



Acharya Prafulla Chandra College

NAAC ACCREDITED 'A' GRADE COLLEGE) (Govt. Sponsored)
P.O. New Barackpore, North 24 Parganas, Kolkata-700 131, West Bengal

Date : 09.08.2024

Notice for Environment Science Class (VAC) for SEM II (NEP)

This is for information for all concerned that classes for the **Value Added Course (VAC)** paper for students of **B.A.(General)** on **Environment Science** will be held in hybrid mode. To cater to the large volume of students some of the classes will be held in **OFFLINE** and the rest in **ONLINE mode**. Student's group will be created and class details will be posted in the group by the respective teachers. Students are requested to follow the group for class notifications.

Classes will be held from 14th of August to 28th of August, 2024,

The faculty-wise allotment of topics is as given below.

Topic	Resource person	Date & Time
Unit 2 :Ecosystem and Biodiversity: Biodiversity Definition: genetic, species and ecosystem diversity. Biogeographical classification of India Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values India as a mega-diversity nation Hot-spots of biodiversity.	Mouli Saha	21/08/2024 (3-4)pm Room no-G3
Unit 2 Ecosystem and Biodiversity: Concept of an ecosystem. Producers, consumers and decomposers. Energy flow in the ecosystem. Ecological succession.	Soumosish Paul	14/08/2024 (3-4)pm Room no-G3
Unit 2 :Ecosystem and Biodiversity: Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts. Endangered and endemic species of India Conservation of biodiversity: In-situ and Ex-	Gautam Biswas(Zoology)	(Online mode)



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Unit 2 Ecosystem and Biodiversity: Food chains, food webs and ecological pyramids.	Srijana Rai	(online mode)
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In-situ conservation of biodiversity.		
Unit 1 Concept and various disciplines of environmental science Definition, scope and importance of Environmental Science. Need for public awareness.	Debasree Sadhukhan	Online mode
Unit 3 Environmental Pollution and social issues: Role of Information Technology in Environment and human health.	Ashish Mukherjee	(online mode)



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<p>Unit 1 Concept and various disciplines of environmental science: Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources.</p>	Ranajit Sardar	online mode
<p>Unit 2</p> <p>Ecosystem and Biodiversity: Introduction, types, characteristic features, structure and function of the following ecosystems:</p> <p>a) Forest ecosystem b) Grassland ecosystem c) Desert ecosystem d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)</p>	Bhanumati Sarkar	online mode
<p>Unit 1</p> <p>Concept and various disciplines of environmental science</p> <p>Renewable and non-renewable resources :</p> <p>a) Forest resources : Use and over-exploitation, deforestation b) Water resources : Use and over-utilization of surface and ground water, floods, drought, dams- benefits and problems.</p>	Jaydeep Mondal	Online mode
<p>Unit 3</p> <p>Environmental Pollution and social issues</p> <p>Concepts of population growth and population explosion Women and Child Welfare. Issues involved in enforcement of environmental legislation and public awareness Environment Protection Act.</p>	Anindita Gupta	online mode



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Unit 1 Concept and various disciplines of environmental science Food resources: World food problems, changes caused by modern techniques of agriculture and overgrazing, problems due to excessive use of fertilizers and pesticides, problems of water logging and saline water intrusion.	Sunanda Biswas	online mode
Unit 3: Environmental Pollution and social issues: Air (Prevention and Control of Pollution) Act. Water (Prevention and Control of Pollution) Act Forest Conservation Act	Jyotiprakash Mondal	online mode
Unit 3: Environmental Pollution and social issues: <ul style="list-style-type: none">• Types, Causes, effects and control measures of: Marine pollution• Noise pollution• Thermal pollution Nuclear hazards	Upasana Das	online mode
Unit 3: Environmental Pollution and social issues: <ul style="list-style-type: none">• Types, Causes, effects and control measures of: Air pollution• Water pollution• Soil pollution	Rajatesh Chakraborty	27/08/2024 (2-3)pm Room no-G3



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Unit 3: Environmental Pollution and social issues: Disaster management: floods, earthquake, cyclone and landslides.	Mousumi Naskar	online mode
Unit 3: Environmental Pollution and social issues: Environmental ethics: Issues and possible solutions. Issues involved in enforcement of environmental legislation and public awareness.	Shrinka Ghosh	online mode
Unit 3: Environmental Pollution and social issues: Water conservation, rain water harvesting, watershed management.	Madhurima Roy	Online mode
Unit 3: Environmental Pollution and social issues: Solid waste Management : Causes, effects and control measures of urban and industrial wastes. Role of an individual in prevention of pollution.	Madhumita Dandopath Patra	online mode



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Unit 1: Concept and various disciplines of environmental science: Energy resources : Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources.	Tinkei Acharya	21/08/2024 (2-3)pm Room no-G3
Unit 3: Environmental Pollution and social issues: Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust.	Madhusree Das Sharma	14/08/2024 (2-3)pm offline mode Room no-G3
Unit 3: Environmental Pollution and social issues: Wildlife Protection Act	Indrajit Das	online mode
Unit 1: Concept and various disciplines of environmental science: Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification.	Nandita Dey	online mode


12/8/24
Dr. S. R. Ahmed

(Teacher-in-Charge)

Dr. Syed Rafi Ahmed
Teacher-in-Charge
Acharya Prafulla Chandra College
New Barrackpur, North 24 Parganas