

**SOCIAL OUTREACH PROGRAMME FOR CREATING
PUBLIC AWARENESS ABOUT THE PLASTIC WASTE
AND ITS MANAGEMENT AT BOLPUR COLLEGE
BOTANY DEPARTMENT, BIRBHUM, WEST BENGAL**



Social outreach programme submitted to The
University of Burdwan for partial fulfillment of
M.SC degree course in Botany

Supervised by Dr. TUSHAR KUMAR MAITI

Professor of Department of Botany

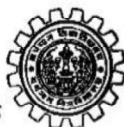
The University of Burdwan

Submitted by SABINA YASMIN

Roll No- **Bur Bot 2019/044**

Registration No – **201601042926** of 2016-17

Dr. Tushar Kanti Maiti
PROFESSOR
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To whom it may concern

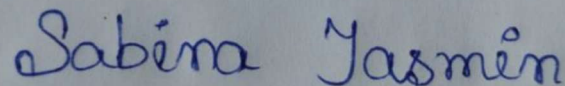
This is certify that the work presented in the Social Outreach Programme entitled " Plastic waste and its management" submitted bySabina Yasmin.....a student of M.Sc (Botany), Special Paper Microbiology, Department of Botany, The University of Burdwan, for partial fulfilment of M.Sc. Degree absolutely based upon his/her own project work under the guidance of the undersigned.

With best wishes,

25.08.21
(T. K. Maiti)

Acknowledgment

- This social outreach program is done for creating public awareness about use of plastic, increasing amount of plastic day by day and what should be their management practices through an online seminar with the students of B.SC, Department of Botany, Bolpur college, Birbhum.
- This Social outreach program will remain impossible with out extensive help of all the members of Department of Botany especially Microbiology section.
- I am most grateful to Dr. Tushar Kanti Maiti, Professor of Botany Department, The University of Burdwan, for his continuous support, guidance and effort, valuable discussion and proper guidance.
- I am also thankful to Dr. Rajib Bandhopadhyay, Professor of Deaprtment of Botany, The University of Burdwan.
- I am also thankful to the teachers and students of Botany department of Bolpur college, for their extreme cooperation and support to complete my online seminar program.
- I am also thankful to all of my friends for their cooperation.
- I am grateful to my parents for their full support, understanding and encouragement.



Date 25.08.2021

Place – Burdwan, West Bengal

Sabina Yasmin

Achievement

বোলপুর কলেজ



BOLPUR COLLEGE

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Date:20.07.2021

To whom it may concern

We are glad to certify Miss. Sabina Yasmin, an M.Sc Botany student of 4th Sem, The university of Burdwan, Department of Botany for her excellent online presentation on *Plastic Waste and its management* as a part of Dissertation Paper. It is a part of the social outreach program needed for the completion of M.Sc. degree at The University of Burdwan. We wish her a successful career ahead.

S. Mandal

20.07.2021

Signature of HOD of Dept of Botany
Bolpur College

HEAD
Deptt. of Botany
Bolpur College

5. **Incineration** - It is a method in which the burning of the inflammable waste at high temperature to reduce the quantity of the plastic waste into ash. The heat generated may be used for the generation of the power by using boilers.
6. **Landfill** - Fly ash generated from the incineration process to be dumped on landfilled. Landfill is a very delicate and complex structure, design and position possible in ground or above ground in which solid waste was separated from neighbouring environment.

Activity

The aim of this social outreach program is to create public awareness about the destructive effect of plastic on natural environment, marine environment and human health, increasing amount of plastic waste and what should be management practices for controlling plastic pollution. So I have arranged an online seminar with the students of Department of Botany of Bolpur College, Birbhum.

