



Bhavan's Vivekananda College

of Science, Humanities and Commerce

Autonomous – Affiliated to Osmania University

Program: BCA II Year Course Title (paper title): Environmental Studies II (Semester IV)

Name of the faculty: Ms. Nargis Shair Ali		Department: Languages		Year/Semester: II year IV Sem. (2018 - 19)		No. of classes per week: 4	
Learning objectives: To create awareness on preserving environment for sustainable future and protect eco-system, bio-diversity and natural resources against depletion and pollution through practical application.							
S. No	Month Week	Unit	Syllabus	Additional Input/Value Addition	Teaching Method	Student/ Learning Activity	
1	Nov /II	I	Definition, scope and importance of Environment Studies.	To highlight the impact of human activity on the environment.	Chalk and Board	Students will understand the importance and scope of environment studies. Brainstorming session	
	III	II	Structure of ecosystem- Abiotic and Biotic components, food chain, food web, ecological pyramids. Functions- energy flow in the ecosystem.	To bring awareness about preserving the eco-system for a sustainable future.	Chalk and Board	Students will become alert and responsive in preserving the eco-system.	
	IV	II	Structure of ecosystem- Abiotic and Biotic components, food chain, food web, ecological pyramids. Functions- energy flow in the ecosystem.			Oral presentation	
2.	Dec/I	III	Biodiversity- Definition, Genetic species and Ecosystem Diversity- Hotspot of Biodiversity- threats and conservation of biodiversity.	Understanding the need to prioritize the preservation of the intricate bio-diversity.	Explanation method	Students will be aware of the need to preserve species and genetic bio-diversity.	
		II	Biodiversity- Definition, Genetic species and Ecosystem Diversity- Hotspot of Biodiversity- threats and conservation of biodiversity.			Open Discussion	
		III	Natural resources- Renewable and non-renewable.	The need to understand that over exploitation of earth resources should be curbed	Discussion method	Students will become more cognizant/wiser in the use of earth's resources.	
		IV	Natural resources- Renewable and non-renewable.			Assignment/Project work	

3.	Jan/I	V	Water conservation, rainwater harvesting and watershed management.	Urgent need to put into practice a workable system to conserve water.	Chalk and Board	Students will come up with various ideas to conserve water which is of utmost importance. Poster Presentation
	II	V	Water conservation, rainwater harvesting and watershed management.			
	III	VI	Environmental pollution- Causer, effects and measure for prevention. Global warming and Ozone layer depletion.			
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4.	Feb/I	VII	Environmental policies and practices- Disaster management. Environmental legislation-(a) Wildlife Protection Act, (b) Forest Act, (c) Water Act, (d) Air Act.	Create awareness that environmental legislation is of global importance.	Explanation	Students will become aware that there are legal consequences to exploiting the environment.
	II	VII	Environmental policies and practices- Disaster management. Environmental legislation-(a) Wildlife Protection Act, (b) Forest Act, (c) Water Act, (d) Air Act.			
	III	VIII	Social issues and Environment- Human rights, women and child welfare- Role of Information Technology in environment and human health.	The need to understand that a healthy/vibrant environment has a positive impact on both women and children's health	Discussion Method	Students will make a conscious effort to encourage a healthy lifestyle. Assignment/ Project work
	IV	VIII	Social issues and Environment- Human rights, women and child welfare- Role of Information Technology in environment and human health.			
5.	Mar/I		Revision	To recapitulate the syllabus covered.	-	-
Learning Outcomes- Students will take the initiative to preserve the planet from over exploitation.						

Naqis Ali
13/12/18

Signature of the Faculty

Dr. C. Ganeswari

Signature of the HOD