

Sister Nibedita Government General Degree College for Girls

Hastings House, Alipore, Kolkata-700 027

NOTICE

Notice No. SNGGDCG/321

Date:12/11/2025

The classes for B.A./B.Sc. (Semester-1) on **Common Value-Added Course-1 (CVAC-1) on Environmental Studies (ENVS01): Fundamentals of Environment** will commence on and from 12th November, 2025 (Wednesday). The classes will be held at the **Sister Nibedita Hall** as per the **Routine timing of Semester-I CVAC-1 schedule**. (Monday, 3-4 pm, Wednesday, 12.30 - 1.30 pm)

Joining link of whatsapp group: <https://chat.whatsapp.com/JDF8pgaciZbBB0TUxGFPDY>

CVAC 1 ENVS

WhatsApp group



Theory	Name of the Teacher	Dates of Allotted of Classes
Unit 1 : Introduction to Environmental Studies - Multidisciplinary nature of environmental studies; Scope and importance; Concept of sustainability, sustainable development, and sustainability goals; Low carbon lifestyle: Mission LIFE	Prof. Subrata Ghosh	12.11.2025; 10.12.2025 28.01.2026
Unit 2 : Ecology and Ecosystems - Concept of ecology, ecosystem, and ecosystem services; Structure and function of ecosystem; Energy flow in an ecosystem; Ecological Pyramid; Food chain and food web (Terrestrial and aquatic ecosystems); Basic concept of population and community ecology; Ecological succession	Prof. Samragini Bhattacharya	19.11.2025; 24.11.2025
Unit 3 : Natural Resources –Deforestation: causes, consequences and remedial measures		
Unit 3 : Natural Resources -Concept of renewable and non-renewable resources, Land resources and land use change; land degradation, soil erosion and desertification; Forest resources: importance, Water use and over-exploitation of surface and ground	Dr. Dola Chakraborty	26.11.2025; 01.12.2025

water, floods droughts, conflicts over water (international & inter-state); Energy resources: Environmental impacts of energy generation, use of alternative and nonconventional energy sources, green energy; Natural resource accounting	Dr. Nivedita Chakraborty	
Unit 4: Biodiversity and Conservation - Levels of biological diversity: genetic, species and ecosystem diversity; Threats of biodiversity, IUCN threat categories; In-situ and Ex-situ conservation of biodiversity, Protected area network; Unit 4: Biodiversity and Conservation - Bio-geographic zones of India, Biodiversity hot spots, Endemism, India as a mega-diversity nation.	Prof. Debjani Mukherjee (Banerjee)	03.12.2025; 08.12.2025
Unit 5 : Environmental Pollution - Concept of hazards wastes and human health risks; Climate change, global warming, ozone layer depletion, acid rain and their impacts on human communities and agriculture. Unit 5 : Environmental Pollution - Solid Waste Management: Biomedical and e-Waste	Dr. Bholanath Pakhira	12.12.2025; 19.12.2025
Unit 5 : Environmental Pollution - Environmental pollution: concepts and types, Air, water, soil, noise and marine pollution - causes, effects and controls.	Dr. Sumi Ganguly	17.12.2025; 05.01.2026
Unit 4 : Biodiversity and Conservation – Role of indigenous communities in biodiversity conservation, Peoples Biodiversity; Register, Bioprospecting and Biopiracy. Unit 5 : Environmental Pollution - Solid waste management: Control measures of municipal wastes.	Prof. Anirban Sarkar	19.01.2026; 21.01.2026

Sd/-
Dr. Sebanti Bhattacharya
Officer-in-Charge
Sister Nibedita Govt. Gen. Degree
College for Girls, Kolkata

Sd/-
Shri Subrata Ghosh
Convener,
Sister Nibedita Govt. Gen. Degree
College for Girls, Kolkata