

# Title: Internship Programme on “Study of Environmental Impact Assessment in Stone Quarrying Area”

Organizer: Department of Geography, Hiralal Bhakat College, Nalhati, Birbhum



## Introduction

Modern world witnessed lots of developmental initiatives after World War II. With the combination of science and technology, developmental programmes emerged throughout the world with a full force for a better and secure future of human society. To achieve this, environmental backlash started in a prominent manner. People realize the degradational reality (negative effect of developmental aspect) to some extent and started to think of an alternative way of development. In his context, ‘environmental policy’ emerged to counter the adverse effect of environmental causality. So, Environmental Impact Assessment (EIA) is a type of assessment procedure that emerged in the USA which helps to predict the economic, social and environmental impact of a proposed developmental project. To assess the overall impact of a proposed project, Leopold matrix (a suitable qualitative impact assessment method) was popularized in early 1970. This matrix method helps to analyze an alternative way to carry out the project that might help to prevent or mitigate the negative impacts within the environment.

## Internship Programme on ‘Study of Environmental Impact Assessment (EIA) in Stone quarrying Area’

Organized by Department of Geography  
Hiralal Bhakat College  
Nalhati, Birbhum



**Date: 10/04/2023**  
**Study Site: Nasipur**



**Target Group: Undergraduate Students, Postgraduate Students, Research Scholars**

**Seat Capacity: 10**

**Selection Criteria: First-cum-first-serve**

### Programme Schedule

07/04/23:

Online class will be taken by Mr. Chandan Ghosh

10/04/23, 11:00 a.m.

Departure from H.B.College campus by car

10/04/23, 12:00 p.m.

Arrival to the study site

10/04/23, 12:15 p.m.

Demonstration by Mr. Chandan Ghosh

10/04/23, 12:20 p.m. to 2:00 p.m.

Collection of data

10/04/23, 2:00 p.m. to 2:30 p.m.

Lunch break

10/04/23, 2:30 p.m. to 3:30 p.m.

Discussion

10/04/23, 3:30 p.m.

Departure from site

10/04/23, 4:30 p.m.

Arrival to the H.B.College campus

## **Objectives:**

1. **Understanding the EIA process:** Interns often join to gain practical knowledge and hands-on experience in the EIA process. This involves learning about the various stages of assessment, including scoping, data collection, impact analysis, and reporting.
2. **Environmental data collection and analysis:** Interns may be involved in fieldwork, data collection, and analysis related to the assessment of environmental impacts. This can include conducting site visits, collecting samples, analyzing data using appropriate tools, and contributing to the assessment reports.
3. **Research and literature review:** Interns may be assigned tasks related to researching and reviewing scientific literature, regulations, and best practices relevant to the EIA process. This helps in understanding the context, identifying potential impacts, and suggesting mitigation measures.
4. **Collaboration and teamwork:** Internships provide opportunities to work with professionals in the field and collaborate with multidisciplinary teams. Interns may assist in coordinating meetings, participating in discussions, and contributing to team projects related to EIA.
5. **Report writing and communication skills:** Writing skills are crucial in EIA work. Interns may be assigned to draft sections of the EIA report, prepare summaries, or contribute to specific sections. This helps interns develop effective written communication skills specific to environmental assessment.
6. **Understanding regulatory frameworks:** Interns may gain insights into the legal and regulatory frameworks that govern EIA processes. This includes understanding the relevant environmental laws, policies, and guidelines at local, national, or international levels.

Stakeholder engagement: EIA often involves engaging with various stakeholders, including local communities, government agencies, NGOs, and industry representatives. Interns may assist in organizing public consultations, stakeholder meetings.

**Syllabus:** Environmental Impact Assessment: Leopold Matrix.

**Outcome:** it results in a comprehensive report that outlines the potential environmental impacts of a project and recommends mitigation measures to reduce or offset these impacts. The outcomes of an EIA may include measures to protect ecosystems, minimize pollution, or promote sustainability. These outcomes guide decision-making processes and help ensure that environmental considerations are taken into account during project planning and implementation.

**Duration:** 01 (One day) 8 Hours

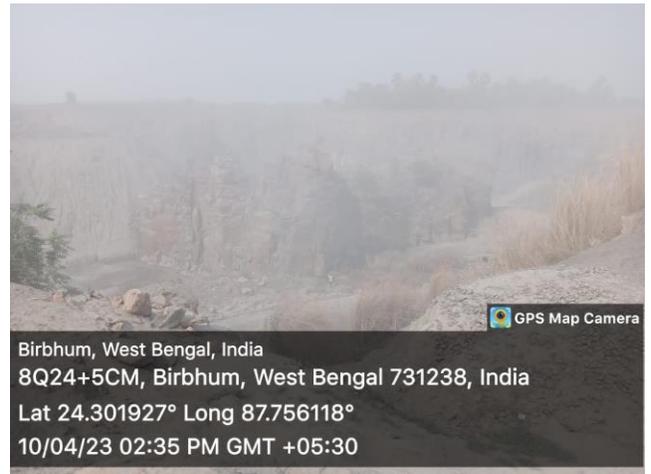
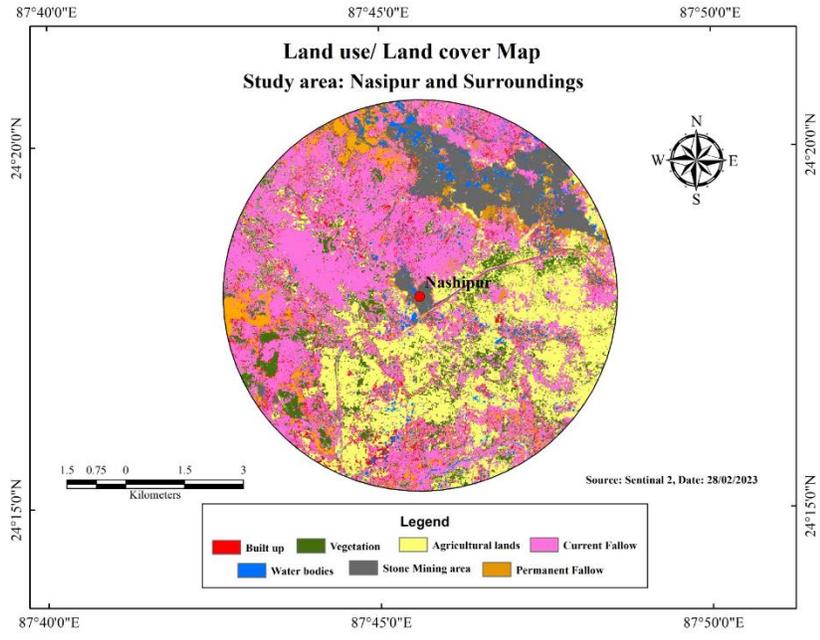
**Faculties:** 1. Dr. Niladri Das 2. Mr. Chandan Ghosh 3. Mr Sajal Ghsoh 4. Mr. Biswajit Mondal 5. Mr. Biplob Sen

**No. of Students:** 29 (19 internal students + 10 external students\*) (Student list link: a. Applied ([https://docs.google.com/spreadsheets/d/16-TB-5fodPsRwIHIdOvcuJqZ\\_9WgGZz5/edit?usp=sharing&oid=108767210678876568076&rtpof=true&sd=true](https://docs.google.com/spreadsheets/d/16-TB-5fodPsRwIHIdOvcuJqZ_9WgGZz5/edit?usp=sharing&oid=108767210678876568076&rtpof=true&sd=true)))

b. Selected: <https://docs.google.com/spreadsheets/d/1h2VoJuvYm8V-d4GCEeJ0L7wDkOxBu2qz/edit?usp=sharing&oid=108767210678876568076&rtpof=true&sd=true>

**Examination:** Reports were submitted by participants.

**Certification:** All participants have received certificates.





Birbhum, West Bengal, India  
Unnamed Road, West Bengal 731238, India  
Lat 24.298155° Long 87.760079°  
10/04/23 01:42 PM GMT +05:30