

M.Sc. Green Technology**SEMESTER - 1**

Paper No	Subject	Contents Of Syllabus
Paper - I	INTRODUCTION TO GREEN SCIENCE & TECH - I	Understanding Environmental and Sustainable Development Ecology and Environment for Sustainable Development Green Science for Pollution Control
Paper - II	GREEN TECHNOLOGY DIMENSIONS - I	Elements and Dimensions of Green Technology Environmental Impact Assessment (EIA) for Sustainability Environment Management and Sustainable Development
Paper - III	GREEN ENERGY TECHNOLOGIES - I	Green Energy Sources and Technologies *Soft Energy Path: Soft vs Hard *Composting: Importance and approaches *Organic Compounds: Distribution and use of Composts Commercially Available Vermicomposting Systems
Paper -IV	ENVIRONMENTAL SUSTAINABILITY - I	Environmental Movements Environmental Vigilantism Ecodynamics of System Operation
Paper - V	CORPORATE ENVIRONMENTAL RESPONSIBILITY - I	Environmental Responsibility of Corporate Management Corporate Environmental Liability Environmental Policies

SEMESTER - 2

Paper No	Subject	Contents Of Syllabus
Paper - I	INTRODUCTION TO GREEN SCIENCE & TECH - II	Ozone Depletion Dangerous Goods
Paper - II	GREEN TECHNOLOGY DIMENSIONS - II	Poverty and Environmental Degradation Relationship Earth Summit and Agenda 21 Customer's Role and Responsibility in Environmental Management
Paper - III	GREEN ENERGY TECHNOLOGIES - II	Compressed-Air vehicles: Advantages & Disadvantages of Compressed-air Vehicles Advantages & Disadvantages of air powered Vehicle Models of Compressed Air cars Alkaline Fuel Cell Solar Energy: Applications of Solar Energy Technology
Paper -IV	ENVIRONMENTAL SUSTAINABILITY - II	Role of State Governments in Environmental Protection Globalisation and Sustainable Development The Decade and Beyond
Paper - V	CORPORATE ENVIRONMENTAL RESPONSIBILITY - II	Eco-Efficiency and Cleaner Production Industry Guidelines for Environmental Protection

SEMESTER - 3

Paper No	Subject	Contents Of Syllabus
Paper - I	GREEN TECHNOLOGICAL APPLICATIONS - I	Environmentally Sustainable Science and –Technology Global Climate Change management
Paper - II	GREEN LAWS COMPLIANCE - I	Contemporary Global Industrial Technology Industry Environmental Compliance Training Manual UNEP: 1996 (i)
Paper - III	GREEN CONVENTIONS - I	What are Green Conventions World Summit for Sustainable Development Environment Centric Business Management in Europe
Paper -IV	CASE STUDIES IN GREEN TECHNOLOGY - I	Case Study on Chicago Centre for Green Technology Case Study on Centre for Environmental Biotechnology Case Study for Testing Water Case Study on Phytoremediation for using Plants to Clean up Polluted Soil

SEMESTER - 4

Paper No	Subject	Contents Of Syllabus
Paper - I	GREEN TECHNOLOGICAL APPLICATIONS - II	Green Science and Technology Applications Chemical Fertilizers and Water Pollution
Paper - II	GREEN LAWS COMPLIANCE - II	Industry Environmental Compliance Training Manual UNEP: 1996 Environmental Performance Indicators Created for Bay Area: Business Best Practices (ii)
Paper - III	GREEN CONVENTIONS - II	WSSD: Creating an Enabling Environment WSSD: Designing Priority Areas
Paper -IV	CASE STUDIES IN GREEN TECHNOLOGY - II	Aspects of Green Technology Emerging Green Technologies Case Study on Bioheap- A Bioleaching Process for Nickel Extraction A Look to the Future
Paper - V	Dissertation	