

PROGRAM	Bachelors Of Commerce / Bachelors Of Commerce(Hons)
SEMESTER	II
COURSE TITLE	Environmental Studies
COURSE CODE	04BC0206
COURSE CREDITS	02
COURSE DURATION	24 Hrs (24 sessions of 60 minutes each)

COURSE OUTCOMES:

- Understand and realize the multidisciplinary nature of Environment & its components.
- Know the importance of natural resources for the sustainable development of life.
- Understand the effect of growing population on the Environment.
- Classify the different types of pollution and measure to control pollution
- Learn about the Environmental issues faced globally and various steps taken globally to solve such Environmental issues.

Teaching and Examination Scheme

Teaching Scheme (Hours)			Credits	Internal Marks (50%)		End-Semester Examination (50%)			Total Marks
Theory	Tutorial	Practical		IA	CSE	Theory	Practical/Viva	Term Work (TW)	
2	0	0	2	30	20	50	0	0	100

Course Contents:

Unit No	Unit / Sub Unit	Sessions
I	Introduction and Ecology Introduction to Environment, Ecology, Ecosystem Population and Environment Factors Affecting Human Settlement, Define Over Population & Explain the Cause, Effect on Environment & Control of it, Methods of Population forecasting Governmental bodies for Environmental protection	08
II	Environmental Resources Forest resources, Energy resources, Water Resources and Land Resources Environmental Pollution Water pollution, Air & Noise Pollution, Environmental sinks,	12

	solid and hazardous waste, E-waste & Biomedical waste, Introduction to Green chemistry.	
III	Global Environmental Issues Green house Effect, Global warming, ozone layer depletion, Climate change, Acid Rain, Global Efforts to control issues	04

SUGGESTED READINGS:

Text Books:

Sr. No	Author/s	Name of the Book	Publisher	Edition & Year of Publication
T-01	Erach Bharucha	Environmental Studies	Universities Press (India) Private Ltd, Hyderabad	2 nd Edition, 2013
T-02	Prof Dr N S Varandani	Basics of Environmental Studies	LAP -Lambert Academic Publishing, Germany	2013
T-03	Deeksha Dave & S S Kateva	Environmental Studies	Cengage Publishers	

Reference Books:

Sr. No	Author/s	Name of the Book	Publisher	Edition and Year of Publication
R-01	Anindita Basak	Environmental Studies	Driling Kindersley(India)Pvt. Ltd Pearson	2009
R-02	Daniel B Botkin & Edward A Keller	Environmental Sciences	John Wiley & Sons	
R-03	R. Rajagopalan,	Environmental Studies	Oxford University Press	
R-04	Benny Joseph,	Environmental Studies	TMH publishers	
R-05	Dr. Suresh K Dhameja,	Environmental Studies	S K Kataria & Sons New Delhi	2007