

TUMAKUR UNIVERSITY

B.A. / B.Sc. (Geography) Degree (Basic / Honours with Research)

Scheme & Syllabus - NEP-2020 & CBCS

Semester	Course Code	Course Title	Teaching Hours	Hours / Week		Examination Pattern Max. & Min. Marks / Paper			Duration of the Exam (hours)	Total Marks / Paper	Credits
				Theory / Practical	Theory / Practical	Max.	Min.	IA			
									Theory / Practical		Theory / Practical
Third	DSC.T-3	Fundamentals of Human Geography	56	4	60	21	40	2	100	4	
	DSC.P-3	Techniques in Human Geography	56	4	25	9	25	2	50	2	
	OE-3.1	Geography of India	42	3	60	21	40	2	100	3	
	OE-3.2	Geography of Karnataka									
	L1-3.1	English	42	3	60	21	40	2	100	3	
	L2-3.2	Kannada / Hindi /	42	3	60	21	40	2	100	3	
	SEC.S-2	Artificial Intelligency	28	2	30	9	20	2	50	2	
	SEC.V-5		14	1			25	1	25	1	
	SEC.V-6		14	1			25	1	25	1	

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				Theory / Practical	Theory / Practical	Max.	Min.	IA			
									Theory / Practical		Theory / Practical
Fourth	DSC.T-4	Regional Geography of India	56	4	60	21	40	2	100	4	
	DSC.P-4	Representation of Geographical Features of India	56	4	25	9	25	2	50	2	
	OE-4.1	Geography of India	42	3	60	21	40	2	100	3	
	OE-4.2	Geography of Karnataka									
	L1-4.1	English	42	3	60	21	40	2	100	3	
	L2-4.2	Kannada / Hindi /	42	3	60	21	40	2	100	3	
	AECC-2	Constitution of India	28	2	30	9	20	2	50	2	
	SEC.V-7		14	1			25	1	25	1	
	SEC.V-8		14	1			25	1	25	1	

II-B.A. / B.Sc/BCOM		
Title of the Course: OE 3.1 Geography of India		
Number of theory Credits	Number of theory hours	
3	42	
Course Outcomes:		
After the completion of this course, students should be able to		
<ol style="list-style-type: none"> 1. Understanding holistically about the geography of India 2. Interpret and apply the concepts on resource distribution of India and related economic activities 3. Demonstrate the economic development through the connectivity of transport and communication 		
Course Objectives:		
The course aims to		
<ol style="list-style-type: none"> 1. Understand the basics geographical setting of India 2. Study physiographic divisions with drainage, soil and vegetation of India. 3. Gets exact information regarding mechanism of monsoon and its impact. 		
Content of Theory Course		42 h
Unit – 1	Physical Setting : 1.1 Location and Extension of India, 1.2 Physiographic divisions, 1.3 Climate, Drainage system, 1.4 Soil Types and its distribution, 1.5 Natural Vegetation. 1.6 Water Disputes: River Brahmaputra and Indus. 1.7 Geopolitical Issues: Indo-china, Indo-Pakistan.	01 02 02 01 01 02 01
Unit – 2	Irrigation and Agriculture: 2.1 Need for irrigation, types and distribution. Multipurpose river valley projects Significance of Agriculture, Types of farming. 2.3 Agro Climatic Regions of India 2.4 Agricultural Crops: Rice, Wheat, Sugarcane, cotton, Tea and Coffee. 2.4 Green Revolution, White Revolution, Blue revolution, Blue Revolution. 2.5 Assignment: Selecting a mining / quarrying / industrial region students have to study the locational factors and prepare a report.	02 02 01 01 02 02 02
Unit – 3	Minerals, Energy Resources and Industries: 3.1 Significance and locational factors. 3.2 Distribution of Iron ore, Manganese, Bauxite, Coal, Petrol. 3.3 Distribution and production of industries: Cotton Textile, Jute, Iron and Steel, Aluminum and Paper. 3.4 Special Economic Zones	02 01 04 01
Unit – 4	Transportation and Communication in Regional Development: 4.1 Roadways, Railway, airways waterways. 4.2 Ports and National Water Ways 4.3 Indian <i>Space</i> Programme. 4.4 Population: Growth, distribution, Structure and Density of Population. 4.5 Field Study: Selecting a region students have to carry out transportation system and prepare a report.	02 02 02 02 02

References

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2. AlkaGautam (2009) Geography of India, Sharada pustak bhawan, University Road, Allahabad – UP.
3. Sharma TC & Coutinho O (2005) : Economic and Commercial geography of India, Vikas Publishing House Ltd., New Delhi-14
4. Tiwari RC. (2008) Geography of India, Prayagpustak Bhavan, 20-A, University Road, Allahabad- UP
5. Pritivish Nag & Smita Sengupta (1992) Geography of India, Concept Publishing Company, New Delhi.
6. Ranganath (2007) Geography of India, Vidhyanidhi Prakashan, Station Road, Gadag-01.
7. PhaniDeka & Abani Bhagabati (1992) Geography: Economic and Regional, Wiley Eastern Limited, Ansari Road, Daryaganj, N. Delhi-01.
8. Majid Husain (2008): Geography of India, Tata Mc. Graw hill publishing co. Ltd. N. Delhi.
9. Singh R.L. (1971); India A Regional Geography, National Geographical Society of India, Varanasi, UP.
10. Jadish Sing (2003): India: A comprehensive systematic geography, Gyanodaya Prakashan Gorakhpur- UP.
11. Kalpana Rajaram (2012), Geography of India, Spectrum Books Pvt. Ltd
12. Y.I. Singh (2021), Geography of India, Global Net Publication

Websites:

1. <http://www.mapsofindia.com/geography/>
2. <https://agricoop.nic.in/en>
3. <https://www.resourcedata.org/dataset/rqi-ministry-of-minerals-energy-and-water-resources>
4. <https://dpiit.gov.in/>
5. <http://rfrfoundation.org/nadi-ko-jano/>
6. <https://jalshakti-ddws.gov.in/>

II B.A. / B.Sc./BCOM		
Title of the Course: OE- 4.1 Geography of Karnataka		
Number of Theory Credits	Number of Theory hours	
3	42	
Course Learning Outcomes:		
<p>After the completion of this course, students should be able to</p> <ol style="list-style-type: none"> 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 		
Course Objectives:		
<p>The course aims to</p> <ol style="list-style-type: none"> 1. To introduce geographical setting 2. To make students understand various physical and cultural features of Karnataka 3. To make students comprehend natural resources and their optimal use in the state 		
	Content of Theory Course	42 h
Unit – 1	<p>Introduction::</p> <p>1.1 Geographical Location, size and Administrative divisions. 02</p> <p>1.2 Coastal Regions, Western Ghats, Malanadu Regions and Maidana Regions of Karnataka. 02</p> <p>1.3 Weather and Climate: Seasons, Distribution of Rainfall and Temperature, Climatic regions, Drought prone areas in Karnataka. 02</p> <p>1.4 Drainage Systems: East flowing rivers and west flowing rivers. 02</p>	02
Unit – 2	<p>Soils, Natural Vegetation and Irrigation:</p> <p>2.1 Introduction, soil types and characteristics. 02</p> <p>2.2 Natural Vegetation: Types of vegetation, Distribution of forest in Karnataka, Protection and Conservations. Reserve Forest and Protected Forest in Karnataka, National Parks and Bird Sanctuaries in Karnataka. 03</p> <p>2.3 Irrigation: Importance, Distribution of water resources, Irrigations – sources of irrigation, multipurpose river valley projects. 02</p> <p>2.4 River Disputes in Karnataka and River Linkages. 01</p> <p>2.5 Assignment: Students need to visit local fields and get to know how soil conservation plans are prepared and submit report. 02</p>	02
Unit – 3	<p>Agriculture:</p> <p>3.1 Introduction, Agriculture regions of Karnataka. 02</p> <p>3.2 Major Food Crops – Paddy, Ragi, Maize, Wheat, Pulses. 02</p> <p>3.3 Commercial Corps – Cotton, Sugarcane, Tobacco, Coffee, Species, Mulberry crop. Fishing and Nomadic Herding. 03</p> <p>3.4 Energy Resources: Types, Importance and their distributions. 02</p> <p>3.5 Agro-climatic regions 01</p>	02
Unit –4	<p>Minerals:</p> <p>4.1 Gold, Iron, Manganese, Lime Stone. 02</p> <p>4.2 Industries: Sugar Industries, Silk Industries, Iron and Steel Industries, Cotton Industries, IT and BT Industries. 02</p>	02

	<p>4.3 Industrial Policies of Karnataka.</p> <p>4.4 Transportation: Types of Transportation, Distribution of Transportation.</p> <p>4.5 Population: Distribution of Population, Sex ratio, Literacy. Tourism: Potential zones, ecotourism and tourism development.</p> <p>4.6 Field Study: Students need to observe and prepare report regarding local industries and their role development of the region.</p>	<p>02</p> <p>02</p> <p>02</p> <p>02</p>
<p>References</p> <ol style="list-style-type: none"> 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 Paronomic View, Notion Press 6. Director, Census Reports Published by Govt. of Karnataka 7. Karnataka State Gazetteer Volume- I & II <p>Websites:</p> <ol style="list-style-type: none"> 1. https://ksrsac.karnataka.gov.in/ 2. https://ksdma.karnataka.gov.in/english 3. https://raitamitra.karnataka.gov.in/english 4. https://www.karnatakaturism.org/tourism-department/ 		