

**PUNYASHLOK AHILYADEVII HOLKAR SOLAPUR
UNIVERSITY, SOLAPUR**



Name of the Faculty: Humanities (Social Sciences)

CHOICE BASED CREDIT SYSTEM

Syllabus: Geography

Name of the Course: B. A. Part-II (Semester - III&IV)

(Syllabus to be implemented from June, 2020)

B. A. II (Sem. III & IV) Geography

CBCS Pattern Syllabus

w.e.f. June- 2020

Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Choice Based Credit System (CBCS)

Subject – Geography (Optional)

Course Structure

Paper No	Name of the Course	Category	Per Week			Total Marks	UA	CA	Credit
			L	T	P				
B. A. II Semester - III									
III	Climatology	C 3	4	-	-	50	40	10	4
IV	Geography of India	C4	4	-	-	50	40	10	4
	Introduction to Tourism Geography		4	-	-	50	40	10	4
	Resource Geography of Maharashtra - I		4	-	-	50	40	10	4
B. A. II Semester - IV									
V	Economic Geography	C 5	4	-	-	50	40	10	4
VI	Environmental Geography	C6	4	-	-	50	40	10	4
	Tourism In India		4	-	-	50	40	10	4
	Resource Geography of Maharashtra - II		4	-	-	50	40	10	4

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B. A II Semester III

Subject – Geography

Paper No.-III (Geography C3)

Title of the Paper- Climatology

Total Lectures: 60

Objectives:

- To make the students familiar with new terms and concept of climatology.
- To know the constituents of atmosphere and its dynamic nature
- To know the contribution of atmosphere in the making of earth habitable.

Unit I: Atmospheric Composition and Structure 15

- 1.1 Climatology- Meaning and Definition
- 1.2 Elements of Weather and climate
- 1.3 Atmospheric Composition
- 1.4 Atmospheric Structure

Unit II: Insolation and Temperature 15

- 2.1 Factors affecting on Insolation
- 2.2 Distribution of Insolation
- 2.3 Heat Budget
- 2.4 Temperature- Factors, Distribution and Inversion

Unit III: Atmospheric Pressure and Winds 15

- 3.1 Atmospheric Pressure Belts
- 3.2 Planetary Winds
 - 3.3 Forces affecting Winds
 - 3.4 Jet Stream

Unit IV: Atmospheric Moisture and Cyclone 15

- 4.1 Concept of Evaporation and Condensation
- 4.2 Types of Humidity and Precipitation
- 4.3 Climatic Regions (Koppen's)
- 4.4 Tropical Cyclones
- 4.5 Monsoon - Origin and Mechanism

References:

1. Barry R. G. and Carleton A. M., 2001: *Synoptic and Dynamic Climatology*, Routledge,UK.
2. Barry R. G. and Corley R. J., 1998: *Atmosphere, Weather and Climate*, Routledge, NewYork.
3. Critchfield H. J., 1987: *General Climatology*, Prentice-Hall of India, NewDelhi
4. LutgensF.K.,TarbuckE.J.andTasaD.,2009:*TheAtmosphere:AnIntroductiontoMeteorology*, Prentice-Hall, Englewood Cliffs, NewJersey.
5. Oliver J. E. and Hidore J. J., 2002: *Climatology: An Atmospheric Science*, Pearson Education, New Delhi.
6. Trewartha G. T. and Horne L. H., 1980: *An Introduction to Climate*,McGraw-Hill.
7. Gupta L S(2000): *JalvayuVigyan*, Hindi MadhyamKaryanvayNidishalya, Delhi VishwaVidhyalaya, Delhi
8. Lal, D S (2006): *JalvayuVigyan*, PrayagPustakBhavan,Allahabad
9. Vatal, M (1986): *BhautikBhugol*, Central Book Depot,Allahabad
10. Singh, S (2009): *JalvayuVigyan*, PrayagPustakBhawan,Allahabad
11. Singh, S : *Climatology*, PrayagPustakBhawan,Allahabad

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B. A. II Semester III

Subject – Geography

Paper No.-IV (GeographyC4)

Title of the Paper- Geography of India

Total Lectures:60

Objectives:

- To synthesize students with various facts of India viz. Physiography, Climate, Soil, Vegetation and Resources
- To synthesize students with various facts of India viz. Agriculture, Industries, Population, Social and Regionalization of India

Unit I:Physical Set-up

15

- 1.1 Location and Physiographic division of India
- 1.2 General climatic regions
- 1.3 Types of Soil
- 1.4 Types of Natural Vegetation

Unit II: Population

15

- 2.1 Growth of Population
- 2.2 Distribution of Population
- 2.3 Structure of Population- Age and Sex composition

Unit III: Resources and Economic Activities

15

- 3.1 Mineral Resources: distribution and production- Iron ore and Manganese
- 3.2 Power Resources: distribution and production- Coal and Petroleum
- 3.3 Agriculture production and distribution - Rice and Wheat
- 3.4 Industrial development - Automobile and Information Technology

Unit IV: Social and Regionalization of India

15

- 4.1 Distribution of Population by- Religion, Caste, Language and Tribes
- 4.2 Regionalization of India- Physiographic (R. L. Singh) and Economic (Sengupta)

References:

1. Deshpande C. D., 1992: *India: A Regional Interpretation*, ICSSR, NewDelhi.
2. Johnson, B. L. C., ed. 2001. *Geographical Dictionary of India*. Vision Books, NewDelhi.
3. Mandal R. B. (ed.), 1990: *Patterns of Regional Geography – An Intenational Perspective. Vol. 3 – IndianPerspective*.
4. Sdyasuk Galina and P Sengupta (1967): *Economic Regionalisation of India*, Census ofIndia
5. Sharma, T. C. 2003: *India - Economic and Commercial Geography*. Vikas Publ., NewDelhi.
6. Singh R. L., 1971: *India: A Regional Geography*, National Geographical Society ofIndia.
7. Singh, Jagdish 2003: *India - A Comprehensive & Systematic Geography*, GyanodayaPrakashan, Gorakhpur.
8. Spate O. H. K. and Learmonth A. T. A., 1967: *India and Pakistan: A General and Regional Geography*,Methuen.
9. Tirtha, Ranjit 2002: *Geography of India*, RawatPubls., Jaipur & NewDelhi.
10. Pathak, C. R. 2003: *Spatial Structure and Processes of Development in India*. Regional Science Assoc., Kolkata.
11. Tiwari, R.C. (2007) *Geography of India*. PrayagPustakBhawan,Allahabad
12. Sharma, T.C. (2013) *Economic Geography of India*. Rawat Publication,Jaipur

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B. A. II Semester IV

Subject – Geography

Paper No- V (GeographyC5)

Title of the Paper- Economic Geography

Total Lectures: 60

Objectives:

- To acquaint the students with economic activities i.e. Agriculture, Manufacturing, Transport, Trade and Services.
- To acquaint the students with economic activity models.

Unit I: Introduction of Economic Geography and Economic Activity 15

- 1.1 Definition of Economic Geography
- 1.2 Classification of Economic Activity
- 1.2 Factors Affecting location of Economic Activity
- 1.3 Agriculture Landuse Model- Von Thunen
- 1.4 Industrial Location Theory- Alfred Weber

Unit II: Primary Activities 15

- 2.1 Subsistence and Commercial Agriculture
- 2.2 Forestry
- 2.3 Fishing and Mining

Unit III: Secondary Activities 15

- 3.1 Manufacturing- Cotton Textile and Iron and Steel
- 3.2 Concept of Manufacturing Regions
- 3.3 Special Economic Zones and Technology Parks

Unit IV: Tertiary Activities 15

- 4.1 Transportation
- 4.2 Trade and Services

Reference:

1. Alexander J. W., 1963: *Economic Geography*, Prentice-Hall Inc., Englewood Cliffs, New Jersey.
2. Coe N. M., Kelly P. F. and Yeung H. W., 2007: *Economic Geography: A Contemporary Introduction*, Wiley-Blackwell.
3. Hodder B. W. and Lee Roger, 1974: *Economic Geography*, Taylor and Francis.
4. Combes P., Mayer T. and Thisse J. F., 2008: *Economic Geography: The Integration of Regions and Nations*, Princeton University Press.
5. Wheeler J. O., 1998: *Economic Geography*, Wiley..
6. Durand L., 1961: *Economic Geography*, Crowell.
7. Bagchi-Sen S. and Smith H. L., 2006: *Economic Geography: Past, Present and Future*, Taylor and Francis.
8. Willington D. E., 2008: *Economic Geography*, Husband Press.
9. Clark, Gordon L.; Feldman, M.P. and Gertler, M.S., eds. 2000: *The Oxford*

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B. A. II Semester IV

Subject – Geography

Paper No- VI (Geography C 6)

Title of the Paper- Environmental Geography

Total Lectures: 60

Objectives:

- To acquaint students with concept of environmental geography.
- To study the relation between human and environment.
- To introduce the students with environmental problems, programmes and policies.

Unit I: Introduction 15

- 1.1 Definition of Environmental Geography
- 1.2 Nature of Environmental Geography
- 1.3 Scope of Environmental Geography
- 1.4 Importance of Environmental Geography

Unit II: Human and Environment Relationships 15

- 2.1 Historical Progression
- 2.2 Adaptation in different Biomes

Unit III: Ecosystem 15

- 3.1 Concept of Ecosystem
- 3.2 Structure of Ecosystem
- 3.3 Functions of Ecosystem

Unit IV: Environmental Problems, Programmes and Policies 15

- 4.1 Environmental Problems – Tropical, Temperate and Polar Ecosystems
- 4.2 Environmental Programmes and Policies – Global, National and Local levels

References:

1. Chandna R. C., 2002: *Environmental Geography*, Kalyani, Ludhiana.
2. Cunningham W. P. and Cunningham M. A., 2004: *Principals of Environmental Science: Inquiry and Applications*, Tata Macgraw Hill, New Delhi.
3. Goudie A., 2001: *The Nature of the Environment*, Blackwell, Oxford.
4. Singh, R.B. (Eds.) (2009) *Biogeography and Biodiversity*. Rawat Publication, Jaipur
5. Miller G. T., 2004: *Environmental Science: Working with the Earth*,

Thomson BrooksCole, Singapore.

6. MoEF, 2006: *National Environmental Policy-2006*, Ministry of Environment and Forests, Government of India.
7. Singh, R.B. and Hietala, R. (Eds.) (2014) *Livelihood security in Northwestern Himalaya: Case studies from changing socio-economic environments in Himachal Pradesh, India*. *Advances in Geographical and Environmental Studies*, Springer
8. Odum, E. P. et al, 2005: *Fundamentals of Ecology*, Ceneage Learning India.
9. Singh S., 1997: *Environmental Geography*, PrayagPustakBhawan. Allahabad.
10. UNEP, 2007: *Global Environment Outlook: GEO4: Environment For Development*, United Nations Environment Programme.
11. Singh, M., Singh, R.B. and Hassan, M.I. (Eds.) (2014) *Climate change and biodiversity: Proceedings of IGU Rohtak Conference, Volume 1*. *Advances in Geographical and Environmental Studies*, Springer
12. Singh, R.B. (1998) *Ecological Techniques and Approaches to Vulnerable Environment*, New Delhi, Oxford & IBHPub..
13. Singh, Savindra 2001. *Paryavaran Bhugol*, PrayagPustakBhawan, Allahabad. (in Hindi)

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B. A. II Semester III

Subject – Geography

I.D.S. (Generic Elective I)

Title of the Paper- Resource Geography of Maharashtra–I

Total Lectures: 60

Objectives:

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

Unit I: Introduction

15

- 1.1 Location of Maharashtra
- 1.2 Physiography
- 1.3 Climate
- 1.4 Drainage Pattern

Unit II :Resources

15

- 2.1 Definition and Classification of resources
- 2.2 Conservation and sustainable development of resources
- 2.3 Role of resources in regional development

Unit III :Mineral and power resources in Maharashtra

15

Importance, Distribution and Production of

- 3.1 Manganese
- 3.2 Coal
- 3.3 Conventional Power Resources: Oil, Natural Gas, Hydroelectricity & Thermal power
- 3.4 Non- conventional Power Resource – Solar and Wind

Unit IV :Water and Soil Resources in Maharashtra

15

- 4.1 Sources of irrigation and distribution
- 4.2 Water Management
- 4.3 Major soil types and their distribution
- 4.4 Need of conservation and sustainable development of soil resources.

References:

1. B. Arunchalm, Regional Geography of Maharashtra
2. B.D. Nag Choudhary, "Introduction to Environment Management" Inter PrindMehata House, New Delhi.
3. Bruce Mitchell "Geography and resources analysis" John Willey and sons, New York.
4. C.D. Deshpande, "Geography of Maharashtra" National book Trust of India, New Delhi.
5. Cutler L, Renwick H.L. Exploitation conservation and preservation : A Geographical perspective and natural resource use, Rowmon and Allanhed, Towata.
6. Govt. of Maharashtra "Economic development of Maharashtra." (Maharashtra Economic Development Council)
7. Karve "Maharashtra – Land and People
8. Dixit K.R., "Maharashtra in Maps"
9. Matthews O.P., "Water resources Geopgraphy and Laow, Scientific Publishers, Jodhapur.
10. Deshpande, S.H. "Economy of Maharashtra"

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B. A. II Semester IV

Subject – Geography

I.D.S. (Generic Elective II)

Title of the Paper- Resource Geography of Maharashtra - II

Total Lectures: 60

Objectives:

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

Unit I :Forest Resources in Maharashtra

15

- 1.1 Importance of forest resources
- 1.2 Types and Distribution of forest
- 1.3 Deforestation causes and effects
- 1.4 Conservation of forest resource

Unit II: Animal Husbandry and Fisheries in Maharashtra

15

- 2.1 Types of animals and their distribution
- 2.2 Animals production (milk, meat, skin, hide, wool, eggs)
- 2.3 Conservation of Animals
- 2.4 Types of fisheries and their distribution
- 2.5 Conservation of fisheries

Unit III: Human resource in Maharashtra

15

- 3.1 Man as a resource
- 3.2 Growth of population
- 3.3 Distribution of population
- 3.4 Composition of population
- 3.5 Population pressure on resources in Maharashtra

Unit IV: Practical (Theory only)

15

- Resource survey
- 4.1 Water
 - 4.2 Soil
 - 4.3 Population
 - 4.4 Animal

References:

1. B. Arunchalm, Regional Geography of Maharashtra
2. B.D. Nag Chaudhary, "Induction to Environment Management" Inter Print Mehata House, New Delhi.
3. Bruce Mitchell "Geography and resources analysis" John Willey and sons, New York.
4. C.D. Deshpande, "Geography of Maharashtra" National Book Trust of India, New Delhi.
5. Cutler L, Renwick H.L. Exploitation conservation and preservation : A Geographical perspective and natural resource use, Rowman and Allanheld, Towata.
6. Govt. of Maharashtra "Economic development of Maharashtra." (Maharashtra Economic Development Council)
7. Karve "Maharashtra – Land and People
8. Dixit K.R., "Maharashtra in Maps"
9. Matthews O.P., "Water resources Geography and Laow, Scientific Publishers, Jodhapur.
10. Deshpande, S.H. "Economy of Maharashtra"

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B. A. II Semester III

Subject – Geography

I.D.S. (Generic Elective I)

Title of the Paper- Introduction to Tourism Geography

Total Lectures: 60

Objectives:

- 1. To acquaint the student with basic concept of Tourism Geography.**
- 2. To understand the factor affecting the Tourism Geography.**
- 3. To familiarize the classification, marketing, infrastructure & impact of Tourism**

Unit I: Introduction to Tourism Geography

1.1 Definition, Nature and Scope of tourism geography

1.2 Importance of tourism geography

1.3 Recent Trends in tourism geography : Ecotourism , Agro Tourism

Unit II. Factors Affecting on tourism Development

2.1 Physical Factors: Relief, Climate , Vegetation Wild Life, water Bodies

2.2 Socio Cultural Factors : Religion, Historical , Cultural and Sports

2.3 Economical Factors : Transportation, Industry , Hotel And Accommodation

Unit III. Classification of Tourism and tourism Marketing

3.1 Classification Of Tourism Based On:

Nationality: International, Domestic

Time:Long Term, Short Term, Holiday Tourism, Day Trippers

Distance:Global, Continental, Regional, and Local

Number of Tourist – Groups, Individual

Mode of Transportation – Road,Railway, Air Way And Water Way

Purpose of Travels – Recreation, Realigns, Health, Sport

3.2 Marketing of Tourism:Tourism product and services, Characteristics of Tourism Marketing.

3.3 Function of Tourism marketing:Marketing Research, Advertisement, and Sale Support PublicRelation, Tourism Publication

Unit IV

(A) Infrastructure and support service

4.1 Transportation Mode - Road , Railway , Air Way And Water Way

4.2 Agencies and guides

4.3 Accommodation type – Hotel, Motels, Dharmashala, Government Accommodation, tourist Houses, Youth Hostel, Tent, house Boat, Private Accommodation, Resort

(B)Impact of Tourism

1. Impact On Physical Environment : Air And Water Pollution, Solid Waste And Its Littering, Loss Of Bio- Diversity
2. Impact On Economy: Growth Of Economy, Employment Generation, Infrastructure Development
3. Impact On Social Environment: Crime, Cultural encroachment

References:

1	International Tourism	A.K. Bhatia
2	Tourism Development	A.K. Bhatia
3	India- A Tourism Paradise	Dev. Manoj
4	Development of Tourism and Travel Industry	DharPremnath
5	Tourism Development and Resource Conservation	NegiJagmohan
6	Tourism Development	Pearce Dongas
7	Geography of Tourism	Robinson R.
8	Tourism Marketing	Sharma K. C.
9	Geography Of Tourism and Recreation	ShetPran
10	Infrastruction of Indian Tourism	Sings Ratandeep
11	Introduction to Tourism	Dr. Nayab Z. A.

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B. A. II Semester IV

Subject – Geography

I.D.S.(Generic Elective II)

Title of the Paper: Tourism in India

Total Lectures: 60

Objectives:

1. To acquaint the student with basic concept of Tourism development in India.
2. To familiarize the student about Geographical, Historical, Religious and cultural Tourist Places in India.
3. To prepare the students for the Tourism planning.

Unit I: Tourism Development in India:

- 1.1 Historical Background
- 1.2 Development after Second World War
- 1.3 Role of Tourism in National Economy

Unit II : Geographical and Historical Places in India

- 2.1 **Geographical Tourist Places:-**Hill Stations, Sanctuaries and National parks, Lakes & Beaches
- 2.2 **Historical Places:-**Fort cities, Capital Cities

Unit III : Planning of Tourism

- 3.1 Concept of Tourism Planning
- 3.2 National Planning
- 3.3 Regional Planning
- 3.4 Local Planning
- 3.5 Problems of Tourism Planning

Unit IV: A) Religious and cultural Tourist places in India:

- 4.1 Hindu Religious centers
- 4.2 other Religious centers
- 4.3 Cultural centres

B) Tourist places in Solapur District:

- Religious, Historical.
- Major fairs (Yatra and Pandharpurwari)

References:

Sr. No.	Name of the Book	Name of the Author
1	Tourism Development	A. K. Bhatia
2	India- A Tourism Paradise	Dev. Manoj
3	Development of Tourism and Travel Industry	DharPramnath
4	Tourism in India	Gupta V.N.
5	Tourism development and Resource Conservation	NegiJagmohan
6	Tourism Development	Pearce Dongas
7	Geography of Tourism	Robinson R.
8	Tourism Policy, planning strategy	Sharma K.C.
9	Enllessful Tourism management	Shetpran
10	Principal of Indian Tourism	Singh shawni
11	Geography of Tourism and Recreation	Singh S.N.
12	Tourism Today Vol.-I	Singh Ratandeeep
13	ParyatanBhugol	Shinde S.B.
14	ParyatanBhugol	Gharpure V.T.
15	Tourism in India	Dr. Nayab Z.A.
