

Name of college:- P.G.G.C.W Jind
Name of Teacher:- Satish Kumar
Month:- July to November
Class:- B.A-1st, B.Sc.-I, BCA-I

Subject:- Environmental
Studies

Month	Topic
July 2024	Unit-I:- Definition, scope and importance of the Environment Subjects. The Multidisciplinary nature of Environmental studies subject. Concept of Sustainability and Sustainable development. Definition, Structure and function of ecosystem. Energy flow in ecosystem
August 2024	Food chains and Food webs Major ecosystem: Forest Ecosystem, Grassland Ecosystem, Desert Ecosystem and aquatic like lakes, rivers and Oceans. Unit-II:- Natural Resources:- Renewable and Non-renewable resources: Land Resources, Land degradation and Soil erosion. Forest Resources: Importance of forests, deforestation: Causes and impact on environment. Water Resource: use of and over exploitation of surface and ground water, Renewable and Non-Renewable energy sources.

Month	Topic
September 2024	Bio-diversity and its Conservation: Definition and its types. Endangered and endemic species of India, Threats to biodiversity, Habitat loss, Poaching of Wildlife, Wildlife conflicts biological invasion. Bio-diversity and its Conservation: Definition and its types. Endangered Conservation of biodiversity: In situ and Ex situ Conservation of diversity. Ecosystem and biodiversity sources, Ecological, economic, social, ethical aesthetic and Informational values.
October 2024	Unit- III : Environmental Pollution Types, Causes, effects and Control of Air, Water, Soil and Noise pollution. Solid waste management. Sources, methods of disposal Landfill. Climate change Global warming, ozone layer depletion, acid rain and Impacts of human communities and aquatic agriculture. Environmental Policies and practises: Environment Laws. Protection Act 1986, Air (Prevention) and Control of Pollution Act 1981, Water (Prevention and Control of Pollution) Act 1974.
November 2024	Unit- IV - Human Communities and Environment. Human Population growth: Impacts on Nature. Resettlement and Rehabilitation