



स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ

नांदेड— ४३१६०६ (महाराष्ट्र)

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY

NANDED-431606, MAHARASHTRA STATE, INDIA.

Established on 17th September 1994 - Recognized by the UGC U/s 2(f) and 12(B), NAAC Re-accredited with 'A' Grade



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मानवविज्ञान विद्याशाखेतील पदवी
स्तरावरील द्वितीय वर्षाचे CBCS Pattern
नुसारचे अभ्यासक्रम शैक्षणिक वर्ष
२०१७-१८ पासून लागू करण्याबाबत.

परिपत्रक

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, दिनांक ३ मे २०१७ रोजी संपन्न झालेल्या ३८व्या मा. विद्या परिषद बैठकीतील विषय क्र.१२४/३८-२०१७ च्या ठरावानुसार प्रस्तुत विद्यापीठाच्या संलग्नित महाविद्यालयांतील मानवविज्ञान विद्याशाखेतील पदवी स्तरावरील द्वितीय वर्षाचे खालील विषयांचे C.B.C.S. (Choice Based Credit System) Pattern नुसारचे अभ्यासक्रम शैक्षणिक वर्ष २०१७-१८ पासून लागू करण्यात येत आहेत.

- १) बी.ए./बी.कॉम./बी.एस्सी.—इंग्रजी (अनिवार्य, द्वितीय भाषा अतिरिक्त, ऐच्छिक)—द्वितीय वर्ष
- २) बी.ए.—हिंदी (ऐच्छिक)—द्वितीय वर्ष
- ३) बी.ए./बी.कॉम./बी.एस्सी.—कन्नड (द्वितीय भाषा, ऐच्छिक)—द्वितीय वर्ष
- ४) बी.ए./बी.कॉम./बी.एस्सी.—मराठी (द्वितीय भाषा, ऐच्छिक)—द्वितीय वर्ष
- ५) बी.ए./बी.कॉम./बी.एस्सी.—पाली (द्वितीय भाषा, ऐच्छिक)—द्वितीय वर्ष
- ६) बी.ए./बी.कॉम./बी.एस्सी.—संस्कृत (द्वितीय भाषा, ऐच्छिक)—द्वितीय वर्ष
- ७) बी.ए./बी.कॉम./बी.एस्सी./बी.एफ.ए./बी.एस.डब्ल्यू—उर्दू (द्वितीय भाषा, ऐच्छिक)—द्वितीय वर्ष
- ८) बी.ए.—फॅशन डिझाईन—द्वितीय वर्ष
- ९) बी.ए.—अर्थशास्त्र—द्वितीय वर्ष
- १०) बी.ए.—भूगोल—द्वितीय वर्ष
- ११) बी.ए.—इतिहास—द्वितीय वर्ष
- १२) बी.ए.—मानव हक्क—द्वितीय वर्ष
- १३) बी.ए.—ग्रंथालय व माहितीशास्त्र—द्वितीय वर्ष
- १४) बी.ए.—जनसंवाद व पत्रकारिता—द्वितीय वर्ष
- १५) बी.ए.—सैनिकशास्त्र—द्वितीय वर्ष
- १६) बी.ए.—तत्त्वज्ञान—द्वितीय वर्ष
- १७) बी.ए.—राज्यशास्त्र—द्वितीय वर्ष
- १८) बी.ए.—मानसशास्त्र—द्वितीय वर्ष
- १९) बी.ए.—लोकप्रशासन—द्वितीय वर्ष
- २०) बी.ए.—समाजशास्त्र—द्वितीय वर्ष

सदरील परिपत्रक व अभ्यासक्रम प्रस्तुत विद्यापीठाच्या www.srtmun.ac.in या संकेतस्थळावर उपलब्ध आहेत. तरी सदरील बाब ही सर्व संबंधितांच्या निदर्शनास आणून द्यावी.

‘ज्ञानतीर्थ’ परिसर,

विष्णुपुरी, नांदेड — ४३१ ६०६.

जा.क्र.: शैक्षणिक—०१/परिपत्रक/पदवी—सीबीसीएस अभ्यासक्रम/
२०१६-१७/८४

दिनांक : ०७.०६.२०१७.

प्रत माहिती व पुढील कार्यवाहीस्तव :

- १) मा. कुलसचिव यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- २) मा. संचालक, परीक्षा व मूल्यमापन मंडळ यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- ३) प्राचार्य, सर्व संबंधित संलग्नित महाविद्यालये, प्रस्तुत विद्यापीठ.
- ४) उपकुलसचिव, पदव्युत्तर विभाग, प्रस्तुत विद्यापीठ.
- ५) साहाय्यक कुलसचिव, पात्रता विभाग, प्रस्तुत विद्यापीठ.
- ६) सिस्टम एक्सपर्ट, यू.जी.सी. कक्ष, प्रस्तुत विद्यापीठ.

स्वाक्षरित / —

उपकुलसचिव

शैक्षणिक (१—अभ्यासमंडळ) विभाग

**SWAMI RAMANAND TEERTH MARATHWADA
UNIVERSITY, NANDED**

SYLLABUS

GEOGRAPHY

B.A. SECOND YEAR

**SEMESTER PATTERN
(Choice Based Credit System)**

With Effect From: June, 2017

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

Choice Based Credit System (CBCS) Course Structure

Subject-Geography

B.A. Second Year (New Pattern)

with effect from: June, 2017

Semester	Core Course	Paper No.	Name of the Paper	Lectures/ Per Week	Total No. of Lect.	CA	ESE	Total Marks	Credits
III	CCGEO-	VII	Human Geography	04	60	10	40	50	02
	CCGEO-	VIII	Economic Geography OR Geography of Resources	04	60	10	40	50	02
	CCGEO-	IX	Practical Geography	03 (Per Batch)	45	10	40	50	02
	SEC I		Tourism Geography	03	45	25	25	50	02
Semester - III Total				14	210	55	145	200	08
IV	CCGEO-	X	Geography of Maharashtra	04	60	10	40	50	02
	CCGEO-	XI	Population Geography OR Geography of Health	04	60	10	40	50	02
	CCGEO-	XII	Practical Geography	03 (Per Batch)	45	10	40	50	02
	SEC II		Soil Geography	03	45	25	25	50	02
Semester - IV Total				14	210	55	145	200	08
Total (III & IV)				28	420	110	290	400	16

(CC= Core Course, CA= Continuous Assessment (Internal), ESE= End Semester Examination, SEC= Skill Enhancement Course)

Note:

1. *Total working days in a semester are 90.*
2. *Total working weeks in a semester are 15.*
3. *Continues Assessment for each paper = 10 Marks*
4. *End Semester Examination for each paper = 40 Marks*
5. *MCQ for each theory paper = 10 Marks*
(Theory paper – 10 Marks MCQ + 30 Marks Theory)

INSTRUCTIONS:

1. Teaching workload shall be four periods per week for each theory paper and three periods per batch per week for practical.
2. Strength of students for each practical batch shall not be more than 20 (twenty).
3. Students shall not be allowed for practical examination without certified journal (Practical Book).
4. Total periods for each theory paper shall be 60 per semester.
5. Total periods for practical paper shall be 45 per semester (No. of practical's 15 per semester).
6. Practical examination will be held at the end of the academic year (May be in February/March for both paper i.e. paper no. IX and XII).
7. CA (Continuous Assessment) Pattern for each paper (including practical paper)- one test and one home assignment of 5 Marks each.

B. A. Second Year
Subject: Geography
Semester- III
Paper-VII
Human Geography

Objectives:

The objectives of this course are to acquaint the students with the nature of man-environment relationship and human capability to adopt and modify the environment under its varied conditions from primitive life style to the modern living; to identify and understand environment and population in terms of their quality and spatial distribution pattern and to comprehend the contemporary issues facing the global community.

Course Content:

Unit I : Introduction:	16 Periods
a. Definition, nature and scope of Human Geography	
b. Major Branches of Human Geography	
c. Significance of Study of Human Geography	
Unit II : Concepts in Human Geography:	14 Periods
a. Determinism	
b. Possibilism	
c. Stop and Go Determinism.	
Unit III : Human Economic Activities:	14 Periods
a. Primary Activities	
b. Secondary Activities	
c. Tertiary and Quaternary activities	
Unit IV : Human Adaptation to Environment:	16 Periods
a. Cold region – Eskimos	
b. Hot region – Bushmen	
c. Tribes in India – Gond, Naga, Toda and Bhill	

Reference Books:

- 1) Bergwan, Edward (1995): Human Geography-Culture, Connections and Landscape, Prentice Hall, New Jersey.
- 2) De Blij, H.J. (1996) : Human Geography-Culture, Society and Space, John Wiley, New York.
- 3) Rubenstein, J.H. and Bacon, R.S. : The Cultural Landscape-An Introduction to Human Geography, Prentice Hall, India, New Delhi, 1990.
- 4) Mc Bride P.J. : Human Geography, Systems, Patterns and Change, Nelson, U.K. and Canada, 1996.
- 5) कौशिक एस.डी., मानव भूगोल के सरल सिद्धांत, रस्तोगी प्रकाशन, मेरठ (यु.पी.)
- 6) मोर्य एस.डी., मानव भूगोल, शारदा पुस्तक भवन, इलाहाबाद (यु.पी.)
- 7) गुर्जर, रामकुमार आणि जाट बी.सी., मानव भूगोल, पंचशील प्रकाशन, जयपूर.
- 8) करमरकर प्र.र., सावंत प्रकाश आणि कार्लेकर श्री.ना., मानव भूगोल, कॉन्टिनेंटल प्रकाशन, पुणे.
- 9) हुसेन माजीद, मानव भूगोल, रावत पब्लिकेशन्स, जयपूर.
- 10) शंकर शेठे, सुरेश फुले, ओमप्रकाश शहापुरकर : मानवी भूगोल, अभिजीत पब्लिकेशन्स, लातूर.
- 11) संदिपान जाधव, ओमप्रकाश शहापुरकर, नामदेव गाजरे : मानवी भूगोल, अरुणा प्रकाशन, लातूर.
- 12) विठ्ठल धारपुरे : मानवी भूगोल, पिंपळापुरे प्रकाशन, नागपूर.

B. A. Second Year
Subject: Geography
Semester- III
Paper-VIII
Economic Geography

Objectives:

The basic economy of the world is undergoing rapid transformation in recent times. The process of such transformation of economic activities from primary to secondary and tertiary stage is dynamic in nature. In view of this, the objectives of this course are to integrate the various factors of economic development and to acquaint the students about this dynamic aspect of economic geography.

Course Content:

Unit I : Introduction	14 Periods
a. Definition, nature and scope of Economic Geography	
b. Branches of Economic Geography	
c. Significance of Study of Economic Geography	
Unit II: Agriculture	16 Periods
a. Factors influencing on Agriculture	
b. Types of Agriculture-Extensive and Intensive	
c. Distribution and Production of Major Crops in the World-Rice, Wheat, Cotton and Sugarcane	
Unit III: Minerals and Power Resources	14 Periods
a. Mineral Resources – Iron ore and Manganese	
b. Power Resources – Coal and Petroleum	
c. Importance of Resources	
Unit IV: Industries, Trade and Transport	16 Periods
a. Major industries in the world-Iron and steel industry and cotton textile industry	
b. Major Transport Routes-Land, Water and Air Routes	
c. Trade-National and International	

Reference Books:

- 1) Jones, C.F. and Darkenwald, G. G. : Economic Geography, Surjeet Publications, New Delhi.
- 2) Truman, A., Hartshorne, Richard: Economic Geography, PHL Learning Pvt. Ltd. New Delhi.
- 3) Chouhan, R.N. : Principles of Economic Geography, ABD Publications, Jaipur.
- 4) Kaur, Raninder: Economic Geography, Subline Publication, Jaipur.
- 5) मामोरीया चतुर्भुज, आर्थिक भूगोल.
- 6) कौशिक एस.डी., मानव भूगोल के सरल सिद्धांत, रस्तोगी प्रकाशन, मेरठ (यु.पी.)
- 7) जगदिशसिंह काशिनाथसिंह, आर्थिक भूगोल के मुलत्त्व, ज्ञानोदय प्रकाशन, गोरखपुर.
- 8) गौतम अलका, आर्थिक भूगोल के मुलतत्त्व, शारदा पुस्तक भवन, इलाहाबाद, किताबघर प्रकाशन, कानपुर (यु.पी.)
- 9) प्रसाद करण, आर्थिक भूगोल, किताबघर प्रकाशन, कानपुर (यु.पी.)
- 10) सारंग सुभाषचंद्र, आर्थिक भूगोल व नागरी भूगोल, विद्या प्रकाशन, नागपुर.
- 11) जयकुमार मगर, आर्थिक भूगोल, विद्या प्रकाशन, नागपुर.
- 12) विठ्ठल धारपुरे, आर्थिक भूगोल, पिंपळापुरे प्रकाशन, नागपुर.
- 13) नागलगावे व इतर, आर्थिक भूगोल, अभिजीत प्रकाशन, लातूर.

B. A. Second Year
Subject: Geography
Semester- III
Paper-VIII (OR Paper)
Geography of Resources

Objectives:

The objective of this paper is to provide an overview of resource geography and its interface with environment. The course aims to provide an understanding of the existing reality of resource utilization and environmental depletion; further aims to sensitize the students to the concept of sustainable resource use and sustainable development.

Course Content:

Unit I : Introduction	16 Periods
a. Definition, nature and scope of Geography of Resources	
b. Relationship of Geography of Resources with other major branches of Geography	
c. Significance of study of Geography of Resources.	
Unit II: Resources	14 Periods
a. Meaning of Resource	
b. Types of Resources – Natural and Cultural, Biotic and Abiotic, Exhaustible and Non-Exhaustible, Renewable and Non-Renewable.	
c. Importance of Resources	
Unit III: Soil as a Resource	14 Periods
a. Soil forming factors	
b. Types of soils	
c. Soil erosion, degradation and conservation	
Unit IV: Water and Forest Resources	16 Periods
a. Agricultural use of water and forests;	
b. Industrial use of water and forest;	
c. Conservation of water and forest resources	

Reference Books:

- 1) साक्षात्पत्ती भूगोल - डॉ.विठ्ठल धारपूरे, पिंपळापुरे प्रकाशा, नागपूर.
- 2) आर्थिक भूगोल - डॉ.विठ्ठल धारपूरे, पिंपळापुरे प्रकाशा, नागपूर.
- 3) पर्यावरण संरक्षण और याय पालिका, डॉ.सुशिलकुमार दिल्ली.
- 4) संसाधा एवं पर्यावरण, एस.डी. मोर्य.
- 5) जलसंसाधा भूगोल, रामकुमार गुर्जर, बी.सी. जाट, रावत पब्लिकेशस, जयपूर.
- 6) संसाधा भूगोल, डॉ.मोहम्मद हारु, वसुंधरा प्रकाशा, गोरखपूर.
- 7) पर्यावरण भूगोल, डॉ.प्रदिपकुमार, डिस्कव्हरी प्रकाशा.
- 8) पर्यावरण व आर्थिक क्रिया, डॉ.शंकरराव चौधरी, हिमालय पब्लिशिंग हाऊस, मुंबई.
- 9) संसाधा भूगोल, प्रसाद करण, किताबघर प्रकाशा, कापूर.
- 10) पर्यावरण भूगोल, डॉ.बी.सी. जाट, पंचशील प्रकाशा, जयपूर.

B. A. Second Year
Subject: Geography
Semester- III
Paper-IX
Practical Geography

Unit- I	:	Two dimensional Diagrams	20 Periods
		a) Wheel Diagram	
		b) Circle Diagram	
		c) Square Diagram	
Unit-II	:	Distributional Maps	20 Periods
		a) Dot Maps	
		b) Choropleth Maps	
		c) Flow-line maps	
Unit- III	:		15 Periods
		a) Density of Population	
		i. Arithmetic Density	
		ii. Agricultural Density	
		b) Growth of Population	
		i. Population Growth Rate	
		ii. Average annual population growth rate	
		Meaning, Calculation and Interpretation of the results.	

Reference Books :

- 1) Kha, Z.A. : Text Book of Practical Geography Concept, New Delhi, 1998
- 2) Lawrence, G.R.P. : Cartography Methods, Methuen London, 1968
- 3) Mishra, R.P. & Ramesh A. : Fundamentals of Cartography, McMillan Co. New Delhi 1986.
- 4) Monkhouse, F.J. & Wilkinson, H.R. : Maps and Diagrams, London, 1994.
- 5) Sarkar, A.K. : Practical Geography A Systematic Approach Orient Longman, Calcutta, 1997
- 6) Singhj, R.L. : Elements of Practical Geography, Kalyani Publication, New Delhi.
- ७) शर्मा, जे.पी. : प्रायोगिक भूगोल
- ८) अहिरराव, डी.वाय. व करंजखेले इ.के. : प्रात्यक्षिक भूगोल
- ९) अर्जुन, कुंभार : प्रायोगिक भूगोल
- १०) डॉ.नागतोडे, नकाशाशास्त्र व प्रात्यक्षिक भूगोलशास्त्र, पिपळापुरे प्रकाशन, नागपूर.
- ११) महाजन वाय.आर., सांख्यिकी, पिपळापुरे प्रकाशन, नागपूर.

B. A. Second Year
Subject: Geography
Semester- III
SEC - I
Tourism Geography

Objectives:

The objectives of this course are:

1. To familiarize the students with aspects of tourism which have a bearing on subject matter of geography
2. To orient the student to the logistics of tourism industry and the role of tourism in regional development
3. To understand the impact of tourism on physical and human environment

Unit – I	i) Definition, nature, scope and significance of tourism ii) History and evaluation of tourism. iii) Environment Law's	15 Periods
Unit – II	Communication skills in tourism i) Writing ii) Oral spoken iii) Technique of advertisement	15 Periods
Unit – III	i) Acquire – knowledge of various tourist centres location by internet ii) Primary knowledge of time table and ticket booking of railway, airlines and sea routs. iii) To visit fairs and festivals in Maharashtra.	15 Periods

References :

- 1) Bhatia, A.K. (1983) : Tourism Development, Sterling Publishers Pvt. Ltd., Benglor.
- 2) Gharpure Vitthal (2001): Geography of Tourism, Pimpalpure and Co. Publication, Nagpur.
- 3) Khatib K. A.: Geography of Tourism, Mehta Publications, Kolhapur.
- 4) Bhatiya, A.K. (1991) : 'International Tourism-Fundamental and Practices', New Delhi.
- 5) Hunter C and Green H (1995) : 'Tourism and the Environmental : A sustainable relationship', Rutledge London.
- 6) Lea J. (1988) : 'Tourism and Development in the third world', Rutledge London.
- 7) Williams, Stephen (1998) : 'Tourism Geography', Rutledge Contemporary Human Geography, London.
- 8) Sharma Vinod (2015): Prachi Atlas of India & World, Prachi Pub. New Delhi.
- 9) izk-MkW-foëy ?kkjiqjs ¼2009½] Ik;ZVu Hkwksy] fiGkiqjs ifCyds"ku] ukxiwj
- 10) izk-ukxrksMs] izk-ikj/kh ¼2006½] Ik;ZVu Hkwksy] fo[k izdk"ku] ukxiwj

B. A. Second Year
Subject: Geography
Semester- IV
Paper-X
Geography of Maharashtra

Objectives:

The course is aimed at presenting a comprehensive, integrated and empirically based profile of Maharashtra. Besides, the objective is to highlight the linkages of systematic geography of Maharashtra with the regional personality of the India. The course is designed so as to present the role of the geographical positioning of Maharashtra in moulding its geopolitical personality and its inter-relations with other states.

Course Content:

Unit I :	Maharashtra (Physical)	16 Periods
	a. Maharashtra in the Context of India	
	b. Physical Regions, Drainage Systems and Climate of Maharashtra	
	c. Soil types, Forest types, Minerals and Power Resources of Maharashtra	
Unit II :	Agriculture and Irrigation	14 Periods
	a. Meaning of Agriculture and Irrigation	
	b. Distribution and Production of Jowar, Rice, Cotton, Sugarcane and Horticultural Crops	
	c. Major Sources of Irrigation	
Unit III:	Industries	14 Periods
	a. Major industries-Sugar Industry, Cotton Textile Industry	
	b. Industrial Regions of Maharashtra	
	c. Problems of Industrial Sector in Maharashtra	
Unit IV :	Population	16 Periods
	a. Factors affecting on the Growth and Distribution of Maharashtra	
	b. Growth and Distribution of Population in Maharashtra	
	c. Birth and Death rates in Maharashtra	

Reference Books:

- 1) B. Arunachalam (1967): Maharashtra, Mumbai.
- 2) Deshpande, C.D. (1971): Geography of Maharashtra, National Book Trust, India.
- 3) Singh, R.L. (1971): India-A Regional Geography, National Geographical Society, Varanasi, India.
- 4) Govt. of Maharashtra, District Gazetteers, Economic Review.
- 5) Sharma Vinod (2015): Prachi Atlas of India & World, Prachi Pub. New Delhi.
- 6) सवदी ए.बी., द मेगा स्टेट महाराष्ट्र, निराली प्रकाशन, पुणे.
- 7) सवदी ए.बी., महाराष्ट्राचा सामान्य भूगोल, निराली प्रकाशन, पुणे.
- 8) सावंत प्रकाश, महाराष्ट्राचा भूगोल, फडके प्रकाशन, कोल्हापूर.
- 9) सारंग सुभाषचंद्र, महाराष्ट्राचा भूगोल, विद्या प्रकाशन, नागपूर.
- 10) जोशी प्रकाश, महाराष्ट्रातील जलाशय, मनोविकास प्रकाशन, पुणे.
- 11) जोशी अनुजा, महाराष्ट्रातील नद्या, डायमंड प्रकाशन, पुणे.
- 12) आपटे ज.श., महाराष्ट्राची लोकसंख्या-नियोजन व विकास, डायमंड प्रकाशन, पुणे.
- 13) ताठे एस. व्ही. (२०१६), महाराष्ट्राचा भूगोल, चिन्मय प्रकाशन, औरंगाबाद.

B. A. Second Year
Subject: Geography
Semester- IV
Paper-XI
Population Geography

Objectives:

The course is meant to provide an understanding of spatial and structural dimensions of population and the emerging issues. The course is further aimed at familiarizing the students with global and regional level problems and also equip them for comprehending the Indian situation.

Course Content:

Unit I : Population Geography- its meaning and field	16 Periods
a. Definition, nature and scope of Population Geography	
b. Relationship with other social Sciences	
c. Significance of study of Population Geography	
Unit -II : Population Growth and Distribution	14 Periods
a. Factors affecting on growth of Population	
b. Growth of Population in world and India	
c. Distribution of population in World and India	
Unit -III : Population Theories	16 Periods
a. Malthusian theory of population	
b. Theory of optimum population	
c. Demographic transition theory	
Unit -IV : Attributes and Structure of Population:	14 Periods
a. Age and sex structure in India	
b. Literacy in India	
c. Birth rate and death rate in India	

Reference Books:

- 1) Beaujieu Garnier, J – Geography of Population, Longmans, London.
- 2) Chandana R.C. - Geography of Population : Concepts, Determinants and patterns, Kalyani publishers, New Delhi.
- 3) Clarke, J.I.- Population Geography, permagon press, New York.
- 4) Trewartha, G.T.- A Geography of Population : World patterns, John Wiley and sons New York.
- 5) Ghosh B.N. – Population Geography, concept publication, Delhi.
- 6) अहिरराव, अलिझाड, वराट, धापटे, लोकसंख्या.
- 7) घारपूरे विठ्ठल, लोकसंख्या भूगोल, पिपळापुरे प्रकाशन, नागपूर.
- 8) शेटे, फुले, शहापूरकर, लोकसंख्या भूगोल, अभिजीत प्रकाशन, नागपूर.
- 9) राठोड, विष्णुदास आर., चव्हाण, वैजनाथ, (२०१६) लोकसंख्या भूगोल - राजवीर पब्लिकेशन, परभणी.

B. A. Second Year
Subject: Geography
Semester- IV
Paper-XI (OR Paper)
Geography of Health

Objectives:

The objectives of this course are:

- To acquaint the students with the role of geographical factors, viz., physical, demographic, social and economic, influencing the spatial distribution of diseases;
- To highlight the relation of health with nutrition, environmental degradation and urbanization;
- To decipher the causes of the changing disease pattern, and
- To make the students abreast of existing health-care facilities, so as to train them with better health care planning for the country.

Course Content:

Unit I :	Introduction	14 Periods
	a. Definition, nature and scope of Health Geography	
	b. Development of Health Geography	
	c. Significance of Study of Health Geography	
Unit II :	Factors Affecting on Human Health and Diseases	16 Periods
	a. Physical factors-Relief, Climate, Soils and Vegetation	
	b. Social and Economic Factors-Population Density, Literacy, Social Customs, Poverty, Food and nutrition, Standard of living	
	c. Environmental Factors-Urbanization, Congestion, Pollution and Solid Waste	
Unit III :	Classification of Diseases	14 Periods
	a. Genetic, Communicable and Non-Communicable	
	b. Occupational and Deficiency Diseases	
	c. Pattern of World Distribution of Major Diseases	
Unit IV :	Diseases and Health Care	16 Periods
	a. Causes, Ecology, Etiology and Transmission of Cholera, Malaria, Tuberculosis, Hepatitis, Leprosy, AIDS and STDS	
	b. Health Care Planning and Policies in India	
	c. Primary Health Care and Health for all Programmes	

Reference Book:

- 1) Majid Husain: Medical Geography, Anmol Publication, New Delhi.
- 2) R. C. Agnihotri: Geo-Medical Environment and Health Care, Rawat Publication, Jaipur.
- 3) Rais Akhtar and Other: Geographical Aspects of Health and Disease in India.
- 4) जी.सी. सिंघई, चिकित्सा भूगोल, वसुंधरा प्रकाशन, गोरखपुर.
- 5) आर.पी. मिश्रा, वैद्यकीय भूगोल, नॅशनल बुक, नई दिल्ली.
- 6) दिक्षीत जगन्नाथ, सामाजिक आरोग्य परिचर्या, सुर्य ऑफसेट, नागपूर.
- 7) बापट रवि, स्वास्थ्यवेध : आरोग्यविषयक समज गैरसमज, सुमंगल प्रेस, अंधेरी, मुंबई.

B. A. Second Year
Subject: Geography
Semester- IV
Paper-XII
Practical Geography

Unit- I : Climatic Graphs and Diagrams **20 Periods**

- a) Line Graph, Bar Graph (Simple and Multiple)
- b) Hythergraph
- c) Star Diagram

Unit-II: Weather Instruments (Machanism, Function and Use) **20 Periods**

- a) Minimum and maximum thermometer
- b) Dry and Wetbulb thermometer
- c) Hair-hygrometer

Unit-III : Study of Indian Daily Weather Reports **15 Periods**

- a) Weather Signs and Symbols
- b) Shapes of Isobars on Weather Maps
- c) Interpretation of Indian Daily Weather Maps one each from Winter, Summer and Rainy Season

Reference Books :

- 1) Kha, Z.A. : Text Book of Practical Geography Concept, New Delhi, 1998
- 2) Lawrence, G.R.P. : Cartography Methods, Methuen London, 1968
- 3) Mishra, R.P. & Ramesh A. : Fundaments of Cartography, McMillan Co. New Delhi 1986.
- 4) Monkhouse, F.J. & Wilkinson, H.R. : Maps and Diagrams, London, 1994.
- 5) Sarkar, A.K. : Practical Geography A Systematic Approach Orient Longman, Calcutta, 1997
- 6) Singhj, R.L. : Elements of Practical Geography, Kalyani Publication, New Delhi.
- ७) शर्मा, जे.पी. : प्रायोगिक भूगोल
- ८) अहिरराव, डी.वाय. व करंजखेले इ.के. : प्रात्यक्षिक भूगोल
- ९) अर्जुन, कुंभार : प्रायोगिक भूगोल
- १०) डॉ.नागतोडे, नकाशाशास्त्र व प्रात्यक्षिक भूगोलशास्त्र, पिपळापुरे प्रकाशन, नागपूर.
- ११) महाजन वाय.आर., सांख्यिकी, पिपळापुरे प्रकाशन, नागपूर.

B. A. Second Year
Subject: Geography
Semester- III
SEC – II
Soil Geography

Objectives:

The aim of the course is to introduce the students to soil which is one of the important element of the earth which supports the life system. The overuse and misuse of soil in recent years having resulted in degradation of soil. Study of soil will help the students to appreciate the inherent limitations of soil to a particular use and managing the soil effectiveness.

Course Contents:

Unit- I : 15 Periods

- a) Nature, Scope and Significance of Soil Geography
- b) Soil Geography; its relationship with Pedology
- c) Processes of soil formation and soil development: Physical, Biotic and Chemical

Unit-II: 15 Periods

- a) Soil Forming factors: parent material and organic
- b) Physical Properties of Soils: Morphology, texture, structure, water, air, temperature and other properties of soil.

Unit-III : 15 Periods

- a) Chemical properties of soil and soil reaction
- b) Soil erosion, degradation and conservation of soil

References:

- 1) Backman, H.O and Brady, N.C.: The nature and properties of soils, Mc Millan New York, 1960.
- 2) Bennet, Hugh H.: The Geography of Soils, McGraw Hill, New York.
- 3) Clarke G.R. : Study of the soil in the field, Oxford University Press, Oxford, 1957.
- 4) Govinda Rajan, S. V. and Gopala Rao, H.G. : Studies on Soils of India, Vikas, New Delhi, 1978.
- 5) Partiram, Brajendra N.S., Azad Thakur & T. Ramesh. : Soil Testing and Analysis (Plant, Water & Pesticide Residues), Published by New India Publishing Agency, New Delhi
- 6) F. J. Stevenson & M. Acole (2015): Cycles of Soil, Published by Wiley India, New Delhi.
- 7) Rajendra Prasad, James F. Power (2014): Soil fertility Management for sustainable Agriculture, Special India Edition.
- 8) U. Thapa & P. Tripathy (2010) : Organic Farming in India (Problems & Prospects) , Agrotech Publishing Academy Udaipur.
