

XII-GEOGRAPHY(CODE NO. 029)

April/May: Population-distribution, density and growth

Population change-spatial patterns and structure; determinants of population change;

Age-sex ratio; rural-urban composition; Human development - concept; selected indicators, international comparisons.

Primary activities - concept and changing trends; gathering, pastoral, mining, subsistence agriculture, modern agriculture; people engaged in agricultural and allied activities - some examples from selected countries.

June & July: Secondary activities-concept; manufacturing: types - household, small scale, large scale; agro based and mineral based industries; people engaged in secondary activities - some examples from selected countries.

Quaternary activities-concept; people engaged in quaternary activities - case study from selected countries.

Tertiary activities: Tertiary activities-concept; trade, transport and tourism; services; people engaged in tertiary activities - some examples from selected countries

August: Transport, Communication and Trade & Human Settlements, Land transport - roads, railways; trans-continental railways. Water transport- inland waterways; major ocean routes.

Air transport- Intercontinental air routes. Oil and gas pipelines.

Satellite communication and cyber space- Importance and usage for geographical information; use of GPS. International trade-Bases and changing patterns; ports as gateways of international trade, role of WTO in International trade.

OCEAN: National rights and international treaties.

Human Settlements - rural and urban – types & distribution, problems of human settlements.

Practical: UNIT 1: Processing of data & Thematic Mapping.

September: Population, Migration, Human development, Human Settlements- Population : distribution, density and growth; composition of population - linguistic, religious; sex, rural-urban and occupational-regional variations in growth of population.

Migration: international, national-causes and consequences.

Human development: selected indicators and regional patterns.

Urban & Rural settlements - types and distribution

October: Resources and Development : Land resources- general land use; agricultural land use, Geographical conditions and distribution of major crops (Wheat, Rice, Tea, Coffee, Cotton, Jute, Sugarcane and Rubber), agricultural development and problems.

• Water resources-availability and utilization-irrigation, domestic, industrial and other uses; scarcity of water and conservation methods-rain water harvesting and watershed management (one case study related with participatory watershed management to be introduced).

Practical: UNIT 2: Field Study or Information Technology

November: Mineral and energy resources- distribution of metallic (Iron ore, Copper, Bauxite, Manganese); nonmetallic (Mica, Salt) minerals; conventional (Coal, Petroleum, Natural gas and Hydroelectricity) and non-conventional energy sources (solar, wind, biogas) and conservation.

• Industries - types, factors of industrial location; distribution and changing pattern of selected industries iron and steel, cotton textiles, sugar, petrochemicals, and knowledge based industries; impact of liberalization, privatization and globalization on industrial location; industrial clusters.

• Planning in India- target group area planning (case study); idea of sustainable development (case study)

December: Transport, Communication and International Trade

Transport and communication-roads, railways, waterways and airways: oil and gas pipelines; Geographical information and communication networks. International trade- changing pattern of India's foreign trade; sea ports and their hinterland and airports.

January: Revision of Full Course.