

**PROGRAM AND COURSE OUTCOME OF  
THE DEPARTMENT OF ENVIRONMENTAL SCIENCES  
SCHOOL OF LIFE SCIENCE**

NAME OF PROGRAM	PROGRAM OUTCOME	PROGRAM SPECIFIC OUTCOME	NAME OF COURSE	COURSE OUTCOME
<b>SEMESTER I</b>				
<b>Advance P G Diploma in Environmental Economics</b>	Course designed for the better understanding of environmental procedures and evaluation of natural resources and environmental assets, identification of economic and ecological impact on society, development of best-practices for environmental conservation and management	Trained and develop skill of post- graduates' students for industries and other task related to environmental management and safeguarding	1. Fundamental of Environmental Sciences	Basic knowledge of environment and its interaction with human, study of various ecosystems, establishment and structure of communities, study of meteorological parameters
			2. Natural Resources Management and Sustainable Development	Principles of different components of environmental sciences and management, approaches/ methods/ best practices for natural resources management/biodiversity conservation and sustainable development
			3. Environmental Impact and Risk Assessment and Environmental Auditing	Basic concepts and overview and methodology of EIA, Assessment of risk related to natural ecosystem, monitoring and auditing of environmental and developmental projects
			4. Energy Resources and their Development	Study of various renewable and non-renewable energy resources and their sustainable utilization and management
			5. Lab Course - I	Basic practical work or field study related to ecosystem and environment
			6. Lab Course - II	Lab oriented work related to introduction of energy resources, techniques and sound utilization and practices

				for environmental management
<b>SEMESTER II</b>				
			1. Environmental Economics and Environmental Sociology	Concept of environmental economics, environmental sociology and environmental ethics, methods and application of economic evaluation, tools and techniques
			2. Green Business, IPRs and International Agreements	Understanding of IPRs and patents, Green techniques, international agreements related to environment, applied environmental economics
			3. Lab Course - III	Inventory and survey of natural resources, Economic valuation, Traditional knowledge and environmental movements, understanding of environmental rules and regulations, IPRs and Patents
			4. Environmental Management, Laws and Policies	Environmental management practices, national and international efforts for environmental protection, various laws and policies related to environment
			5. Dissertation	Collection and analysis of data for study of any environment problem or aspect and its possible solution for management and socio-economic development
			6. Disaster Management	Understandings of various natural and man-made disasters, vulnerability analysis, disaster risk assessment and disaster risk reduction (DRR).