

Social out-Reach Programme
On
Awareness about Antibiotic Uses

The University Of Burdwan



Under the guidance of
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Submitted By
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*Submitted
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05/08/19*

SPECIAL PAPER: MICROBIOLOGY

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To whom it may concern

This is to certify that the social out-reach programme entitled "**Awareness About Antibiotic uses**" submitted by Mamata Khatun, student of M. Sc. 4th semester in Botany with Microbiology specialization in the session 2017-2019 under The University of Burdwan for the partial fulfilment of the degree of Master in Science absolutely based on her own project work under my supervision. Neither this work nor any part of it has submitted for another academic award anywhere before.

Dated: 05/08/19

Rajib Bandopadhyay
(RAJIB BANDOPADHYAY)
05/08/19

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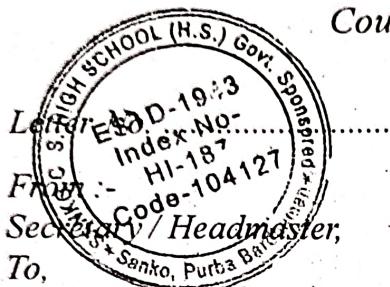
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Estd. - 1943

Date 28/06/19



It is certified that Mamata khatun , student of M.sc. 4th semester (Botany) of the University of Burdwan, organized a social out-reach activity on "Awareness about Antibiotic Uses" in our school , " Sanko C.S High School, P.O-Sanko ,DIST –Burdwan,Pin -713141.

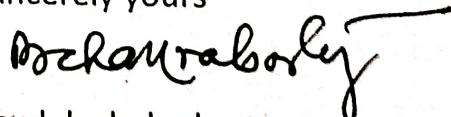
Through this social activity students of our school have been aware of Antibiotic uses and Antibiotic resistant bacteria .

So we are glad for arranging this social out-reach activity on Antibiotic which was conducted by Mamata Khatun in our school .

Date - 28/6/19

Thank you ,

Sincerely yours



Basudeb Chakraborty
Headmaster
Sanko C.S. High School (P.S.)
Govt. Sponsored, Sanko
Purba Bardhaman

Acknowledgement

I pay sincere gratitude to my teacher **Dr. Rajib Bandopadhyay**, Professor, Department of Botany, Burdwan University for supporting my work with his constant guide, suggestions and a great encouragement for this programme.

I am very much thankful to my respected sir Head master **Basudeb Chakraborty, Sanko Chandra Sekhar High School (H.S)**, P.O- Sanko, Dist-Burdwan, for giving me the opportunity to take one class on how I shaped this project and also for the interactive session with the students of this department.

I also pay my sincere gratitude to **Mr. Raju Biswas** (Research scholar in Microbiology, Department of Botany, The University of Burdwan) for giving me all the attention needed and helping me throughout this programme.

Last but not the least I am thankful wholeheartedly to the wonderful students of class X who cooperated with me fully to carry out this programme by their warm presence and intellectual interaction.

Date: 05/08/19
Place: Burdwan

Mamata Khatun
Mamata Khatun

3.2: Criteria for choosing the outreach venue:

I have chosen **Sanko Chandra Sekhar High School**, P.O –Sanko, Dist –Purba Bardhaman, because

Most of the students of the school are from remote area-

- ✓ They might have not been aware about the effect of Antibiotic and Antibiotic Resistant bacteria.
- ✓ It must be known to all students how bacteria resistant to Antibiotics, Antibiotic resistant bacteria and effects of Antibiotic on human health.
- ✓ The students will further aware their family and neighboring people.

3.3: Activities in the class room :

The social outreach programme was done in **Sanko Chandra Sekhar High School**, at **Sanko, Burdwan** on 28 th June 2019. At first I interacted with the Head Master **Basudeb Chakraborty** of the school. He allowed to me arrange my social out-reach programme. He accommodated me a classroom in which about 38 students of class ten were present. I had discussed the topic, “Awareness about Antibiotic Uses” and Antibiotic resistant bacteria with them. First I had discussed with them what is Antibiotic, history of Antibiotics, microbial sources of Antibiotics, classification of Antibiotics, misuse of Antibiotics, Antibiotic resistance, Antibiotics side effects, resistance prevention etc. Then I explained that Antibiotic resistance is increasing day to day.

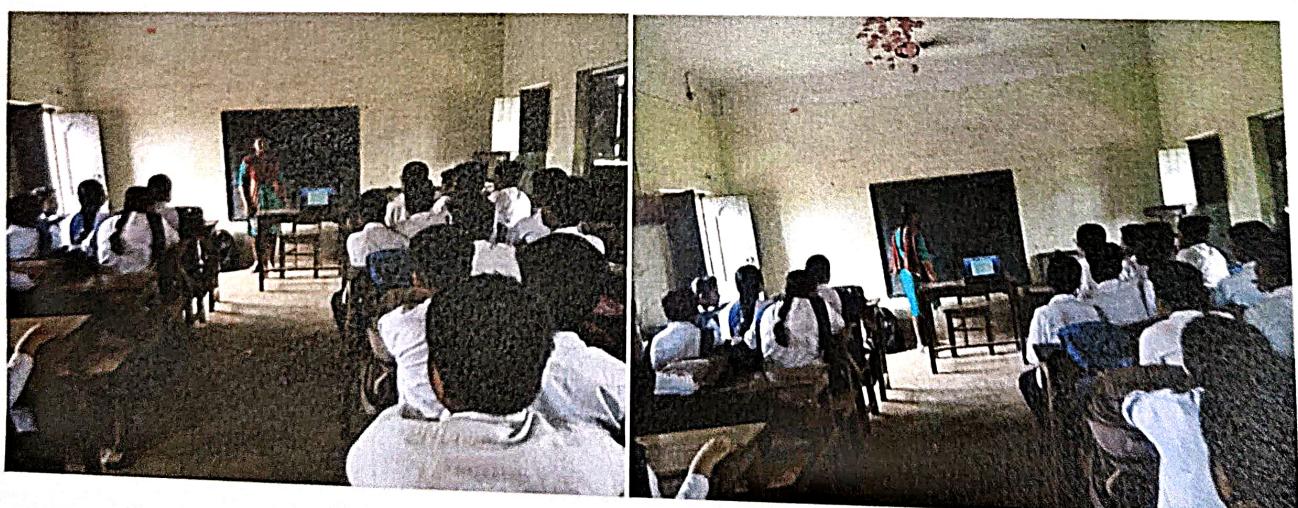


Fig 1: My performance in the classroom to aware the student about the Antibiotics and Antibiotic Resistant bacteria.