



UNIVERSITY OF CALCUTTA

Notification No. CSR/17/2023

It is notified for information of all concerned that in terms of the provisions of Section 54 of the Calcutta University Act, 1979, (as amended), and, in exercise of his powers under 9(6) of the said Act, the Vice-Chancellor has, by an order dated 17.07.2023 approved the Syllabi of the under mentioned COMPULSORY CVAC Courses, to be studied in semester 1& 2 for semester wise Four-year (Honours & Honours with Research) /Three-year (Multidisciplinary) programme of U.G. courses of studies, as applicable under CCF,2022 . under this University, as laid down in the accompanying pamphlet.

SL.NO.	NAME OF SUBJECTS	TYPE OF COURSES
1.	Environmental Studies	Compulsory CVAC Course, to be taught in the 1 st and 2 nd semesters
2.	Constitutional Values	Compulsory CVAC Course, to be taught in the 1 st semester.

The above shall be effective from the academic session 2023-2024.

SENATE HOUSE

KOLKATA-700 073

The 20th July, 2023

Prof.(Dr.) Debasis Das

Registrar

University of Calcutta

Common Value Added Courses on Environmental Studies

ENVS 02: Environmental Education

Semester -II

Total Marks-50(Credit -2)

[Marks obtained in this course will be taken to calculate SGPA & CGPA]

Unit 1	Environmental Education	4 lectures .
	<ul style="list-style-type: none">• Concept, definition, and significance of environmental education• Genesis of environmental education, Tbilisi Declaration 1977• Philosophy of environmental education• Environmental awareness vis a vis environmental education	
Unit 2	Rules and regulations of environment	6 lectures
	<ul style="list-style-type: none">• Necessity of rules and regulations, different types of rules and regulations, mistakes in implementing of environmental rules, problems in implementing environmental rules. <p>Environment Laws in India: Wildlife (Protection) Act; Forest (Conservation) Act; Water (Prevention and control of Pollution) Act; Air (Prevention & Control of Pollution) Act; Environment Protection Act; Biodiversity Act.</p> <ul style="list-style-type: none">• International agreements: Montreal Protocol, Kyoto protocol and climate negotiations; Convention on Biological Diversity (CBD).	
Unit 3	Human Communities and the Environment	6 lectures
	<ul style="list-style-type: none">• Human population growth: Impacts on environment, human health, and welfare.• Concept of Resettlement and rehabilitation.• Environmental movements: Bishnois, Chipko, Silent valley, Big dam movements.• Environmental ethics: Types, ecofeminism, role of cultures in environmental conservation.	
Unit 4	Disaster Awareness	8 lectures
	<ul style="list-style-type: none">• Fundamentals of hazard, disaster, risk and vulnerability• Disaster classification, Natural Disasters-floods, earthquake, cyclones, tsunami and landslides; Manmade Disaster.• Case Studies: Minamata disaster, Bhopal gas disaster, Fukushima nuclear disaster, Kedarnathflood, Cyclone <i>Aila</i>, COVID-19• Disaster management, Disaster warning systems	
Unit 5	Role of environmental education in protecting environment	6 lectures
	<ul style="list-style-type: none">• Lifelong learning procedure, Pedagogy in environmental education, Formal and informal environmental education (Exhibition, role playing ability, quiz, debate, field trip, demonstration, project, poster presentation, seminar, eco-club)• Role of NGOs and government institutions• Role of information technology and mass media: Print, Electronic, and Social media	
Total		30 lectures

Suggested Reading:

Reference: Das, S., (2023) Environmental Education, Sanjib Prakasan, Kolkata