


Telephone No. 2419677/2419361
Fax: 0821-2419363/2419301

e-mail : registrar@uni-mysore.ac.in
www.uni-mysore.ac.in


UNIVERSITY OF MYSORE
Estd. 1916

Vishwavidyanilaya Karyasoudha
Crawford Hall, Mysuru- 570 005

No.AC2(S)/151/2020-21

Dated: 04.10.2023

Notification

Sub:- Modification Syllabus and Scheme of Examinations Geography (UG) (IIIrd & IVth Semester) with effect from the Academic year 2023-24.


Ref:- Decision of Board of Studies in Geography (UG) meeting held on 24.08.2023.

The Board of Studies in Geography (UG) which met on 24.08.2023 has resolved to recommend and approved the syllabus and scheme of Examinations of Geography Programme (IIIrd & IVth Semester) with effect from the Academic year 2023-24.

Pending approval of the Faculty of Science & Technology and Academic Council meetings the above said syllabus and scheme of examinations are hereby notified.

The syllabus and scheme of Examinations contents may be downloaded from the University website i.e., www.uni-mysore.ac.in.

DRAFT APPROVED BY THE REGISTRAR


Deputy Registrar (Academic)
Deputy Registrar (Academic)
University of Mysore
Mysore-570 005

To;

1. All the Principal of affiliated Colleges of University of Mysore, Mysore.
2. The Registrar (Evaluation), University of Mysore, Mysuru.
3. The Chairman, BOS/DOS in Geography, Manasagangothri, Mysore.
4. The Director, Distance Education Programme, Moulya Bhavan, Manasagangothri, Mysuru.
5. The Director, PMEB, University of Mysore, Mysore.
6. Director, College Development Council, Manasagangothri, Mysore.
7. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
8. The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.
9. Office Copy.



Mob: +91 9901259597
Office: 0821-2419693
Email: drjayashreeram@gmail.com

DEPARTMENT OF STUDIES IN GEOGRAPHY
UNIVERSITY OF MYSORE, MANASAGANGOTHRI, MYSURU - 570006, KARNATAKA

Prof. JAYASHREE. P
Professor &
Chairperson-BOS in Geography

No. MGGR/ 191/2023-24

Date: 14-09-2023

To,

The Registrar
University of Mysore
Mysuru-05

Respected Madam,

Sub: Submission of BOS Proceeding and Syllabus Framed for BA/B.Sc. Geography
Ref(01): No. AC2(S)/151/2020-21 Dated: 06-09-2023

This is for your kind information that the Board of Studies in Geography (UG) meeting held on 14th September 2023 (Thursday) at the Mishra Hall, DOS in Geography, Manasagangothri, University of Mysore, Mysuru at 11.00 am.

Board Members of UG Geography gathered for the meeting and framed the course structure, titles and detailed syllabus for the 3rd and 4th Semester BA/B.Sc. Geography as per the NEP guidelines and directions from the KHEC and University of Mysore. Kindly acknowledge the same.

Attachment:

- (1) BOS Proceeding Copy
- (2) 3rd and 4th Semester BA/B.Sc. Geography Syllabus with contents

Thanking you,

Yours sincerely,

Prof.P.Jayashree
Chairman, BOS in Geography

Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006



Mob: +91 9901259597
Office: 0821-2419693
Email: drjayashreeram@gmail.com

DEPARTMENT OF STUDIES IN GEOGRAPHY
UNIVERSITY OF MYSORE, MANASAGANGOTRI, MYSURU - 570006, KARNATAKA

Prof. JAYASHREE. P
Professor &
Chairperson-BOS in Geography

Date: 14-09-2023

Proceedings of the Board of Studies (BOS) in Geography (UG)
Special Meeting held on 14th September 2023 (Thursday) at 11.00 am.
at the Mishra Hall, DOS in Geography,
Manasagangothri, University of Mysore, Mysuru

The members of the **Board of Studies in Geography (UG)** special meeting held on **14th September 2023 (Thursday)** at the Mishra Hall, DOS in Geography, Manasagangothri, University of Mysore, Mysuru at 11.00 am.

Board Members of UG Geography updated the tentative course structure, titles and detailed syllabus as per the model syllabus sent by the Higher Education Council of Govt. of Karnataka for the 3rd and 4th Semester BA/B.Sc. Geography (for the constituent and affiliated colleges of University of Mysore) as per the NEP guidelines and directions from the University of Mysore.

Sl. No	Members	Affiliation	Signature
1.	Prof. P JAYASHREE	CHAIRMAN BOARD OF STUDIES DEPARTMENT OF GEOGRAPHY, MANASAGANGOTRI, UOM	
2.	Prof. ASIMA NUSRATH	DEPARTMENT OF GEOGRAPHY, MANASAGANGOTRI, UOM	
3.	Prof. CHANDRASHEKARA B	DEPARTMENT OF GEOGRAPHY, MANASAGANGOTRI, UOM	
4.	Prof. ARUN DAS S	CHAIRMAN DEPARTMENT OF GEOGRAPHY, MANASAGANGOTRI, UOM	
5.	Prof. NAGARAJU D.	DEPARTMENT OF EARTH SCIENCE, MANASAGANGOTRI, UOM	
6.	Dr. H.S.KUMARA	DEPARTMENT OF SCHOOL OF PLANNING AND ARCHITECTURE, MANASAGANGOTRI, UOM	

7	Prof. ASHOK D HANJAGI	DEPARTMENT OF GEOGRAPHY AND GEOINFORMATICS, BANGALORE UNIVERSITY, BENGALURU	<i>Absent</i>
8	Dr. SRIKANTAPRASAD S	DEPARTMENT OF GEOGRAPHY, GOVT. FIRST GRADE COLLEGE, BANNUR, T NARASIPUR TALUK	<i>S. Srikantaprasad S 14/09/23</i>
9	Dr. SARITHA K	DEPARTMENT OF GEOGRAPHY, GOVT. FIRST GRADE COLLEGE, K.R.NAGAR 571602	<i>Saritha K 14/09/23</i>
10	Dr. VASUMA M.G	DEPARTMENT OF GEOGRAPHY, MAHARANI'S COLLEGE, MYSORE	<i>Absent</i>
11.	Mr. RAJASHEKARA MURTHY M.S	DEPARTMENT OF GEOGRAPHY, MAHARANI'S COLLEGE, MYSORE	<i>Rajasekara M.S</i>
12	Prof. RAMU (Special Invitee)	COORDINATOR CENTRE FOR GEOINFORMATICS TECHNOLOGY, DOS IN GEOGRAPHY, MGM	<i>Ramu</i>

Date: 14-09-2023

P. Jayashree
14/9/23

Prof.P.Jayashree
Chairman – BOS in Geography
CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006



ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
UNIVERSITY OF MYSORE

**NEP Curriculum Framework for Four-Year
Undergraduate Multidisciplinary Programme (Honours) for
B.A/ B.Sc. Geography
(For Constituent and Affiliated Colleges under University of Mysore)**



**Third & Fourth Semester Syllabus
B.A / B.Sc. (Hons.) in Geography**

**CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006**

**Curriculum for
BA / BSc (Honours)
in
Geography
Third & Fourth Semester**



**ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
UNIVERSITY OF MYSORE**

A handwritten signature in blue ink, appearing to be 'S. S. S. S.'.

**CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006**



ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
UNIVERSITY OF MYSORE

Syllabus for B.A/B.Sc. (Hons). in Geography (Third Semester)

Semester	Course Code	Title of the Course	Teaching Hours	Hours/Week	Examination Pattern Max and Min. Marks per Paper			Duration of Exam (Hrs.)	Total Marks / Paper	Total Credits	
				Theory/ Practical	Theory/ Practical			Theory/ Practical		Theory/ Practical	
					Max	Min	IA				
DISCIPLINE SPECIFIC CORE (DSC)											
Third	DSC. T-3.1	Fundamentals of Human Geography	60	4	60	21	40	2	100	4	
	DSC. P-3.1	Fundamental Techniques in Human Geography	60	4	25	9	25	2	50	2	
	OPEN ELECTIVE - OE										
	OE-3.1	Geography of India	45	3	60	21	40	2	100	3	
	OE-3.2	Application of GIS and Remote sensing	45	3	60	21	40	2	100	3	
OE Paper is to be offered for the Students other than Geography.											


CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006



ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
UNIVERSITY OF MYSORE

Syllabus for B.A/B.Sc. (Hons). in Geography (Fourth Semester)

Semester	Course Code	Title of the Course	Teaching Hours	Hours/Week	Examination Pattern Max and Min. Marks per Paper			Duration of Exam-Hrs	Total Marks / Paper	Total Credits
				Theory/ Practical	Theory/ Practical			Theory/ Practical		Theory/ Practical
					Max	Min	IA			
Fourth	DISCIPLINE SPECIFIC CORE (DSC)									
	DSC. T-4.1	India: Resources and Sustainability	60	4	60	21	40	2	100	4
	DSC. P-4.1	Representation of Indian Geographical features and Resources.	60	4	25	9	25	2	50	2
	OPEN ELECTIVE - OE									
	OE-4.1	Geography of Karnataka	45	3	60	21	40	2	100	3
	OE-4.2	Population and settlement Geography	45	3	60	21	40	2	100	3
OE Paper is to be offered for the Students other than Geography.										


CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006

THIRD SEMESTER



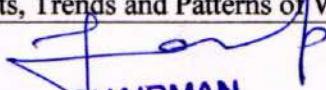
CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006



ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
UNIVERSITY OF MYSORE

B.A. / B.Sc. (Hons.) Geography - Semester - III


Title of the Course: DSC.T- 3.1 Fundamentals of Human Geography		
Number of Theory Credits	Number of Theory hours	
4	60	
Course Learning Outcomes: <ol style="list-style-type: none">1. Students will earn Basic concepts, approaches and development of Human Geography.2. Learn how human interact with environmental components of the world and also learn how human beings and environment mutually influences one another.3. Students will be familiarized with cultural and economic processes at different scales such as globalization, trade, cultural and social activities.4. The student will be able differentiate between geography and human geography.5. Understand population dynamics and human settlements.		
Course Objectives: <ol style="list-style-type: none">1. Understand the basics concepts and approaches of human geography2. Study the nature and distribution of cultural elements and their process and to appraise the mutual interaction between People and places.3. To examine the population attributes and dynamic nature of them.4. To study different types of economic activities and their adaptation with the environment and their impact on the development of the regions.		
Unit	Content of Theory Course	Hours 60
Unit - 1	Introduction to Human Geography: Nature and scope, Development and Branches of Human Geography, Themes in Geography: Location, Place, Human-Environment Interaction, Movement and Region. Man- Environment Relation: Environmental Determinism and Possibilism, Neo- Determinism (stop and go determinism); Approaches to Human geography: Exploration and Descriptive Approach, Regional Approach, Areal Differentiation Approach, Spatial organization Approach. Modern Approaches: Welfare or Humanistic Approach, Radical Approach, Behavioral Approach, Post Modernism in Geography.	15
Unit - 2	Cultural patterns and Processes: Concept of culture, Material and Non-material Culture, Cultural traits and Cultural regions; Meaning and Definition of races, Classification of races, Main characteristics (traits) and Broad racial groups of the world and their distribution; Languages: Classification and Distribution of languages; Religion: Types, Classification, and Distribution of religions: Hinduism, Christianity, Islam and Buddhism; Assignment: Each student is expected to prepare a brief report on the cultural composition of their own locality/ place/ village/ ward/town or neighborhoods through field investigation and also can use published data.	15
Unit - 3	Population and Settlements: Distribution and Growth of Population; Factors affecting population Distribution; Density of Population: Meaning and Types; Arithmetic Density, Physiological Density and Agricultural density, Regional Distribution of Density of Population; Carrying capacity and Sustainability; Concept of Settlements, Origin and evolution of Human settlements, Factors of settlements, origin and distribution, types and pattern of settlements; Rural and Urban settlements, Trends and Patterns of World Urbanization.	15


CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006

	Field Activity: Students should study and identify the factors influencing on the origin and growth of the settlement and each student is expected to identify patterns of settlements by visiting nearest settlement. The students are advised to carry topographical map of the place during field visit.	
Unit - 4	<p>Economic Activities: Concept and Classification of Economic activities; Factors affecting Economic Activities; Primary Economic Activities – Agriculture, Types: Primitive Subsistence, Intensive Subsistence, Plantation Agriculture, Extensive Commercial grain Cultivation, Mixed Farming, Dairy Farming; Secondary Activities: Manufacturing, Classification – 1. Based on size – Small Scale and Large scale. 2. Based on Raw Material – Agro-based, Mineral based, Chemical Based and Forest based. Industrial Regions of the world; Tertiary Activities: Types: Trade and Commerce, Retail Trading Services, Wholesale Trading. Transport and communications: Factors, Communication Services – Telecommunication. Services: Informal and Non formal sector. Information technology and service</p> <p>Case Study: Students have to visit a village/a town nearby and observe the economic activities and understand different classes and identify the most dominant economic activities..</p>	15

References:

1. De Blij H. J., Alexander B Murphy, Erin H Fouberg, (2006) Human Geography: people, Place and culture, Abe books Published by Wiley ISBN 10: 0471679518 / ISBN 13: 9780471679516
2. Sarah Bendarz, Mark Bockenbauer, Fredrik Hiebert, 2020, Human Geography: A Spatial Perspective; NatlGeographics School Pub Inc.
3. Majid Hussein 2018 Human Geography, Rawat Publication (Fifth Edition)
4. David Dorrell, Joeseph Henderson, Todd Lindley and Georgeta Cannor (2019) Introduction to Human Geography, University System of Georgia, <https://ung.edu/university-press/books/introduction-to-human-geography.php>
5. Hartshorne, T.A., & Alexander, J.W. (2010). Economic Geography. New Delhi: PHI Learning.
6. Nellson, Gabler Vining (1995) Human Geography, People, Cultures and Landscapes
7. Ranganath (2002) Principles of Human Geography (Kannada Version) Vidyanidhi, Gadag
8. Rubenstein J.M (2016). An Introduction to Human Geography, Macmillan Publishing Company, New York
9. Knox, P., Agnew, J., & McCarthy, L. (2008). The Geography of the World Economy. London: Hodder Arnold.
10. Lloyd, P., & Dicken, B. (1972). Location in Space: A Theoretical Approach to Economic Geography. New York: Harper and Row.
11. Siddhartha, K. (2000). Economic Geography: Theories, Process and Patterns, New Delhi: Kosalaya Publications.
12. Smith, D.M. (1971). Industrial Location: An Economic Geographical Analysis, New York: John Wiley and Sons.


CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006



ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
UNIVERSITY OF MYSORE

B.A. / B.Sc. (Hons.) Geography - Semester - III

Title of the Course: DSC.P- 3.1 Fundamental Techniques in Human Geography		
Number of Practical Credits	Number of Practical hours	
2	60	
Course Learning Outcomes: <ol style="list-style-type: none">1. Students will learn the Geographical concepts such as scale, map, projections, distance, direction, and learn how these features are used in map production and area visualization.2. Students will be familiarized with different methods of computing population growth, understanding the techniques of nearest neighbor analysis.3. The student will be able understand the factors affecting settlement development and economic activities therein.		
Course Objectives: <ol style="list-style-type: none">1. Understand the application of the cartography in mapping of population2. Study population growth models3. Introduce how economic, cultural, and trade activities impact on the development of the settlement		
Unit	Content of Practical Course	Hours 60
Exercise-1	Maps: Definition, Elements of map: scale, direction, map projection, conventional signs and symbols, legend; Types of map: large scale: cadastral maps, Topographic maps, B. Small scale: wall maps, atlas maps, maps; Based on purpose and content: Physical Maps, Political Maps, Thematic Maps. Uses of Maps.	08
Exercise-2	Map Scales: Definition of Scale, Methods of representing Scales: Statement Method, Graphical Method, Ratio Method (R F).	08
Exercise-3	Conversion of Scale: Verbal to RF, RF to Verbal, Verbal to Graphical; Exercises on Measuring Distances on Map and converting map distance to ground distance.	08
Exercise-4,5	Map Projections: Meaning and Purpose, Latitudes and Longitudes, Classification of Map Projections and their general properties: Conical Projections, Cylindrical Projections, Zenithal Projections. UTM Projections. Choice of Map Projection.	08
Exercise-6	Drawing of conical projection with One Std. Parallel and Two Std. Parallels,	08
Exercise-7	Drawing of Cylindrical Equal Area Projection.	06
Exercise-8	Drawing of Zenithal Polar Gnomonic Projection.	06
Exercise-9	Introduction to UTM Projection, uses and importance.	08
References: <ol style="list-style-type: none">1. Pijushkanti Saha, Partha Basu (2013) Advanced Practical Geography2. Ashis Sarkar (2015) Practical Geography: A Systematic Approach, Orient Black swan Pvt Ltd.3. Rana Pb Singh Rl Singh(2018), Elements of Practical Geography. Kalyani Publishers4. Dent B.D., 1999. Cartography: Thematic Map Design, (Vol. 1), McGraw Hill5. Gupta K.K and Tyagi V.C., 1992. Working with Maps, Survey of India, DST, New Delhi.6. Singh, R.L., 2005. Elements of Practical Geography. Kalyani Publishers, New Delhi. India.		

CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006



ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
UNIVERSITY OF MYSORE

B.A. / B.Sc. (Hons.) Geography - Semester - III

Title of the Course: O.E- 3.1 Geography of India

Number of Theory Credits		Number of Theory hours	
3		60	
Course Learning Outcomes: 1. This is intended to ensure the Students of other discipline to gain geographical knowledge about India. 2. Prepare students to think geographically about our nation and to enhance the pride of our Nation.			
Course Objectives: 1. Have an understanding of the Physical, ecological, economic, demographic and cultural characteristics of our nation. 2. By that they can apply geographical knowledge and skills in deeper understanding of the Core Subjects.			
Unit	Content of Theory Course		60
Unit - 1	Physical Bases: Location, Size and Extent, Political Divisions; Relief Features-Northern Mountains, Northern Great Plain, The Peninsular Plateau and Coastal Plain and Islands; Climate: Seasons – Summer Season, South-West Monsoon, Retreating Monsoon Season, Winter Season; Drainage system- Rivers of North India, Rivers of South India; Vegetation - Types and Distribution- Afforestation programs;		15
Unit - 2	Irrigation and Agriculture: Irrigation: Need for Irrigation and Types; Agriculture: Significance and Types- Intensive and Extensive Farming, Subsistence and Mixed Farming; Major Crops- Production and Distribution : Rice, Wheat Cotton , Sugar cane and Tea; Development of Agriculture- Green Revolution;		15
Unit - 3	Minerals, Power and Industries: Mineral and Power Resources-Types and Significance; Production and Distribution: Iron Ore, Manganese; Production and Distribution: Coal, Petroleum, Hydro Electricity; Major industries- Iron and Steel, Cotton textile, Sugar.; Major industrial regions of India; Special Economic Zones		15
Unit - 4	Transport, Communication and Human Population: Roadways, Railways, Airways Waterways; Important Ports: Calcutta, Chennai, Mumbai and New Mangalore; Indian Space programmes; Growth of Population; Distribution and Density of Population; Population Composition – Sex Ratio, Literacy; Problems of Population		15
References: 1. Gopal Singh : Geography of India, Atmarama and Sons, New Delhi. 2. Hussain M,2014, Geography of India, Tata McGraw-Hill Education- New Delhi 3. ICAR: Cropping pattern in India,1974. 4. Mathur,S.M.: Physical Geology of India, NBT1991. 5. Ranganath : Regional and economic Geography of India (Kan.Ver) VidyanidhiPrakashana, Gadag,2020. 6. Mallppa P : Economic Geography of India (Kan. Ver.) K V Lalitha Publishers 7. Khullar D.R.2000, India a Comprehensive Geography ,Kalyani Publishers,Ludhiana. 8. Sharma T C,2012, Economic Geography of India, Rawath Publications, Delhi 9. Tiwari R.C 2006, Geography of India, Prayag Pustak Bhawan, Allahabad,			


CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006



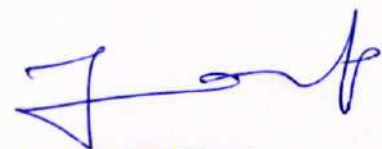
ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
UNIVERSITY OF MYSORE

B.A. / B.Sc. (Hons.) Geography - Semester - III

Title of the Course: O.E- 3.2 Application of GIS and Remote sensing		
Number of Theory Credits	Number of Theory hours	
3	60	
Course Learning Outcomes: <ol style="list-style-type: none">1. This is intended to ensure the Students of other discipline should understand fundamentals of remote sensing and Geographical Information system.2. Prepare students to think geographically and apply this knowledge to their respective field of enquiry for spatial and other kinds of planning.		
Course Objectives: <ol style="list-style-type: none">1. Have an understanding of the Geo-spatial tools and their significance and utilization.2. Utilize different tools and techniques of remote sensing and GIS for addressing various problems which are both natural and societal in nature.3. By that they can apply geographical knowledge and skills in deeper understanding of the Core Subjects.		
Unit	Content of Theory Course	Hours - 45
Unit - 1	Remote Sensing; Concept, Definition, Evolution of Remote Sensing, Process of Remote sensing, EMR; Wave length, Frequency, Electromagnetic Spectrum; Bands, Atmospheric window, Interaction of EMR with atmosphere and surface. Spectral signature.	10
Unit - 2	Remote Sensing Platforms, Orbit, Active and Passive Remote Sensing, Indian remote sensing satellites and launch vehicles; Application of Remote Sensing in Agriculture, Disaster management; Urban studies, Coastal management and EIA.	10
Unit - 3	Geographic information System; Definition, Development of GIS, Components of GIS, Data types; Spatial and Non-spatial data, Raster and Vector data models, Data Sources, errors, Data input methods; Manual and Automated.	15
Unit - 4	Data Analysis; Buffer Analysis and its applications, Overlay functions, Query, Network Analysis, GIS Applications in urban monitoring & planning, Disaster Mitigation, Forestry, Wetland monitoring.	10
References: <ol style="list-style-type: none">1. Lilles and Thomas M. & Kiefer Ralph: Remote Sensing and Image Interpretation Third Edition John Wiley2. Campbell John B.: Introduction to Remote Sensing Taylor & Francis3. Floyd F. Sabins : Remote Sensing and Principles and Image Interpretation4. George Joseph: Fundamentals of Remote Sensing; Universities Press India Pvt Ltd, Hyderabad, India5. Chang, Kang-Tsung (2006). Introduction to geographic information systems. Boston: McGraw-Hill Higher Education.6. Longley, P. A., Goodchild, M. F., Maguire, D. J., & Rhind, D. W. (2005). Geographic informationsystems and science. John Wiley & Sons.		

CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006

FOURTH SEMESTER



CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006



ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
UNIVERSITY OF MYSORE

B.A. / B.Sc. (Hons.) Geography - Semester - IV

Title of the Course: DSC.T- 4.1 India: Resources and Sustainability

Number of Theory Credits

4

Number of Theory hours

60

Course Learning Outcomes:

1. Students will learn about the physical setting of India.
2. Students will be familiarized with the water and Agricultural Resources of India and they will understand the importance of these resources in the national development and prosperity.
3. The students will be able to understand the factors affecting, location and distribution of Industries and different modes of Transport.

Course Objectives:

1. Understand the physical setting of India.
2. Study water and agricultural resources of India.
3. Study the nature of transport and communication, Industries and population growth.
4. Introduce how economic, cultural, and trade activities impact on the development

Unit	Content of Theory Course	Hours - 60
Unit - 1	Physical Setting: Location, Size and Extent. Major Physiographic Regions - Northern Mountains, Northern Great Plains, Peninsular Plateau and Coastal Plains and Islands) and their Characteristics; Climate: Seasonal Weather Characteristics, Climatic Zones. Mechanism and Characteristics of Indian Monsoons; Tropical Cyclones and Western Disturbances; Floods and Droughts; Drainage System; Soil: Types, Erosion and Conservation; Vegetation: Types, Distribution, Afforestation programs, National Parks, Wildlife Sanctuaries, and Biosphere reserves.	15
Unit - 2	Water and Agricultural Resources: Water resources of India, Surface and Groundwater, Water Demand and Utilization; Irrigation: Sources, Types and Intensity. Issues and Challenges: Water Resources Scarcity, Water Conservation and Management; Watershed Management, Rainwater Harvesting, Recycle and Reuse of water. Interlinking of Rivers, National Water Policies, National Water Mission; Command Area Development and Water Management. Central Water Commission and Water Tribunal and their role; Agriculture: Land Use and Cropping Pattern – Meaning and Concepts, Land Use and Cropping Pattern in India, Agro-climatic Regions, Green Revolution, Hunger Index and Malnutrition; Food security, Good Health and Wellbeing.	15
Unit - 3	Industries, Transportation and Communication: Locational factors of industries, Major Industrial Regions and their characteristics; Classification of Industries: Agro-based, Mineral-based, Forest-based and Animal-based industries; Special Economic Zones: Industrial / Economic Corridor; Transport & Communication: Significance, Growth and Development, Road ways, Railways, Waterways, Airways and Pipeline Networks; Communication: Means of Communication and their Significance; Assignment: Selecting a region students have to study the locational factors nearby industry and prepare a report.	15


CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006

Unit - 4	Human Resources: Growth, Distribution and Density of Population; Composition of Population: Age, Sex, Rural-Urban Population Composition; Migration: Meaning, Factors, Types, Causes and Consequences; Human Development in India: Measures, Levels of Development based on HDI; Field Study: Selecting a region / district students have to examine the levels of Human Development using HDI and prepare a report.	15
-----------------	---	-----------

References:

1. Majid Husain (2020) Geography of India, McGraw Hill Publishers
2. R.C. Tiwari (2016) Geography of India, Provolika Publications, Allahabad
3. D.R.Khullar (2019) India: A Comprehensive Geography ,Kalyani Publishers
4. R.L.Singh (1993) India: A Regional Geography, National Geographical Society of India, New Delhi.
5. Dr Deep Shikha (2016) Geography of India - A Text Book;
6. AlkaGautam (2009) Geography of India, Sharada pustak bhawan, University Road, Allahabad – UP.
7. Sharma TC & Coutinho O (2005) : Economic and Commercial geography of India, Vikas Publishing House Ltd., New Delhi-14
8. Pritivish Nag & Smita Sengupta (1992) Geography of India, Concept Publishing Company, New Delhi.
9. Ranganath (2007) Geography of India, Vidhyanidhi Prakashan, Station Road, Gadag-01



CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006



B.A. / B.Sc. (Hons.) Geography - Semester - IV

Title of the Course: DSC.P- 4.1 Representation of Indian Geographical features and Resources.		
Number of Practical Credits	Number of Practical hours	
2	60	
Course Learning Outcomes: <ol style="list-style-type: none">1. Understand holistically about the Geography of India and mapping Indian outline boundaries2. Interpret and apply the concepts on resource distribution of India and related economic activities3. Demonstrate the economic development through the connectivity of transport and communication.		
Course Objectives: <ol style="list-style-type: none">1. Understand the basics geographical setting of India2. Study physiographic divisions with drainage, soil and vegetation of India.3. Gets exact information regarding mechanism of monsoon and its impact.		
Unit	Content of Practical Course	Hours - 60
Exercise 1	Mapping exercises on Indian outline Map: International Boundaries, Mountain peaks, Passes, Glaciers and important Physical Divisions of India, Rivers, National Biospheres and National Parks, Dams and Reservoirs, Lakes and Water Bodies, Islands, National Waterways, Ports and Harbours, National High ways, Important Airports, Industrial Corridors, Important Coastal Zones and Beaches, Ecologically Sensitive areas, Important industrial zones, Special Economic Zones, Resource centres and Mining, Cultural Regions, Tribal Areas. Note: Each student is expected to complete at least 3 mapping exercises from the above topics which should cover brief description on: Location (Latitude and longitude, state, district, place,) geographic/environmental/ ecological/ political/ economic significance of the place/ location; Minimum 10 locations shall be involved in each exercise.	12
Exercise 2, 3	Mapping Temperature and Rainfall Distribution of India / Karnataka using Isopleth method.	10
Exercise 4, 5	Mapping of Agro-climatic zones of India, Flood Prone & Drought Prone Areas	10
Exercise 6,7	Mapping of Cropping Pattern and Crop intensity of India/ Karnataka. Weaver's Method, Bhatia's Method. Calculation and mapping of Irrigation intensity.	10
Exercise 8	Human Development Index: Concept, Calculation and Mapping	6
Exercise 9	Gender Development Index: Concept, Calculation and Mapping	6
Exercise 10	Human Poverty Index: Concept and Calculation and Mapping	6
Reference: <ol style="list-style-type: none">1. Hartshorne, T.A., & Alexander, J.W. (2010). Economic Geography. New Delhi: PHI Learning.2. Knox, P. Agnew, J. & Mc Carthy, L. (2008). The Geography of the World Economy. London: Hodder Arnold.3. Lloyd, P., & Dicken, B. (1972). Location in Space: A Theoretical Approach to Economic Geography. New York: Harper and Row.4. Siddhartha, K. (2000). Economic Geography: Theories, Process and Patterns, New Delhi: Kosalaya Publications.5. Smith, D.M. (1971). Industrial Location: An Economic Geographical Analysis, New York: John Wiley and Sons.		

CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006



ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
UNIVERSITY OF MYSORE

B.A. / B.Sc. (Hons.) Geography - Semester - IV

Title of the Course: O.E- 4.1 Geography of Karnataka

Number of Theory Credits	Number of Theory hours
3	45

Course Learning Outcomes:

1. Understand the physical, economic and socio-demographic aspects of Karnataka state in a broader sense.
2. Understand the resource base of the state i.e., forests, soils, minerals, water and climate, and its impact on the socio-demographic and economic development of different regions of Karnataka in terms of agriculture, industries, transportation and other fields of human activities.
3. Understand the development of irrigational projects and industrial projects and special Economic zones (SEZ's)

Course Objectives:

1. Understand the site and situation of Karnataka
2. Intellectual connect to the resources and economic activities of Karnataka
3. Assess demographic composition of Karnataka state

Unit	Content of Theory Course	Hours- 45
Unit - 1	Physical Background: Location, size and Administrative divisions; Physiographic Divisions: Coastal Regions, Malnad Regions and Maidan Regions; Weather and Climate: Seasons, Distribution of Rainfall and Temperature, Climatic regions, Drought prone areas in Karnataka; Drainage Systems: Major Drainage Systems in Karnataka. East flowing rivers and West flowing rivers. Natural Vegetation: Types of vegetation, Distribution of forests in Karnataka, Protection and Conservations. Reserve Forests and Protected Forests in Karnataka, National Parks and Bird Sanctuaries in Karnataka.	10
Unit - 2	Soil, irrigation and Agriculture: Soil: Types and Distribution, Regional Issues of Soil Quality and Management; Water Resources: Distribution of Water Resources, Irrigation – Sources of irrigation, Multipurpose River Valley Projects; River Water Disputes with the neighbouring states; Agriculture regions of Karnataka. Major Food Crops – Paddy, Ragi, Maize, Pulses; Commercial Corps – Cotton, Sugarcane, Tobacco, Coffee, Spices; Livestock and Fishing. Assignment: Students need to visit local fields and get to know how soil conservation plans are prepared and submit report	10
Unit - 3	Major Mineral resources of Karnataka and their Regionalization. Iron ore, Manganese, Gold, Bauxite; Energy Resources: Types and their Distributions. Conventional and Non-Conventional Sources; Industries: Textile Industries, Iron and Steel Industries, Sugar Industries. Industrial Regions and Special Economic Zones of Karnataka.	10
Unit - 4	Transport, Information & Communication Technology and Population Transportation: Types of Transportation, Distribution of Transportation; Growth and Distribution of Information Technology in Karnataka; Population Growth, Distribution and Density of Population. Population Composition – Sex Ratio, Literacy. Human Development in Karnataka (HDI)	15

CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
570006

References:

1. Ranganath (2015), Geography of Karnataka, Publisher: Mysore Book House
2. S.S.Nanjannavar (2016), Geography of Karnataka, Prabhu publications
3. R. N. Tikka (2002), Physical Geography
4. Misra R.P (1969) Geography of Mysore State
5. Sarmah Dipak (2019), Forest of Karnataka-A Panoramic View, Notion Press
6. Director, Census Reports Published by Govt. of Karnataka
7. Karnataka State Gazetteer Volume- I & II



CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006



B.A. / B.Sc. (Hons.) Geography - Semester - IV

Title of the Course: O.E- 4.2 Population and Settlement Geography		
Number of Theory Credits	Number of Theory hours	
3	60	
Course Learning Outcomes: <ol style="list-style-type: none">1. Understand the concepts of both Population and Settlement geography.2. Appreciate the man environment interplay which is expressed in different kinds and patterns in the distribution and density of population and Human settlements over space.3. Understand the Demographic dynamics like birth, Death and Migration of Population and its relation with settlement dynamics like settlement size, types and rural urban settlements and its issues.		
Course Objectives: <ol style="list-style-type: none">1. Introduce the basic concepts of Population Geography to the students.2. Introduce the basic concepts of Settlement Geography to the students.3. Bring the significance of Environment and society on Population dynamics and Mobility.4. Critically examine the nature of man-environment relation and interaction with reference to human settlement types and patterns.		
Unit	Content of Theory Course	Hours - 45
Unit - 1	Population Geography: Meaning, Definitions, Scope and nature of population geography; Global Population size and growth, Malthus Theory, Demographic Transition Theory; Over, Under and Optimum Population; Population Policies in the world – Social Wellbeing, Quality of Life	10
Unit - 2	Population Dynamics: Population Dynamics: Fertility – Measures and Distribution; Mortality – Measures and Distribution; Migration – Types, Causes and Consequences	15
Unit - 3	Settlement Geography: Meaning, Definitions, nature and importance of settlement Geography; Origin of settlement, influencing factors; Site and situation of settlement – Stable and Unstable settlement	10
Unit - 4	Classification of Settlements- Rural and Urban Settlements: Rural Settlement – Types, Pattern, Functions; Rural-Urban Continuum and Fringe; Urban Settlement - Definition of urban place, Hierarchy; Functional classification of towns, Concept of Urban morphology; Primate City, Rank Size Rule	10
References: <ol style="list-style-type: none">1. Alan Bowman and Andrew Wilson (2011), Settlement, Urbanization, and Population, Oxford University Press, UK.2. Chandna R.C (2011), Geography of Population, Kalyani publishers, Bangalore.3. Izzi Howell (2019), Population and Settlement Geography (Geographics), Franklin Watts, UK.4. John Pallister (2004), GCSE Geography: Human - Population and Settlement, Hodder Education Group, UK.5. Prithvish Nag, Debnath (2021), Population Geography, BharatiPrakashan, Bangalore.6. Rama Yagya Singh (1994), Geography of Settlement, Rawat Publications, Jaipur7. Sumita Ghosh (1998), Introduction to Settlement Geography, Orient Longman, Hyderabad.		

CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006

Four-Year
Undergraduate Multidisciplinary Programme (Honors) for
B.A/ B.Sc. Geography
(For Constituent and Affiliated Colleges under University of Mysore)

QUESTION PAPER PATTERN
(APPLICABLE FOR ALL SEMESTERS)

Paper Code:		Paper Name:	
Duration of Exam	2 Hours	Max Marks	60
Instruction:	Answer all the sections		

Section-A


Answer any FOUR of the following questions	(4X3=12)	Marks
1. 2. 3. 4. 5. 6.		

Section-B

Answer any THREE of the following questions	(3X6=18)	Marks
7. 8. 9. 10. 11.		

Section-C

Answer any THREE of the following questions	(3X10=30)	Marks
12. 13. 14. 15.		


CHAIRMAN
Board of Studies
Department of Studies in Geography
University of Mysore
Mysore-570006