

Department of Liberal Education Era University, Lucknow

Course Outline Effective From: 2023-24

Name of the	DA / DCa /LIDED/	1	st / 1st					
Program	B.A. / B.Sc. (LIBERA	AL EDUCA	TION)	Year/ Semester:	1 st / 1 st			
Course	Introduction to	Course EVA101		Type:	Theory			
Name	Environmental	Code:	LVIIII	турс.	_	neor y		
1101110	Science	Couc.						
Credits	()5		Total Sessions Hours:	Hours			
Evaluation	Internal	50 Marks		End Term Exam:	50 Marks			
Spread	Continuous							
	Assessment:							
Type of Course	C Compulsory	Core		C Creative	C Life Skill			
Course	1. To study abou							
Objectives	2. To develop a multidisciplinary vision for environment management and its							
	sustainability							
	_	-	•	uman action on enviro	nment a	and develop		
	environmental-social responsible attitude.							
Course Outc	Course Outcomes (CO): After the successful course completion, learners will develop following							
attributes:								
Course								
Outcome	Attributes							
(CO)								
CO1	Learn and understand about environment, its components and their importance.							
CO2	Understand need for environmental consciousness and be able to think across the existing							
800	disciplinary boundaries.							
CO3	Learn the fundamental concepts of environment and its management practices.							
CO4	Students will sensitize with the persisting environmental challenges and their impacts and understand the relationship between society and environment.							
Pedagogy	Interactive, discussion-based, student-centered, presentation.							
Internal	Mid-term Examination: 20 Marks							
Evaluation	Activity: 10 Marks							
Mode	Class test: 05 Marks							
	Online Test/Objective Test: 05 Marks							
	Assignments/Presentation: 05 Marks Attendance: 05 Marks							
Session	Topic Hours Mapped							
Details		liouis	CO					
Unit 1	Introduction to Environment and its components 18 CO1							
	• Environment: Definition and concept;							
	Structure and composition of atmosphere;							
	Hydrosphere: Distribution and uses;							
	Lithosphere: Structure, components and major processes; Discrete B. Cristical Components and major processes;							
	Biosphere: Definition & components.							
	Activity:							
	Locate major water bodies, mountain ranges and soil type							
	distribution on map of India/World.							

Unit 2		Envir	onmen	tal aw	arenes	3						17	C	O2
Cint 2		Environmental awarenessEnvironmental science, its goal and scope;										1,		02
		 Relationship of Environmental science with other disciplines; 								es;				
		Need for Environmental awareness;												
		• Role of various institutions including government, NGOs &								os &				
		media in environment awareness												
		• Contemporary environmental issues: climate change,								ange,				
		biodiversity loss, pollution												
		Activity:									uroog			
		To collect articles (5 articles) from different sources (Newspaper/magazines/online) and prepare a report to highlight the												
		role of various institutes in creating environmental awareness.												
		1010 01 various institutes in creating environmental awareness.												
Unit 3		Concepts related to Environment and Sustainability 20 CO3								О3				
		• Environmental Justice and Environmentalism;												
		1				-tradin	_							
							g capaci							
							nvironm		Constitution	- u1-				
		• E1	ivironn	ient, So	ociai an	u Gove	rnance (E9(J)	ıramew	OTK				
		Activ	itv:											
		Activity: List the ESG companies in India and their adopted environmental												
		polici		1				,	L					
		•												
Unit 4		Man	and En	vironn	nent							20	C	O4
		Understanding pollution: poverty, population & politics;												
		Cultural and social interaction with environment;												
		Development vs Environment degradation;												
		Emerging technologies and environmental threats Output Description Output Descriptio												
		Green washing. Case study: McDonald paper straw												
		Activity:												
		EV is a sustainable option for environment – Debate. Two groups												
		gather data and facts and debate for or against the adoption of												
		electrical vehicles.												
GO DO		20.24	•											
CO-PC) and I	2SO M PO2	apping PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	- 02	- 55	- 0 1	- 55	- 55	- 0.	100	2	1	1505	1504	1505	1500
CO2	2	2	2	2		1			2	2	1	3	3	
CO4	2	3	3	2		3	2		2	2	3	3	1	1
Strongco				igecontril	bution-2,		owcontrib	ution-1,						
Sugges				001r - £	Envi	nm ar 4 (Studia -	A atla a	10 D 1/	0.1.4	ath a	M 20	06.5.6	'hond
Text- I	DOOKS	1. A text Book of Environment Studies, Asthana, D. K. and Asthana, M. 2006, S. Chand & Co.												
		2. Environmental Science: S. C. Santra, New Central Book Agency.												
		2. Zarneman selence. S. S. Sanda, New Conduit Book rigoney.												
Refer	ence	e 1. Environmental Science: Earth as a Living Planet by Botkin and Keller; JOHN WILEY												
Boo	oks & SONS, INC.													
		2. Environmental Encyclopedia, Jaico Publication House, Mumbai, 1196p												
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Para	Text	Unit 1			_:	D.C.	1	C.						
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Unit 2:

1. Carrying capacity-

 $\underline{\text{https://www.youtube.com/watch?v=ozW7yy6Ymw\&ab_channel=MooMooMathandScie}} \\ \text{nce}$

Unit 3:

1. Climate change-

https://www.youtube.com/watch?v=EuwMB1Dal4&ab channel=ClickView

Unit4:

Assignment/Presentation

Attendance

Total Marks

1. Green washing and degradation of marine ecosystem- Sea Piracy (Netflix documentary)

Assignment to be made on topics and instruction given by subject

Recapitulation & Examination Pattern

Internal Continuous Assessment:					
Component	Marks	Pattern			
Mid-term Exam	20	Section A: Contains 10 MCQs/Fill in the blanks/One Word Answer/ True-False type of questions. Each question carries 0.5 marks. Section B: Contains 07 descriptive questions out of which 05 questions are to be attempted. Each question carries 03 marks.			
Activity	10	Will be decided by subject teacher			
Class Test	05	Contains 05 descriptive questions. Each question carries 01 marks.			
Online Test/ Objective Test	05	Contains 10 multiple choice questions. Each question carries 0.5 marks.			

Course created by: Dr. Swati Sachdev Approved by: Prof. Venkatesh Dutta Signature:

teacher

As per policy

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