GANPAT UNIVERSITY									
FACULTY OF SOCIAL SCIENCES AND HUMANITIES									
Programme	Bachelor of Arts					Branch/Spec.	Psychology		
Semester	III					Version	1.0.0.0		
Effective from Academic Year			2026-27			Effective for the Batch admitted in			July 2025
Course Code	BAEC204		Course Name			Environmental Studies			
Teaching Scheme						Examination Scheme (Marks)			
(Per week)	Lecture (DT)		Practical (Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	02	00	00	00	02	Theory	25	25	50
Hours	02	00	00	00	02	Practical	00	00	00

Pre-requisites
Students should have basic knowledge of environments.
Course Objective:
The purpose of the course is to create awareness about environmental problems among people and impart basic knowledge about the environment and its allied problems.
Course Outcomes
On successful completion of the course, the students will be able to:

CO1	Understand basics of ecosystem with its usage.
CO2	Get ideas of environmental resources and their conservation.
CO3	Identify social issues and their effect on the environment.
CO4	Get knowledge of environmental impact on human population.

Theory Syllabus

Unit	Content	Hrs.
1	**Introduction to Environmental Studies, Ecosystem and Environmental Resources** Definition, scope and importance of Environmental Studies. Characteristic and Features of Forest Ecosystem, Grassland Ecosystem, Desert Ecosystem and Aquatic Ecosystem. Renewable and non-renewable resources (Forest, Water, Mineral, Food, Energy and Land Resources), Role of an individual in conservation of natural resources.	15
2	**Social Issues and Human Population in line of Environmental Studies** Social Issues: From Unsustainable to Sustainable development, Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Human Population: Population growth, variation among nations, Population explosion, Family Welfare Program, Environment and human health, Human Rights.	15

Exam: Theory 100%, Numerical 0%
Practical Content
Practical, assignments and tutorials are based on above syllabus.
Text Books

1	Erach Bharucha for University Grant Commission for Undergraduate Courses of All Branches of Higer Education, Mapin Publishing Pvt. Ltd.

Reference Books	
1	Agarwal, K.C. 2001 Environmental Biology, Nidi Publ. Ltd. Bikaner.
2	Odum, E. P., Barrett G., W., 2011, Fundamentals of Ecology, 5ed., Cengage Learning
3	Sharma, P. D., 2011. Ecology and Environment, Rastogi Publications
4	Brunner R.C., 1989, Hazardous Waste Incineration, McGraw Hill Inc. 480p
5	Clark R.S., Marine Pollution, Clanderson Press Oxford (TB)
6	Cunningham, W.P. Cooper, T.H. Gorhani, E & Hepworth, M.T. 2001,
7	Environmental Encyclopedia, Jaico Publ. House, Mumabai, 1196p De A.K., Environmental Chemistry, Wiley Eastern Ltd.
8	Gleick, H.P. 1993. Water in crisis, Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute Oxford Univ. Press. 473p

ICT/MOOCs Reference	
1	https://onlinecourses.swayam2.ac.in/cec25_es01/preview(Environmental Studies-By Dr. Monica Jain)
2	https://www.youtube.com/watch?v=cd5UEoGb-5k

Mapping of CO with PO and PSO:

Course Outcome (CO) No.	PO-CO Mapping								PSO-CO Mapping					
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	1	2	1	1	1	1	1	1	1	1	1	1	1
CO2	3	1	3	1	2	2	1	2	1	1	2	2	1	2
CO3	3	2	3	2	1	2	1	2	1	1	3	3	1	3
CO4	3	1	3	1	2	2	1	3	1	2	3	3	2	3