



7.2 BEST PRACTICE II SAAKALYA

List of courses offered in the UG and PG curriculum related to Environment and sustainability (ES)

SI No	Course Code	Name of the course	Issue addressed	Description of the course	Link to the relevant document
1	ML5CRT05	Paristhithivikjanavum Manushyavakasa Padanavum	ES&HV	To get awareness about Human life in relation with environment	View
2	PH5CRT08	Environmental Physics and Human Rights	HV & ES	To develop the sense of awareness among the students about the environment and its various problems. To help the students in realizing the inter-relationship between man and environment. To develop awareness on basic human rights.	View
3	ZL010102	Evolutionary Biology and Ethology	PE, HV, ES	To describe the concept of relatedness and its connection to biological evolution	View
4	ZL010105	PRACTICAL 1 Animal Diversity: Evolutionary, Ethological and Biochemical methods & Approaches	PE, G, HV, ES	To study different species of vertebrates and Invertebrates and their phylogenetic, morphological, ecological and pathological significance.	View
5	ZL010201	Field Ecology	ES, PE	To provide the knowledge of animal adaptations to a variety of environment	View
6	ZL010204	Microbiology and Biotechnology	PE, HV, ES	To provide an overview of the microbial world, its structure and function	View



7	ZL010205	Diversity of Life: Ecological, Embryological, Hereditary and Microbial Methods and Approaches	PE, G, HV, ES	To analyze various physicochemical parameters in environmental matrices.	View
8	ZL010301	Animal Physiology	HV, PE, G, ES	To study and compare the functioning of organ systems across the animal world	View
9	ZL010302	Cell and Molecular Biology	HV, PE, G, ES	To help study the structural and functional details of the basic unit of life at the molecular level	View
10	ZL010303	Biophysics, Instrumentation and Biological Techniques	HV, PE, ES	To understand the biological system and processes based on physical principles	View
11	ZL010304	Immunology	HV, PE, G, ES	To provide an intensive and in-depth knowledge to the students in immunology	View
12	ZL010305	Molecular, Physiological and Immunological Methods and Approaches in Biosciences	PE, G, HV, ES	To describe the fine structure and functions of cell organelles.	View
13	ZL810401	Environmental Science: Concepts and Approaches	ES	To provide a broad and deep understanding on environment and influence of man on environment	View
14	ZL810402	Environmental Pollution and Toxicology	ES	To provide a broad and deep understanding on environmental pollution	View
15	ZL810403	Environmental Management and Development	ES	To provide a broad and deep understanding on environmental management studies	View
16	ZL810404	Practical : Environmental Science	PE, G, HV, ES	To analyze various physicochemical parameters in environmental matrices.	View



17	EC010304	Environment Economics	ES	This course examines the economics behind environmental issues and problems and policies designed to address them. Topics are focused on the valuation of non-market goods, cost- benefit analysis, correcting market failures especially in the provision of public goods, the tragedy of the commons, and climate change.	View
18	CO5CRT15	Environment Management & Human Rights	ES	To create a awareness regarding natural resources, environmental aspect and management, legislations involved and also provide an awareness on human rights	View
19	BA5CRT23	Environment Science and Human Rights	ES	To create an awareness regarding natural resources, environmental aspects of management, legislations involved and provide awareness on human rights.	View
20	BO5CRT08	Environmental sciences and Human Rights	ES	Acquaint the student with the significance of Environmental Science. Help the student to design novel mechanisms for the sustainable utilization of natural resources Make the students aware about various human rights.	View
21	BY010304	Environmental science	ES	Make the students aware about the extent of the total biodiversity and the importance of their conservation. Enable the students to understand various	View



				kinds of pollution in the environment, their impacts on the ecosystem and their control measures	
22	BY820401	Basic concepts in environmental studies	ES	Acquaint the student with the significance of Environmental Science. Enable the students to understand the structure and function of the ecosystems.	View
23	BY820402	Natural resources and their management	ES	Acquaint the student with the significance of Environmental Science. Make the students aware about the various natural resources.	View
24	BY820403	Environmental monitoring and management	ES	Acquaint the student with the significance of Environmental Science. Make the students aware about various environmental laws in India.	View
25	CH5CRT05	Environment, Ecology And Human Rights	ES & HV	Environmental awareness is to understand the fragility and sensitivity of our environment, in particular the biosphere and the importance of its protection.	View
26	EN2CCT03	Issues that matter	G HV & ES	It identifies and enables discussion over contemporary issues like gender equality and environmental issues	View
27	EN5CREN T01	Environmental science and human rights	ES	Environmental Education encourages students to research, investigate how and why things happen, and make their own decisions about complex environmental issues by developing and enhancing critical and creative thinking skills.	View



28	CO5CRT15	Environment management & Human Rights	ES & HV	To create awareness regarding natural resources environmental aspects & management & legislations involved. To provide an awareness on Human Rights.	View
29	CM010101	Specialized Accounting	ES	To have an understanding on Green accounting concept, scope & significance	View
30	CO5CRT15	Environment Management & Human Rights	HV & ES	To create an awareness regarding natural resources, environmental aspects of management, legislations involved and provide awareness on human rights	View
31	MM5CRT08	Human Rights and Mathematics for Environmental Studies	HV & ES	Environmental Education encourages students to research, investigate how and why things happen, and make their own decisions about complex environmental issues. By developing and enhancing critical and creative thinking skills. It helps to foster a new generation of informed consumers, workers, as well as policy or decision makers.	View

Where, PE - Professional ethics, G –Gender, HV- Human Values, ES - Environment and sustainability