

MANGALORE UNIVERSITY
MSc Geography

ELECTIVE COURSE: GYE 506: Geography of India

Course learning outcome:

- CO1. Identify major physiographic divisions of India
- CO2. Evaluate climate change scenarios and their impacts
- CO3. Analyze the agriculture development of India.
- CO4. Analyze distribution of mineral resource in India
- CO5. Apply conceptual and theoretical measures to coastal management

Unit 1: Physical Setting of India: Location, Physiographic Divisions, Natural Drainage Systems and their Distribution. Climate: seasons & climatic regions. Soils: Types, Distribution, Erosion and Conservation. Natural Vegetation: Types and Distribution, Degradation and Conservation. -

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Unit2: Agriculture: Major Agricultural Crops: Rice, Wheat, Cotton, Sugarcane, Maize, Jowar, Tea, Coffee, Rubber, Mulberry Crops. Green Revolution in India, and Food Security in India. Irrigation: Major River Projects. -13

Unit 3: Distribution, production and trade of important Minerals & Power resources: Iron Ore, Manganese, Mica, Copper, Bauxite, Coal, Petroleum, Natural Gas, Atomic Energy, Hydral and Thermal Power. Growth, Development and Distribution of Major Industries: Iron & Steel, Engineering, Cement, Paper, Fertilizers, Cotton Textiles, Silk, Knowledge-based Industries: Compu. Industrial Regions of India. -14

Unit 4: Growth & Development of Transportation Transport System: Roads, Railways, Airways and Inland Water. Population: Growth and Distribution, Composition and Density, Literacy, Sex Ratio, Fertility & Mortality & Health Services. -13

References:

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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, Prayag pustak Bhavan, 20-A, University Road, Allahabad- UP
5. Pritivish Nag & Smita sengupta (1992) Geography of India, Concept Publishing Company, New Delhi – 59.

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10. Jadish Sing (2003): India: A comprehensive systematic geography, Gyanodaya Prakashan Gorakhapur- UP.
11. India: Year Books- 2005-2010.
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