

Jhargram Raj College

Cir. No. - 214

Date: 21/11/25

It is hereby notified to all concerned that the VAC 1 (Environmental Studies) classes for the academic year 2025-26 will take place as per following schedule: -

Date	Time	Room No.	Lecture by	Dept	Points to be highlighted
29/11/2025 Saturday	10:00-11:00 am	Room No. – BOT 2	Dr. Arghya Ghosh	Botany	Unit 1: Introduction to environmental studies • Multidisciplinary nature of environmental studies; • Scope and importance; Concept of sustainability and sustainable development.
	11:00-12:00 noon	Room No. – BOT 2	Dr. M.B. Arefin	Botany	Unit 2: Ecosystems • What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession. Case studies of the following ecosystems: a) Forest ecosystem b) Grassland ecosystem
02/12/2025 Tuesday	10:00-11:00 am	Room No. – CH 10	Dr. Alokesh Hazari	Chemistry	Unit 2: Ecosystems c) Desert ecosystem d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)
	11:00-12:00 noon	Room No. – CH 10	Dr. Susovan Mandal	Chemistry	Unit 3: Natural Resources: Renewable and Non--renewable Resources • Land resources and land use change; Land degradation, soil erosion and desertification
	10:00-11:00 am	Room No. – BOT 2	Sri Sanjib Kumar Das	Zoology	Unit 3: Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations. Joint

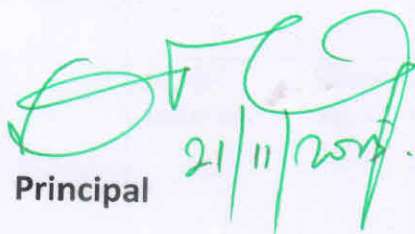
06/12/2025 Saturday					forest management.
	11:00-12:00 noon	Room No. – BOT 2	Dr. Kaushik Sen	Zoology	Unit 3: Water: Use and over---exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter--state).
09/12/2025 Tuesday	10:00-11:00 am	Room No. – CH 10	Dr. Tapas Kumar Adalder	Chemistry	Unit 3: Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs, case studies.
	11:00-12:00 noon	Room No. – BOT 2	Sri Saurav Paul	Botany	Unit 4: Biodiversity and Conservation • Levels of biological diversity : genetic, species and ecosystem diversity; Bio-geographic zones of India; Biodiversity patterns and global biodiversity hot spots • India as a mega--biodiversity nation; Endangered and endemic species of India.
13/12/2025 Saturday	10:00-11:00 am	Room No. – BOT 2	Md. Shariful Islam	Zoology	Unit 4: Threats to biodiversity: Habitat loss, poaching of wildlife, man--wildlife conflicts, biological invasions; Conservation of biodiversity: In---situ and Ex---situ conservation of biodiversity. • Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.
	11:00-12:00 noon	Room No. – BOT 2	Sri Sreejit Ghosh	Physiology	Unit 5: Environmental Pollution • Environmental pollution : types, causes, effects and controls; Air, water, soil and noise pollution.

16/12/2025 Tuesday	10:00-11:00 am	Room No. – BOT 2	Sri Satyajit Halder	Physiology	Unit 5: • Nuclear hazards and human health risks. • Solid waste management: Control measures of urban and industrial waste..
	11:00-12:00 noon	Room No. – BOT 2	Sri Samiran Mondal	Physiology	Unit 5: • Pollution case studies. • Noise pollution.
20/12/2025 Saturday	10:00-11:00 am	Room No. – BOT 2	Sri Sourav Barai	Zoology	Unit 6: Environmental Policies & Practices • Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture.
	11:00-12:00 noon	Room No. – CH 10	Dr Tarun Mlstri	Chemistry	Unit 6: • Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).
23/12/2025 Tuesday	10:00-11:00 am	Room No. – CH 10	Dr. Naba Kumar Bera	Chemistry	Unit 6: Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context. • Environmental policy and gender issues.
	11:00-12:00 noon	Room No. – CH 10	Dr. Ananta Hazra	Chemistry	Unit 7: Human Communities and the Environment • Human population growth: Impacts on environment, human health and welfare. • Resettlement and rehabilitation of project affected persons; case

					studies. • Disaster management: floods, earthquake, cyclones and landslides.
03.01.2026 Saturday	11:00- 12:00 noon	Room No. – BOT 2	Dr. Krishnendu Sinha	Zoology	Unit 7: • Environmental movements: Chipko, Silent valley, Bishnois of Rajasthan. • Environmental ethics: Role of Indian and other religions and cultures in environmental conservation. • Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi).

Note: - In case of announcement of any holiday coincide with any aforementioned date, the scheduled class on that date will move forward to the next available date and the subsequent class will adjusted accordingly up to period of academic activity as mentioned in respective academic calendar.


Countersigned: -


 Principal

Jhargram Raj College
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Jhargram Raj College

Copy to:

1. Co-ordinator, I.Q.A.C.
2. Secretary, Teachers' Council.
3. All the Concerned Faculty Members.
4. Convenor, Website Sub- Committee.
5. Guard File.


 Convenor
Envs. Sub Committee
Jhargram Raj College