



GOUR MAHAVIDYALAYA

Mangalbari, Malda, West Bengal-732142
Affiliated to University of Gour Banga, Malda



"Leave No One Behind"

30 Hours Add-on Course
on

Sustainable Development and Geography



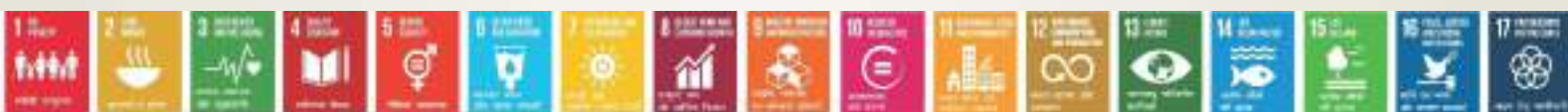
Organised by
Department of Geography
Gour Mahavidyalaya

Under the aegis of
IQAC Gour Mahavidyalaya

16th December, 2024 - 4th January, 2025

Mode: **Blended**

Registration Fees: **NIL**



BROCHURE

30 Hours Add-on Course on
Sustainable Development and Geography
Organized by Department of Geography, Gour Mahavidyalaya

Course Duration: 30 Hours (15 Days (2 Hour per Class or day))

Course Objectives:

The primary objective of the course is to explore the concept of sustainable development from a geographical perspective, understanding its environmental, economic, and social dimensions. The course will cover sustainable development issues at global, regional, and local levels and examine the role of geography in solving contemporary environmental problems.

The specific Objectives are-

- To understand the key concepts of sustainable development from a geographical perspective.
- To explore the relationship between human activities and the environment.
- To examine global, regional, and local strategies for achieving sustainability.
- To analyse the role of geography in addressing sustainable development challenges.



Certificate will be provided to each participant upon completion of the course

Expected outcomes of the course

After the completion of the add-on course on ‘Sustainable Development and Geography’

- The participants will be able to define and explain the core principles of sustainable development, emphasizing the interconnections between environmental, social, and economic factors in various geographical contexts.
- The participants will critically assess international sustainability frameworks (e.g., United Nations Sustainable Development Goals) and local policies, understanding their geographic implications and effectiveness in addressing sustainability issues.
- The participants will examine the impact of human activities on the environment, analyzing how geography influences resource use, land management, and environmental degradation, and propose solutions based on sustainable practices.
- The participants will enhance their ability to communicate complex sustainability concepts effectively, presenting solutions to real-world geographic problems through reports, presentations, and group discussions.

Course Structure and Curriculum

Class 1: Introduction to Sustainable Development

- **Topics Covered:**
 - Definition and concepts of sustainable development.
 - Historical background and evolution of the concept.
 - The three pillars of sustainability: Environmental, Social, and Economic.

Class 2: Geography and Sustainable Development

- **Topics Covered:**
 - Role of geography in understanding sustainable development.
 - Spatial patterns of environmental degradation and resource use.
 - The geographic perspective on sustainability.

Class 3: Global Environmental Challenges

- **Topics Covered:**
 - Climate change, deforestation, biodiversity loss, and pollution.
 - Global warming and its impacts on ecosystems.
 - The role of geography in analyzing global environmental challenges.

Class 4: Natural Resources and Resource Management

- **Topics Covered:**
 - Types of natural resources: Renewable and non-renewable.
 - Resource distribution and sustainability challenges.
 - Geography of resource management: Water, land, and energy.

Class 5: Land Use and Land Management

- **Topics Covered:**
 - Land use change and its impact on sustainability.
 - Urbanization, agriculture, and deforestation.
 - Sustainable land management practices.

Class 6: Sustainable Agriculture

- **Topics Covered:**
 - Principles of sustainable agriculture.
 - The role of geography in understanding agricultural sustainability.
 - Techniques like agroforestry, organic farming, and crop rotation.



Class 7: Urban Sustainability and Planning

- **Topics Covered:**

- The challenges of urban sustainability.
- Sustainable urban planning practices: Green cities, transportation, and waste management.
- Geography of urban heat islands and pollution.

Class 8: Climate Change and Adaptation

- **Topics Covered:**

- Climate change science and its global effects.
- Climate change impacts on ecosystems and human populations.
- Geographic variations in vulnerability and adaptive strategies.



Class 9: Ecosystem Services and Conservation

- **Topics Covered:**

- Understanding ecosystem services: Provisioning, regulating, cultural, and supporting.
- Conservation strategies: Protected areas, biodiversity corridors, and sustainable tourism.
- The role of geography in conservation planning.

Class 10: Environmental Policy and Governance

- **Topics Covered:**

- Global, national, and local environmental policies.
- Role of geography in shaping policy decisions.
- Sustainable governance frameworks: International agreements, NGOs, and community-based governance.

Class 11: Sustainable Development Goals (SDGs)

- **Topics Covered:**

- Introduction to the United Nations SDGs.
- Geography's role in achieving SDGs, especially SDG 13 (Climate Action), SDG 15 (Life on Land), and SDG 11 (Sustainable Cities).
- Case studies on SDG implementation across different regions.

Class 12: The Role of Technology in Sustainability

- **Topics Covered:**

- The role of technological innovations in promoting sustainability.
- Geographic information systems (GIS) in environmental monitoring and decision-making.
- Renewable energy technologies and their geographic distribution.

Class 13: Sustainable Development in Developing Countries

- **Topics Covered:**

- Challenges faced by developing countries in achieving sustainable development.
- Issues related to poverty, education, and infrastructure.
- The role of geography in understanding and addressing these challenges.

Class 14: Sustainable Development in the Local Context

- **Topics Covered:**

- Identifying local sustainability issues: Waste management, water use, pollution, and urban planning.
- Community-based sustainable development.
- The importance of local geography in planning sustainable practices.

Class 15: Review and Final Assessment

- **Topics Covered:**

- Recap of key concepts and topics covered in the course.
- Final assignment: Students will prepare an assignment on a sustainable development issue in a particular region, demonstrating the geographic analysis and solutions.
- Written Examination

About the College:

Gour Mahavidyalaya, situated on the north side of Mahananda River where N.H.34 passes through Mangalbari, Old Malda, started its journey on the 5th day of September 1985 to cater to the needs of the people, mainly of the district, as well as those of this locality. In the field of higher education. Gour Mahavidyalaya, a premier institution for the higher education of the Old Malda reserve constituency, has been trying to continue to free people from ignorance, superstition, bad habits and many wrong ideas on the one hand and provides the people of this locality with some skills.

About the Department:

The department of Geography started its journey from the session 2001-2002 with a meagre amount of 20 general stream students to cater to the educational needs of the weaker sections of this Block and to other parts of the districts in general under North Bengal University. At present both honours and general and Major (Under NEP-2020) courses are running with three sanctioned full-time teaching posts and three SACT posts who are continuously guiding their students for their all-round development. The department publish wall magazine annually. Eco-club organize various activities on environment and social awareness regularly. Student seminars are organized annually for enhancing skills of the students. Besides, seminars, special lectures, career counselling programmes, short-term field visit, in-house hands-on training, short-term course are also arranged for the benefit of students.

Organising Committee

Chief Patron: Dr. Ashim Kumar Sarkar, *Principal, Gour Mahavidyalaya*

Chief Advisor: Prof. Pradip Chouhan, *Professor & HoD, Department of Geography, University of Gour Banga*

Advisor: Dr. Dhritiman Chakraborty, *IQAC Coordinator, Gour Mahavidyalaya*

Course Coordinator and Convener: Dr. Prabir Das, *Assistant Professor, Department of Geography, Gour Mahavidyalaya*

Joint coordinators: Dr. Syfujjaman Tarafder & Dr. Satyajit Paul, *Assistant Professor, Department of Geography, Gour Mahavidyalaya*

Organizing secretaries: Mr. Dipankar Majumdar, Mr. Paban Ghosh, and Mr. Sanjay Ghosh, *Faculties, Department of Geography, Gour Mahavidyalaya*

Tentative list of Speakers and Schedule of the Course

Class	Date	Time	Speaker	Topic	Mode
1	16/12/24	4:00 pm-6:00 pm	Mr. Rahul Mallick <i>Asst. Prof., Dept. of Geography, Rammohon College, Kolkata</i>	Introduction to Sustainable Development	Blended
2	17/12/24	4:00 pm-6:00 pm	Dr. Syfujjaman Tarafder, <i>Asst. Prof., Dept. of Geography, Gour Mahavidyalaya, Malda</i>	Geography and Sustainable Development	Offline
3	18/12/24	4:00 pm-6:00 pm	Dr. Apurba Sarkar, Asst. Master <i>in Geography, New Integrated Govt. School, Habibpur, Malda</i>	Global Environmental Challenges	Blended
4	19/12/24	4:00 pm-6:00 pm	Dr. Masfudar Rahaman, <i>Asst. Prof., Dept. of Geography, Malda College, Malda</i>	Natural Resources and Resource Management	Blended
5	20/12/24	4:00 pm-6:00 pm	Mr. Asit Paul, Asst. Prof., Dept. <i>of Geography, Gangarampur College, Dakshin Dinajpur</i>	Land Use and Land Management	Blended
6	21/12/24	4:00 pm-6:00 pm	Dr. Anamika Ghosh, Asst. Prof., <i>Dept. of Geography, Gangarampur College, Dakshin Dinajpur</i>	Sustainable Agriculture	Blended
7	23/12/24	4:00 pm-6:00 pm	Dr. Manob Das, Asst. Prof., Dept. <i>of Geography, Ramananda College, Bishnupur, Bankura</i>	Urban Sustainability and Planning	Blended
8	24/12/24	4:00 pm-6:00 pm	Dr. Rameswar Mukherjee, <i>Asst. Prof., Dept. of Geography, Samsi College, Malda</i>	Climate Change and Adaptation	Blended
9	27/12/24	4:00 pm-6:00 pm	Dr. Satyajit Paul, <i>Asst. Prof., Dept. of Geography, Gour Mahavidyalaya, Malda</i>	Ecosystem Services and Conservation	Offline
10	28/12/24	4:00 pm-6:00 pm	Dr. Nanigopal Kapasia, <i>Asst. Prof., Dept. of Geography, Malda College, Malda</i>	Environmental Policy and Governance	Blended
11	29/12/24	4:00 pm-6:00 pm	Dr. Bikash Barman, <i>Asst. Prof., Dept. of Geography, Malda Women's College, Malda</i>	Sustainable Development Goals (SDGs)	Blended
12	31/12/24	4:00 pm-6:00 pm	Dr. Somenath Halder, <i>Asst. Prof., Dept. of Geography, Kaliachak College, Malda</i>	The Role of Technology in Sustainability	Blended
13	02/01/25	4:00 pm-6:00 pm	Dr. Sanjoy Saha, <i>Asst. Prof., Dept. of Geography, Kaliachak College, Malda</i>	Sustainable Development in Developing Countries	Blended
14	03/01/25	4:00 pm-6:00 pm	Mr. Pintu Biswas, Asst. Prof., <i>Dept. of Geography, Balurghat College, Dakshin Dinajpur</i>	Sustainable Development in Local Context	Blended
15	04/01/25	4:00 pm-6:00 pm	Dr. Syfujjaman Tarafder, Dr. Prabir Das & Dr. Satyajit Paul, <i>Assistant Professors, Department of Geography, Gour Mahavidyalaya, Malda</i>	Review and Final Assessment	Offline



REGISTRATION FORM



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Sustainable Development and Geography

Organised by

Department of Geography, Gour Mahavidyalaya, Malda

16th December, 2024 to 4th January, 2025

Fill the form and submit to the Department of Geography, Gour Mahavidyalaya by 15th December 2024

Name:

Semester:

Department:

Affiliation/Institution:

Address for Communication:

Mobile Number:

Mobile Number (For WhatsApp):

Email-ID:

Purpose for Joining the Course:

Applicant may registrar online through the link (Click here) > <https://forms.gle/YrfgTErjNoSrTHwt6>

Contact Us: 9563189934 (Dr. Prabir Das), 8617257445 (Dr. Syfujjaman Tarafder); Email: geographygm1985@gmail.com ; Website: <https://gourmaha.ac.in/>