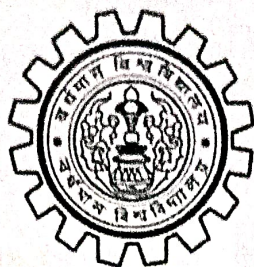


**Social Outreach Programme on ' Microbes in Nitrogen
Fixation & as Phosphate Solubilizer for Agricultural Land'**



Paper – MSB0307

Workshop on Awareness campaign on
preservation of Biodiversity, agrobiodiversity, medicinal plants etc.

At Saratpally, near Golapbag More,
Purba Bardhaman, West Bengal

Supervised By

**Prof. TUSHAR KANTI MAITI &
Prof. RAJIB BANDOPADHYAY**

**Department of Botany
University of Burdwan**

Submitted By

MRITYUNJOY GARAI

ROLL NO. : BUR/BOT/2022/023

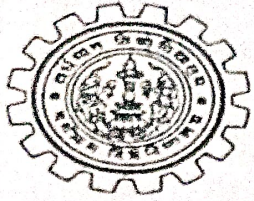
REG. NO. : 202203000497 of 2022-23

M.Sc. SEMESTER-III

(MICROBIOLOGY SPECIALIZATION)

SESSION : 2022-24

ONE DAY SOCIAL OUTREACH PROGRAMME ON "SEED TREATMENT CAMPAIGN (FEBRUARY 8, 2024)



Organized by
Prof. P.N. BHADURI CROP RESEARCH AND SEED
MULTIPLICATION FARM (PNBCRSMF)
in collaboration with
Department of Botany
THE UNIVERSITY OF BURDWAN
BURDWAN 713104
WEST BENGAL, INDIA

To whom it may concern

This is to certify that **Mrityunjoy Garai**, M.Sc. Botany 3rd semester, Roll No. BUR/BOT/2022/023, Department of Botany, The University of Burdwan, West Bengal, delivered the topic "**Microbes in N₂ fixation & as phosphate solubilizer**" on February 8, 2024 for One day Social outreach programme on "Seed Treatment Campaign" at Saraitikar, Purba Bardhaman for farmers, growers, researchers etc. organized by Prof. P.N. Bhaduri Crop Research and Seed Multiplication Farm (PNBCRSMF) in collaboration with Department of Botany, The University of Burdwan. The aim of the above event are the maintenance of seed borne and primary soil borne diseases, maintenance of vigour and viability of seed during seed storage and after planting in the soil, breaking seed dormancy, increasing nitrogen fixation and better field performance and productivity of crops.

During his talk on the above event at Saraitikar, Purba Bardhaman, West Bengal for farmers, growers, researchers, **Mrityunjoy Garai** interacted with farmers, researchers, and growers, providing them with valuable insights.

Hope to get a chance to hear such motivational speeches from you in future.

I wish him all the success in life.

Dr. Sabyasachi Patra
Coordinator &
Assistant Professor (Seed Technology)

PNBCRSMF, Department of Botany,
The University of Burdwan

Professor Rajib Bandopadhyay
Director, PNBCRSMF & 12-03-2024
Head, Department of Botany

The University of Burdwan

Acknowledgement

I would like to express my sincere gratitude to Prof. Tushar Kanti Sir Maiti for suggesting and guiding me about this topic.

I extend my deepest appreciation to Prof. Rajib Bandopadhyay Sir, Head of Department Botany & Prof. Sabyasachi Patra Sir for organizing this one day programme & giving us the opportunity to participate there.

I am grateful to Ms. Tithi Soren Mam for her support & suggestions.

I am also indebted to the farmers who came that day to attend that programme and interact with us. For them we get to know the different practical problems of farming.

Special thanks are due to my institution, University of Burdwan where I am currently studying and for why I get this opportunity.

Furthermore, I am grateful to all the Scholars and my friends for their encouragement, moral support, and stimulating discussions.