

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, 4TH 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 DINO BUNDHOO 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 DINO BUNDHOO 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.



Kolkata, West Bengal, India
 92, Shyama Prasad Mukherjee Rd, Jatin Das Park, Patuapara, Bhowanipore, Kolkata, West Bengal 700025, India
 Lat 22.525236°
 Long 88.345944°
 22/08/24 12:47 PM GMT +05:30



92, Shyama Prasad Mukherjee Rd, Jatin Das Park, Patuapara, Bhowanipore, Kolkata, West Bengal 700025, India
 Latitude 22.5252727°
 Longitude 88.3459923°
 Local 11:51:30 AM
 GMT 06:21:30 AM
 Altitude 12 meters
 Friday, 23.08.2024



26, Basanta Bose Rd, near Ashutosh College, Jatin Das Park, Patuapara, Bhowanipore, Kolkata, West Bengal 700026, India
 Latitude 22.52518353°
 Longitude 88.34592659°
 Local 02:38:38 PM
 GMT 09:08:38 AM
 Altitude 12 meters
 Friday, 23.08.2024

WORKSHOP CUM TWO DAY PRACTICAL DEMONSTRATIONS ON BIO-FERTILIZER AND BIO-PESTICIDE

IN ASSOCIATION WITH
DEPARTMENT OF BOTANY, DBT-BOOST LABORATORY AND IQAC, ASUTOSH COLLEGE

RESOURCE PERSONS
DR. MRS. PHALGUNI BHATTACHARYYA (SDBIC, HOWRAH)
DR. PRADYUT BISWAS
DR. MITHU BISWAS
DR. NIRMALYA CHAKRABORTY

22ND AND 23RD AUGUST, 2024 AT 11 AM

VENUE: DBT-BOOST LABORATORY, 4TH FLOOR, MAIN BUILDING, ASUTOSH COLLEGE
ADDRESS: 92, S.P. MUKHERJEE ROAD, KOLKATA- 700 026

Phyllosphere
Microbiome
(Plant Surface)

Rhizosphere
Microbiome

Endosphere
Microbiome





Attendance

Workshop Cum Two Day Practical Demonstration on Bio-fertilizer and Bio-Pesticide

classmate
Date _____
Page _____

Date - 23.8.24

Name	Roll no.	Signature	E-mail id.
1) Rajdeep Mohanta	0820	Rajdeep Mohanta	vajidesperohanta249@gmail.com
2) Susti Rout	0680	Susti Rout	santusouth59@gmail.com sustirout65@gmail.com
3) Debitarany Barman	0102	Debitarany Barman	barmanisatirany816@gmail.com
4) Debabrata Barman	1885	Debitarany	debratabarman726@gmail.com
5) Anshu Basak	0335	Anshu Basak	anshbasak3@gmail.com
6) Soha Ali Mondal	0069	Soha Ali Mondal	sohadimondal05@gmail.com
7) Banasree Mondal	1179	Banasree Mondal	banasreemondal28@gmail.com
8) Aftab Hossain	0015	Aftab Hossain	bncftab07@gmail.com
9) Sohida Sultana	0288	Sohida Sultana	sultanasohida73@gmail.com
10) Smriti Santra	1059	Smriti Santra	SmritiSantra63@gmail.com
11) Kayanath Barman	1111	Kayanath Barman	Kayanathbarman1111@gmail.com

22/8/2024 - Workshop / Two day Practical Demonstration on Biofertilizer and Biopesticide.
14 students from Asutosh College + 2 students from KBC

Adeu
21/8/2024