## **BOOST PROJECT COMMITTEE**

## **ANNUAL REPORT 2024-2025**

#### **Conveners:**

- Dr. Priyadarshini Mallick, Assistant Professor in Microbiology
- A.R. Md. Mustafizur Rahaman, Assistant Professor in Zoology
- Dr. Amitava Ghosh, SACT in Botany

#### **Members:**

- Dr. Soma Halder, Associate Professor in Botany
- Dr. Tathagata Roy Chowdhury, Associate Professor in Botany
- Dr. Sriparna Datta Ray, Associate Professor in Zoology
- Dr. Tapan Kumar Roy, Assistant Professor in Zoology
- Dr. Mithu Biswas, Assistant Professor in Botany
- Dr. Bidisha Maitra Sen, Assistant Professor in Industrial Fish and Fisheries
- Sri Ramkrishna Das, Assistant Professor in Industrial Fish and Fisheries
- Dr. Ayesha kabir, Assistant Professor in Bio-Chemistry
- Dr. Kanchan Karmakar, Assistant Professor in Bio-Chemistry
- Dr. Arpita Mandal, Assistant Professor in Microbiology
- Smt. Parbatee Nag, SACT in Microbiology
- Sri Indrajit Ghosh, SACT in Environmental Science
- Sri Nirmalya Chakraborty, SACT in Microbiology

#### TITLE OF SEMINAR:

WORKSHOP CUM TWO DAY PRACTICAL DEMONSTRATIONS ON BIOFERTILIZER AND BIOPESTICIDES ORGANIZED BY BOOST PROJECT COMMITTEE, DEPARTMENT OF BOTANY AND IQAC-ASUTOSH COLLEGE

### THEME OF THE EVENT:

WORKSHOP ON PRACTICAL DEMONSTRATIONS AND HANDS-ON TRAINING IN MICROBIOLOGICAL TECHNIQUES OF ISOLATION AND CULTURE OF MICROORGANISMS RELATED TO BIOPESTICIDE AND BIOFERTILIZERS

**ACADEMIC SESSION:** 2024 to 2025

**DATE:** 22.8.24 and 23.8.24

**VENUE:** BOOST LABORATORY, 4<sup>TH</sup> FLOOR, MAIN BUILDING ASUTOSH COLLEGE

### **OBJECTIVE/PURPOSE:**

The primary objective of the proposed workshop is to provide hands-on-training to college students in the techniques of different selective media preparation, isolation of

microorganisms which are useful as biofertilizer and biopesticide, obtaining pure culture and stock maintenance, identification and characterization of the desired and useful microorganisms.

### **RESOURCE PERSONS/ FACULTIES:**

- 1. DR. MRS. PHALGUNI BHATTACHARYYA, DEPARTMENT OF BOTANY, SHIBPUR DINOBUNDHOO INSTITUTION COLLEGE
- 2. DR. PRADYUT BISWAS, DEPARTMENT OF BOTANY, ASUTOSH COLLEGE
- 3. DR. MITHU BISWAS, DEPARTMENT OF BOTANY, ASUTOSH COLLEGE
- 4. DR. AMITAVA GHOSH CONVENOR, DEPARTMENT OF BOTANY, ASUTOSH COLLEGE
- 5. NIRMALYA CHAKRABORTY DEPARTMENT OF MICROBIOLOGY
- 6. BISWAJIT MUKHERJEE, DEPARTMENT OF BOTANY

**PARTICIPANTS:** FACULTY MEMBERS AND STUDENTS (SEM-II BOTANY MAJOR) (CCF, 2023-2027) OF ASUTOSH COLLEGE, KANAILAL BHATTACHARYYA COLLEGE and SHIBPUR DINOBUNDHOO INSTITUTION COLLEGE (DEPARTMENT OF BOTANY)

## **ATTENDANCE SHEET: \*(ENCL)**

### BRIEF REPORT ABOUT THE EVENT/ PROGRAMME:

The seminar was inaugurated by the Convener, Dr. Amitava Ghosh. Welcome address was given by Dr. Supatra Sen, The Head of the Department of Botany. Dr. Sraboni Roy (IQAC Co-ordinator) and Dr. Rina Kar Dutta (Teachers' Council Secretary) added few words in favour of the event. A seminar was presented by DR. MRS. PHALGUNI BHATTACHARYYA followed by practical session mentored by Dr. NIRMALYA CHAKRABORTY and DR. BISWAJIT MUKHERJEE. Second day the session began with a seminar presented by Dr. PRADYUT BISWAS followed by practical session mentored by DR. MRS. PHALGUNI BHATTACHARYYA and Dr. MITHU BISWAS. The workshop was concluded by Dr. Amitava Ghosh, Convenor of the workshop, with a vote of thanks.

**EXPECTED OUTCOME:** The workshop helped the students to understand different microbiological techniques, newly introduced in the CCF syllabus. The lectures and demonstrations were explanatory. Students prepared specimen slides individually, practised the microbiological techniques individually which encouraged them and made them confident in appearing practical exams. Students and Faculty members of three participating Colleges were enriched in sharing knowledge and also in sharing the microbial culture stocks to be required in due course.



















# Attendance

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