheric Proficiency: Students will analyze the composition, structure, and significance of the atmosphere, utilizing IMD data and various sources.
2. Environmental Awareness: Students will demonstrate thorough comprehension of basic weather and global warming, climate change, floods, droughts.
3. Comprehensive Understanding: Student will understand various components of weather and able to interpret Indian Daily Weather Maps.
4. Student will able to interpret satellite image and learn various method of representation climate data and learn parameters of weather forecast.

Nature of Question Paper:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study/Group Activity

Theory Modules

Module No.	Module Name	Sub-module	No. of hours	Credit
1	The Atmosphere	1.1 Basic Concepts: Weather and Climate, Climatology and Meteorology 1.2 Composition and structure of the Atmosphere 1.3 Importance of atmosphere 1.4 IMD and Sources of Atmospheric Data 1.5 Factors affecting the distribution of temperature	15	01
2	Elements of Atmosphere	2.1. Vertical, horizontal and seasonal distribution of temperature. 2.2 Origin and distribution of pressure belts 2.3 Types of Wind and Precipitation 2.4 Global issues: Global warming and Climate change. 2.5 Regional issues: floods, droughts and weather variations	15	01

Practical Modules

Module No.	Module Name	Sub-module	No. of hours	Credit
1	Representation of Climatic data:	Exercise 01. Draw a Climograph Exercise 02. Draw a Hythergraph Exercise 03.Draw a Windrose	12	0.25
2	Interpretation of Indian Daily Weather Maps	Exercise 04. Identify and draw Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression Exercise 05. Draw IMD Sign and Symbols Exercise 06.Interpretation of Indian Daily Weather Maps (Only summer season) (Marginal Information, Pressure, Winds, Clouds, Rainfall, Other conditions, Sea Condition, Temperature departure from normal.) *8* 07.Visit to nearby weather station	20	0.75
3	Windy and IMD satellite image interpretation	Exercise 8. Elements of IMD satellite image interpretation Exercise 9. Interpretation of INSAT-3D IMG, Infrared, Visible, Water Vapour, Cloud Top Brightness Temperature Exercise 10. Introduction to Windy Portal, understand weather elements Exercise 11. Interpretation of current Indian weather data Exercise 12. Assessing Floodwaters with NASA Worldview (EOSDIS Worldview (nasa.gov))	28	01

Suggested Readings

1. Barry, R.G. and Chorley P.J.; Atmosphere, Weather and Climate, Routledge, London and New York, 1998.
2. Critchfield, J.H. : General Climatology, Prentice Hall, India, New Delhi, 1993.
3. Peterson, S. :Iontroduction to Meteorology, Mc Graw Hill Book, London,1969.
4. Robinson, P.J. and Henderson S. :Contemporary Climatology, Henlow, 1999.
5. Thompson, R.D. and Perry, A (ed.): Applied Climatology, Principles and Practice, Routledge, London, 1997.
6. D.S. Lal: Climatology, ShardaPustakBhavan, Allahabad, 2010.
7. सवदीवकोळेकर; मानवीभूगोल, **निरालीप्रकाशनपुणे**२०२०
8. सवदीवकोळेकर; प्राकृतिकभूगोल. निरालीप्रकाशनपुणे. २०२०
9. दातेवदाते; प्राकृतिकभूविज्ञान. **अनिरुद्धपब्लिशिंगहाऊस**, पुणे. २०२०
10. आर. जी. जाधव; प्राकृतिकभूगोल. प्रारुपपब्लिकेशन, कोल्हापूर. २०२०
11. मोरेवपगार;प्राकृतिकभूगोल. **प्राकृतिकभूगोल**. निरालीप्रकाशनपुणे.२०१९
12. अर्जुन कुंभार; प्रात्यक्षिक भूगोल, **सुमेरू** प्रकाशन डोंबिवली १९९४.
13. जयकुमार मगर; प्रात्यक्षिक भूगोल, विद्या प्रकाशन नागपूर २०२१
14. बी.एस. शिंदे; नकाशाशास्त्र, **फडके प्रकाशन**, २००२.
15. सवदी व हर्डिकर; प्रायोगिक भूगोल आणि नकाशावाचन, जमनादास आणि कंपनी १९८६
16. गाताडे; प्रात्यक्षिक भूगोल, **अक्षरलेखण प्रकाशन**, २००८.

Windy Portal	NASA Worldview	IMD satellite image	Zoom Earth

Shivaji University, Kolhapur

B. A. / B. A. B. Ed.- I

IDC P01 & 02: Science, Technology and Development (STD) – I and II

as per NEP 2020

Name of the Programme	**:**	B.A.I (STD)
Class	**:**	B.A./B. A. B. Ed.-I
Semester	**:**	I and II
Name of Vertical Group	**:**	IDC (V-3)
Course Code	**:**	BAU0325IDH222A01 and BAU0325IDH222B02
Course Title	**:**	**Science, Technology and Development (STD)-I**
Total Credit	**:**	02 + 02 each semester
Workload	**:**	Theory: 02 credit X 15 Hours= 30 hours in each semester Practical: 02 Credit X 30 hours = 60 hours in each semester
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	80:20

Preamble:

This paper is specially designed to cater to foundation building of the students by imparting knowledge about the science, technology and development. Students of B. A. Part-I can better understand all latest concepts in Science, Technology and Development in brief but in adequate manner. The objective of this course is to introduce the latest concepts in Science, Technology and Development, specifically fundamental concepts in scientific thinking, human health, Practical on one dimensional graph, Two dimensional diagrams,Concept of Data, Sampling, Preparation of Questionnaire and Schedule, Data tabulation and Interpretation,disaster management, communication and space research,hands on google earth, design blog,website,podcastand vodcast,National Digital Library of India (NDLI): Register and review of book, article, etc. Practical on Fire Extinguisher, Rain Guage, Isolines, Preparation of Disaster Management Plan.

General Objectives of the Course:

1) To study the fundamental concepts of science, technology and development.
2) To study impact of science and technology on human health.
3) To practically studyone dimensional graph andtwo dimensional diagrams.
4) TopracticallystudyConcept of Data, Sampling, Preparation of Questionnaire and Schedule and Data tabulation and Interpretation.
5) To study various types of disasters and its management.
6) To study means of communication and space research.

7) To develop the skills with hands on and Google Earth, Design Blog, Website, Podcast and vodcast, NDLI: register and review of book, article etc.

8) To study of Fire Extinguisher, Rain Guage, Isolines, Preparation of Disaster Management Plan.

Course Outcomes:

By the end of the course, students will be able to:

1) Understand in-depth about the concepts of science, technology and development.

2) Understand impact of science and technology on human health.

3) Develop practical skills related to one dimensional graph and two dimensional diagrams.

4) Applications of skills related to Sampling, Preparation of Questionnaire and Schedule and Data tabulation and Interpretation.

5) Understand types of disasters and its management and its application in real life.

6) Understand means of communication and space research.

7) Develop practical skills in Google Earth, Design Blog, Website, Podcast and vodcast, NDLI: register and review of book, article etc.

8) Develop practical skills in Fire Extinguisher, Rain Guage, Isolines, Preparation of Disaster Management Plan.

Nature of Question Paper:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study/Group Activity

Shivaji University, Kolhapur

B.A.-I / B. A. B. Ed.-I

IDC P01: Science, Technology and Development (STD) – I as per NEP 2020

Course Code: BAU0325IDH222A01

Module No.	Module Name	Sub-module	No. of hours	Credit
1	**Introduction to Science and Technology**	1.1 Science and Technology: Definitions, Nature and Scope 1.2 Fundamental Concepts in Scientific Thinking 1.3 Stages in the Study of Science Observation, Experiment, Analysis, Result and Hypothesis. 1.4 Science and Superstitions 1.5 Development of Science and Technology in India 1.6 Impact of Science and Technology on Society	15	01
2	**Science, Technology and Human Health**	2.1 Human Blood: Blood Groups, Importance of Matching Blood Groups in Human Health 2.2 Addiction a Social Problem: Types, Causes, Effects and Solutions 2.3 AIDS: A Challenge before World, Facts, Figures, Causes, Effects, Treatment, Social Outlook. 2.4 Cancer: concept, causes, symptoms, types and treatment. 2.5 Need of Cleanliness: Swachh Bharat Abhiyan	15	01
3	**Representation of Statistical Data (Practical)**	**3.1 One Dimensional Graphs** a) Line Graphs b) Bar Graphs **3.2 Two Dimensional Diagrams** a) Proportional Circle b) proportional Square	30	01
4	**Research Methodology (Practical)**	4.1 Data: Concept and Types 4.2 Sampling: meaning, Types and Selection 4.3 Preparation of Questionnaire and Schedule 4.4 Data tabulation and Interpretation	30	01

Suggested Readings

1. Annual Review of Information Science and Technology (ARIST) 39. By Blaise Cronin, Information Today, 2004.
2. Bagila A.V. (Ed) Science and Society, Lavani Publication House, 1972. Encyclopaedia of Computer Science and Technology (Facts on File Science Library) – Import, 15 Jan 2009
3. Bajipai, S.R.: Methods of Social Survey and Research, Kanpur, Kitabghar Publication, 1960.
4. Bose D.M (Ed), A Concise History Science in India, Indian National Science Academy, 1971.
5. Butle J.A.V, Science and Human Life, Pergamon Press, London. (Year)

6. Encyclopaedia of Space Science and Technology, Wiley Online Library.
7. Encyclopaedia Britannica.
8. Flower W.S, The Development of Scientific Method, Pergamon Press, London, 1962.
9. Good and Hatt: Methods in Social Research, McGraw-Hill, Kogakusha Ltd.,1952.
10. Kothari, C. R.: Research Methodology, New Delhi, WishwaPrakashan, 1996.
11. Krishnaswami, O.R.: Methodology of Research in Social Sciences, Bombay, Himalaya Publishing House, 1998.
12. Practical Geography: Dr. Khullar (1997), King Books 4524, Dia ward, Delhi, 110006

मराठीपुस्तके

1. विज्ञानाचा समाज धारणेवरील परिणाम – दीक्षित कमलाकर, समाज प्रबोधन संस्था
2. शास्त्रीय विचार पद्धती - अ.भि. शहा, समाज प्रबोधन संस्था
3. जीवनाभिमुख विज्ञान – शिवाजी विद्यापीठ प्रकाशन
4. वैज्ञानिक अभ्यासाची गाथा - शिवाजी विद्यापीठ प्रकाशन
5. विज्ञान, तंत्रज्ञान आणि प्रगती - डॉ.पवार जयसिंगराव, प्रा. सूयवंशी निशांत फडके प्रकाशन कोहापूर
6.विज्ञान, तंत्रज्ञान आणि प्रगती – प्रा. पाटील हरिश्चंद्र, प्रा. घस्ते अनिल, प्रा. पाटील अरुण, प्रा. मानेदेशमुखरामराजे, निराली प्रकाशन, पुणे
7. मराठी विश्वकोश
8. अहिरराव, अलिझाड: प्रात्यक्षिक भूगोल, विद्या प्रकाशन, नागपूर.

Websites

e-PG Pathshala: https://epgp.inflibnet.ac.in/
MOOCS - NPTEL: https://nptel.ac.in/
MOOCS - SWAYAM: https://swayam.gov.in/
National Digital Library of India: https://ndl.iitkgp.ac.in/
Shivaji University Library (E-Resources): http://www.unishivaji.ac.in/library/E-Resources

Shivaji University, Kolhapur

B. A. / B. A. B. Ed. -I

IDC P02: Science, Technology and Development (STD)- II as per NEP 2020

Course Code: BAU0325IDH222B02

Module No.	Module Name	Sub-module	No. of hours	Credit
1	**Disaster Management**	1.1 Disaster: Concept and Types 1.2 Earthquake 1.3 Flood 1.4 Drought 1.5 Fire 1.6 Accident 1.7 Crowd	15	01
2	**Means of Communication and Space Research**	2.1 A Brief History of Communication 2.2 Origin, Development and Importance of Computer 2.3 Computer Network 2.4 Internet 2.5 Indian Space Research Organization (ISRO) 2.6 Introduction of: a) Remote Sensing b) Geographical Information System (GIS)	15	01
3	**Applications of Computer (Practical)**	3.1 Hands on Google Earth: Point, Line and Polygon 3.2 National Digital Library of India (NDLI): Register and review of book, article, etc. 3.3 Design Blog and Website 3.4 Prepare Podcast and Vodcast	30	01
4	**Disaster Management Techniques (Practical)**	4.1 Fire Extinguisher: Types and Uses 4.2 Rain Guage: Concept, uses and Measurement 4.3 Isotherm and Isohyets 4.4 preparation of Disaster Management Plan	30	01

Suggested Readings

1. Annual Review of Information Science and Technology (ARIST) 39. By Blaise Cronin, Information Today, 2004.
2. Bagila A.V. (Ed) Science and Society, Lavani Publication House, 1972.
3. Bose D.M (Ed), A Concise History Science in India, Indian National Science Academy, 1971.
4. Butle J.A.V, Science and Human Life, Pergamon Press, London. (Year)
5. Disaster Management in India, Kadambari Sharma and Chiranjeev Avinash, Jnanda Prakashan, 2010.
6. Encyclopaedia Britannica.
7. Encyclopaedia of Computer Science and Technology (Facts on File Science Library) – Import, 15 Jan 2009

8. Encyclopaedia of Space Science and Technology, Wiley Online Library.

9. Maguire, D.J.: Computers in Geography, Longman Scientific and Technical Publication, London, 1989.

10. Mathur, P.M.: Computer Application in Geography, John wiley and Sons, New York, 1993.

11. Mark T.C.: NFPA Guide to Portable Fire Extinguishers, National Fire Protection Association, 2003.

मराठी पुस्तके

.1विज्ञानाचा समाज धारणेवरील परिणाम दीक्षित कमलाकर –, समाज प्रबोधन संस्था

2. शास्त्रीय विचार पद्धती .अ -भिशहा ., समाज प्रबोधन संस्था

3. जीवनाभिमुख विज्ञान – शिवाजी विद्यापीठ प्रकाशन

4. वैज्ञानिक अ□भ्यासाची गाथा श -िवाजी विद्यापीठ प्रकाशन

5. विज्ञान - तंत्रज्ञान आणि प्रगती ,डॉपवार जयस.ि ंगराव, प्रा□सूय .वंशी निशांत फडके प्रकाशन को□हापूर

6.विज्ञान– तंत्रज्ञान आणि प्रगती ,प्रा पाटील .हरिश्चंद्र, प्रा .घस्ते अिनल, प्रापाटील अरुण ., प्रामानेद .ेशमुखरामराजे, निराली प्रकाशन, पुणे

7. मराठी विश्वकोश

8. डॉ. संजय चकणे, डो। प्रमोद पाब्रेकर: आपत्ती व्यवस्थापनाचे आव्हान, जेनेरीक पब्लिकेशन, २०११.

9. भोळे, पाटील आणि जाधव: आपत्ती व्यवस्थापन, अथर्व पब्लिकेशन, २०२०.

Websites

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

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

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

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

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

For Google Earth Pro Software downloads:

https://www.google.com/intl/en_in/earth/about/versions /

https://podcasters.spotify.com/

https://podcastle.ai/blog/what-is-a-vodcast/

https://riverside.fm/blog/vodcast

Shivaji University, Kolhapur

B. A. / B. A. B. Ed. -I

OE P01: Natural Disaster Management and Field Work -I as per NEP 2020

Name of the Pragramme	**:**	B.A. (GEOGRAPHY)
Class	**:**	B.A.-I/ B. A. B. Ed.-I
Semester	**:**	I
Name of Vertical Group	**:**	OE (OPEN ELECTIVE COURSE)
Course Code	**:**	BAU0325OEH222A01
Course Title	**:**	**Natural Disaster Management and Field Work-I**
Total Credit	**:**	04
Workload	**:**	02 credits theory X 15 Hours= 30 hours in semester 02 credits Practical X 30 Hours= 60 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	80:20

Preamble:

The course "Natural Disaster Management and field work" offers students a comprehensive information and knowledge of the fundamental concepts and principles in the field of Disaster Management and field work. This paper aims to provide in sequence the definitions and concepts related to natural hazards and disaster risk reduction and knowledge to understand the various data sources. Through a series of modules, students will gain insights into the introductory concepts and classification of natural hazards, identification of natural hazards, historical and contemporary examples of natural disasters as well as introductory concept of field work. By the end of this course, students will have a well-rounded understanding of the key components of disaster risk reduction and preparedness and dynamics of data sources.

General Objectives of the Course:

1. To inculcate the definitions and concepts related to natural hazards and disaster risk reduction.
2. To develop skills in identifying natural hazards and conducting hazard and risk assessments.
3. To understand vulnerability and mapping techniques to identify areas at risk.
4. To familiarize students with early warning systems and their role in disaster preparedness.
5. To conduct proper field work for the collection of primary data to bring out grassroots realities.

Course Outcomes:

By the end of the course:

1. Students will define and explain key concepts related to natural hazards and disaster risk reduction.
2. Students will understand the frameworks and strategies used in disaster risk reduction to mitigate and prevent the impacts of natural hazards.

3. Students will identify natural hazards and conduct hazard and risk assessments using appropriate methodologies.
4. Students will apply principles of emergency planning and management in the context of disaster risk reduction and develop strategies for capacity building and training to enhance preparedness and response capabilities.
5. Students will conduct field work in physical and human geography, besides investigating socio-economic and environmental issues.

Nature of Question Paper:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study/Group Activity

Theory Modules

Module No.	Module Name	Sub-module	No. of hours	Credit
1	Introduction to Natural Hazards and Disasters	1.1 Definition and concepts 1.2 Classification of natural hazards 1.3 Contemporary examples of natural disasters 1.4 The economic, social, and environmental impact of disasters	15	01
2	Understanding Natural Hazards and Risk Assessment	2.1 Identification of natural hazards 2.2 Hazard and risk assessment methodologies 2.3 Vulnerability assessment and mapping 2.4 Hazard mitigation and prevention strategies	15	01

Practical Modules

Module No.	Module Name	Sub-module	No. of hours	Credit
1	Field work in Geographical Studies	1.1 Definition and meaning of field work 1.2 Concept and role 1.3 Value and Ethics of field work 1.4 Significance of field work	30	01
2	Data Sources	2.1 Climatic data sources 2.2 Bhuvan web portal 2.3 Agricultural data sources 2.4 Population data sources	30	01

Suggested Readings

1. Agor, R. (1999), Textbook of Surveying and Levelling, Khanna Publishers, Delhi.
2. Alexander, D. (2013). Resilience and disaster risk reduction: anetymologicaljourney. Natural Hazards and Earth System Sciences, 13(11), 2707-2716.
3. Basak, N. N. (1994): Surveying and Levelling, Tata McGraw-Hill Education, Delhi.
4. Bhavikatt , S. S. (2009): Surveying and Levelling, I. K. International, New Delhi.
5. Blaikie, P., Cannon, T., Davis, I., et al. 1994:At Risk: Natural Hazards, People'sVulnerability and Disasters, Routledge,London.

6. Burton, I., Kates, R. W., & White, G. F. (1993). The environment as hazard. Guilford Press.
7. Edwards, B., (2005). Natural Hazards, Cambridge University Press, Cambridge.
8. Guha-Sapir, D., Hargitt, D., & Hoyois, P. (2004). Thirty years of natural disasters, 1974-2003: The numbers. Centre for Research on the Epidemiology of Disasters (CRED).
9. Gupta, H.K., (2010). Disaster Management, Universities Press India, Hyderabad.
10. Kanetker, T.P. and Kulkarni, S.V.(1967): Surveying and Levelling, Vol. I and II V.G. Prakashan, Pune.
11. Morrisawa, M. (Ed.) (1994):Geomorphology and Natural Hazards,Elsevier, Amsterdam.
12. Natrajan, V. (1976): Advanced Surveying, B.I. Publications., Mumbai.
13. Paraswamam, S. and Unikrishnan, P. V.(2000): India Disaster Report, OxfordUniversity Press, New Delhi.
14. Roy, S. K. (2004): Fundamentals of Surveying, PHI Learning, New Delhi.
15. Singh, J., (2007). Disaster Management, Future Challenges and Opportunities, I.K. InternationalPvt. Ltd., New Delhi.
16. Singh, R.B., (2005). Risk Assessment and Vulnerability Analysis, IGNOU, New Delhi.
17. Singh, R.B., (2006). Natural Hazards and Disaster Management: Vulnerability and Mitigation,Rawat Publications, Jaipur.
18. Sinha, A., (2001). Disaster Management: Lessons Drawn and Strategies for Future, New UnitedPress, New Delhi
19. Smith, K., (2011). Natural Hazards, Routledge, London.
20. Stoltman, J.P. et al., (2004). International Perspectives on Natural Disasters, Kluwer AcademicPublications, Dordrecht.
21. UNISDR. (2015). Sendai Framework for Disaster Risk Reduction 2015-2030.
22. अलीझाड सु. व इतर (२००५) : पर्यावरण विज्ञान, निराली प्रकाशन, पुणे
23. अहिररावव करंजखेळे : प्रात्यक्षिक भूगोल, सुदर्शन पब्लिकेशन, नाशिक
24. कुंभार अर्जुन : प्रात्यक्षिक भूगोल, सुमेरू पब्लिकेशन, मुंबई
25. पवार सी.टी. व इतर (१९९८) : पर्यावरण भूगोल, सप्रेम प्रकाशन, कोल्हापूर
26. पाटील वाय.व्ही.(२००५) : पर्यावरण अभ्यास, अक्षरलेण प्रकाशन, सोलापूर
27. श्रीकांत कार्लेकर : प्रात्यक्षिक भूगोल, डायमंड प्रकाशन, पुणे

Shivaji University, Kolhapur

B.A. / B. A. B. Ed. - I

OE P02: Manmade Disaster Management and Surveying-II as per NEP 2020

Name of the Pragramme	**:**	B.A. (GEOGRAPHY)
Class	**:**	B.A.-I/ B. A. B. Ed.-I
Semester	**:**	II
Name of Vertical Group	**:**	OE (OPEN ELECTIVE COURSE) - II
Course Code	**:**	BAU0325OEH222B02
Course Title	**:**	**Manmade Disaster Management and Surveying-II**
Total Credit	**:**	04
Workload	**:**	02 credits Theory X 15 Hours= 30 hours in semester 02 credits Practical X 30 Hours= 60 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	80:20

Preamble:

The Course "Manmade Disaster Management and Surveying" offers students a comprehensive exploration of the fundamental concepts and principles in the field of Disaster Management and Surveying. This paper aims to provide students an understanding of the definitions and concepts related to manmade hazards and disaster risk reduction and knowledge to understand the various Survey operations and survey techniques. Through a series of modules, students will gain insights into the introductory concepts and classification of manmade hazards, historical and contemporary examples of manmade disasters as well as introductory concept of surveying. By the end of this paper, students will have a well-rounded understanding of the key components of disaster risk reduction and preparedness and dynamics of Surveying.

General Objectives of the Course:

1. To inculcate definitions and concepts related to manmade hazards and disaster risk reduction.
2. To introduce disaster risk reduction strategies and frameworks used to mitigate and prevent the impacts of manmade hazards.
3. To develop knowledge and skills in identifying manmade hazards and conductinghazard and risk assessments.
4. To assess and mapping techniques to identify areas at risk.
5. To enrich the ability to learn field survey techniques and expertise in field survey instruments.

Course Outcomes:

By the end of the course:

1. Students will define and explain key concepts related to manmade hazards and disaster risk reduction.
2. Students will understand the frameworks and strategies used in disaster risk reduction to mitigate and prevent the impacts of manmade hazards.

3. Students will identify manmade hazards and conduct hazard and risk assessments using appropriate methodologies.
4. Students will apply principles of emergency planning and management in the context of disaster risk reduction and develop strategies for capacity building and training to enhance preparedness and response capabilities.
5. Students will correlate knowledge, skills and expertise to identify geographical issues.

Nature of Question Paper:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study/Group Activity

Theory Modules

Module No.	Module Name	Sub-module	No. of hours	Credit
1	Human-induced Hazards	1.1 Meaning & concept of Human-induced Hazards 1.2 Physical Hazards - Cause and effects of Landslides, Soil erosion, forest fires, desertification etc. 1.3 Chemical Hazards - Nuclear Hazards, release of toxic elements in the air, soil and water; oil spills. 1.4 Accident, Crowd	15	01
2	Disaster Risk Reduction and Preparedness	2.1 Emergency planning and management 2.2 Early warning systems 2.3 Community participation and resilience 2.4 Risk communication and awareness	15	01

Practical Modules

Module No.	Module Name	Sub-module	No. of hours	Credit
1	Surveying	1.1 Definition and meaning of surveying 1.2 Classification of surveying 1.3 History of surveying 1.4 Modern trends in surveying	30	01
2	Instrumental Survey	2.1 Survey with Chain Tape 2.2 Survey with Plane Table 2.3 Survey with Prismatic Compass 2.4 Abney level survey	30	01

Suggested Readings

1. Agor, R. (1999), Textbook of Surveying and Levelling, Khanna Publishers, Delhi.
2. Alexander, D. (2013). Resilience and disaster risk reduction: an etymological journey. Natural Hazards and Earth System Sciences, 13(11), 2707-2716.
3. Basak, N. N. (1994): Surveying and Levelling, Tata McGraw-Hill Education, Delhi.
4. Bhavikatt , S. S. (2009): Surveying and Levelling, I. K. International, New Delhi.
5. Blaikie, P., Cannon, T., Davis, I., et al. 1994:At Risk: Natural Hazards, People's

Vulnerability and Disasters, Routledge, London.

6. Burton, I., Kates, R. W., & White, G. F. (1993). The environment as hazard. Guilford Press.
7. Edwards, B., (2005). Natural Hazards, Cambridge University Press, Cambridge.
8. Guha-Sapir, D., Hargitt, D., & Hoyois, P. (2004). Thirty years of natural disasters, 1974-2003: The numbers. Centre for Research on the Epidemiology of Disasters (CRED).
9. Gupta, H.K., (2010). Disaster Management, Universities Press India, Hyderabad.
10. Kanetker, T.P. and Kulkarni, S.V.(1967): Surveying and Levelling, Vol. I and II V.G. Prakashan, Pune.
11. Morrisawa, M. (Ed.) (1994):Geomorphology and Natural Hazards, Elsevier, Amsterdam.
12. Natrajan, V. (1976): Advanced Surveying, B.I. Publications., Mumbai.
13. Paraswamam, S. and Unikrishnan, P. V.(2000): India Disaster Report, Oxford University Press, New Delhi.
14. Roy, S. K. (2004): Fundamentals of Surveying, PHI Learning, New Delhi.
15. Singh, J., (2007). Disaster Management, Future Challenges and Opportunities, I.K. International Pvt. Ltd., New Delhi.
16. Singh, R.B., (2005). Risk Assessment and Vulnerability Analysis, IGNOU, New Delhi.
17. Singh, R.B., (2006). Natural Hazards and Disaster Management: Vulnerability and Mitigation, Rawat Publications, Jaipur.
18. Sinha, A., (2001). Disaster Management: Lessons Drawn and Strategies for Future, New United Press, New Delhi
19. Smith, K., (2011). Natural Hazards, Routledge, London.
20. Stoltman, J.P. et al., (2004). International Perspectives on Natural Disasters, Kluwer Academic Publications, Dordrecht.
21. UNISDR. (2015). Sendai Framework for Disaster Risk Reduction 2015-2030.
22. अलीझाड सु. व इतर (२००५) : पर्यावरण विज्ञान, निराली प्रकाशन, पुणे
23. अहिररावव करंजखेळे : प्रात्यक्षिक भूगोल, सुदर्शन पब्लिकेशन, नाशिक
24. कुंभार अर्जुन : प्रात्यक्षिक भूगोल, सुमेरू पब्लिकेशन, मुंबई
25. पवार सी.टी. व इतर (१९९८) : पर्यावरण भूगोल, सप्रेम प्रकाशन, कोल्हापूर
26. पाटील वाय.व्ही.(२००५) : पर्यावरण अभ्यास, अक्षरलेण प्रकाशन, सोलापूर
27. श्रीकांत कार्लेकर : प्रात्यक्षिक भूगोल, डायमंड प्रकाशन, पुणे

Shivaji University, Kolhapur
B. A. / B. A. B. Ed. -I
SEC P01: Basics of Remote Sensing-I (Geography) as per NEP 2020

Name of the Pragramme	**:**	B.A. (GEOGRAPHY)
Class	**:**	B.A.-I/ B. A. B. Ed.-I
Semester	**:**	I
Name of Vertical Group	**:**	SEC (V-4)
Course Code	**:**	BAU0325SEL222A01
Course Title	**:**	**Basics of Remote Sensing-I**
Total Credit	**:**	02 Credits (Theory)
Workload	**:**	02 credit * 15 Hours = 30 hours
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40:10

Preamble:

Welcome to the Basics of Remote Sensing, a Skill Enhancement course designed for first-year Bachelor of Arts Geography students. This course aims to introduce you to the fundamental concepts, principles, and practical applications of remote sensing in Geography and Environmental Studies. Through a combination of theoretical knowledge and hands-on experience with remote sensing software, you'll explore various aspects of data acquisition, image interpretation, and analysis.

General Objectives of the Course:

- To understand the historical development and types of remote sensing technology while exploring their practical applications in Geography and Environmental Studies.
- To comprehend the principles of aerial photography, electromagnetic radiation, and satellite remote sensing, analyzing their significance in remote sensing applications.
- To Identify diverse sensors, resolutions, and their roles in remote sensing technology for effective data analysis.

Course Outcomes:

Upon completing this course, students will:

- Define and contextualize remote sensing's historical evolution in Geography and Environmental Studies.

- Differentiate between various remote sensing platforms and their data acquisition techniques.
- Explain principles related to aerial photography, electromagnetic radiation, and satellite remote sensing technologies.

Nature of Question Paper:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study

Modules:

Basics of Remote Sensing - I (Theory)

Module	Name of the Module	No. of hours	Credit
I	**Introduction to Remote Sensing** 1.1 Remote Sensing: Definition and Historical Development 1.2 Platforms and Types of Remote Sensing 1.3 Data Acquisition Techniques in Remote Sensing 1.4 Remote Sensing Applications in Geography and Environmental Studies	15	1
II	**Aerial Photography and Satellite Remote Sensing** 2.1 Principles and Types of Aerial Photography 2.2 Electromagnetic Radiation (EMR) 2.3 Satellite Types: Geostationary vs. Remote Sensing 2.4 Sensors and Resolution in Remote Sensing	15	1

Suggested Readings:

1. Anji Reddy, M. (2008). Textbook of Remote Sensing and Geographic Information System. B.S. Publication, Hyderabad.
2. Bhatta, B. (2008). Remote Sensing and GIS. Oxford University Press.
3. Burrough, P. A., & McDonnell, R. A. (2000). Principles of Geographical Information System-Spatial Information System and Geo-statistics. Oxford University Press.
4. Campbell, J. B. (2007). Introduction to Remote Sensing. Guilford Press.
5. Chauniyal, D. D. (2010). Sudur SamvedanevamBhogolik Suchana Pranali. Sharda Pustak Bhawan, Allahabad.
6. Hord, R. M. (1989). Digital Image Processing of Remotely Sensed Data. Academic.

7. Heywoods, I., Cornelius, S., & Carver, S. (2006). An Introduction to Geographical Information System. Prentice Hall.
8. Jensen, J. R. (2004). Introductory Digital Image Processing: A Remote Sensing Perspective. Prentice Hall.
9. Joseph, G. (2005). Fundamentals of Remote Sensing. United Press India.
10. Jha, M. M., & Singh, R. B. (2008). Land Use: Reflection on Spatial Informatics Agriculture and Development. Concept.
11. Kumar, D., Singh, R. B., & Kaur, R. (2019). Spatial Information Technology for Sustainable Development Goals. Springer.
12. Li, Z., Chen, J., &Batsavias, E. (2008). Advances in Photogrammetry, Remote Sensing and Spatial Information Sciences. CRC Press, Taylor and Francis.
13. Lillesand, T. M., Kiefer, R. W., & Chipman, J. W. (2004). Remote Sensing and Image Interpretation (Wiley Student Edition). Wiley.
14. Mukherjee, S. (2004). Textbook of Environmental Remote Sensing. Macmillan, Delhi.
15. Rees, W. G. (2001). Physical Principles of Remote Sensing. Cambridge University Press.
16. Richards, J. A., &JiaXiuping. (2005). Remote Sensing Digital Image Analysis: An Introduction. Springer.
17. Sarkar, A. (2015). Practical geography: A systematic approach. Orient Black Swan Private Ltd., New Delhi.
18. Singh, R. B., & Murai, S. (1998). Space-informatics for Sustainable Development. Oxford and IBH Pub.
19. Wolf, P. R., & Dewitt, B. A. (2000). Elements of Photogrammetry: With Applications in GIS. McGraw-Hill.

OR

Shivaji University, Kolhapur

B. A. / B. A. B. Ed. -I

SEC P01: Basic Concept of Tourism-I (Geography) as per NEP 2020

Name of the Pragramme	**:**	B.A. (GEOGRAPHY)
Class	**:**	B.A.-I/ B. A. B. Ed.-I
Semester	**:**	I
Name of Vertical Group	**:**	SEC (V-4)
Course Code	**:**	BAU0325SEL222A01
Course Title	**:**	**Basic Concept of Tourism-I**
Total Credit	**:**	02 Credits (Theory)
Workload	**:**	02 credit * 15 Hours= 30 hours
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40.10

Preamble:

Welcome to the Basic Concept of Tourism, a skill enhancement course tailored for first-year Bachelor of Arts Geography students. This course aims to provide a comprehensive understanding of tourism, encompassing theoretical insights and practical applications. Through theoretical modules focusing on the fundamentals of tourism and practical sessions involving GIS applications and field observations, students will gain valuable insights into the multifaceted aspects of the tourism industry.

General Objectives of the Course:

- To comprehend the foundational concepts, definitions, and historical evolution of tourism, emphasizing its global significance and interrelationships with related aspects like pilgrimage, recreation, and leisure.
- To analyse the impacts of tourism on various dimensions including the economy, environment, and society, fostering a comprehensive understanding of its multifaceted effects.
- To explore the diverse types and recent trends in international and regional tourism, incorporating geographical parameters outlined by Robinson and investigating emerging concepts such as eco-tourism and sustainable tourism.

Course Outcomes:

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

- Demonstrate a comprehensive understanding of the fundamental concepts and historical evolution of tourism, discussing its global perspectives and interconnections with related domains like pilgrimage, recreation, and leisure.
- Assess and critically analyze the multifaceted impacts of tourism on the economy, environment, and society, fostering a holistic perspective of its implications.
- Evaluate diverse types of tourism, recent trends in international and regional tourism, and emerging concepts such as eco-tourism and sustainable tourism, integrating geographical parameters to comprehend the evolving nature of the industry.

Nature of Question Paper:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study

Modules:

Basic Concept of Tourism (Theory)

Module	Name of the Module / Exercise	No. of hours	Credit
I	**Understanding Tourism:** 1.1 Introduction to Tourism: Concepts, Definitions, and Evolution 1.2 Nature and Scope of Tourism: Global Perspectives 1.3 Inter-Relationships between Tourism, Pilgrimage, Recreation, and Leisure 1.4 Impacts of Tourism: Economy; Environment; Society	15	1
II	**Types and Trends in Tourism:** 2.1 Geographical Parameters of Tourism by Robinson 2.2 Exploring Types of Tourism: Nature, Cultural, Medical, and Pilgrimage 2.3 Recent Trends in International and Regional Tourism 2.4 Emerging Concepts: Eco-Tourism, Sustainable Tourism	15	1

Suggested Readings:

1. Dhar, P. N. (2006). International tourism: Emerging challenges and future prospects. New Delhi, India: Kanishka.
2. Hall, M., & Stephen, P. (2006). Geography of tourism and recreation – Environment, place and space. London, England: Routledge.

3. Kamra, K. K., & Chand, M. (2007). Basics of tourism: Theory, operation and practice. Pune, India: Kanishka Publishers.
4. Page, S. J. (2011). Tourism management: An introduction (Chapter 2). Butterworth-HeinemannUSA.
5. Raj, R., & Nigel, D. (2007). Morpeth religious tourism and pilgrimage festivals management: An international perspective. Cambridge, USA: CABI. Retrieved from www.cabi.org.
6. Tourism Recreation and Research Journal. Lucknow, India: Center for Tourism Research and Development.
7. Singh, J. (2014). Eco-tourism. New Delhi, India: I.K. International Pvt. Ltd. Retrieved from www.ikbooks.com.

Shivaji University, Kolhapur

B. A. / B. A. B. Ed. -I

SEC- P02: Basics of Remote Sensing - P II (Geography) as per NEP 2020

Name of the Pragramme	**:**	B.A. (GEOGRAPHY)
Class	**:**	B.A.-I/ B. A. B. Ed.-I
Semester	**:**	II
Name of Vertical Group	**:**	SEC (V-4)
Course Code	**:**	BAU0325SEL222B02
Course Title	**:**	**Basics of Remote Sensing - P II**
Total Credit	**:**	02 Credits(Theory)
Workload	**:**	02 credit * 15 Hours = 30 hours
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40.10

Preamble:

The course "Basics of Remote Sensing Part-II" is designed as a skill enhancement program aiming to delve deeper into the practical applications of remote sensing. This course emphasizes two significant modules: "Application of Remote Sensing in Land Use/Land Cover Analysis" and "Application of Remote Sensing in Disaster Management." Through theoretical insights and hands-on practical sessions, participants will gain proficiency in utilizing remote sensing techniques for diverse real-world scenarios.

General Objectives of the Course:

- To acquire a comprehensive understanding of remote sensing principles as applied to land use/land cover analysis and disaster management scenarios.
- Todevelop proficiency in employing classification methods and advanced techniques in remote sensing for precise analysis.
- To apply remote sensing concepts practically to interpret satellite imagery, extract features, perform land cover analysis and assess disaster scenarios.

Course Outcomes:

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

- Demonstrate a mastery of remote sensing fundamentals in interpreting satellite imagery for various land analysis purposes.

- Exhibit proficiency in applying classification methods and employing advanced techniques for precise land cover analysis.
- Apply remote sensing techniques practically in feature extraction, land cover analysis, disaster response, and recovery scenarios.

Nature of Question Paper:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study

Modules:

Basics of Remote Sensing –P II (Theory)

Module	Name of the Module / Exercise	No. of hours	Credit
I	**Application of Remote Sensing in Land Use/Land Cover Analysis** 1.1 Fundamentals of Remote Sensing in Land Analysis 1.2 Classification Techniques in Land Analysis 1.3 Advanced Land Classification Methods 1.4 Remote Sensing Applications in Land Use Planning	15	1
II	**Application of Remote Sensing in Disaster Management** 2.1 Introduction to Remote Sensing in Disaster Management 2.2 Pre-disaster Planning and Risk Assessment 2.3 Disaster Response and Damage Assessment Techniques 2.4 Post-disaster Recovery and Environmental Monitoring	15	1

Suggested Readings:

1. Anji Reddy, M. (2008). Textbook of Remote Sensing and Geographic Information System. B.S. Publication, Hyderabad.
2. Bhatta, B. (2008). Remote Sensing and GIS. Oxford University Press.
3. Burrough, P. A., & McDonnell, R. A. (2000). Principles of Geographical Information System-Spatial Information System and Geo-statistics. Oxford University Press.
4. Campbell, J. B. (2007). Introduction to Remote Sensing. Guilford Press.
5. Chauniyal, D. D. (2010). Sudur SamvedanevamBhogolik Suchana Pranali. Sharda Pustak Bhawan, Allahabad.
6. Hord, R. M. (1989). Digital Image Processing of Remotely Sensed Data. Academic.
7. Heywoods, I., Cornelius, S., & Carver, S. (2006). An Introduction to Geographical Information System. Prentice Hall.

8. Jensen, J. R. (2004). Introductory Digital Image Processing: A Remote Sensing Perspective. Prentice Hall.
9. Joseph, G. (2005). Fundamentals of Remote Sensing. United Press India.
10. Jha, M. M., & Singh, R. B. (2008). Land Use: Reflection on Spatial Informatics Agriculture and Development. Concept.
11. Kumar, D., Singh, R. B., & Kaur, R. (2019). Spatial Information Technology for Sustainable Development Goals. Springer.
12. Li, Z., Chen, J., &Batsavias, E. (2008). Advances in Photogrammetry, Remote Sensing and Spatial Information Sciences. CRC Press, Taylor and Francis.
13. Lillesand, T. M., Kiefer, R. W., & Chipman, J. W. (2004). Remote Sensing and Image Interpretation (Wiley Student Edition). Wiley.
14. Mukherjee, S. (2004). Textbook of Environmental Remote Sensing. Macmillan, Delhi.
15. Rees, W. G. (2001). Physical Principles of Remote Sensing. Cambridge University Press.
16. Richards, J. A., &JiaXiuping. (2005). Remote Sensing Digital Image Analysis: An Introduction. Springer.
17. Sarkar, A. (2015). Practical geography: A systematic approach. Orient Black Swan Private Ltd., New Delhi.
18. Singh, R. B., & Murai, S. (1998). Space-informatics for Sustainable Development. Oxford and IBH Pub.
19. Wolf, P. R., & Dewitt, B. A. (2000). Elements of Photogrammetry: With Applications in GIS. McGraw-Hill.

OR

Shivaji University, Kolhapur

B. A. / B. A. B. Ed. -I

SEC P02: Components of Tourism-II (Geography) as per NEP 2020

Name of the Pragramme	**:**	B.A. (GEOGRAPHY)
Class	**:**	B.A.-I/ B. A. B. Ed.-I
Semester	**:**	II
Name of Vertical Group	**:**	SEC (V-4)
Course Code	**:**	BAU0325SEL222B02
Course Title	**:**	**Components of Tourism -II**
Total Credit	**:**	02 Credits (Theory)
Workload	**:**	02 credit * 15 Hours = 30 hours
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40.10

Preamble:

Welcome to the Components of Tourism, a skill enhancement course tailored for first-year Bachelor of Arts Geography students. This course aims to delve into the diverse facets of tourism, exploring ecological, cultural, and urban tourism perspectives while delving into the nuances of tourism in India through case studies and practical applications. By integrating theoretical knowledge with practical exercises, students will gain a comprehensive understanding of the components that shape the tourism industry.

General Objectives of the Course:

- To analyze and differentiate between ecological and cultural tourism perspectives, encompassing nature-based, cultural, adventure, leisure, and urban tourism dynamics.
- To explore the landscape of tourism in India, focusing on World Heritage Sites, infrastructure development, challenges, and regional case studies such as Himalayan, Desert, Coastal, and Heritage Tourism.
- To evaluate the National Tourism Policy of India and critically assess its implications on the tourism industry.

Course Outcomes:

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

- Demonstrate an in-depth understanding of the diverse components that constitute tourism, including ecological, cultural, and urban perspectives.
- Critically analyze and discuss the tourism landscape in India, including World Heritage Sites, infrastructure development, challenges, and regional case studies.
- Evaluate the National Tourism Policy of India, identifying its strengths, weaknesses, and implications for the tourism industry.

Nature of Question Paper:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study

Modules:

Components of Tourism (Theory)

Module	Name of the Module / Exercise	No. of hours	Credit
I	**Ecological and Cultural Tourism Perspectives** 1.1 Nature-based Tourism 1.2 Cultural Tourism and Heritage 1.3 Adventure and Leisure Travel 1.4 Urban Tourism Dynamics	15	1
II	**Tourism in India and Case Studies** 2.1 Exploring Tourism in India: World Heritage Sites 2.2 Infrastructure Development and Challenges in Indian Tourism 2.3 Case Studies of Himalayan, Desert, Coastal, and Heritage Tourism 2.4 Analyzing the National Tourism Policy and Its Implications	15	1

Suggested Readings:

8. Dhar, P. N. (2006). International tourism: Emerging challenges and future prospects. New Delhi, India: Kanishka.
9. Hall, M., & Stephen, P. (2006). Geography of tourism and recreation – Environment, place and space. London, England: Routledge.
10. Kamra, K. K., & Chand, M. (2007). Basics of tourism: Theory, operation and practice. Pune, India: Kanishka Publishers.

11. Page, S. J. (2011). Tourism management: An introduction (Chapter 2). Butterworth-HeinemannUSA.
12. Raj, R., & Nigel, D. (2007). Morpeth religious tourism and pilgrimage festivals management: An international perspective. Cambridge, USA: CABI. Retrieved from www.cabi.org.
13. Tourism Recreation and Research Journal. Lucknow, India: Center for Tourism Research and Development.
14. Singh, J. (2014). Eco-tourism. New Delhi, India: I.K. International Pvt. Ltd. Retrieved from www.ikbooks.com.

Shivaji University, Kolhapur

B. A. / B. A. B. Ed. -I

IKS- P 01: Cultural Geography of India-I (Geography) as per NEP 2020

Name of the Pragramme	**:**	B.A. (GEOGRAPHY)
Class	**:**	B.A.-I/ B. A. B. Ed.-I
Semester	**:**	I
Name of Vertical Group	**:**	IKS (V-5)
Course Code	**:**	BAU0325IKL222A01
Course Title	**:**	**Cultural Geography of India-I**
Total Credit	**:**	02
Workload	**:**	02 credits theory X 15 Hours= 30 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40:10

Preamble:

Cultural Geography of India is a dynamic study of the complex relationship between geography and culture in the Indian subcontinent. The main objective of this course is to provide students with a comprehensive understanding of the various cultural landscapes of India, exploring the historical, social and environmental dimensions. The students will get knowledge about our traditional culture in relation to the geographical foundations of Indian culture as well as students gain insight into the complexity and interrelationship of cultural elements that shape the nation's cultural identity.

General Objectives of the Course:

- To provide comprehensive understanding of the cultural diversity of India from a geographical perspective.
- To study the historical, social and environmental factors that influenced the cultural composition of India.
- To impart knowledge of culture and develop skills among the students for critical thinking to assess the geographical factors that influence on the culture of India.
- To develop curiosity to understand complexities and nuances of Indian cultural landscapes.

Course Outcomes:

By the end of the course:

- The students will deeply understand the impact of geographical factors on the cultural geography of India.
- The students will merely recognize and analyze the linguistic, religious, and ethnic diversity in India
- The student can easily compare and contrast cultural dynamics in different zones of India.

- The students will gain an in-depth understanding of cultural diversity and geographical influences on Indian culture.

Nature of Question Paper:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study

  Case Study: i) Geographical impact on cultural settings of a local area.

  ii) Geographical impact on cultural settings of Maharashtra

Theory Modules

Module No.	Module Name	Sub-module	No. of hours	Credit
1	**Introduction to Cultural Geography of India**	**Introduction to Cultural Geography of India** 1.1 Definition, nature, scope and Importance of cultural geography 1.2 Impact of Geographical factors on cultural of ancient Indian civilizations and its evolution 1.3 Preservation and interpretation of cultural heritage 1.4 Cultural Landscape: Elements and Changes in the cultural landscape over the time	15	01
2	**Dynamics of India's Cultural Diversity**	**Dynamics of India's Cultural Diversity** 2.1 Northern India: Characteristics and Cultural diversity in Linguistic, Ethnic, Religion and impact of geographical factors on Culture 2.2 Southern India: Characteristics and Cultural diversity in Linguistic, Ethnic, Religion and impact of geographical factors on Culture 2.3 Eastern India: Characteristics and Cultural diversity in Linguistic, Ethnic, Religion and impact of geographical factors on Culture 2.4 Western India: Characteristics and Cultural diversity in Linguistic, Ethnic, Religion and impact of geographical factors on Culture	15	01

Suggested Readings

Goswami, M. (2018): Geography of India, Oxford University Press.

Gupta, S. (2005): The History of Doing: An Illustrated Account of Movements for Women's Rights and Feminism in India, 1800-1990. Zubaan.

Singh, Rana P. B. (2008): Cultural Geography, John Wiley & Sons.

Srinivas, M. N. (1976): The Remembered Village, Oxford University Press.

Thapar, R. (2015): The Past as Present: Forging Contemporary Identities Through History, Aleph Book Company.

Shivaji University, Kolhapur

B. A. / B. A. B. Ed. -I

CE: Acquisition of Social Data (Geography) as per NEP 2020

Name of the Pragramme	**:**	B. A. / B. A. B. Ed (GEOGRAPHY)
Class	**:**	B. A. / B. A. B. Ed.-I
Semester	**:**	II
Name of Vertical Group	**:**	CEP (V-6)
Course Code	**:**	BAU0325CEL222B
Course Title	**:**	**Acquisition of Social Data**
Total Credit	**:**	02
Workload	**:**	02 Credit X 15 Hours = 30 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40:10

Preamble:

The history of the world reveals means of human development are changing according to era and in present day information and knowledge are a prime. 2021 century is well known by information and information based on data. So, this course focuses on concept of data, data types, its sources, issues and challenges in data collection with applying various methods i.e. manual and google form.

Objectives of the Course:

1. To create awareness among the students regarding the elemental concepts of data and social data.
2. To aware students with data.
3. To prepare students for data collection and its applications.
4. To aware students for Common Challenges in Data Collection

Course Outcomes:

By the end of the course, students would be able to:

1. The Students will be aware about data types of data and its sources.
2. The Students will familiar with issues and common challenges of data collection.
3. The Students will know the characteristics of social data.
4. The Students will able to acquire social data through various techniques.

Nature of Question Paper:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study

MODULE CONTENT

Module No.	Module Name	Sub-module	No. of hours	Credit
1	**Module I: Data**	1.1 Meaning of data 1.2 Classification of Data 1.3 Primary Data: Sources and Merits-demerits 1.4 Secondary Data: Sources and Merits-demerits 1.5 Issues to be considered for data collection 1.6 Common Challenges in Data Collection	15	01
2	**Module II: Collection of Social Data**	2.1 Meaning of Social Data 2.2 Types of Social Data: i) Qualitative Data ii) Quantitative Data 2.3 Methods of Primary Social Data Collection 2.4 Methods of Secondary Social Data Collection 2.5 Preparation of questionnaire: Manual & Google Form	15	01

Reference Books:

1) Macormic Thomas Carson (1941): Elementary Social Statistics, New York: McGraw-Hill Book Company**.**
2) Young P. V. Scientific Social Survey and Research, Prentice –Hall of India (Digital Library of India).
3) *Wendy Olsen (2011): Data Collection*. *Key Debates and Methods in Social Research,* SAGE Publications Ltd.
4) Roger Sapsford, Victor Jupp (2006): Data Collection and Analysis, SAGE Publications Ltd.
5) **Meredith Zozus** (2020):The Data BookCollection and Management of Research Data, Chapman & Hall.
6) ग. वि. कुंभोजकर (१९९०): संशोधन पद्धती व संख्याशास्त्र, फडके प्रकाशन,कोल्हापूर.
7) नीलाम धुरी (२००८): संशोधन पद्धती, फडके प्रकाशन, कोल्हापूर.

Shivaji University, Kolhapur
B. A. / B. A. B. Ed. -I
CC: Geographical Photography (Geography) as per NEP 2020

Name of the Pragramme	**:**	B.A. (GEOGRAPHY)
Class	**:**	B. A. / B. A. B. Ed.-I
Semester	**:**	II
Name of Vertical Group	**:**	CC(V-6)
Course Code	**:**	BAU0325CCL222B
Course Title	**:**	**Geographical Photography**
Total Credit	**:**	02
Workload	**:**	02 credit X 15 Hours = 30 hours in a semester
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40:10

PREAMBLE:

Geographical landscapes are the source of the photography and Geographical Photography is more about the art of seeing and presenting, rather than mere documenting a moment in time. With a view to enhance the skill of the students,co-curricular subject 'Geographical Photography' is starting w.e.f. 2024 in accordance with NEP-2020. The subject offers students, to interact with the natural and physical as well as socio-cultural aspects. It is also helpful to increasing students' interest in environment conservation as well as student career. The core intent of this course is to offer an ample platform for students who can explore both the necessity to quench the inner thirst for creativity as a hobbyist or an enthusiast. Geographical landscape is the focal interest of the course.

General Objectives of the Course:

1. To introduce students to photographic field techniques which are important for geographic photography.
2. To introduce students to the art of photographing nature.
3. To illustrate how photography can be used as a tool for the self-earning, appreciation and conservation of nature.

4. To create opportunities to work in the field natural landscape with wildlife.

Course Outcomes:

By the end of the course, students would be able to:

1. The Students will be better understanding history of the photography and its role in conservation.
2. The Students will familiar with the useful camera settings.
3. The Students will develop behaviours such as curiosity, initiative and persistence that will help them engage with the world in productive ways.
4. The Students will able to see the nature in ways never imagined before.
5. The Students will have opportunities to work in the field of nature and wildlife.

NATURE OF QUESTION PAPER:

The student's examination and evaluation methods are as per the guidelines of the Shivaji University.

- Internal evaluation should be based on Home Assignment/Unit Test/Case Study

MODULE CONTENTS			
Module No.	**Details**	**No. of Lectures/ Periods**	**No of Credits**
1	**Basics of photography** 1.1 Meaning and history of photography 1.2 Exposure triangle : Shutter speed, aperture and ISO 1.3 Depth of field, Focal length and Focusing 1.4 Composition of photography 1.5 Impact of geographical factors on photography	15	1
2	**Light – A Geographical Aspect** 2.1 Meaning of light in photography 2.2 Effects of light in photography 2.3 Types of light : (Natural Light, Front/ Flat Light, Backlight, Soft Light, Hard Light, Rim Light, Loop Lighting, Broad Lighting, Short Lighting, Butterfly Lighting, Split Lighting and Rembrandt Lighting) 2.4 Choosing the Best Type of Lighting for Photographs a. Indoor Photography Lighting b. Lighting for Portraits 2.5 Flash Techniques	15	1

Further Readings:

1. GustavsonTodd (2012), Camera: A History of Photography from Daguerreotype to Digital published by Union Square & Co.
2. Peterson Bryan (1990), Understanding Exposure, published by Amphoto Books.
3. Freeman Michael (2017) The Photographer's Eye, published by Taylor & Francis
4. DykingaJack (2013) Capture the Magic: Train Your Eye, Improve Your Photographic Composition, Published by Rocky Nook, Inc.
5. Silber Marc (2018), The Secrets to Creating Amazing Photos: 83 Composition Tools from the Masters published by Mango Media Inc.
6. Burrows Terry(2018) Practical Photography: How to Shoot Like a Pro: The Step-By-Step Guide to Taking Great Photographs, Published by Welbeck Publishing Group.
7. Ang Tom (2020), Digital Photographer's Handbook: 7th Edition of the Best-Selling Photography Manual, Published by DK; Seventh Edition
8. डॉ. जितेंद्र शरदचंद्र कात्रे (२०१५), डिजिटल फोटोग्राफी : कॅमेरा आणि छायाचित्रण, कॉन्टिनेन्टल प्रकाशन, पुणे
9. अर्चना देशपांडे-जोशी (२०१८), फोटोमंत्र, डायमंड पब्लिकेशन्स, पुणे
10. अर्चना देशपांडे-जोशी (२०१८), क्लिक ट्रिक, डायमंड पब्लिकेशन्स, पुणे

Reference Videos

https://youtu.be/OAh2U3JApw8?si=CoLGpmEW7_OQq-MN
https://www.youtube.com/@PhotographyEducators
https://youtu.be/mcDe4jDmmXE?si=sAEcD-3zJn_TQAgY

SHIVAJI UNIVERSITY, KOLHAPUR

Estd 1962

NAAC 'A' Grade

Syllabus For

B.Com. Part-I

Geography

NEP

Sem-I & Sem-II

Introduced from June 2024 and Onwards

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

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.I Minor
Semester-I
DSM-I: Commercial Geography
Credits : 4
Marks: Semester End:80 Internal Assessment: 20 Total Marks: 100
Introduced from June 2024

A] **Ordinance and Regulations:-**

(As applicable to degree/program)

B] Shivaji University, Kolhapur

New/Revised Syllabus for Bachelor of - Commerce.

1. TITLE: Commercial Geography **Code:** DSM-I

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, 2024 onwards

3. PREAMBLE:

The paper "Commercial Geography" offers students a comprehensive exploration of the fundamental concepts and principles in the field of Commercial Geography. This paper aims to provide students with a solid foundation of knowledge to understand the various aspects of Commercial Geography. Through a series of modules, students will gain insights into the introductory concepts in commercial geography and Classification of Economic activities, Factors affecting Economic activities, Classification of Worlds Economy and Major Economic Activities in India, Definition, Classification, Conservation and Importance of Resources, Impacts of globalization, effect of globalization on Indian Economy, types of trade, factors affecting trade, major trade organizations. By the end of this paper, students will have a well-rounded understanding of the key components and dynamics of Commercial Geography.

4.DURATION

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

5. PATTERN:

Pattern of Examination will be Semester.

6. FEE STRUCTURE:

As per Government /University rules.

7. 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.

8. MEDIUM OF INSTRUCTION:

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

9. STRUCTURE OF COURSE - 100 MARKS (80 + 20)

Semester - I

Paper No.	Title	Marks
DSM – I	Commercial Geography	**100**

10. 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 (Marks)		
		L	T	P	Total	Theory	Internal Assessment	Total
1	Commercial Geography	04	04	-	04	80	20	100

11. SCHEME OF EXAMINATION:

- The examination shall be conducted at the end of each term for semester pattern.
- The theory paper shall carry 80 marks (as applicable to the course)
- The theory paper shall carry internal 20 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 100 marks.

12. STANDARD OF PASSING:

As per Prescribed rules and regulation for each degree / programme. Separate passing marks required in examinations. The minimum 28 out of 80 marks required in University examination and internal evaluation 07 out of 20 marks.

13. NATURE OF QUESTION PAPER AND SCHEME OF MARKING: (Proposed)

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 (Theory Paper***) (80 Marks) (Four Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question (20 Marks)

Pattern I- Plain questions with 4 alternatives (6 MCQs for 12 marks)

Pattern II- Match the following with 4 alternatives (2 for 4 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.

A) 1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a

Pattern III- Give two statements (2 MCQs for 4 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect
B) Statement 2 is True/correct and Statement 1 is False/incorrect
C) Both statements are True/correct
D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 3: Short Answer Question (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 4: Long Answer Question (2 out of 4) **(20 Marks)**

Answer limit 300 to 400 words

Internal Assessment ***20 Mark***

Home Assignment

14. 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	-	-	Commercial Geography	DSM-I

15. SPECIAL INSTRUCTIONS, IF ANY: Nil

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com. Minor
Semester-I
DSM-I: Commercial Geography
Credits : 4
Marks: Semester End:80 Internal Assessment: 20 Total Marks: 100
Introduced from June 2024

COURSE OUTCOMES:

After studying this course students will be able to……

1. Understand the fundamental concepts and definitions of Commercial Geography along with explore the nature and scope of Commercial Geography as a multidisciplinary field.
2. Evaluate significance of Commercial Geography.
3. Comprehend the classification of economic activities and factors affecting economic activities.
4. Understand the classification of worlds economy.
5. Acquire knowledge of major economic activities in India.
6. Understand the classification, conservation and importance of resources.
7. Understand the impacts of globalization and effect of globalization on Indian economy.
8. Understand the types of trade and factors affecting trade.
9. Acquire knowledge of major trade organizations.

Unit No.	Contents	No. of Hours	Credit
1	**Introduction to Commercial Geography** 1.1 Definition of Commercial Geography 1.2 Nature of Commercial Geography 1.3 Scope of Commercial Geography 1.4 Significance of Commercial Geography	**15**	**01**
2	**Resources** 2.1 Meaning & Definition of Resources 2.2 Classification of Resources 2.3 Conservation of Resources & sustainable economic Development 2.4 Importance of Resources	**15**	**01**
3	**Economic Activities** 3.1 Classification of Economic activities 3.2 Factors affecting Economic activities 3.3 Classification of Worlds Economy 3.4 Major Economic Activities in India	**15**	**01**
4	**Trade and Globalization** 4.1Types of Trade and Factors Affecting Trade 4.2 Trade Organizations – WTO, SAARC, BRICS 4.3 Impacts of Globalization 4.4 Globalization & Indian Economy	**15**	**01**

References:.

1. Hartshorne T. N. & Alexander J.W., (1994), Economic Geography, PrenticeHall, New Delhi.
2. Khann K. K. & Gupta V. K., (1982), Economic and Commercial Geography,Sultan Chand, New Delhi.
3. Losch A: Economics of Location. Yale University Press, New Heaven, 1954.
4. N.C.A.E.R.: Market Towns and Satial Development in India, NCAER, New Delhi, 1983.
5. Robortson D., (2001), Globalization and Environment, E. Elgar Co., U.K.
6. Wheeler J. O. et., (1995), Economic Geography, John wiley, New York.
7. □□□□ □□□□□ (2002), □□□□□□□□ □ □□□□□□ □□□□□, □□□□□□ □□□□□□□□□ □□□□, □□□□□
8. □□□□ □ □□□□□□ (2005), □□□□□□ □□□□□, □□□□□□ □□□□□□□, □□□□
9. □□□□□□ □□. □□. (2005), □□□□□□□□□□ □□□□□□□□, □□□ □□□□□□□, □□□□□□□□□
10. □□□□□□□ □□□□□□ (2006), □□□□□□ □□□□□, □□□□□□□□□□ □□□□□□□□□, □□□□□□
11. □□□□ □ □□□□□□ (2007), □□□□□□ □□□□□, □□□□□ □□□□□□□□□, □□□□□□□□□

NATURE OF QUESTION PAPER AND SCHEME OF MARKING (Proposed)

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 (Theory Paper***) (80 Marks)(Four Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question **(20 Marks)**

Pattern I- Plain questions with 4 alternatives (6 MCQs for 12 marks)

Pattern II- Match the following with 4 alternatives (2 for 4 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.
B) 1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a	

Pattern III- Give two statements (2 MCQs for 4 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect

B) Statement 2 is True/correct and Statement 1 is False/incorrect

C) Both statements are True/correct

D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 3: Short Answer Question (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 4: Long Answer Question (2 out of 4) **(20 Marks)**

Answer limit 300 to 400 words

Internal Assessment ***(20 Mark)***

Home Assignment

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.I Minor
Semester-II
DSM-II: Marketing Geography
Credits : 4
Marks: Semester End:80 Internal Assessment: 20 Total Marks: 100

A] **Ordinance and Regulations:-**

(As applicable to degree/program)

B] Shivaji University, Kolhapur

New/Revised Syllabus for Bachelor of - Commerce.

1. TITLE: Marketing Geography **Code:** DSM 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, 2024 onwards

3. PREAMBLE:

The paper "Marketing Geography" offers students a comprehensive exploration of the fundamental concepts and principles in the field of Marketing Geography. This paper aims to provide students with a solid foundation of knowledge to understand the various aspects of Marketing Geography. Through a series of modules, students will gain insights into the introductory concepts in Marketing geography, Geographical factors affecting Market system and Classification of Markets, Strategies for retail businesses and International marketing strategies, Agricultural Marketing and marketing strategies for tourism destinations and services. By the end of this paper, students will have a well-rounded understanding of the key components and dynamics of Marketing Geography.

4. DURATION

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

5. PATTERN:

Pattern of Examination will be Semester.

6. FEE STRUCTURE:

As per Government /University rules.

7. 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.

8. MEDIUM OF INSTRUCTION:

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

9. STRUCTURE OF COURSE - 100 MARKS (80 + 20)

Semester - II

Paper No.	Title	Marks
DSM – II	Marketing Geography	**100**

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(Marks)		
		L	T	P	Total	Theory	Internal Assessment	Total
1	Marketing Geography	04	04	-	04	80	20	100

13. SCHEME OF EXAMINATION:

- The examination shall be conducted at the end of each term for semester pattern.
- The theory paper shall carry 80 marks (as applicable to the course)
- The theory paper shall carry internal 20 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 100 marks.

14. STANDARD OF PASSING:

As per Prescribed rules and regulation for each degree / programme. Separate passing marks required in examinations. The minimum 28 out of 80 marks required in University examination and internal evaluation 07 out of 20 marks.

15. NATURE OF QUESTION PAPER AND SCHEME OF MARKING (Proposed)

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 (Theory Paper***) (80 Marks) (Four Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question (20 Marks)

Pattern I- Plain questions with 4 alternatives (6 MCQs for 12 marks)

Pattern II- Match the following with 4 alternatives (2 for 4 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.
A)1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a	

Pattern III- Give two statements (2 MCQs for 4 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect
B) Statement 2 is True/correct and Statement 1 is False/incorrect
C) Both statements are True/correct
D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 3: Short Answer Question (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 4: Long Answer Question (2 out of 4) **(20 Marks)**

Answer limit 300 to 400 words

Internal Assessment ***20 Mark***

Unit Test

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	-	-	Marketing Geography	DSM-II

17. SPECIAL INSTRUCTIONS, IF ANY: Nil

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com. Minor
Semester-II
DSM-II: Marketing Geography
Credits : 4
Marks: Semester End:80 Internal Assessment: 20 Total Marks: 100
Introduced from June 2024

COURSE OUTCOMES:

After studying this course students will be able to……

1. Understand the fundamental concepts and definitions of Market and Marketing Geography along with explore the nature and scope of Marketing Geography as a multidisciplinary field.
2. Evaluate significance of Marketing Geography.
3. Enable students to comprehend the classification of Markets and factors affecting market system.
4. Understand the location strategies for retail businesses and international marketing strategies
5. To understand the fundamental concepts and definitions of Agricultural and Tourism Marketing.
6. Enable students to understand the nature, approaches, Process, system, functions and channels of Agricultural Marketing.
7. Enable students to understand marketing strategies for tourism destinations and services.
8. Provide students knowledge of market segmentation, targeting, Promotion and advertising in tourism.

Unit No.	Contents	No. of Hours	Credit
1	**Introduction to Marketing Geography and Market System** 1.1 Definition of Market and Marketing Geography 1.2 Nature and scope of Marketing Geography 1.3 Geographical factors affecting Market system 1.4 Classification of Markets	**15**	**01**
2	**Retail Geography and Global Marketing** 2.1 Location strategies for retail businesses 2.2 Spatial organization of retail spaces 2.3 International marketing strategies 2.4 Cross-cultural marketing considerations	**15**	**01**
3	**Agricultural Marketing** 3.1 Definition and Significance of Agricultural Marketing 3.2 Nature and approaches to the study of Agricultural Mar keting 3.3 Process and system of Agricultural Marketing	**15**	**01**

	3.4 Functions and channels of Agricultural Marketing		
4	**Tourism Marketing** 4.1 Meaning and Definition of Tourism 4.2 Marketing strategies for tourism destinations and services 4.3 Market segmentation and targeting 4.4 Promotion and advertising in tourism	**15**	**01**

References:

1. Berry, B.J.L. Geography of Market Centres and Retail Distribution. Prentice Hall,Englewood cliffs, N. J. 1967.
2. Davis R.L.: Marketing Geography. Methuen, London, 1976.
3. Dixit R.S.: Market Centres and their Spatial development in the Umland of Kanpur Allahabad,1984.
4.Dixit R.S., (1988), Spatial organization of Market centers, pioneer Publ. Jaipur.
5. Garnier, B.J. and Delobez A.: Geography of Marketing. Longman, London, 1977.
6. Losch A: Economics of Location. Yale University Press, New Heaven, 1954.
7. N.C.A.E.R.: Market Towns and Satial Development in India, NCAER, New Delhi, 1983.
8. Robortson D., (2001), Globalization and Environment, E. Elgar Co., U.K.
9. Robinson R.: Geography of Tourism
10. Saxena, H.M. : Geography of Marketing- Concepts and Methods, New Delhi, 1984.
11. Scott. P : Geography and Retailing Hutchinson, London.
12. Seth Pran:Enlessful Tourism Manament
13. Sharma K.C.: Tourism : Policy, Planning stategy.
14. Sinha P.C.: Tourism Marketing.

SHIVAJI UNIVERSITY, KOLHAPUR

Estd 1962

NAAC 'A' Grade

Syllabus For

B.Com. Part-I

Geography

NEP

Sem-I & Sem-II

Introduced from June 2024 and Onwards

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

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.I
Semester-I
OE-I: Introduction to Commercial Geography
Credits : 2
Marks: Semester End:40 Internal Assessment: 10 Total Marks: 50
Introduced from June 2024

A] **Ordinance and Regulations:-**

(As applicable to degree/program)

B] Shivaji University, Kolhapur

New/Revised Syllabus for Bachelor of - Commerce.

1. TITLE: Introduction to Commercial Geography **Code:** OE I

Number of Theory Credits	Number of lecture hours/ semester	Number of Theory Periods per week
02	30	02

2. YEAR OF IMPLEMENTATION: New/Revised Syllabi will be implemented from June, 2024 onwards

3. PREAMBLE:

The paper "Introduction to Commercial Geography" offers students a comprehensive exploration of the fundamental concepts and principles in the field of Commercial Geography. This paper aims to provide students with a solid foundation of knowledge to understand the various aspects of Commercial Geography. Through a series of modules, students will gain insights into the introductory concepts in commercial geography and Classification of Economic activities, Factors affecting Economic activities, Classification of Worlds Economy and Major Economic Activities in India. By the end of this paper, students will have a well-rounded understanding of the key components and dynamics of Commercial Geography.

4. DURATION

The duration of the B.Com. Program shall extend over 6/8 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.

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)

Semester - I

Paper No.	Title	Marks
OE – I	Introduction to Commercial 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 (Marks)		
		L	T	P	Total	Theory	Internal Assessment	Total
1	Introduction to Commercial Geography	02	02	-	02	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 (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.

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 evaluation 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 (Theory Paper***) (40 Marks) (Two Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question (10 Marks)

Pattern I- Plain questions with 4 alternatives (3 MCQs for 6 marks)

Pattern II- Match the following with 4 alternatives (1 for 2 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.

A) 1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a

Pattern III- Give two statements (1 MCQs for 2 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect
B) Statement 2 is True/correct and Statement 1 is False/incorrect
C) Both statements are True/correct
D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 3: Long Answer Question (1 out of 2) **(10 Marks)**

Answer limit 300 to 400 words

Internal Assessment ***10 Mark***

Home Assignment

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	-	-	Introduction to Commercial Geography	OE-I

17. SPECIAL INSTRUCTIONS, IF ANY: Nil

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.
Semester-I
OE-I: Introduction to Commercial Geography
Credits : 2
Marks: Semester End:40 Internal Assessment: 10 Total Marks: 50
Introduced from June 2024

COURSE OUTCOMES:

After studying this course students will be able to……

1. Understand the fundamental concepts and definitions of Commercial Geography along with explore the nature and scope of Commercial Geography as a multidisciplinary field.
2. Evaluate significance of Commercial Geography.
3. Comprehend the classification of economic activities and factors affecting economic activities
4. Understand the classification of worlds economy
5. Understand of major economic activities in India

Unit No.	Contents	No. of Hours	Credit
1	**Introduction to Commercial Geography** 1.1Meaning and Definition of Commercial Geography 1.2 Nature of Commercial Geography 1.3 Scope of Commercial Geography 1.4 Significance of Commercial Geography	15	01
2	**Economic Activities** 2.1 Classification of Economic activities 2.2 Factors affecting Economic activities 2.3 Classification of Worlds Economy 2.4 Major Economic Activities in India	15	01

References:.

1. Hartshorne T. N. & Alexander J.W., (1994), Economic Geography, PrenticeHall, New Delhi.
2. Khann K. K. & Gupta V. K., (1982), Economic and Commercial Geography,Sultan Chand, New Delhi.
3. Losch A: Economics of Location. Yale University Press, New Heaven, 1954.
4. N.C.A.E.R.: Market Towns and Satial Development in India, NCAER, New Delhi, 1983.
5. Robortson D., (2001), Globalization and Environment, E. Elgar Co., U.K.
6. Wheeler J. O. et., (1995), Economic Geography, John wiley, New York.
7. शंकर चौधरी (2002), पर्यावरण व आर्थिक भूगोल, हिमालय पब्लिशिंग हाऊस, मुंबई
8. सवदी व कोळेकर (2005), आर्थिक भूगोल, निराली प्रकाशन, पुणे
9. चौगुले डी. जी. (2005), व्यावसायिक पर्यावरण, अजब प्रकाशन, कोल्हापूर
10. घारपुरे विठ्ठल (2006), आर्थिक भूगोल, पिंपळापुरे पब्लिकेशन, नागपूर

11. सवदी व कोळेकर (2007), आर्थिक भूगोल, मेहता पब्लिकेशन, कोल्हापूर

NATURE OF QUESTION PAPER AND SCHEME OF MARKING: (Proposed)

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 (Theory Paper***) (40 Marks) (Two Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question **(10 Marks)**

Pattern I- Plain questions with 4 alternatives (3 MCQs for 6 marks)

Pattern II- Match the following with 4 alternatives (1 for 2 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.

A) 1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a

Pattern III- Give two statements (1 MCQs for 2 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect

B) Statement 2 is True/correct and Statement 1 is False/incorrect

C) Both statements are True/correct

D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 3: Long Answer Question (1 out of 2) **(10 Marks)**

Answer limit 300 to 400 words

Internal Assessment ***10 Mark***

Home Assignment

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.I
Semester-I
OE-II: Introduction to Marketing Geography
Credits : 2
Marks: Semester End:40 Internal Assessment: 10 Total Marks: 50
Introduced from June 2024

A] **Ordinance and Regulations:-**

(As applicable to degree/program)

B] Shivaji University, Kolhapur

New/Revised Syllabus for Bachelor of - Commerce.

1. TITLE: Introduction to Marketing Geography **Code:** OE II

Number of Theory Credits	Number of lecture hours/ semester	Number of Theory Periods per week
02	30	02

2. YEAR OF IMPLEMENTATION: New/Revised Syllabi will be implemented from June, 2024 onwards

3. PREAMBLE:

The paper "Introduction to Marketing Geography" offers students a comprehensive exploration of the fundamental concepts and principles in the field of Marketing Geography. This paper aims to provide students with a solid foundation of knowledge to understand the various aspects of Marketing Geography. Through a series of modules, students will gain insights into the introductory concepts in Marketing geography and Structure & Significance of Markets, Geographical factors affecting Market systemand Classification of Markets.By the end of this paper, students will have a well-rounded understanding of the key components and dynamics of Marketing Geography.

4. DURATION

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

5. PATTERN:

Pattern of Examination will be Semester.

6. FEE STRUCTURE:

As per Government /University rules.

7. 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.

8. MEDIUM OF INSTRUCTION:

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

9. STRUCTURE OF COURSE - 50 MARKS (40 + 10)

Semester - I

Paper No.	Title	Marks
OE – II	Introduction to Marketing Geography	**50**

10. 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(Marks)		
		L	T	P	Total	Theory	Internal Assessment	Total
1	Introduction to Marketing Geography	02	02	-	02	40	10	50

11. 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 (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.

12. 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 evaluation 04 out of 10 marks.

13. NATURE OF QUESTION PAPER AND SCHEME OF MARKING: (Proposed)

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 (Theory Paper***) (40 Marks) (Two Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question (10 Marks)

Pattern I- Plain questions with 4 alternatives (3 MCQs for 6 marks)

Pattern II- Match the following with 4 alternatives (1 for 2 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.

A) 1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a

Pattern III- Give two statements (1 MCQs for 2 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect

B) Statement 2 is True/correct and Statement 1 is False/incorrect

C) Both statements are True/correct

D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 3: Long Answer Question (1 out of 2) **(10 Marks)**

Answer limit 300 to 400 words

Internal Assessment ***10 Mark***

Home Assignment

14. 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	-	-	Introduction to Marketing Geography	OE-II

15. SPECIAL INSTRUCTIONS, IF ANY: Nil

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.
Semester-I
OE-II: Introduction to Marketing Geography
Credits : 2
Marks: Semester End:40 Internal Assessment: 10 Total Marks: 50
Introduced from June 2024

COURSE OUTCOMES:

After studying this course students will be able to……

1. Understand the fundamental concepts and definitions of Marketing Geography along with explore the nature and scope of Marketing Geography as a multidisciplinary field.
2. Evaluate significance of Marketing Geography.
3. Understand the structure & significance of markets.
4. Comprehend the classification of markets and factors affecting market system.

Unit No.	Contents	No. of Hours	Credit
1	**Introduction to Marketing Geography** 1.1Meaning and Definition of Marketing Geography 1.2 Nature of Marketing Geography 1.3 Scope of Marketing Geography 1.4 Significance of Marketing Geography	15	01
2	**Market System** 2.1 Definition of Market 2.2 Structure & Significance of Markets 2.3 Geographical factors affecting Market system 2.4 Classification of Markets	15	01

References:.

1. Berry, B.J.L. Geography of Market Centres and Retail Distribution. Prentice Hall,Englewood cliffs, N. J. 1967.
2. Davis R.L.: Marketing Geography. Methuen, London, 1976.
3. Dixit R.S.: Market Centres and their Spatial development in the Umland of Kanpur Allahabad,1984.
4.Dixit R.S., (1988), Spatial organization of Market centers, pioneer Publ. Jaipur.
5. Garnier, B.J. and Delobez A.: Geography of Marketing. Longman, London, 1977.
6. Losch A: Economics of Location. Yale University Press, New Heaven, 1954.
7. N.C.A.E.R.: Market Towns and Satial Development in India, NCAER, New Delhi, 1983.
8. Robortson D., (2001), Globalization and Environment, E. Elgar Co., U.K.
9. Saxena, H.M. : Geography of Marketing- Concepts and Methods, New Delhi, 1984.
10. Scott. P : Geography and Retailing Hutchinson, London.

NATURE OF QUESTION PAPER AND SCHEME OF MARKING: (Proposed)

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 (Theory Paper***) (40 Marks) (Two Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question **(10 Marks)**

Pattern I- Plain questions with 4 alternatives (3 MCQs for 6 marks)

Pattern II- Match the following with 4 alternatives (1 for 2 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.

A) 1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a

Pattern III- Give two statements (1 MCQs for 2 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect

B) Statement 2 is True/correct and Statement 1 is False/incorrect

C) Both statements are True/correct

D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 3: Long Answer Question (1 out of 2) **(10 Marks)**

Answer limit 300 to 400 words

Internal Assessment ***10 Mark***

Home Assignment

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.I
Semester-II
OE-III: Commercial Geography
Credits : 2
Marks: Semester End:40 Internal Assessment: 10 Total Marks: 50
Introduced from June 2024

A] **Ordinance and Regulations:-**

(As applicable to degree/program)

B] Shivaji University, Kolhapur

New/Revised Syllabus for Bachelor of - Commerce.

1. TITLE: Commercial Geography **Code:** OE III

Number of Theory Credits	Number of lecture hours/ semester	Number of Theory Periods per week
02	30	02

2. YEAR OF IMPLEMENTATION: New/Revised Syllabi will be implemented from June, 2024 onwards

3. PREAMBLE:

The paper "Commercial Geography" offers students a comprehensive exploration of the fundamental concepts of globalization and trade in the field of Commercial Geography. This paper aims to provide students with a solid foundation of knowledge to understand the various aspects of Commercial Geography. Through a series of modules, students will gain insights into the meaning, historical context of globalization, impacts of globalization, effect of globalization on Indian Economy, types of trade, factors affecting trade, major trade organizations and international trade of India. By the end of this paper, students will have a well-rounded understanding of the key components and dynamics of globalization and trade.

4. DURATION

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

5. PATTERN:

Pattern of Examination will be Semester.

6. FEE STRUCTURE:

As per Government /University rules.

7. 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.

8. MEDIUM OF INSTRUCTION:

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

9. STRUCTURE OF COURSE - 50 MARKS (40 + 10)

Semester - II

Paper No.	**Title**	**Marks**
EO – III	Commercial Geography	**50**

10. 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 (Marks)		
		L	T	P	Total	Theory	Internal Assessment	Total
1	Commercial Geography	02	02	-	02	40	10	50

11. 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 (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.

12. 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 evaluation 04 out of 10 marks.

13. NATURE OF QUESTION PAPER AND SCHEME OF MARKING: (Proposed)

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 (Theory Paper***) (40 Marks) (Two Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question **(10 Marks)**

Pattern I- Plain questions with 4 alternatives (3 MCQs for 6 marks)

Pattern II- Match the following with 4 alternatives (1 for 2 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.

A) 1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a

Pattern III- Give two statements (1 MCQs for 2 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect

B) Statement 2 is True/correct and Statement 1 is False/incorrect

C) Both statements are True/correct

D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 3: Long Answer Question (1 out of 2) **(10 Marks)**

Answer limit 300 to 400 words

Internal Assessment ***10 Mark***

Unit Test

14. 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	-	-	Commercial Geography	OE-III

15. SPECIAL INSTRUCTIONS, IF ANY: Nil

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.
Semester-II
OE-III: Commercial Geography
Credits : 2
Marks: Semester End:40 Internal Assessment: 10 Total Marks: 50
Introduced from June 2024

COURSE OUTCOMES:

After studying this course students will be able to……

1. Understand the fundamental concepts and definitions of globalization and its historical context.
2. Understand the impacts of globalization and effect of globalization on Indian economy.
3. Understand the types of trade and factors affecting trade
4. Know facts of major trade organizations and international trade of India

Unit No.	Contents	No. of Hours	Credit
1	**Globalization** 1.1 Meaning of Globalization 1.2 Historical Context of Globalization 1.3 Impacts of Globalization 1.4 Globalization & Indian Economy	15	01
2	**Trade** 2.1 Types of Trade 2.2 Factors Affecting Trade. 2.3 Trade Organizations – WTO, SAARC, BRICS. 2.4. International Trade of India.	15	01

References:.

1. Hartshorne T. N. & Alexander J.W., (1994), Economic Geography, PrenticeHall, New Delhi.
2. Khann K. K. & Gupta V. K., (1982), Economic and Commercial Geography,Sultan Chand, New Delhi.
3. Losch A: Economics of Location. Yale University Press, New Heaven, 1954.
4. N.C.A.E.R.: Market Towns and Satial Development in India, NCAER, New Delhi, 1983.
5. Robortson D., (2001), Globalization and Environment, E. Elgar Co., U.K.
6. Wheeler J. O. et., (1995), Economic Geography, John wiley, New York.
7. शंकर चौधरी (2002), पर्यावरण व आर्थिक भूगोल, हिमालय पब्लिशिंग हाऊस, मुंबई
8. सवदी व कोळेकर (2005), आर्थिक भूगोल, निराली प्रकाशन, पुणे
9. चौगुले डी. जी. (2005), व्यावसायिक पर्यावरण, अजब प्रकाशन, कोल्हापूर
10. घारपुरे विठ्ठल (2006), आर्थिक भूगोल, पिंपळापुरे पब्लिकेशन, नागपूर
11. सवदी व कोळेकर (2007), आर्थिक भूगोल, मेहता पब्लिकेशन, कोल्हापूर

NATURE OF QUESTION PAPER AND SCHEME OF MARKING: (Proposed)

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 (Theory Paper***) (40 Marks) (Two Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question **(10 Marks)**

Pattern I- Plain questions with 4 alternatives (3 MCQs for 6 marks)

Pattern II- Match the following with 4 alternatives (1 for 2 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.

A) 1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a

Pattern III- Give two statements (1 MCQs for 2 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect

B) Statement 2 is True/correct and Statement 1 is False/incorrect

C) Both statements are True/correct

D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 3: Long Answer Question (1 out of 2) **(10 Marks)**

Answer limit 300 to 400 words

Internal Assessment ***10 Mark***

Unit Test

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.I
Semester-II
OE-IV: Marketing Geography
Credits : 2
Marks: Semester End:40 Internal Assessment: 10 Total Marks: 50
Introduced from June 2024

A] **Ordinance and Regulations:-**

(As applicable to degree/program)

B] Shivaji University, Kolhapur

New/Revised Syllabus For Bachelor of Commerce.

1. TITLE: Marketing Geography **Code:** OE IV

Number of Theory Credits	Number of lecture hours/ semester	Number of Theory Periods per week
02	30	02

2. YEAR OF IMPLEMENTATION: New/Revised Syllabi will be implemented from June, 2024 onwards

3. PREAMBLE:

The paper "Marketing Geography" offers students a comprehensive exploration of the fundamental concepts of market in the field of Marketing Geography. This paper aims to provide students with a solid foundation of knowledge to understand the various aspects of Marketing Geography. Through a series of modules, students will gain insights into the meaning, definition of Agricultural and Tourism Marketing, Nature and approaches to the study of Agricultural Marketing,Process and system of Agricultural Marketing,Functionsandchannelsof Agricultural M arketing, Marketing strategies for tourism destinations and services, Market segmentation and targeting, Promotion and advertising in tourism. By the end of this paper, students will have a well-rounded understanding of the key components and dynamics of Marketing Geography.

4. DURATION

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

5. PATTERN:

Pattern of Examination will be Semester.

6. FEE STRUCTURE:

As per Government /University rules.

7. 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.

8. MEDIUM OF INSTRUCTION:

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

9. STRUCTURE OF COURSE - 50 MARKS (40 + 10)

Semester - II

Paper No.	Title	Marks
OE – IV	Marketing Geography	**50**

10. 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 (Marks)		
		L	T	P	Total	Theory	Internal Assessment	Total
1	Marketing Geography	02	02	-	02	40	10	50

11. 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 (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.

12. 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 evaluation 04 out of 10 marks.

13. NATURE OF QUESTION PAPER AND SCHEME OF MARKING: (Proposed)

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 (Theory Paper***) (40 Marks) (Two Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question (10 Marks)

Pattern I- Plain questions with 4 alternatives (3 MCQs for 6 marks)

Pattern II- Match the following with 4 alternatives (1 for 2 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.

A) 1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a

Pattern III- Give two statements (1 MCQs for 2 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect

B) Statement 2 is True/correct and Statement 1 is False/incorrect

C) Both statements are True/correct

D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 3: Long Answer Question (1 out of 2) **(10 Marks)**

Answer limit 300 to 400 words

Internal Assessment ***10 Mark***

Unit Test

14. 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	-	-	Marketing Geography	OE-IV

15. SPECIAL INSTRUCTIONS, IF ANY: Nil

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.
Semester-I
OE-IV: Introduction to Marketing Geography
Credits : 2
Marks: Semester End:40 Internal Assessment: 10 Total Marks: 50
Introduced from June 2024

COURSE OUTCOMES:

After studying this course students will be able to……

1. Understand the fundamental concepts and definitions of Agricultural and Tourism Marketing.
2. Understand the nature, approaches, Process, system, functions and channels of Agricultural Marketing.
3. Understand marketing strategies for tourism destinations and services.
4. Know facts of market segmentation, targeting, Promotion and advertising in tourism.

Unit No.	Contents	No. of Hours	Credit
1	**Module.1. Agricultural Marketing** 1.1 Definition and Significance of Agricultural Marketing 1.2 Nature and approaches to the study of Agricultural Marketing 1.3 Process and system of Agricultural Marketing 1.4 Functions and channels of Agricultural Marketing	15	01
2	**Module.2. Tourism Marketing** 2.1 Meaning and Definition of Tourism 2.2 Marketing strategies for tourism destinations and services 2.3 Market segmentation and targeting 2.4 Promotion and advertising in tourism	15	01

References:.

1. Davis R.L.: Marketing Geography. Methuen, London, 1976.
2. Dixit R.S.: Market Centres and their Spatial development in the Umland of Kanpur Allahabad,1984.
3. Dixit R.S., (1988), Spatial organization of Market centers, pioneer Publ. Jaipur.
4. Garnier, B.J. and Delobez A.: Geography of Marketing. Longman, London, 1977.
5. 7. N.C.A.E.R.: Market Towns and Satial Development in India, NCAER, New Delhi, 1983.
6. Robinson R.: Geography of Tourism
7. Saxena, H.M. : Geography of Marketing- Concepts and Methods, New Delhi, 1984.
8. Scott. P : Geography and Retailing Hutchinson, London.
9. Seth Pran:Enlessful Tourism Manament
10. Sharma K.C.: Tourism : Policy, Planning stategy.

NATURE OF QUESTION PAPER AND SCHEME OF MARKING: (Proposed)

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 (Theory Paper***) (40 Marks) (Two Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question **(10 Marks)**

Pattern I- Plain questions with 4 alternatives (3 MCQs for 6 marks)

Pattern II- Match the following with 4 alternatives (1 for 2 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.

A) 1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a

Pattern III- Give two statements (1 MCQs for 2 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect

B) Statement 2 is True/correct and Statement 1 is False/incorrect

C) Both statements are True/correct

D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 3: Long Answer Question (1 out of 2) **(10 Marks)**

Answer limit 300 to 400 words

Internal Assessment ***10 Mark***

Unit Test

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.I
Semester-I
SEC-I: Concepts of Tourism Geography-I
Credits : 4
Marks: Semester End:80 Internal Assessment: 20 Total Marks: 100
Introduced from June 2024

A] **Ordinance and Regulations:-**

(As applicable to degree/program)

B] Shivaji University, Kolhapur

New/Revised Syllabus For Bachelor of -Commerce.

1. TITLE: Concepts of Tourism Geography-I **Code:** SEC I

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, 2024 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.

4. DURATION

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

5. PATTERN:

Pattern of Examination will be Semester.

6. FEE STRUCTURE:

As per Government /University rules.

7. 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.

8. MEDIUM OF INSTRUCTION:

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

9. STRUCTURE OF COURSE - 100 MARKS (80 + 20)

Semester - I

Paper No.	Title	Marks
SEC – I	Concepts of Tourism Geography-I	**100**

10. 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	Internal Assessment	Total
1	Concepts of Tourism Geography- I	04	04	-	04	80	20	100

11. SCHEME OF EXAMINATION:

- The examination shall be conducted at the end of each term for semester pattern.
- The theory paper shall carry 80 marks (as applicable to the course)
- The theory paper shall carry internal 20 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 100 marks.

12. STANDARD OF PASSING:

As per Prescribed rules and regulation for each degree / programme. Separate passing marks required in examinations. The minimum 28 out of 80 marks required in University examination and internal evaluation 07 out of 20 marks.

13. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

(Proposed)

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 (Theory Paper***) (80 Marks) (Four Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question (20 Marks)

Pattern I- Plain questions with 4 alternatives (6 MCQs for 12 marks)

Pattern II- Match the following with 4 alternatives (2 for 4 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.

A) 1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a

Pattern III- Give two statements (2 MCQs for 4 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect

B) Statement 2 is True/correct and Statement 1 is False/incorrect

C) Both statements are True/correct

D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 3: Short Answer Question (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 4: Long Answer Question (2 out of 4) **(20 Marks)**

Answer limit 300 to 400 words

Internal Assessment ***20 Mark***

Home Assignment

14. 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	SEC-I

15. SPECIAL INSTRUCTIONS, IF ANY: Nil

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.
Semester-I
SEC-I: Concepts in Tourism Geography
Credits : 4
Marks: Semester End:80 Internal Assessment: 20 Total Marks: 100
Introduced from June 2024

COURSE OUTCOMES:

After studying this course students will be able to……

1. 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.
2. Analyze recent trends in the industry.
3. Evaluate the economic, socio-cultural, and environmental impacts of tourism.
4. Identify challenges and issues associated with tourism development and explore sustainable practices for mitigating negative impacts.
5. Understand the principles of sustainable development in tourism.
6. Utilize computer technologies for e-ticket booking, destination search, promotion, mapping, and distance calculations in the context of tourism geography.

Unit No.	Contents	No. of Hours	Credit
1	**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	15	01
2	**Classification and Development of Tourism** 2.1Classification on the basis of Nationality, Time, Number of tourist, Objectives, Transportation, Season and Nature of Tourism 2.2 Historical development of Tourism 2.3 Recent trends in Tourism	15	01
3	**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	01
4	**Online Booking and Promotion for Tourism** 4.1 e-ticket booking 4.2 Search Hotels and Destination 4.3 Promotion of tour agency 4.4 Mapping and distance calculations through Google Earth/Map	15	01

Reference Books:

1. Bhatia A.K.: International Tourism
2. Bhatia A.K.: Tourism Development
3. Dev Manoj: India – A ToruistParedise
4. Dhar Pramnath: Development of Tourism and Travel Industry
5. Gupta V.N.: Tourism in India
6. Negi Jagmohan: Tourism Development and Resource Conservation 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 Ratandee :Tourism Today Vol. 1
    Tourism Today Vol. 2
    Tourism Today Vol. 3

15.शिंदे एस. बी.: पर्यट्न भूगोल

16.घारपुरे व्ही. टी.: पर्यट्न भूगोल,पिंपळापुरे पब्लीशर्स, नागपूर.

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

NATURE OF QUESTION PAPER AND SCHEME OF MARKING: (Proposed)

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 (Theory Paper***) (80 Marks) (Four Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question (20 Marks)

Pattern I- Plain questions with 4 alternatives (6 MCQs for 12 marks)

Pattern II- Match the following with 4 alternatives (2 for 4 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.
A) 1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a	

Pattern III- Give two statements (2 MCQs for 4 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect
B) Statement 2 is True/correct and Statement 1 is False/incorrect
C) Both statements are True/correct
D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) (20 Marks)

Answer limit 150 to 200 words

Q. 3: Short Answer Question (any 4 out of 6) (20 Marks)

Answer limit 150 to 200 words

Q. 4: Long Answer Question (2 out of 4) (20 Marks)

Answer limit 300 to 400 words

Internal Assessment ***20 Mark***

Home Assignment

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.I
Semester- II
SEC-II: Development and Planning of Tourism in India-II
Credits : 4
Marks: Semester End:80 Internal Assessment: 20 Total Marks: 100
Introduced from June 2024

A] **Ordinance and Regulations:-**

(As applicable to degree/program)

B] Shivaji University, Kolhapur

New/Revised Syllabus For Bachelor of -Commerce.

1. TITLE: Development and Planning of Tourism in India-II **Code:** SEC 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, 2024 onwards

3. PREAMBLE:

The course on "Development and Planning of Tourism" offers a comprehensive study of the tourism industry, focusing on India, with specific emphasis on Maharashtra. 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 and travel documentation. 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. DURATION

The duration of the B.Com. Program shall extend over 6/8 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.

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 - 100 MARKS (80 + 20)

Semester - II

Paper No.	Title	Mark
SEC – II	Development and Planning of Tourism in India-II	**100**

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	Internal Assessment	Total
1	Development and Planning of Tourism in India – II	04	04	-	04	80	20	100

13. SCHEME OF EXAMINATION:

- The examination shall be conducted at the end of each term for semester pattern.
- The theory paper shall carry 80 marks (as applicable to the course)
- The theory paper shall carry internal 20 marks for (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 100 marks.

14. STANDARD OF PASSING:

As per Prescribed rules and regulation for each degree / programme. Separate passing marks required in examinations. The minimum 28 out of 80 marks required in University examination and internal evaluation 07 out of 20 marks.

15. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

(Proposed)

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 (Theory Paper***) (80 Marks) (Four Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question (20 Marks)

Pattern I- Plain questions with 4 alternatives (6 MCQs for 12 marks)

Pattern II- Match the following with 4 alternatives (2 for 4 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.
A)1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a	

Pattern III- Give two statements (2 MCQs for 4 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect

B) Statement 2 is True/correct and Statement 1 is False/incorrect

B) Both statements are True/correct

C) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 3: Short Answer Question (any 4 out of 6) **(20 Marks)**

Answer limit 150 to 200 words

Q. 4: Long Answer Question (2 out of 4) **(20 Marks)**

Answer limit 300 to 400 words

Internal Assessment ***20 Mark***

Unit test

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	-	-	Development and Planning of Tourism in India	SEC-II

17. SPECIAL INSTRUCTIONS, IF ANY: Nil

SHIVAJI UNIVERSITY, KOLHAPUR
Faculty of Commerce and Management
Syllabus as per National Education Policy (NEP) 2020
B.Com.
Semester-II
SEC-II: Development and Planning of Tourism
Credits : 4
Marks: Semester End:80 Internal Assessment: 20 Total Marks: 100
Introduced from June 2024

COURSE OUTCOMES:

After studying this course students will be able to……

1. Explore the significance of effective planning and development strategies in the tourism industry.
2. Examine different types of tourism centers, including natural, religious, cultural, and historical destinations in India and Maharashtra.
3. Develop an understanding of travel documentation processes, including passports, visas, ticketing, and tour itineraries.

Unit No.	Contents	No. of Hours	Credit
1	**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	15	01
2	**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	01
3	**Tourism Centers in Maharashtra** 3.1 Natural tourism centers in Maharashtra 3.2 Religious tourism centers in Maharashtra 3.3 Cultural tourism centers in Maharashtra 3.4 Historical tourism centers in Maharashtra	15	01
4	**Travel Documentation** 4.1 Passport 4.2 Visa 4.3 Ticketing 4.4 Tour itinerary	15	01

Reference Books:

1. Bhatia A.K. International Tourism
2. Bhatia A.K.: Tourism Development
3. Dev Manoj: India – A ToruistParedise
4. Dhar Pramnath: Development of Tourism and Travel Industry
5. Gupta V.N.: Tourism in India
6. Negi Jagmohan: 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.: पर्यट्नभूगोल
16.घारपुरे व्ही. टी. : पर्यट्न भूगोल,पिंपळापुरे पब्लीशर्स, नागपूर.
17. Geography of Tourism – Distance Education Department, Shivaji University, Kolhapur

NATURE OF QUESTION PAPER AND SCHEME OF MARKING: (Proposed)

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 (Theory Paper***) (80 Marks) (Four Credits):***

All questions are compulsory

Q. 1: Multiple Choose Question (20 Marks)

Pattern I- Plain questions with 4 alternatives (6 MCQs for 12 marks)

Pattern II- Match the following with 4 alternatives (2 for 4 marks)

Group I	Group II
1.	a.
2.	b.
3.	c.
4.	d.
A) 1-a 2-b 3-c 4-d B) 1-b 2-a 3-c 4-d C) 1-c 2-b 3-a 4-d D) 1-d 2-c 3-b 4-a	

Pattern III- Give two statements (2 MCQs for 4 marks)

1. 2.

Which is the correct option? (or Which is the incorrect option)

A) Statement 1 is True/correct and Statement 2 is False/incorrect
B) Statement 2 is True/correct and Statement 1 is False/incorrect
C) Both statements are True/correct
D) Both statements are False/incorrect

Q. 2: Short Notes (any 4 out of 6) (20 Marks)

Answer limit 150 to 200 words

Q. 3: Short Answer Question (any 4 out of 6) (20 Marks)

Answer limit 150 to 200 words

Q. 4: Long Answer Question (2 out of 4) (20 Marks)

Answer limit 300 to 400 words

Internal Assessment ***20 Mark***

Unit test

SHIVAJI UNIVERSITY, KOLHAPUR

Established: 1962

A++ Accredited by NAAC (2021) With CGPA 3.52

Bachelor of Science (B. Sc. in Geography)

Under
Faculty of Science and Technology

B. Sc. Part-I (Semester – I and II)

STRUCTURE AND SYLLABUS IN ACCORDANCE WITH
NATIONAL EDUCATION POLICY – 2020
HAVING CHOICE BASED CREDIT SYSTEM
WITH MULTIPLE ENTRY AND MULTIPLE EXIT OPTIONS

TO BE IMPLEMENTED FROM ACADEMIC YEAR 2024-2025 ONWARDS

Shivaji University, Kolhapur

First Year Bachelor of Arts (B. A.-I) (UG CERTIFICATE) in Geography

Year	B. Sc. I
Semester	I & II
Level	4.5
Total Credits	22 + 22 = 44
Degree Awarded	UG CERTIFICATE (After 44 Credits in Total)

A-I) B. Sc. – I: Semester-I (Total Credits-22):

Course Category		Course Name	Course Code	Credits
Major	Mandatory			
Minor	--	Introduction to Geomorphology – P 01		**2**
		Fundamentals of Climatology- P02		**2**
		Representation of Geo Data-P01		**2**
IDC/MDC / GEC/OE	OE	Fundamentals of Earth Science – P 01		**2**
		Fundamentals of Earth Science- P02		**2**
VSC/SEC	SEC	Introduction to Geospatial Science - P 01		**2**
		Practical: Introduction to Geoinformatics- P01		**2**
AEC/VAC /KIS	AEC			
	VAC			
Credits for B. A./ B. A. B. Ed. – I SEM-I				**22**

A-I) B. Sc.– II: Semester-II (Total Credits-22):

Course Category		Course Name	Course Code	Credits
Major	Mandatory			
Minor	--	Fundamentals of Human Geography- P03		**2**
		Economic and Settlement Geography- P04		**2**
		Representation of Geo Data-P02		**2**
IDC/MDC / GEC/OE	OE	Principles of Human Geography - P03		**2**
		Principles of Human Geography - P04		**2**
VSC/SEC	SEC	Introduction to Geospatial Science - P 02		**2**
		Practical: Introduction to Geoinformatics- P02		**2**
AEC/VAC /KIS	AEC			
	VAC			
Credits for B. A./ B. A. B. Ed. – I SEM-II				**22**

Shivaji University, Kolhapur
B. Sc.-I
Minor P01: Introduction to Geomorphology-I (Geography) as per NEP 2020

Name of the Pragramme	**:**	B. Sc. (GEOGRAPHY)
Class	**:**	B. Sc. I
Semester	**:**	I
Name of Vertical Group	**:**	Minor Core (V-2)
Course Code	**:**	
Course Title	**:**	**Introduction to Geomorphology**
Total Credit	**:**	02
Workload	**:**	02 credit X 15 Hours= 30 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40:10
Nature of Question Paper	**:**	As per university guidelines

Preamble:

The Earthis changing continuously due its internal and external process and it reflects through different forms or structure. Geomorphology at the B. Sc.-I level, how Earth's landscapes change with forces like andindogenetic and exogenetic activity which are based on internal material of the Earth. Unravel the theories behind mountains, valleys, and river landforms. This course provides basic information of the interior of the Earth, rocks, denudation etc.

General Objectives of the Course:

1. To provide knowledge of the Earth's origin, and interior of the earth.
2. To study the earth's movements.
3. To study the concept of denudation and its aspects.
4. To provide detail information and knowledge about denudation.

Course Outcomes:

By the end of the course:

1. The Students will possess a comprehensive understanding of the Earth's origin and interior of the earth.
2. The students will be aware about earth’s movements.
3. The students will be get knowledge of denudation and its aspects.
4. The students will be able to process and also identify the land forms of external agents.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	The Earth System	1.1 Origin of the Earth 1.2 Interior of the earth 1.3 Rocks: Characteristics, types, importance 1.4 Continental drift theory 1.5 Theory of Plate Tectonics 1.6 Endogenetic and ExogeneticEarth's Movements	15	01
2	Denudation	2.1 Weathering: meaning, types and controlling factors 2.2 Davis Cycle of Erosion and fluvial landforms 2.3 Evolution of Landforms: River 2.4 Evolution of Landforms: Wind 2.5 Evolution of Landforms: Glacier 2.6 Evolution of Landforms: Sea waves	15	01

Suggested Readings

1. Hockey, Thomas, Jennifer Lynn Bartlett, and Daniel C. Boice. *Solar System*. Boca Raton: CRC Press, 2021. http://dx.doi.org/10.1201/9781003197553.
2. Hughes, David W. *Solar system*. New York: Sterling, 2013.
3. *Lunine, Jonathan I. (1999). Earth: evolution of a habitable world. United Kingdom: Cambridge University Press. ISBN 978-0-521-64423-5.*
4. Johnson, D. R., Ruzek, M., and Kalb, M., 1997, What is Earth System Science? Proceedings of the 1997 International Geoscience and Remote Sensing Symposium, Singapore, August 4-8, 1997, pp. 688-691. http://www.usra.edu/esse/essonline/igarss97.html
5. Conserva H. T. 2004: Illustrated Dictionary of Physical Geography, Author House, USA.
6. Christopherson, R.W. 2000, Geo-systems, Prentice Hall, INC. USA. Hamblin, W.K., 1989: The Earth's Dynamic Systems, Macmillan Publishing Company, New York.
7. Gabler, R. E., Peterson, J. F. and Trapasso, L. M., 2007: Essentials of Physical Geography (8th Edition), Thomson, Brooks/ Cole, USA.
8. Garrette, N., 2000: Advance Geography, Oxford University Press.
9. Goudie, A., 1984: The Nature of Environment: An Advanced Physical Geography, Basil Blackwell Publishers, Oxford.
10. Husain, M., 2001: Fundamentals of Physical Geography, Rawat Publication, Jaipur.
11. Kale,V. S. and Gupta, A.,2001: Introduction to Geomorphology, Orient Longman, Calcutta.
12. Monkhouse, F. J., 1996: Principles of Physical Geography, Hodder and Stoughton, London.
13. Robinson, H., 1969: Morphology and Landscape, University Tutorial Press Ltd, London.

14. Siddhartha, K., 2001: The Earth's Dynamic Surface, Kisalaya Publications Pvt. Ltd, New Delhi.
15. Strahler, A.A. and Strahler, A. N., 2002: Physical Geography: Science and Systems of the Human Environment, John Wiley & Sons, New York.
16. Dayal, P; A Text book of Geomorphology. Shukla Book depot, Patna,1996.
17. Dury, G.H. : The Face of the Earth, Penguins, 1980.
18. Ernst, W.G.: Earth systems - Process and Issues. Cambridge University Press,2000.
19. ICSSR: A Survey of Research in Physical Geography. Concept, New Delhi, 1983.
20. Kale V. and Gupta, A: Element of Geomorphology, Oxford University Press, Calcutta,2001
21. Singh,S. :Geomorphology, PrayagPustakalaya, Allahabad,1998.

Shivaji University, Kolhapur
B. Sc.-I
Minor P02: Fundamentals of Climatology-II (Geography) as per NEP 2020

Name of the Pragramme	**:**	B. Sc. (GEOGRAPHY)
Class	**:**	B. Sc. I
Semester	**:**	I
Name of Vertical Group	**:**	Minor Core (V-2)
Course Code	**:**	
Course Title	**:**	**Fundamentals of Climatology-II**
Total Credit	**:**	02
Workload	**:**	02 credit X 15 Hours= 30 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40:10
Nature of Question Paper	**:**	As per university guidelines

Preamble:

Atmosphere is a main component of earth's system. Start from the origin, it comprises various characteristics. The Insolation, temperature, atmospheric pressure, planetary winds are the points to study the atmosphere in detail. The Humidity and Precipitation are the major parts of atmosphere. The precipitation is given in the role of forms and rainfall is elaborated with its types. The concept of climate change has the need to study during the present time. This is also included to get extra knowledge about the repercussions of human development on nature.

General Objectives of the Course:

1. To understand the properties of atmosphere and its components.
2. To study the elements of climate like temperature and air pressure with its distribution.
3. To study the winds and forms of precipitation and detail information of rainfall.
4. To study the monsoon in India and concept of climate change.

Course Outcomes:

By the end of the course, students will be aware with knowledge:

1. of the properties of the atmosphere and its components in detail.
2. about the concepts of temperature and atmospheric pressure.
3. of the forms of precipitation and rainfall.
4. of monsoon and climate change.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	Atmosphere and Temperature	1.1 Basic Concepts: Weather and Climate 1.2 Composition of the Atmosphere 1.3 Structure of the Atmosphere 1.4Insolation: Solar Constant, affecting factors on distribution of Insolation and Global Heat Budget 1.5 Temperature: Factors affecting the distribution of temperature 1.6 Distribution of temperature: Vertical, horizontal and seasonal.	15	01
2	Elements of Atmosphere	2.1 Atmospheric Pressure: Factor Affecting on Distribution of Atmospheric Pressure, Pressure Belts 2.2 Winds: Planetary Winds and its types 2.3 Precipitation: Forms of Precipitation 2.4 Rainfall: Types of Rainfall 2.5 Monsoon Climate in India 2.6 Climate Change: Concept, Causes and Impact	15	01

Suggested Readings

1. Hockey, Thomas, Jennifer Lynn Bartlett, and Daniel C. Boice. *Solar System*. Boca Raton: CRC Press, 2021. http://dx.doi.org/10.1201/9781003197553.
2. Hughes, David W. *Solar system*. New York: Sterling, 2013.
3. *Lunine, Jonathan I. (1999). Earth: evolution of a habitable world. United Kingdom: Cambridge University Press. ISBN 978-0-521-64423-5.*
4. Johnson, D. R., Ruzek, M., and Kalb, M., 1997, What is Earth System Science? Proceedings of the 1997 International Geoscience and Remote Sensing Symposium, Singapore, August 4-8, 1997, pp. 688-691. http://www.usra.edu/esse/essonline/igarss97.html
5. Conserva H. T. 2004: Illustrated Dictionary of Physical Geography, Author House, USA.
6. Critchfield, H.J., 1997: General Climatology, Prentice Hall of India Pvt. Ltd, New Delhi. Dasgupta, A. and Kapoor, A.N., Principles of Physical Geography. Grald, S., General Oceanography.
7. Gabler R.E., Petersen J.F. and Trapasso L.M., 2007: Essentials of Physical Geography (8th edition), Thompson, Brooks/Cole, USA.
8. Garrett N. 2000: Advanced Geography, Oxford University Press.

9. Goudie A., 1984: The nature of the environment an advanced physical geography, Basil Blackwell Publishers, Oxford.
10. Hamblin W.K., 1995: Earth's Dynamic System, Prentice Hall, N J.
11. Husain M., 2002: Fundamentals of Physical Geography, Ravat Publication, Jaipur.
12. Lutgens, F.K. and Tarbuck, E.J., 2007: The Atmosphere, Pearson Prentice Hall, New Jersey.
Pirie, R.G., Oceanography (Contemporary).
13. Monkhouse F.J. 2000: Principals of Physical Geography, Platinum Publishers, Kolkata.
14. Strahler, A.A. and Strahler, A. N., 2002: Physical Geography: Science and Systems of the Human Environment, John Wiley and Sons, INC.
15. Strahler, A.H. and Strahler, A. N., 1992: Modern Physical Geography, John Wiley and Sons, INC.
16. Strahler, A.N., 1965: Introduction to Physical Geography, John Wiley and Sons,
17. Strahler A.N., Strahler A.H. 2008: Modern Physical Geography. John Wiley and Sons, New York.

Shivaji University, Kolhapur

B. Sc.-I

Minor Practical P01: Representation of Geo Data-I (Geography) as per NEP 2020

Name of the Pragramme	**:**	B. Sc. (GEOGRAPHY)
Class	**:**	B. Sc. I
Semester	**:**	I
Name of Vertical Group	**:**	Minor Core (V-2)
Course Code	**:**	
Course Title	**:**	**Practical- I: Representation of Geo Data**
Total Credit	**:**	02
Workload	**:**	02 credit X 30 Hours= 60 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40:10
Nature of Question Paper	**:**	As per university guidelines

Preamble:

Practical work is the most important part of Geography. In present syllabus, the theoretical knowledge in Geomorphology and Climatology has been given for the sake of application of information through practical. The practical part includes the representation of relief features and climatic data. The conceptual information with practical will be part of this practical.

General Objectives of the Course:

1. To study the geomorphological information for representation of relief features.
2. To study the geomorphological information for representation of slopes.
3. To get the basic information of climatic instruments with its principles, structure, function and use.
4. To study the different methods of climatic data presentation.

Course Outcomes:

By the end of the course:

1. The students will be able to represent geomorphological data of relief features.
2. The students will be able to represent geomorphological data of slope.
3. The students will be get information of climatic instruments with its principles, structure, function and use.
4. The students will be able with different methods of climatic data presentation.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	Representation of Relief features	1.1 Methods of Representation of Relief i) Pictorial Method ii) Mathematical Method 1.2 Contour Features 1.3 Determination of Stream order 1.5 Method of Showing Relief by Satellite Images	30	01
2	Representation of Climatic data	2.1 Line and Bar Graph 2.2 Ergograph 2.3 Isopleth: Isotherm, Isobar, and Isohytes 2.4 Weather Instruments: 2.4.1 Thermograph 2.4.2 Rain Gauge 2.4.3 Cup Anemometer	30	01

Suggested Readings

1. Buoygoot, J. (1964): An Introduction to Map work and Practical Geography. University Tutorial, London.
2. Singh, L.R. and Singh, R., (1973): Map work and Practical Geography. Allahabad.
3. http://moef.gov.in/moef/index.html
4. https://www.windy.com/?19.075,72.886,5
5. Khan MD. ZulfequarAhmad : Text Book of Practical Geography, Concept Publishing Company, New Delhi, 1998
6. Mishra, R.P. and Ramesh A. : Fundamentals of Cartography, Concept Publishing Company, New Delhi, 2000
7. Monkhouse F.J. and Wilkison, H.R.: Maps and Diagrams, Mathuen. London, 1971.
8. Negi. , Dr. Balbir Singh : Practical Geography, Kedar Nath Ram Nath, Meerut, Delhi.
9. Raisz, E.: Principals of Cartography, McGraw Hill Book Com., Inc, New York, 1962.
10. Robinson, A.H. and Sale, S.D.: Elements of Cartography, John Witey and Sons, Inc, New York, 1969.
11. Saha, Pijushkanti and Basu Partha : Advanced Practical Geography – A Laboratory Manual Books and Allied (P) Ltd, Kolkata. 2010.
12. Sarkar, Ashis : Practical Geography: A systematic Approach, Orient Longman limited, Calcutta, 1997.

13. Singh, Gopal : Map work and Practical Geography Vikas Publishing House Pvt. Ltd. New Delhi, 1996.
14. Singh, R and Kanaujia, L.R.S.: Map Work and Practical Geography, Central Book Depot, Allahabad.
15. Aher A. B., Chodhari A. P. &Bharambe S. N. Techniques of Spatial Analysis Prashant Publication Jalgaon 2015
16. Maurice Yeats, An Introduction to Quantitative Analysis in Human Geography, McGraw Hill, New York, 1974.
17. P. Saha and P. Basu (2006): Advanced Practical Geography, Books and Allied Publication, Kolkata, India.
18. Khullar, Essentials of Practical Geography, New Academic Publishing Co, India.

Shivaji University, Kolhapur

B. Sc.-I

Minor P03: Fundamentals of Human Geography-III (Geography) as per NEP 2020

Name of the Pragramme	**:**	B. Sc. (GEOGRAPHY)
Class	**:**	B. Sc. I
Semester	**:**	II
Name of Vertical Group	**:**	Minor (V-2)
Course Code	**:**	
Course Title	**:**	**Fundamentals of Human Geography-III**
Total Credit	**:**	02
Workload	**:**	02 credit X 15 Hours= 30 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40:10
Nature of Question Paper	**:**	As per university guidelines

Preamble:

The study of nature is vital. But without the study of the relationship of man with nature it is impossible to complete the study of Geography. Therefore, in the second semester, the concepts of Human Geography have been discussed. The introduction of Human Geography as a discipline and the components and distribution of population are the main parts of the paper. It will be useful for students to get more knowledge about the human races, the distribution of population, theories of population growth and components of population, etc.

General Objectives of the Course:

1. To study the basics of Human Geography as a branch of Geography.
2. To study the concepts of man-environment relationship and the human races with racial groups.
3. To assess factors affecting on distribution of population.
4. To study of the Malthus's theory of population growth and selected components of population.

Course Outcomes:

By the end of the course:

1. The students will be familiar with the basics of Human Geography as a branch of Geography.
2. The students will have the knowledge of man-environment relationship and the human races with racial groups.
3. The students will be simply assessing the factors affecting on distribution of population.
4. The students will be aware with the Malthus's theory of population growth and selected components of population.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	Introduction to Human Geography	1.1 Definition and Nature of Human Geography 1.2 Scope of Human Geography. 1.3 Branches of Human Geography. 1.4 Concepts of man-environment relationship - determinism, possibilism and probabilism 1.5 Importance of Human Geography 1.6 Human Races: Classification of Major Racial Groups	15	01
2	Population	2.1 Factors affecting the distribution of the population 2.2 Population distribution in the world 2.3 Problem of overpopulation in India and remedial measures. 2.4 Malthus's theory of population growth 2.5 Components of population: i) Age composition ii) Sex Ratio	15	01

Suggested Readings

1. Bergwan, Edward E 1995: Human Geography; Culture, Connections and Landscape, Prentice-Hall, New Jersey.
2. Carr, M. 1987: Patterns, Process and change in Human Geography. MacMillan Education, London.
3. Fellman, J. L. 1997: Human Geography—Landscapes of Human Activities. Brown and Benchman Pub., U.S.A.
4. De Blij H. J. 1996: Human Geography, Culture, Society and Space John Wiley, New York.
5. Johnston, R.J. (editor). 1994: Dictionary of Human Geography Blackwell, Oxford.
6. Mc Bride, P. J. 1996: Human Geography Systems, Patterns and Change, Nelson, U.K. and Canada.
7. Michael, Can 1997: New Patterns: Process and Change in Human Geography Nelson,
8. Rubenstein, J.H. and Bacon R.S. 1990: The Cultural Landscape — an Introduction to Human Geography. Prentice Hall, India, New Delhi.
9. Singh, K.N. 1992:People of India, An introduction Seagull Books.
10. Jagdale U. V. & Saptarshi P. G. (2007): Human Geography, Diamond Publication (Marathi)
11. Johnson R. Gregory D, Pratt G. et al. (2008) The Dictionary of Human Geography
12. Chandna, R.C. (2010) Population Geography, Kalyani Publisher.

13. Hassan, M.I. (2005) Population Geography, Rawat Publications, Jaipur
14. Johnston R; Gregory D, Pratt G. et al. (2008) The Dictionary of Human Geography, Blackwell Publication.
15. Jordan-Bychkov et al. (2006) The Human Mosaic: A Thematic Introduction to Cultural Geography. W. H. Freeman and Company, New York.
16. Kaushik, S.D. (2010) Manav Bhugol, Rastogi Publication, Meerut.
17. Maurya, S.D. (2012) Manav Bhugol, Sharda Pustak Bhawan. Allahabad.
18. Hussain, Majid (2012) Manav Bhugol. Rawat Publications, Jaipur
19. BeaujeuGamier : Geography of Population, Longman, Lindon-1978
20. Clarke J.I. : Population Geography, Pergam on Press Oxford – 1972
21. Chandana R.C. : Geography of Population, Kalyani Pub. Ludhayana 1988
22. HaggetPetter : Human Geography
23. Ghosh B.N. : Fundamentals of Population Geography
24. Hussin M. : Human Geography 1994
25. Money D.S. : Human Geography
26. PerpillouA.V. : Human Geography, Longman, London- 1986
27. Robinson H. : Human Geography, 1976
28. Mishra &Puri : Indian Economy 2004
29. India- 2008 : Govt. of India
30. Hassan MohammeadI. : Population Geography, 2005
31. Bhende Asha & Kanitkar Tara :Principlas of Population studies
32. Perillouav : Human Geography, 1986
33. Singh, R.Y. : Geography of Settlement, 1998
34. Singh, Gopal : Mapwork & Practical Geography, 1999
35. Sawant S.B. & Athavale A.S. Population Geography, Mehta publishing house, Pune.

Shivaji University, Kolhapur

B. Sc.-I

Minor P04: Economic and Settlement Geography-IV (Geography) as per NEP 2020

Name of the Pragramme	**:**	B. Sc. (GEOGRAPHY)
Class	**:**	B. Sc. I
Semester	**:**	II
Name of Vertical Group	**:**	Minor (V-2)
Course Code	**:**	
Course Title	**:**	**Economic and Settlement Geography-IV**
Total Credit	**:**	02
Workload	**:**	02 credit X 15 Hours= 30 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40:10
Nature of Question Paper	**:**	As per university guidelines

Preamble:

As time passes, the economic activities also change and also affect the development of the settlement. The overall growth and development of any settlement is based on the nature of economic activities. Therefore, the types of economic activities have been included. The economic growth reflects in the settlements and their citizens. The types of settlements like rural and urban have been given for the overall study of settlements in the world.

General Objectives of the Course:

1. To study the economic activities and their importance.
2. To study the theories related to the agricultural land use and location of industries.
3. To study the information of settlements in relation to types and patterns.
4. To study the settlement problems and its measures.

Course Outcomes:

By the end of the course:

1. The students will be get knowledge of economic activities and their importance.
2. The students will be familiar with the theories related to the agricultural land use and location of industries.
3. The students will have detail information of settlements in relation to types and patterns.
4. The students will be aware with the settlement problems and its measures.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	Economic Activities	1.1 Early Economic activities of mankind 1.2 Primary Activity: Classification and Importance 1.3 Secondary Activity: Classification and Importance 1.4 Tertiary, Quaternary and Quinary Activities: Classification and Importance 1.5Von Thunen's Theory of Land Use 1.6 Weber's Theory of Industrial Location	15	01
2	Settlements	2.1 Types and Patterns of Settlement 2.2 Factors affecting the distribution of settlement 2.3 Function of Rural Settlement 2.4 Concept of Urbanization 2.5 Function of Urban Settlement 2.6 Urban problems and measures	15	01

Suggested Readings

1. Alexander J. W., (1963): Economic Geography, Prentic Hall Inc Englewood Cliffs, New Jersey.
2. Boesch H. (1964) : A Geography of world Econimy" D. Van Nostrand co. New york.
3. Coe N. M., and others, (2007): Economic Geography: A Contemporary Introduction, WileyBlackwell.
4. Combes P., Mayer T. and Thisse J. F., (2008) Economic Geography: The Intergration of Regions and Nations, Princeton University Press.
5. Goh Chang & morgan, G.C. (1997): Human and Economic Geography, oxford University Press.
6. H. Robinson (1978): Economic Geography, Macdonaid& Evans.
7. Hamilton, I (1992) : Resources and Jndurtry, Oxford University Press New York.
8. Hartshorn, T.N. and Alexander, J.W. (1994): Economic Geography, prentice Hall, New Delhi.
9. Hodder B. W. and Lee Roger, (1974): Economic Geography, Taylor and Francies.
10. Meyer, B. S., Aanderson, D. B. and Bohning, R. H. (1960): An Introduction to Plant Physiology, Von Nostrand Company, New York.
11. Roborstson D (2001) : Globalization and Environment E. elgar CO.U.K.

12. Sadhukhan S. K., (1990): Economic Geography An Appraisal of Resources, S. Chand and Company Ltd., New Delhi.
13. Truman A. Hartshorn and John W. Alexander, (1988): Economic Geography, PHI Learning Private Limited, New Delhi.
14. Walker, D. F., Collins, L. (Eds.), (1975): Locational Dynamics of Manufacturing Activity, John Wiley and Sons, New York.
15. Wheeler J. O., (1995) : Economic Geography John wiely, New York.
16. White H.P. and senior M.L. (1983) Transport Geography, Longman, London.
17. Willington D. E., (2008): Economic Geography, Husband Press.
18. Zimmermann, E. W., (1933): World's Resources and Industries, Harper and Row, New York.
19. Bergwan, Edward E 1995: Human Geography; Culture, Connections and Landscape, Prentice-Hall, New Jersey.
20. Carr, M. 1987: Patterns, Process and change in Human Geography. MacMillan Education, London.
21. Fellman, J. L. 1997: Human Geography—Landscapes of Human Activities. Brown and Benchman Pub., U.S.A.
22. De Blij H. J. 1996: Human Geography, Culture, Society and Space John Wiley, New York.
23. Johnston, R.J. (editor). 1994: Dictionary of Human Geography Blackwell, Oxford.
24. Mc Bride, P. J. 1996: Human Geography Systems, Patterns and Change, Nelson, U.K. and Canada.
25. Michael, Can 1997: New Patterns: Process and Change in Human Geography Nelson,
26. Rubenstein, J.H. and Bacon R.S. 1990: The Cultural Landscape — an Introduction to Human Geography. Prentice Hall, India, New Delhi.
27. Singh, K.N. 1992:People of India, An introduction Seagull Books.
28. Jagdale U. V. & Saptarshi P. G. (2007): Human Geography, Diamond Publication (Marathi)
29. Johnson R. Gregory D, Pratt G. et al. (2008) The Dictionary of Human Geography

Shivaji University, Kolhapur

B. Sc.-I

Minor Practical P02: Representation of Geo Data-II (Geography) as per NEP 2020

Name of the Pragramme	**:**	B. Sc. (GEOGRAPHY)
Class	**:**	B. Sc. I
Semester	**:**	II
Name of Vertical Group	**:**	Minor Core (V-2)
Course Code	**:**	
Course Title	**:**	**Practical- II: Representation of Geo Data-II**
Total Credit	**:**	02
Workload	**:**	02 credit X 30 Hours= 60 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	50
Nature of Question Paper	**:**	As per university guidelines

Preamble:

Practical work is the most important part of Geography. In present syllabus, the theoretical knowledge in Economic and settlement Geography has been given for the sake of application of information through practical. The course syllabus includes two and three dimensional as well as quantitative techniques for economic and settlement data to present real world.

General Objectives of the Course:

1. To study the pictorial maps.
2. To provide practical knowledge regarding real presentation of spatial unit of earth surface.
3. To study the quantitative techniques related to settlements.
4. To prepare students with contemporary modern tools and techniques for different basic conditions of settlements.

Course Outcomes:

By the end of the course:

1. The students will know the concept of pictorial maps and its practical applications.
2. The students will be getting practical knowledge regarding real presentation of spatial unit of earth surface.
3. The students will be applying their knowledge of the quantitative techniques related to settlements.
4. The students will be prepared with contemporary modern tool and techniques (Google Earth) for different basic conditions of settlements.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	Representation of Statistical data	1.1 Divided Circle 1.2 Proportional Circle 1.3 Proportional Square 1.4 Proportional Sphere 1.5 Choropleth Map and Dot Map	30	01
2	Representation of Settlement data	2.1 Determination of Central places 2.2 Nearest Neighbour Analysis 2.3 Road Density 2.4 Buffer Analysis 2.5 Determination of site, situation and pattern of settlement using Google Earth	30	01

Suggested Readings

19. Buoygoot, J. (1964): An Introduction to Map work and Practical Geography. University Tutorial, London.
20. Singh, L.R. and Singh, R., (1973): Map work and Practical Geography. Allahabad.
21. http://moef.gov.in/moef/index.html
22. https://www.windy.com/?19.075,72.886,5
23. Khan MD. ZulfequarAhmad : Text Book of Practical Geography, Concept Publishing Company, New Delhi, 1998
24. Mishra, R.P. and Ramesh A. : Fundamentals of Cartography, Concept Publishing Company, New Delhi, 2000
25. Monkhouse F.J. and Wilkison, H.R.: Maps and Diagrams, Mathuen. London, 1971.
26. Negi. , Dr. Balbir Singh : Practical Geography, Kedar Nath Ram Nath, Meerut, Delhi.
27. Raisz, E.: Principals of Cartography, McGraw Hill Book Com., Inc, New York, 1962.
28. Robinson, A.H. and Sale, S.D.: Elements of Cartography, John Witey and Sons, Inc, New York, 1969.
29. Saha, Pijushkanti and Basu Partha : Advanced Practical Geography – A Laboratory Manual Books and Allied (P) Ltd, Kolkata. 2010.
30. Sarkar, Ashis : Practical Geography: A systematic Approach, Orient Longman limited, Calcutta, 1997.

Singh, Gopal : Map work and Practical Geography Vikas Publishing

Shivaji University, Kolhapur

B. Sc. I

Open Elective (OE): Fundamentals of Earth Science-I (Geography) as per NEP 2020

Name of the Programme	**:**	B.Sc. (GEOGRAPHY)
Class	**:**	B.Sc.-I
Semester	**:**	I
Name of Vertical Group	**:**	Open Elective (V-3)
Course Code	**:**	
Course Title	**:**	**Fundamentals of Earth Science-I**
Total Credit	**:**	02
Workload	**:**	02 Credit X 15 Hours = 30 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40:10
Nature of Question Paper	**:**	As per university guidelines

Preamble:

To unravel the secrets of Earth's formation, its shells and related theories the present syllabus has been introduced. Discover how Earth's landscapes change with forces like endogenetic and tectonic activity. It includes the river erosion theories and landforms. This course combines theory with real-world applications, helping you understand and appreciate how our planet's surface transforms over time. Get ready for a hands-on journey into the secrets of Earth's ever-evolving scenery!

General Objectives of the Course:

1. Gain in-depth knowledge of the solar system, Earth's origin, and fundamental geomorphological laws for a comprehensive grasp of geological evolution.

2. Explore the earth's movements and predict geological phenomena.

3. Get information about the erosional activities and their effects on river channel with types of landscapes.

Course Outcomes:

By the end of the course, students would be able to:

1. Students will possess a comprehensive understanding of the solar system, Earth's origin, and fundamental geomorphological laws.

2. They will demonstrate proficiency in analyzing rocks weathering, interpreting endo/exogenetic Earth movements, and

3. The students will be able to analyse the actual landforms of the river.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	Introduction to the Earth and Crust	1.1 Solar system 1.2 Origin of the Earth 1.3 Components of Earth systems 1.4 Interior of the Earth 1.5 Wegener's Theory of Continental Drift 1.6 Theory of Plate tectonics	15	01
2	The Earth's processes	2.1 Earth's processes: Endogenetic and exogenetic 2.2 Endogenetic forces: Slow and Sudden 2.3 Concept of Denudation 2.4 Weathering: Concept, Types of Weathering: Mechanical, chemical and Biotic Weathering 2.5 Fluvial Cycle of Erosion: W. M. Davis 2.6 Fluvial Landforms: Erosional and Depositional	15	01

Suggested Readings

1. Hockey, Thomas, Jennifer Lynn Bartlett, and Daniel C. Boice. Solar System. Boca Raton: CRC Press, 2021. http://dx.doi.org/10.1201/9781003197553.

2. Hughes, David W. Solar system. New York: Sterling, 2013.

3. Lunine, Jonathan I. (1999). Earth: evolution of a habitable world. United Kingdom: Cambridge University Press. ISBN 978-0-521-64423-5.

4. Johnson, D. R., Ruzek, M., and Kalb, M., 1997, What is Earth System Science? Proceedings of the 1997 International Geoscience and Remote Sensing Symposium, Singapore, August 4-8, 1997, pp. 688-691. http://www.usra.edu/esse/essonline/igarss97.html

5. Conserva H. T. 2004: Illustrated Dictionary of Physical Geography, Author House, USA.

6. Christopherson, R.W. 2000, Geo-systems, Prentice Hall, INC. USA. Hamblin, W.K., 1989: The Earth's Dynamic Systems, Macmillan Publishing Company, New York.

7. Gabler, R. E., Peterson, J. F. and Trapasso, L. M., 2007: Essentials of Physical Geography (8th Edition), Thomson, Brooks/ Cole, USA.

8. Garrette, N., 2000: Advance Geography, Oxford University Press.

9. Goudie, A., 1984: The Nature of Environment: An Advanced Physical Geography, Basil Blackwell Publishers, Oxford.

10. Husain, M., 2001: Fundamentals of Physical Geography, Rawat Publication, Jaipur.

11. Kale, V. S. and Gupta, A.,2001: Introduction to Geomorphology, Orient Longman, Calcutta.

12. Monkhouse, F. J., 1996: Principles of Physical Geography, Hodder and Stoughton, London.

13. Robinson, H., 1969: Morphology and Landscape, University Tutorial Press Ltd, London.

14. Siddhartha, K., 2001: The Earth's Dynamic Surface, Kisalaya Publications Pvt. Ltd, New Delhi.

15. Strahler, A.A. and Strahler, A. N., 2002: Physical Geography: Science and Systems of the Human Environment, John Wiley & Sons, New York.

Shivaji University, Kolhapur

B. Sc. I

Open Elective (OE): Fundamentals of Earth Science-II (Geography) as per NEP 2020

Name of the Programme	**:**	B.Sc. (GEOGRAPHY)
Class	**:**	B.Sc.-I
Semester	**:**	I
Name of Vertical Group	**:**	Open Elective (V-3)
Course Code	**:**	
Course Title	**:**	**Fundamentals of Earth Science-II**
Total Credit	**:**	02
Workload	**:**	02 Credit X 15 Hours = 30 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40:10
Nature of Question Paper	**:**	As per university guidelines

Preamble:

Making aware of the basics of atmospheric components is the first part of the content of syllabus. Under the study of atmosphere, the conceptual background of Insolation, Temperature, Atmospheric pressure, and winds are the sub-components. The application of Geomorphological and climatological components will be helpful to apply theoretical in the practical.

General Objectives of the Course:

1. To get knowledge about the atmospheric fundamental concepts and their properties.
2. Getting aware of the issue of climate change and its effects on society overall.
3. To apply the geomorphological and climatological theoretical contents with the help of practical exercises.

Course Outcomes:

By the end of the course, students would be able to:

1. Students will get complete information on atmospheric and fundamental climatological laws.
2. They will become aware about the climate change and will be responsible in their life regarding the nature, and
3. The students will be able to apply the theoretical knowledge in their daily life.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	The Atmosphere	1.1 Composition and Structure of Atmosphere 1.2 Insolation: Insolation: Definition, solar constant, factors affecting on distribution of Insolation, Distribution of Insolation and Heat Balance of the Earth. 1.3 Temperature: Controlling Factors of Temperature, Distribution of Temperature: Vertical and Horizontal. 1.4 Atmospheric Pressure: Definition, Affecting Factors and Distribution of air pressure: Vertical and Horizontal. 1.5 Winds: Planetary Winds, Indian Monsoon 1.6 Climate Change: Concept, Natural and Human Causes of Climate Change	15	01
2	Representation of Data (Practical)	2.1 Slope and Gradient 2.1.1 Types of Slope: Gentle, Steep, Even, Uneven, Convex, Concave, Terraced. 2.1.2 Expression of Slopes: Gradient, Degree, Percent and Mills 2.2 Profiles: i) Superimposed Profile ii) Longitudinal Profile 2.3 Representation of Climatic data: Climograph and Windrose 2.4 Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression 2.5 Interpretation of Indian Daily Weather Maps Marginal Information, Pressure, Winds, Clouds, Rainfall, Other conditions, Sea Condition, Temperature departure from normal.	15	01

Suggested Readings

1. Conserva H.T., 2004: Illustrated dictionary of Physical Geography, Author House, USA.

2.Critchfield, H.J., 1997: General Climatology, Prentice Hall of India Pvt. Ltd, New Delhi. Dasgupta, A. and Kapoor, A.N., Principles of Physical Geography. Grald, S., General Oceanography.

3.Gabler R.E., Petersen J.F. and Trapasso L.M., 2007: Essentials of Physical Geography (8th edition), Thompson, Brooks/Cole, USA.

4.Garrett N. 2000: Advanced Geography, Oxford University Press.

5.Goudie A., 1984: The nature of the environment an advanced physical geography, Basil Blackwell Publishers, Oxford.

6.Hamblin W.K., 1995: Earth's Dynamic System, Prentice Hall, N J.

7.Husain M., 2002: Fundamentals of Physical Geography, Ravat Publication, Jaipur.

8.Lutgens, F.K. and Tarbuck, E.J., 2007: The Atmosphere, Pearson Prentice Hall, New Jersey. Pirie, R.G., Oceanography (Contemporary).

9.Monkhouse F.J. 200: Principals of Physical Geography, Platinum Publishers, Kolkata.

10.Strahler, A.A. and Strahler, A. N., 2002: Physical Geography: Science and Systems of the Human Environment, John Wiley and Sons, INC.

11.Strahler, A.H. and Strahler, A. N., 1992: Modern Physical Geography, John Wiley and Sons, INC.

12.Strahler, A.N., 1965: Introduction to Physical Geography, John Wiley and Sons,

13.Strahler A.N., Strahler A.H. 2008: Modern Physical Geography. John Wiley and Sons, New York.

14.Buoygoot, J. (1964): An Introduction to Map work and Practical Geography. University Tutorial, London.

15.Singh, L.R. and Singh, R., (1973): Map work and Practical Geography. Allahabad.

16.http://moef.gov.in/moef/index.html

17.https://www.windy.com/?19.075,72.886,5

Shivaji University, Kolhapur

B. Sc. I

Open Elective (OE): Principles of Human Geography-III (Geography) as per NEP 2020

Name of the Programme	**:**	B.Sc. (GEOGRAPHY)
Class	**:**	B.Sc.-I
Semester	**:**	II
Name of Vertical Group	**:**	Open Elective (V-3)
Course Code	**:**	
Course Title	**:**	**Principles of Human Geography-III**
Total Credit	**:**	02
Workload	**:**	02 Credit X 15 Hours = 30 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40:10
Nature of Question Paper	**:**	As per university guidelines

Preamble:

Geography is incomplete without the study of Human Geography. The present syllabus for the second semester is based on the fundamental of the discipline. It is followed by Human Races and the tribal/ nomadic human life examples. In this content the population has also discussed in respect of the growth and distribution in India and the world.

General Objectives of the Course:

1. To get knowledge fundamentals of Human Geography.

2. To know about the major human races and tribal human life.

3. To evaluate the differences of population distribution in the world.

Course Outcomes:

By the end of the course, students would be able to:

1. Get the knowledge of fundamentals of Human Geography as a branch of Geography.

2. Know the major human races and tribal groups in the world, and

3. Evaluate the regional differences of population distribution in the world and India.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	Fundamentals of Human Geography	1.1 Definition, Nature and Scope of Human Geography 1.2 Branches of Human Geography 1.3 Importance of Human Geography 1.4 Human Races: Classification and World Racial Groups 1.5 Human Life: ESKIMO (Cold) and PYGMY (Hot) (Location, Geographical environment, Physical traits, Food & clothing and Economic activity)	15	01
2	Population	2.1 Population Growth: Concept of Population Growth 2.2 Factors Affecting on the Distribution of Population 2.3 Distribution of the World Population 2.4 Population Growth Theories: Malthusian Theory and Notestein's Theory of Demographic Transition 2.5 Population Growth and Demographic Transition in India	15	01

Suggested Readings

1. 1. Bergwan,EdwardE1995:HumanGeography;Culture,ConnectionsandLandscape,Prentice-Hall,NewJersey.
2. Carr,M.1987:Patterns,ProcessandchangeinHumanGeography.MacMillanEducation,London.
3. Fellman,J.L. 1997:HumanGeography—Landscapesof HumanActivities. Brown andBenchmanPub.,U.S.A.
4. DeBlijH.J.1996:HumanGeography,Culture,SocietyandSpaceJohnWiley,NewYork.
5. Johnston,R.J.(editor).1994:DictionaryofHumanGeographyBlackwell,Oxford.
6. McBride,P.J.1996:HumanGeographySystems,PatternsandChange,Nelson,U.K.andCanada.
7. Michael,Can1997:NewPatterns:ProcessandChangeinHumanGeographyNelson,
8. Rubenstein,J.H.andBaconR.S.1990:TheCulturalLandscape—anIntroductiontoHumanGeography.PrenticeHall,India,NewDelhi.
9. Singh,K.N.1992:Peopleof India,AnintroductionSeagullBooks.

10. SpateO.H.K.and Learmonth A.T.A.1968: IndiaandPakistanMethuen, London.
11. U.V.Jagdale&P.G.Saptarshi(2007): HumanGeography, DiamondPublication(Marathi)
12. JohnsonR.GregoryD,PrattG.etal.(2008)TheDictionaryofHumanGeography
13. Chandna, R.C.(2010) PopulationGeography,KalyaniPublisher.
14. Hassan, M.I.(2005)Population Geography,RawatPublications,Jaipur
15. JohnstonR;GregoryD,PrattG.etal.(2008)TheDictionaryofHumanGeogr aphy,Blackwell Publication.
16. Jordan-Bychkovetal.(2006)TheHumanMosaic:AThematicIntroduction to Cultural Geography. W. H. Freeman and Company, NewYork.
17. Kaushik,S.D.(2010)Manav Bhugol,Rastogi Publication,Meerut.
18. Maurya, S.D.(2012)Manav Bhugol, ShardaPustakBhawan.Allahabad.
19. Hussain,Majid (2012)ManavBhugol.RawatPublications,Jaipur
20. BeaujeuGamier:GeographyofPopulation,Longman,Lindon-1978
21. ClarkeJ.I. :PopulationGeography,Pergam onPressOxford–1972
22. ChandanaR.C. :GeographyofPopulation,KalyaniPub.Ludhayana1988
23. HaggetPetter:HumanGeography
24. GhoshB.N.:FundamentalsofPopulationGeography
25. Hussin M. :HumanGeography1994
26. Money D.S.:HumanGeography
27. PerpillouA.V.:Human Geography,Longman,London-1986
28. RobinsonH.:Human Geography,1976
29. Mishra&Puri: IndianEconomy2004
30. India-2008:Govt.ofIndia
31. HassanMohammead I.:PopulationGeography,2005
32. BhendeAsha&Kanitkar Tara: PrinciplasofPopulationstudies
33. Perillouav:HumanGeography,1986
34. Singh,R.Y.:GeographyofSettlement,1998
35. Singh, Gopal:Mapwork&PracticalGeography,1999
36. SawantS.B.&AthavaleA.S.PopulationGeography,Mehtapublishinghouse,Pune.

Shivaji University, Kolhapur

B. Sc. I

Open Elective (OE): Principles of Human Geography-IV (Geography) as per NEP 2020

Name of the Programme	**:**	B.Sc. (GEOGRAPHY)
Class	**:**	B.Sc.-I
Semester	**:**	II
Name of Vertical Group	**:**	Open Elective (V-3)
Course Code	**:**	
Course Title	**:**	**Principles of Human Geography-IV**
Total Credit	**:**	02
Workload	**:**	02 Credit X 15 Hours = 30 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	40:10
Nature of Question Paper	**:**	As per university guidelines

Preamble:

The basics of Human Geography and the distribution of population were the part of the previous paper. In this paper, components of the population have been discussed. The main components are age composition, sex ratio, migration-related concepts and the Population policy of India. The second part of this paper is designed for the application of the theoretical knowledge to the exercises.

General Objectives of the Course:

1. To know the conceptual part of components of the population.

2. To get information on historical and present migration activity in the world.

3. To apply the theoretical knowledge of components of the population into the practical exercises.

Course Outcomes:

By the end of the course, students would be able to:

1. Know the conceptual part related to the components of the population.

2. Get acquainted with the overall concept of migration with maximum examples in recent periods, and

3. Learn the various concepts of population components in real time.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	Components of Population	1.1 Age Composition: Factors Affecting on Age Composition and Age Composition in India. 1.2 Sex Ratio: Factors Affecting on Sex Composition and Sex Composition in India. 1.3 Migration: Concept, types, causes and consequences 1.4 Elements of Socio-economic status (Census of India). 1.5 Population Policies of India and Population Projections	15	01
2	Representation of Population Data (Practical)	2.1 Quantitative techniques for population data analysis: 2.1.1 Population density 2.1.2 Population Growth 2.1.3 Sex Ratio 2.1.4 Birth rate 2.1.5 Death Rate 2.1.6 Literacy Rate 2.2 Representation of Population data: 2.2.1 Dot Map 2.2.2 Choropleth Map 2.3 Population Pyramids 2.3.1 Compound Pyramid 2.3.2 Superimposed Pyramid	15	01

Suggested Readings

1. 1. Bergwan,EdwardE1995:HumanGeography;Culture,ConnectionsandLandscape,Prentice-Hall,NewJersey.
2. Carr,M.1987:Patterns,ProcessandchangeinHumanGeography.MacMillanEducation,London.
3. Fellman,J.L. 1997:HumanGeography—Landscapesof HumanActivities. Brown andBenchmanPub.,U.S.A.
4. DeBlijH.J.1996:HumanGeography,Culture,SocietyandSpaceJohnWiley,NewYork.
5. Johnston,R.J.(editor).1994:DictionaryofHumanGeographyBlackwell,Oxford.
6. McBride,P.J.1996:HumanGeographySystems,PatternsandChange,Nelson,U.K.andCanada.
7. Robinson, A.H. and Shale, R. D. (1969): Elements of Cartography. John Wiley and Sons, Inc,New York.

8. Singh, L.R. and Singh, R., (1973): Map work and Practical Geography. Allahabad.
9. U.V.Jagdale&P.G.Saptarshi(2007): HumanGeography, DiamondPublication(Marathi)
10. JohnsonR.GregoryD,PrattG.etal.(2008)TheDictionaryofHumanGeography
11. Chandna, R.C.(2010) PopulationGeography,KalyaniPublisher.
12. Hassan, M.I.(2005)Population Geography,RawatPublications,Jaipur
13. JohnstonR;GregoryD,PrattG.etal.(2008)TheDictionaryofHumanGeography,Blackwell Publication.
14. Jordan-Bychkovetal.(2006)TheHumanMosaic:AThematicIntroduction to Cultural Geography. W. H. Freeman and Company, NewYork.
15. Kaushik,S.D.(2010)Manav Bhugol,Rastogi Publication,Meerut.
16. Maurya, S.D.(2012)Manav Bhugol, ShardaPustakBhawan.Allahabad.
17. Hussain,Majid (2012)ManavBhugol.RawatPublications,Jaipur
18. BeaujeuGamier:GeographyofPopulation,Longman,Lindon-1978
19. ClarkeJ.I. :PopulationGeography,Pergam onPressOxford–1972
20. ChandanaR.C. :GeographyofPopulation,KalyaniPub.Ludhayana1988
21. HaggetPetter:HumanGeography
22. GhoshB.N.:FundamentalsofPopulationGeography
23. Hussin M. :HumanGeography1994
24. Money D.S.:HumanGeography
25. PerpillouA.V.:Human Geography,Longman,London-1986
26. RobinsonH.:Human Geography,1976
27. Mishra&Puri : IndianEconomy2004
28. India-2008:Govt.ofIndia
29. HassanMohammeadI.:PopulationGeography,2005
30. BhendeAsha&KanitkarTara:PrinciplasofPopulationstudies
31. Perillouav:HumanGeography,1986
32. Singh,R.Y.:GeographyofSettlement,1998
33. Singh, Gopal:Mapwork&PracticalGeography,1999
34. SawantS.B.&AthavaleA.S.PopulationGeography,Mehtapublishinghouse,Pune.

Shivaji University, Kolhapur

B. Sc. I

Skill Enhancement Course (SEC) P01: Introduction to Geospatial Science- I

(Geography) as per NEP 2020

Name of the Programme	**:**	B.Sc. (GEOGRAPHY)
Class	**:**	B.Sc.-I
Semester	**:**	I
Name of Vertical Group	**:**	Skill Enhancement Courses (SEC) (V-4)
Course Code	**:**	
Course Title	**:**	**Introduction to Geospatial Science- I**
Total Credit	**:**	02
Workload	**:**	02 Credit X 15 Hours = 30 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	End of semester
Nature of Question Paper	**:**	As per university guildelines

Preamble:

The present Skill Enhancement Course is based on Geospatial Science and its conceptual part as a theory and its application in the practical. Geospatial Science is based on the introduction of new spatial technologies in the field of Geography. This course includes Fundamentals of Remote Sensing technology and Google Earth (Software) and Bhuvan (Web-Portal) with respect of their conceptual framework. This course will useful for students to acquire recent technical knowledge required for the employability.

General Objectives of the Course:

1. To get information of fundamentals of Remote Sensing.
2. To study the Google Earth software and its utilities in Geospatial technologies.
3. To study the Indian Geo-Platform Bhuvan Web-Portal with all functionalities.

Course Outcomes:

By the end of the course, students would be able to:

1. Get the information of basics of Remote Sensing for further knowledge building.
2. Handle Google Earth software in the field of Geospatial technologies, and
3. Know all features and functionalities of Bhuvan and use it for Research work for society.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	Fundamentals of Remote Sensing	1.1 Concept and Elements of Remote Sensing 1.2 Types of Sensors and Platforms. 1.3 Types of Aerial photographs and Satellite imagery 1.4 Elements of Image Interpretation 1.5 Application of Remote Sensing in Geography	15	01
2	Google Earth and Bhuvan	2.1 Google Earth: 2.1.1 Concept of Google Earth 2.1.2 Introduction to Google Earth Menu 2.1.3 Identification of places 2.1.4 Historical images 2.1.5 Space explorer 2.2 Indian Geo-Platform: Bhuvan 2.2.1 Introduction to Bhuvan Portal 2.2.2 Visualization and Free download 2.2.3 Application sectors 2.2.4 Map and OGC Services	15	01

Suggested Readings

1. Curran, P. (1989): Principles of Remote Sensing, Longman, London.
2. Lo C. P. and Young A. K. W., (2011): Concepts and Techniques of Geographic Information Systems, PHI Learning Private Lim., New Delhi – 110001.
3. Dickinson, G.C., (1979): Maps and Air Photographs, Arnold Publisher, New Delhi.
4. Lillesand T.M. R.W. Kiefer (2015): Remote Sensing and Image Interpretation John Wiley & Sons, Inc., New York.
5. Jensen John R. (2009): Remote Sensing of the Environment: An Earth Resource Perspective, Pearson Education, Inc.
6. Cambell James B. Taylor & Francis (2022): Introduction to Remote Sensing, Gulford Press, New York.
7. Jensen John R.(1986): Introductory Digital Image Processing: A Remote Sensing Perspective, Prentice Hall, New Jersey.
8. Bhuvan Geo-Portal: https://bhuvan.nrsc.gov.in

Shivaji University, Kolhapur

B. Sc. I

Skill Enhancement Course (SEC): Practical Introduction to Geoinformatics- I (Geography) as per NEP 2020

Name of the Programme	**:**	B.Sc. (GEOGRAPHY)
Class	**:**	B.Sc.-I
Semester	**:**	I
Name of Vertical Group	**:**	Skill Enhancement Courses (SEC) (V-4)
Course Code	**:**	
Course Title	**:**	**Practical - Introduction to Geoinformatics- I**
Total Credit	**:**	02
Workload	**:**	02 Credit X 30 Hours = 60 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	End of the semester
Nature of Question Paper	**:**	As per university guidelines

Preamble:

The application of the theoretical part of Remote Sensing and Google Earth (Software) and Bhuvan Geo-Portal will be understood with the help of practical exercises. Remote Sensing includes the content of Photo scale, interpretation of satellite imageries and aerial photographs. The second exercise includes the actual surfing and study of the functions of the Bhuvan Geo-portal and the analysis on Google Earth. This will be beneficial for further critical studies and research work in Geospatial technology.

General Objectives of the Course:

1. To analyse the aerial photo, satellite imageries and calculation in Remote Sensing.

2. To expertise the Google Earth software and Bhuvan Geo-Portal.

Course Outcomes:

By the end of the course, students would be able to:

1. Analyse the Aerial Photographs and Satellite imageries and use it for applied research.
2. Beneficial for the Further analysis with Google Earth and Bhuvan Geo-portal for downloading and process the geospatial data in research.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	Application of Remote Sensing	1.1 Determination of Photo Scale 1.2 Interpretation: 1.2.1 Satellite Imagery 1.2.2 Aerial Photographs 1.3 Calculation of Nadir Points	30	01
2	Exercise with Google Earth and Bhuvan	2.1 Area calculation 2.2 Overview to Bhuvan portal: 2D and 3D 2.3 Download of spatial data: Raster and Vector 2.4 Thematic applications: LULC, Carto-Sat imagery	30	01

Suggested Readings

1. Curran, P. (1989): Principles of Remote Sensing, Longman, London.
2. Lo C. P. and Young A. K. W., (2011): Concepts and Techniques of Geographic Information Systems, PHI Learning Private Lim., New Delhi – 110001.
3. Dickinson, G.C., (1979): Maps and Air Photographs, Arnold Publisher, New Delhi.
4. Lillesand T.M. R.W. Kiefer (2015): Remote Sensing and Image Interpretation John Wiley & Sons, Inc., New York.
5. Jensen John R. (2009): Remote Sensing of the Environment: An Earth Resource Perspective, Pearson Education, Inc.
6. Cambell James B. Taylor & Francis (2022): Introduction to Remote Sensing, Gulford Press, New York.
7. Jensen John R.(1986): Introductory Digital Image Processing: A Remote Sensing Perspective, Prentice Hall, New Jersey.
8. Bhuvan Geo-Portal: https://bhuvan.nrsc.gov.in

Shivahi University, Kolhapur

B. Sc. I

Skill Enhancement Course (SEC): Introduction to Geospatial Science- II

(Geography) as per NEP 2020

Name of the Programme	**:**	B.Sc. (GEOGRAPHY)
Class	**:**	B.Sc.-I
Semester	**:**	II
Name of Vertical Group	**:**	Skill Enhancement Courses (SEC) (V-4)
Course Code	**:**	
Course Title	**:**	**Introduction to Geospatial Science- II**
Total Credit	**:**	02
Workload	**:**	02 Credit X 15 Hours = 30 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	End of the semester
Nature of Question Paper	**:**	As per university guidelines

Preamble:

The present course content in Semester II is based on Geographical Information System (GIS) and Global Navigational Satellite System (GNSS). This content is divided in to the conceptual part and its applicability in the society. This course will useful for students to acquire recent technical knowledge required for the employability.

General Objectives of the Course:

1. To get basic information of Geographical Information System.

2. To study the fundamentals of Global Navigational Satellite System.

Course Outcomes:

By the end of the course, students would be able to:

1. Informed about the every fundamental concept in GIS.

2. Know all features and functionalities of GNSS.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	Fundamentals of GIS (Geographical Information System)	1.1 Definition and Concept of GIS 1.2 Components of GIS 1.3 Types of Data and data structure. 1.4 Approaches of Study to GIS 1.5 Application of GIS in Geography	15	01
2	Fundamentals of GNSS	2.1 Concept of GNSS 2.2 Segments of GNSS 2.3 Errors in GNSS 2.4 DGPS 2.5 Application of GNSS in Geography	15	01

Suggested Readings

1. Jensen John R.(1986): Introductory Digital Image Processing: A Remote Sensing Perspective, Prentice Hall, New Jersey.
2. P.A. Burrough (1986): Principles of Geographical Information System for Land Resource Assessment, Oxford University Press.
3. Longley P.A., Goodchild M.F., Manguire D.J., Rhino D. W. (2015): Geographical Information System, John Wiley & Sons.
4. George B Korte (1994): The GIS Book, Onword Press, Thomson Learning, Inc.
5. Mesev, Victor (): Integration of GIS and remote sensing, John Wiley & Sons.
6. Buoygoot, J. (1964): An Introduction to Map work and Practical Geography. University Tutorial, London.
7. Lillesand T.M. R.W. Kiefer (2015): Remote Sensing and Image Interpretation John Wiley & Sons, Inc., New York.
8. Jensen John R. (2009): Remote Sensing of the Environment: An Earth Resource Perspective, Pearson Education, Inc.
9. Cambell James B. Taylor & Francis (2022): Introduction to Remote Sensing, Gulford Press, New York.

Shivahi University, Kolhapur

B. Sc. I

Skill Enhancement Course (SEC): Practical- Introduction to Geoinformatics - II

(Geography) as per NEP 2020

Name of the Programme	**:**	B.Sc. (GEOGRAPHY)
Class	**:**	B.Sc.-I
Semester	**:**	II
Name of Vertical Group	**:**	Skill Enhancement Courses (SEC) (V-4)
Course Code	**:**	BSU0325SECP422G01
Course Title	**:**	**Practical-Introduction to Geoinformatics- II**
Total Credit	**:**	02
Workload	**:**	02 Credit X 30 Hours = 60 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	
Nature of Question Paper	**:**	

Preamble:

The application of the theoretical part of the Geographical Information System and Global Navigational Satellite System will be understood with the help of practical exercises. The GIS includes preparatory functions like Georeferencing process, Vector data analysis, Linkage of Attribute data, and spatial analysis. The second exercise includes digital image processing which includes layer stacking, Georeferencing of Raster data, functions like cli, mosaic and buffer analysis and preparation of LULC for the utilization of society. This will be beneficial for further critical studies and research work in Geospatial technology.

General Objectives of the Course:

1. To get information of the GIS database and vector analysis.

2. To study digital image processing with special reference to Raster data.

Course Outcomes:

By the end of the course, students would be able to:

1. Do the critical practical exercises for the sake of wellbeing of society.

2. Do the analysis for GIS areas in respect of problems in the society.

Content of Modules				
Module No.	**Module Name**	**Sub-module**	**No. of hours**	**Credit**
1	GIS Database and analysis	1.1 Georeferencing of spatial data (Vector data) 1.2 Creation of Geodatabase (Point, Line and Polygon) 1.3 Linkages of Attribute data 1.4 Spatial Analysis	30	01
2	Digital Image Processing	2.1 Layer stacking and image correction methods 2.2 Georeferencing of spatial data (Raster Data) 2.3 Clip and Mosaic, Buffer analysis 2.4 Preparation of LULC: Semi, Automatic and Supervised	30	01

Suggested Readings

1. Jensen John R.(1986): Introductory Digital Image Processing: A Remote Sensing Perspective, Prentice Hall, New Jersey.
2. P.A. Burrough (1986): Principles of Geographical Information System for Land Resource Assessment, Oxford University Press.
3. Longley P.A., Goodchild M.F., Manguire D.J., Rhino D. W. (2015): Geographical Information System, John Wiley & Sons.
4. George B Korte (1994): The GIS Book, Onword Press, Thomson Learning, Inc.
5. Mesev, Victor (?): Integration of GIS and remote sensing, John Wiley & Sons.
6. Buoygoot, J. (1964): An Introduction to Map work and Practical Geography. University Tutorial, London.
7. Lillesand T.M. R.W. Kiefer (2015): Remote Sensing and Image Interpretation John Wiley & Sons, Inc., New York.
8. Jensen John R. (2009): Remote Sensing of the Environment: An Earth Resource Perspective, Pearson Education, Inc.
9. Cambell James B. Taylor & Francis (2022): Introduction to Remote Sensing, Gulford Press, New York.