

## OPEN ELECTIVE COURSE:

### GYE 456: Geography of India (With special reference to Karnataka)

#### Course learning outcome:

- CO1. Identify major physiographic divisions of India and Karnataka state.
- 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.

Units	Course Content	Teaching Hours
1	<b>Physical Setting of India and Karnataka:</b> 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.	14
2	<b>Agriculture:</b> 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
3	<b>Mineral Resources:</b> 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: Industrial Regions of India	14

#### References:

1. Khullar DR. (2009): India: A Comprehensive Geography, kalyani Publishes, New Delhi, Hyderabad, Kolkata.
2. Alka Gautam (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, Prayag pustak Bhavan, 20-A, University Road, Allahabad- UP
5. Pritivish Nag & Smita sengupta (1992): Geography of India, Concept Publishing Company, New Delhi – 59.
6. Ranganath (2007): Geography of India, Vidhyanidhi Prakashan, Station Road, Gadag-01.
7. Phani Deka & 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. New 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.