

SYLLABUS :-

Prerequisites: HS20001/HS20005 Introduction; Economy-environment Interaction; The Material Balance Principle, Entropy Law; Market failure, Property Rights, Open Access Resources, Collective Action; Long Term Views of Economic Activities and the Environment Limits to Growth, Optimistic View/Sustainability; Capital Theory and Discount Rates; Environmental Issues in India: Sources and Types of Pollution (Air, Water, Solid Waste, Noise, Land Degradation); Causes and Effects of Environmental Degradation, Urban and Rural Environmental Problems; Energy-Environment Interaction; Economics of Pollution Control and Pollution Policy Targets and Instruments: The Efficient Level of Pollution; Incentive-Based Strategies: Taxes and Subsidies; Command and Control Strategies: Ambient Environmental Quality Standard, Emission Standard, Technology Standard; Environment-Development Trade-off: Relation between Development and Environment Stress; Environmental Kuznets Curve, Concept of Sustainable Development; Indicators of Sustainability; Various Approaches for Environmental Accounting.