

# EGRA SARADA SHASHI BHUSAN COLLEGE

ESTD: 1968

(Reaccredited by NAAC with 'B' Grade with a CGPA of 2.32)

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## One Day State Level Seminar on

“Coastal Biodiversity and its Conservation”

**DATE:** 29<sup>th</sup> February, 2020.

**ORGANIZED BY:** UBA

### LIST OF EMINENT RESOURCE PERSONS

- 1) Dr. Punyasloke Bhadury
- 2) Dr. Amal Mandal

**PRESIDENT:** Dr. Dipak Kumar Tamili Principal, Egra S.S.B. College

### ORGANISING SECRETARIES:

1. Dr. Sudipta Kumar Ghorai Assistant Prof. & Coordinator of P.G., & Department of Zoology, Egra S.S.B. College
2. Mr. Debajyoti Pradhan H.O.D (U.G.), Department of Zoology, Egra S.S.B. College
3. Prof. Mamtaj Khatun H.O.D, Dept. of Botany, Egra S.S.B College

### ORGANISING MEMBERS:

Dr. Sachchidananda Bhattacharya; Dept. of Zoology  
Mr. Bishnupada Pradhan; Dept. of Zoology  
Mr. Debasish Maity; Dept. of Zoology  
Mrs. Sanchita Nayak; Dept. of Zoology  
Mr. Chandan Nandi; Dept. of Zoology  
Mr. Santosh Bera; Dept. of Zoology  
Mr. Santu Paria; Dept. of Zoology  
Ms. Debopriya Roy Mahapatra; Dept. of Zoology  
Dr. Nirmal Kumar Hazra; Dept. of Chemistry  
Dr. Dipak Bisai; Dept. of Geography  
Mr. Prosenjit Murmu; Dept. of Geography  
Dr. Bablu Samanta; Dept. of Mathematics  
Dr. Chayan Ranjit; Dept. of Mathematics  
Mr. Maniklal Pati; Dept. of Botany  
Dr. Pradip Mondal; Dept. of Physics  
Dr. Aloy Chand Biswas; (IQAC Co-ordinator)  
Mr. Gopal Nayak, Dept. of Zoology

## **ABOUT THE SEMINAR**

Brace yourself for a fascinating exploration of the ocean's hidden gems! The Department of Zoology and Botany at Egra SSB College proudly presents a **State-Level Seminar on Coastal Biodiversity and its Conservation**. This marquee event promises to unveil the wonders of our coastal ecosystems and ignite a collective passion for their protection.

Whether you're a seasoned scientist, a passionate student, a concerned citizen, or simply curious about the wonders of the coast, this seminar welcomes you with open arms. Join us for this transformative journey and become a part of the movement to protect the treasures of our coastline.

**Mark your calendars, spread the word, and be a part of this pivotal event!** The Egra SSB College State-Level Seminar on Coastal Biodiversity and its Conservation promises to be a catalyst for change, a wave of knowledge and action that will safeguard the future of our precious coastal ecosystems for generations to come.

## **AIMS / OBJECTIVES OF THE SEMINAR**

The Department of Zoology and Botany at Egra SSB College proudly presents a State-Level Seminar on Coastal Biodiversity and its Conservation, aiming to achieve the following key objectives:

### **1. Knowledge Dissemination and Awareness Building:**

- **Highlight the richness and significance of coastal biodiversity:** Showcase the diverse ecosystems, unique species, and complex ecological interactions found within coastal habitats like mangroves, coral reefs, and seagrass meadows.
- **Raise awareness about the threats to coastal ecosystems:** Illuminate the challenges posed by pollution, climate change, overexploitation, and unsustainable practices, emphasizing the urgency of conservation action.
- **Disseminate cutting-edge research and best practices:** Provide a platform for renowned experts to share their knowledge and insights on effective conservation strategies and sustainable resource management approaches.
- **Educate and empower the general public:** Engage citizens, policymakers, stakeholders, and students in understanding the vital role coastal ecosystems play in maintaining environmental health and supporting human well-being.

### **2. Fostering Collaboration and Action:**

- **Promote multi-stakeholder dialogue and collaboration:** Bring together researchers, policymakers, conservationists, NGOs, local communities, and industry representatives to discuss collaborative conservation initiatives.

- **Strengthen the network of coastal conservation practitioners:** Facilitate knowledge exchange and networking opportunities among stakeholders, fostering synergies and joint efforts towards safeguarding coastal resources.
- **Identify research gaps and prioritize future research endeavors:** Stimulate discussions on emerging research topics and challenges, guiding future research directions for maximizing impact on coastal conservation.
- **Develop actionable recommendations and policy briefs:** Encourage the translation of research and best practices into concrete policy interventions and management strategies for effective coastal conservation.

### 3. Inspiring the Next Generation of Stewards:

- **Nurture a passion for coastal ecosystems:** Encourage young minds to appreciate the beauty and wonder of coastal environments, fostering a sense of responsibility towards their protection.
- **Equip students and early-career researchers with relevant knowledge and skills:** Provide workshops and training sessions on key areas like field research methods, data analysis, community engagement, and communication skills, empowering them to become future leaders in coastal conservation.
- **Generate enthusiasm for citizen science initiatives:** Promote involvement in participatory monitoring and data collection projects, allowing individuals to contribute directly to safeguarding coastal biodiversity.
- **Highlight career opportunities in coastal conservation:** Showcase diverse career paths and inspire students to pursue their passion for protecting these valuable ecosystems.

### 4. Promoting Sustainable Coastal Development:

- **Advocate for integrated coastal zone management (ICZM):** Emphasize the importance of balancing economic development with the need to protect the ecological integrity of coastal ecosystems.
- **Highlight the economic value of coastal biodiversity:** Showcase the contributions of healthy coastal ecosystems to fisheries, tourism, and livelihoods, advocating for sustainable resource use and conservation practices.
- **Promote community-based conservation initiatives:** Encourage participatory approaches that empower local communities to become active guardians of their coastal resources.
- **Integrate traditional knowledge and practices:** Recognize the value of indigenous knowledge and integrate it with scientific approaches for effective coastal conservation management.

**NO OF PARTICIPANTS: 108**

**NO OF ABSTRACTS PUBLISHED:**

**OUTCOME:**

The seminar on Coastal Biodiversity and its conservation organized by the Department of Zoology and Botany of Egra SSB College seems to have had a positive impact, especially with the participation of Prof. Amal Mandal from the Department of Botany at VU and Punyasloke Bhadury from IISER Kolkata (Indian Institute of Science Education and Research).

Here are some probable outcomes of the seminar:

1. **Increased Awareness:** The seminar likely contributed to raising awareness among the 130 participating students about the importance of coastal biodiversity and the need for its conservation. Professors from renowned institutions would have shared insights and information that could inspire students to engage more deeply with the subject.
2. **Knowledge Enrichment:** The students would have gained valuable knowledge from the vast experience and expertise of Prof. Amal Mandal and Punyasloke Bhadury. The topics covered may include various aspects of coastal ecosystems, the diversity of species, threats to biodiversity, and conservation strategies. This knowledge could prove beneficial for their academic pursuits and future careers.
3. **Networking Opportunities:** The seminar provided a platform for students to interact with experts in the field. This networking opportunity may lead to future collaborations, internships, or research projects for the students. Building connections with professionals and academics is crucial for those interested in pursuing careers related to coastal biodiversity and conservation.
4. **Inspiration for Research:** The information shared by the speakers might have sparked interest among students to delve deeper into research related to coastal biodiversity. Some students may be motivated to pursue projects or studies focusing on the conservation of coastal ecosystems, contributing to the academic and scientific community.
5. **Enhanced Curriculum:** The seminar could lead to improvements in the college's curriculum, with insights gained from the speakers incorporated into relevant courses. The department may consider expanding its focus on coastal biodiversity, ensuring that students receive comprehensive education in this field.
6. **Community Engagement:** The seminar may have encouraged students to actively engage with local communities for conservation efforts. This could involve organizing awareness

campaigns, participating in clean-up initiatives, or collaborating with local authorities to address specific challenges faced by coastal ecosystems.

7. **Feedback for Future Seminars:** Feedback from participants could be used to assess the success of the seminar and identify areas for improvement. This feedback can be valuable for organizing future events, ensuring they meet the expectations and needs of the students.

Overall, the seminar likely had a positive impact on the students, providing them with knowledge, inspiration, and networking opportunities in the field of coastal biodiversity and conservation.

