

# **VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT**

## **T.Y. B.A.**

### **DEVELOPMENT AND ENVIRONMENTAL ECONOMICS PAPER II**

#### **Module I : DEVELOPMENT AND GROWTH**

Economics of growth and development – Factors affecting economic growth –capital, labour and technology; neutral technical progress of Hicks, Harrod, Production function approach to the sources of growth.

#### **Module II : ECONOMIC DEVELOPMENT, POPULATION AND INSTITUTIONS**

Development and underdevelopment – perpetuation of underdevelopment Poverty – Absolute and relative; Measuring development and developmental gap – Per capita income, inequality of income and wealth, human development index and other indices of development and quality of life; concept of intellectual capital; food security, education, health and nutrition – human resource development – population problem and growth pattern of population; theory of demographic transition; market failure; state and state failure; issues of good governance.

#### **Module-III : APPROACHES TO ECONOMIC DEVELOPMENT**

Practical theories of growth and development – vicious circle of poverty, circular causation, unlimited supply of labour, big push, balance growth, unbalanced growth, critical minimum effort thesis, low income equilibrium trap –Dualism – Lewis theory – Stages of Economic Growth.

#### **Module-IV : SECTORAL VIEW OF DEVELOPMENT**

Role of Agriculture in economic development; efficiency and productivity in Agriculture; new technology and sustainable Agriculture; Globalization and Agriculture Growth; Rationale and pattern of industrialization in developing countries; the choice of technique and appropriate technology and employment; Efficiency of small scale v/s. large scale production; Terms of trade between Agriculture and industry; infrastructure and its importance; Tertiary sector and its importance.

#### **Module-V : MACRO ECONOMIC POLICY AND DEVELOPMENT**

Role of monetary and fiscal policies in developing countries; external resources; FDI; Aid v/s. Trade; Technology in flow; MNC activity in developing countries; IMF and World Bank policies in development countries.

#### **Module-VI : ENVIRONMENTAL AND ECOLOGY**

Environment human activity and development, causes and effects of environmental degradation of land water, forest and natural resources, effects of environment, ecosystem, atmosphere, green house effects and global warming, impacts of development – livestock, agriculture river valley project, mining, thermal power, transportation and environment pollution, pollution from energy use, effects on health, land, water and air, pollution

preservation, control and abatement, legal institution and instrument; command and control v/s market based instruments of pollution control system in India, legislation; standards and environment; concepts and indicators of sustainable development, environmental communication, education and awareness, natural resource management-WTO, social clause and environment.

### **Modules-VII : POLLUTION CONTROL**

Prevention, control and abatement of pollution – environmental protection policy; choice of policy instrument in developing countries, environmental legislation, indicators of sustainable development, environmental accounting and social responsibility of industry.

### **References:**

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13. Maler K.G (1997) Environment, Poverty in Economic Growth- Annual World Bank Conference on Development Economics, World Bank, Washington D.C
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17. Bardhan Pranab, Development and Micro Economics, Oxford University Press
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