



ADD ON COURSE

On

Environment and Sustainability

(Session: 2022- 2023)

Offered by

Department of Geography

In Collaboration with IQAC

Prasanta Chandra Mahalanobis Mahavidyalaya

111/3, B.T. Road, Kolkata – 700108

(Affiliated to West Bengal State University)

Eligibility : UG Students of all Semesters

Registration : 12.04.2023 to 17.04.2023

Course Starting Date : 28.04.2023

Course Duration : 35 Hours

Registration Here : <https://forms.gle/VBT47sSjvCemMbuz8>

Course Coordinator(s) : Dr Alpana Ray (Associate Professor) and Dr Rekha Biswas (Assistant Professor), Department of Geography

Assistant Course Coordinator(s) : Ms Sudeshna Chowdhury and Mr Sudip Roy

SACT, Department of Geography

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Environment and Sustainability

Duration: 35 Hours

(Theory: 15 hours, Practical: 15 hours, Evaluation and Certificate distribution: 5 hours,*each class 1 hour)

Syllabus

Theoretical

1. Concept of Environment and Environmental Pollution (2 classes)
2. Sustainable development: Concept, Historical background, components, limitations (3 classes)
3. Biodiversity: Definition, types, threats and conservation measures (2 classes)
4. Wetland ecosystem with special reference to East Kolkata Wetlands (3 classes)
5. Urban environmental issues with special reference to waste management (2 classes)
6. Soil Pollution: Definition, Causes, Types, Effects and measurement (3 classes)

Practical

1. Solid waste management (field based) (3 classes)
2. Plant species diversity determination by matrix method (7 classes)
3. Use of soil kit to determine different parameters of different soil samples (5 classes)