



Report On

Faculty and Student Exchange Programmes

Under MoU

With Dinabandhu Andrews College

Organised By Department of Microbiology of Raidighi College

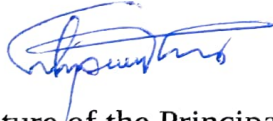
In Collaboration with

Department of Microbiology of Dhruba Chand Halder College

Programmes under MoU with Dinabandhu Andrews College
54, Raja Subodh Chandra Mallick Rd, Milan Park, Baishnabghata, Garia, Kolkata, West Bengal 700084

Session 2019-20

Sl. No.	Title of the Event or Activity Organised	Date or Period of the Event or Activity	Convenor of the Event or Involved Teacher(s)	No. of Participants	Beneficiary
1.	Joint Academic and Programme on "Save Water Campaign"	12-09-2019	Arunima Biswas, Raidighi College	31	Students and Teaching & Non Teaching Staff Members



Signature of the Principal
Dinabandhu Andrews College
Principal
Dinabandhu Andrews College
Garia, Kolkata-700 084



Signature of the Principal
Raidighi College
PRINCIPAL
RAIDIGHI COLLEGE

Programmes under MoU with Dinabandhu Andrews College

54, Raja Subodh Chandra Mallick Rd, Milan Park, Baishnabghata, Garia, Kolkata, West Bengal 700084

Session 2020-21

Sl. No.	Title of the Event or Activity Organised	Date or Period of the Event or Activity	Convenor of the Event or Involved Teacher(s)	No. of Participants	Beneficiary
1.	Online State Level UG Student Slogan Competition to observe World Antimicrobial Awareness Week, 2020	19-11-2020	Arunima Biswas, Raidighi College	29	Students
2.	Online State Level PG Student Slogan Competition	19-11-2020	Arunima Biswas, Raidighi College	11	Students
3.	Online State Level Slogan Competition for UG & PG Students	27-04-2021	Arunima Biswas, Raidighi College	24	Students

Signature of the Principal
Dinabandhu Andrews College

Principal
Dinabandhu Andrews College
Garia Kolkata-700 084

Signature of the Principal
Raidighi College
PRINCIPAL
RAIDIGHI COLLEGE

Programmes under MoU with Dinabandhu Andrews College

54, Raja Subodh Chandra Mallick Rd, Milan Park, Baishnabghata, Garia, Kolkata, West Bengal 700084

Session 2022-2023

Sl. No.	Title of the Event or Activity Organised	Date or Period of the Event or Activity	Convenor of the Event or Involved Teacher(s)	No. of Participants	Beneficiary
1.	Student slogan competition to observe International Microorganism Day 2022	14-09-2022	Shakuntala Ghorai, Raidighi College	10	Students



Signature of the Principal
Dinabandhu Andrews College

Principal
Dinabandhu Andrews College
Garia, Kolkata-700 084



Signature of the Principal
Raidighi College

PRINCIPAL
RAIDIGHI COLLEGE

Collaborative initiative under MoU between Raidighi College and

Dinabandhu Andrews College, Kolkata:

A community awareness program on Water Scarcity and Water Safety

Event synopsis:

Water is the most important and valuable natural resource on Earth. It sustains all life. There is no life without water. Water is not only important for human beings but for the entire ecosystem. About 71% of Earth's surface is covered with water. Unfortunately, only 3% of the water available is freshwater. About two-thirds of the freshwater lies in the form of frozen glaciers and ice caps. The rest of the small portion is available in the form of groundwater and surface water. Depletion of fresh water has become a threat to our existence. The World Health Organisation (WHO) data shows that many people on this planet don't have access to clean and fresh drinking water. These situations are becoming worse day by day, and we need an immediate plan to control this situation. Access to sufficient and safe potable water is a basic right for all humans. The government and the citizens have to take the initiative to create awareness and promote the conservation of water, as well as ensure its safety. Large scale awareness campaign has become the need of the day.

On 12th September, 2019, Raidighi College organized "Save Water Campaign"—a community awareness program on Water Scarcity and Water Safety, inspired by Honourable Prime Minister's JALSHAKTI ABHIYAN, by the initiatives of Ministry of Human Resource Development, Govt. of India, and Chief Minister's Water Conservation Project. For this purpose, representatives from local government, representatives from local community (including teachers and students of local schools), and all stakeholders of the college were invited. There were total 185 participants. The event took place in the 1st floor conference room of Acharya Jagadish Chandra Bose Bhavan from 11 am to 5

pm. This program was also graced by representatives of our chief patron P. C. CHANDRA Group and by representatives from Dinabandhu Andrews College, Garia, Kolkata.

Convenor Dr. Arunima Biswas hosted the event. The event was inaugurated by watering a potted plant. Principal Dr. Sasabindu Jana, and representatives from college Governing Body explained the purpose of this program to the participants and appreciated their interest and willingness to be a part of this global campaign for water conservation. All guests were gifted with a potted sapling.

As a part of this same program, water samples collected from Raidighi and adjoining areas of Mathurapur Block I, II were tested for presence of arsenic and pathogenic microorganisms, to assess their safety as drinking water. This activity was carried out in collaboration by Dept. of Microbiology, Raidighi College and Dept. of Microbiology, Dinabandhu Andrews College, Garia, Kolkata.

Local people were advised on water safety according to the test results.



SAVE WATER CAMPAIGN

A Community Awareness Program

To observe **SWACHHTA PAKHWADA 2019**
of
**MINISTRY OF HUMAN RESOURCE DEVELOPMENT,
GOVERNMENT OF INDIA**

Organised by
RAIDIGHI COLLEGE



DRINK CLEAN WATER / LIVE BETTER

নিরাপদ জল পান করুন/ সুস্থ থাকুন

A COMMUNITY AWARENESS PROGRAM

on
Water Safety

Organized by

Departments of Microbiology
Dinabandhu Andrews College & Raidighi College
12th September 2019

From: **Swapna Mukherjee** <swamuk15@gmail.com>

Date: Fri 23 Aug, 2019 16:20

Subject: Joint Academic Program with Dinabandhu Andrews College, Garia, Kolkata 700084

To: Swapna Mukherjee <swamuk15@gmail.com>

To

The Principal

Raidighi College, Raidighi

South 24 Parganas,

Pin 743383

Sir,

I am grateful to you for giving your consent for conducting a Community Awareness Program on a Public Health issue, jointly, with the Department of Microbiology of your college. Accordingly , I am requesting you to confirm the date of the program (tentative date is 12th September, 2019) at your earliest.

The program schedule will be finalized after discussion with Dr. Arunima Biswas, HOD, Dept. of Microbiology.

Hope this joint academic initiative will be beneficiary for the students as well as strengthen the bond between the Departments of Microbiology of these two colleges.

Thank you again for your support and cooperation.

Dr. Swapna Mukherjee,

HOD, Department of Microbiology

Dinabandhu Andrews College, Garia

Kolkata 700084

To: "Swapna Mukherjee" <swamuk15@gmail.com>

Cc:

Sent: Sun, 1 Sep 2019 at 19:10

Subject: Confirmation of Joint Academic Program of Raidighi College with Dinabandhu Andrews College

To

The Principal

Dinabandhu Andrews College,

Garia,

Kolkata 700084

Subject: Joint Academic Program of Raidighi College with Dinabandhu Andrews College

Dear Sir,

I wholeheartedly appreciate the initiative on the part of Department of Microbiology of your esteemed College to conduct a Community Awareness Program on a Public Health issue ('Drink clean water/Live better') jointly, with our Department of Microbiology.

Accordingly , I am confirming the date of the program (12th September, 2019), as suggested by Dr. Swapna Mukherjee, HOD, Department of Microbiology, Andrews College.

As part of the same program, we will be also focusing on the grave issue of water scarcity ("Save Water campaign").

We will be honored if we could have you as our respected dignitary in the program.

I sincerely hope that the bond between the two organizing depts will be strengthened through this great endeavor to promote awareness on water safety and scarcity.

Thanking you

Sincerely

Dr. Sasabindu Jana

Principal

Raidighi College.

Test Results:

1. Test for presence of Arsenic: No arsenic was found in any of the water samples.

2. Microbial tests:

Quality Assessment Report of Water Samples Collected from Raidighi and Adjoining Regions					
SERIAL NO.	NAME OF THE SAMPLE DONOR	PRESENCE/ ABSENCE OF COLIFORMS	PROBABLE MICROORGANISMS PRESENT	QUALITY OF WATER	SAFE/ UNSAFE FOR DRINKING
1	Barun Kanthi Haldar	Coliform present	<i>Klebsiella sp.</i>	Bad	May not be Safe
2	Pampa Kayal	Coliform present	<i>Klebsiella pneumoniae, Citrobacter sp</i>	Bad	May not be safe
3	Anwsha Kar Gupta	Coliform present	<i>Klebsiella pneumonia, Citrobacter sp, Pseudomonas sp.</i>	Bad	May not be safe
4	Pratima Bikram	No coliform	<i>Pseudomonas sp.</i>	Fair	Fair
5	Indrajit Haldar	Faecal coliform Present	<i>E. coli, Klebsiella pneumoniae</i>	Very Bad	Unsafe
6	Parameshwar Sardar	Nocoliform	<i>Pseudomonas sp</i>	Fair	Fair
7	Sayani Kayal	Coliform Present	<i>Klebsiella sp, Citrobacter sp, Pseudomonas sp</i>	Bad	May not be safe
8	Chanchal Das 1	Coliform Present	<i>Klebsiella sp, Pseudomonas sp</i>	Bad	May not be safe
9	Chanchal Das 2	Coliform present	<i>Citrobacter sp, Klebsiella pneumoniae, Pseudomonas sp</i>	Bad	May not be safe
10	Debashish Haldar	Few Coliform present	<i>Klebsiella pneumoniae, Citrobacter sp, Pseudomonas sp</i>	Bad	May not be safe
11	Kunal Haldar	Faecal Coliform present	<i>E. coli, Klebsiella pneumoniae, Pseudomonas sp</i>	Very Bad	Unsafe
12	Jayanta Purkait	Faecal Coliform present	<i>E. coli, Klebsiella sp, Pseudomonas sp</i>	Very Bad	Unsafe
13	Asmaul Piyada	No coliform	<i>Pseudomonas sp</i>	Fair	Fair
14	Mamta Pramanik	Faecal Coliform Present	<i>E. coli, Pseudomonas sp,</i>	Very Bad	Unsafe
15	Amit Bhandari	No coliform	<i>Pseudomonas sp</i>	Fair	Fair

16	Runa Bairagi	Coliform present	<i>Klebsiella pneumoniae, Citrobacter sp, Pseudomonas sp</i>	Bad	May not be safe
17	Arnab Das Baidya	Faecal Coliform present	<i>E. coli, Pseudomonas sp</i>	Very Bad	Unsafe
18	Manturam Durkon	No coliform		Good	Safe
19	Sambhunath Haldar	Coliform present	<i>Klebsiella sp</i>	Bad	May not be safe
20	Narendranath Haldar	Faecal coliform present	<i>E. coli, Klebsiella pneumoniae</i>	Very Bad	Unsafe
21	Parbati Gayen	Coliform Present	<i>Klebsiella pneumoniae, Pseudomonas sp</i>	Bad	May not be safe
22	Afjal Hossen Khan	Faecal Coliform present	<i>E. coli, Klebsiella pneumoniae</i>	Very Bad	Unsafe
23	Promat gayen	Coliform present	<i>Klebsiella sp, Citrobacter sp</i>	Bad	May not be safe
24	Kanchan Mondol	Coliform Present	<i>Klebsiella sp, Citrobacter sp, Pseudomonas sp</i>	Bad	May not be safe
25	Rajkumar Podal	Coliform present	<i>Klebsiella sp</i>	Bad	May not be safe
26	Durbadal Purkait	No coliform	<i>Pseudomonas sp</i>	Fair	Fair
27	Riyanka Gayen	Coliform present	<i>Klebsiella pneumonia, Citrobacter sp</i>	Bad	May not be safe
28	Sarbajit Mondol	Coliform present	<i>Klebsiella pneumoniae, Pseudomonas sp</i>	Bad	May not be safe
29	Raidighi College Filter	No coliform		Good	Safe
30	Palash Sardar	Coliform present	<i>Klebsiella pneumoniae</i>	Bad	May not be safe
31	Shankar Kumar Santra	Coliform present	<i>Klebsiella pneumoniae</i>	Bad	May not be safe

Sample Certificate



**Collaborative initiative under MoU between Raidighi College and
Dinabandhu Andrews College, Kolkata:**

Invitation to Dr. Maitreyee Mondal, Assistant Professor, Dept. of Microbiology, Dinabandhu Andrews College,

To act as Judge in the

ONLINE STATE LEVEL U.G. STUDENT SLOGAN COMPETITION

to observe

WORLD ANTIMICROBIAL AWARENESS WEEK, 2020

Invitation as Judge_State level competition > Inbox x



Dr. Arunima Biswas <mou.aru@gmail.com>
to maitreyee.dac ▾

Wed, Nov 18, 2020, 9:02PM

Please find attached.

Thanks and best regards

Arunima

One attachment • Scanned by Gmail ⓘ



Maitreyee Mondal <maitreyee.dac@gmail.com>
to me ▾

Fri, Nov 20, 2020, 11:43AM

Dear Arunimadi,
Thank you so much for this honour.

Dr. Maitreyee Mondal
Assistant Professor
Department of Microbiology
Dinabandhu Andrews College
Garia, Kolkata



RAIDIGHI COLLEGE

P.O.+ P.S.- RAIDIGHI, SOUTH 24 PARGANAS, PIN- 743383

Phone No. +91-9735310008

Website – www.raidighicollege.in

Email – raidighicollege95@gmail.com

To

Dr. Maitreyee Mondal,
Coordinator,
West Bengal Student Unit,
Microbiologists Society, India.
Assistant Professor,
Dept. of Microbiology,
Dinabandhu Andrews College,
Kolkata- 700084.

Subject: Invitation to act as Judge in the ONLINE STATE LEVEL STUDENT COMPETITION to observe WORLD ANTIMICROBIAL AWARENESS WEEK, 2020.

Dear Madam,

On behalf of Raidighi College, I cordially invite you to kindly act as our honorable Judge in the online State Level Student Competition (Slogan writing by U.G. students of Microbiology from West Bengal), organized by Dept. of Microbiology, Raidighi College and Microbiologists Society, India, to observe World Antimicrobial Awareness Week, 2020.

Thanking you,

Sincerely,

Dr. Sasabindu Jana
Principal
Raidighi College
Raidighi
West Bengal.

Date: 15.11.2020.



RAIDIGHI COLLEGE In Collaboration With MICROBIOLOGISTS SOCIETY, INDIA
Organizes



ONLINE STATE LEVEL STUDENT COMPETITION

In Observance of

WORLD ANTIMICROBIAL AWARENESS WEEK

POSTER

SLOGAN

← FOR PG STUDENTS

FOR UG STUDENTS →

FREE REGISTRATION & SUBMISSION

For Microbio UG students: <https://forms.gle/vBvaPW5Lkzee6H5h8>

For Microbio PG Students: <https://forms.gle/FZHCUtDowg98ZhhDA>

Submission is strictly through Google forms

NOTE:

TOPICS for SLOGAN/POSTER

- Causes of Antimicrobial Resistance
- Best practices to fight against Antimicrobial Resistance
- Antimicrobial Awareness: Our Role
- Antimicrobial Resistance: A Global Health Threat

ELIGIBILITY

Microbiology students only (current, UG or PG) of West Bengal

RULES

1. English language only
2. Must be original creation
3. Upload as pdf only
4. Can be created digitally or can be hand-made, scanned and uploaded as pdf
5. File size (maximum) 5 MB
6. For Slogan: Maximum word limit is 15; you may add an original image made by you, with your slogan to make it creative
7. For Poster: Single page (be scientific, innovative, creative)
8. One submission per student

Last date of submission: 16.11.2020.

AWARDS AND REWARDS

- E-certificates to all registered participants
- Best submissions will be rewarded by MSI

Result will be declared and
Names of Winners announced on
19.11.2020.

First 50 submissions will be considered in each category; so HURRY !!!!!

PROGRAM FLIER

Slogan received from UG students

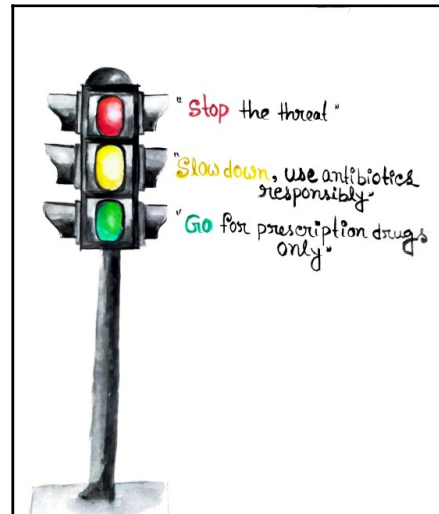
	A	B	C	D	E	F	G	H	I	J
1	Timestamp	Name of the Student	Name and address of Institution	Affiliating University	UG student of	Batch	File number (WhatsApp num)	Upload your Slogan on any of the suggested topics (word limit max 15), as pdf file		
2	11-10-2020 22:08:15	Yashas	Ramaiah university of science commerce ar	Ramaiah university	Microbiology General Course	Semester 1	6360115367	https://drive.google.com/open?id=1jRWCVWxMWWYy-Rlc9Kc4LHF_Vz2qg3YW		
3	11-10-2020 22:35:37	Namita soni	Samarpan science and commerce college	Gujarat university	Microbiology General Course	Semester 5	7359213819	https://drive.google.com/open?id=1D6tkpExGQs-_yXcD2c1FEas9S7Oymd0w		
4	11-10-2020 23:17:36	Aradhita Chowdhury	Ramaiah College of Art's science and com	Bangalore University	Microbiology Honours Course	Semester 1	7439688677	https://drive.google.com/open?id=1ibdS1M7dP1Tn5NzJohH3J6a4GldvRZ		
5	11-10-2020 23:43:19	Ishika kain	Gargi College Delhi University	Delhi University	Microbiology Honours Course	Semester 5	8920291200	https://drive.google.com/open?id=1M_dmkcCaSCTPJ6q8Ho0nJScBEROPjV4		
6	11-11-2020 11:18:01	Deepashree Chanda	Lady Brabourne College	Calcutta University	Microbiology Honours Course	Semester 5	8910823927	https://drive.google.com/open?id=1JTWnJpcUdSx0Wb_P9wVnNeeEXmXhr71-		
7	11-11-2020 11:36:24	Cynthia Marina Gomes	St. Xavier's College (Autonomous), Address	Calcutta University	Microbiology Honours Course	Semester 1	8334809867	https://drive.google.com/open?id=1MfMGgon8TdQk9ZdITdKiszclxbby3a1t		
8	11-11-2020 12:05:21	Oishee Janet Sarkar	St. Xavier's College30 Mother Teresa Sarani	Calcutta university	Microbiology Honours Course	Semester 1	8583957826	https://drive.google.com/open?id=1uV-_LVgFY_Ze_ToFl_2x2A66SNW9Tt8vC		
9	11-11-2020 13:50:01	SASWATI PAUL	LADY BRABOURNE COLLEGE ADDRESS	UNIVERSITY OF CALCUTTA	Microbiology Honours Course	SEMESTER V	9836344422, 7003783508	https://drive.google.com/open?id=1Ue_e-ajZtY4t9eK5-gfdoMhG8ZPTuhAl		
10	11-11-2020 16:39:27	Ahana Das Gupta	St.xavier's college, 30 Mother Teresa sarani	Calcutta University	Microbiology Honours Course	Semester 1	8013259537	https://drive.google.com/open?id=1cCNBW_8mHmKocUdZjGJMsaT5E2itOcC		
11	11-11-2020 16:51:45	Ahana Nandy	St Xavier's College 8, Rafi Ahmed Kidwai Rc	Calcutta University	Microbiology Honours Course	Semester 1	8017022276	https://drive.google.com/open?id=1cRBJY439OyxytiWX-gvx30_ABXG5n1n9		
12	11-11-2020 21:34:11	R.MAHALAKSHMI	SATHYABAMA INSTITUTE OF SCIENCE A	-	Microbiology General Course	Part III	9150967418	https://drive.google.com/open?id=1RwNS1T3cmiSc8TrHJ3LHBxPQLAFKG2K		
13	11-12-2020 1:32:50	Tamoghna Dey	SAMMILANI MAHAVIDYALAYA,EM Bypas	Calcutta University	Microbiology Honours Course	Semester 3	9330876720	https://drive.google.com/open?id=1chCFnuV4y8DIWVCLmWBE1R4c_JWH6NB0Q4		
14	11-12-2020 11:30:39	AYUSH KUMAR	Dolphin institute	IANDAN BAHUGUNA GARHWAL U	Microbiology General Course	semester 1	9931740720	https://drive.google.com/open?id=1ePYab59AtWBVRuGhFTeHkYkS7B9NpQ		
15	11-12-2020 12:17:24	Abinash Show	Barrackpore Rastraguru Surendranath Colle	West Bengal State University	Microbiology Honours Course	Semester 3	8240828724	https://drive.google.com/open?id=1muYE6lu-Lk2F7zr2qO-PFHxpiYc9pW		
16	11-12-2020 14:10:30	Debanshu Sharma	Barrackpore Rastraguru Surendranath Colle	West Bengal State University	Microbiology Honours Course	Semester 3	8420073161	https://drive.google.com/open?id=1Nv19u6uPiKc4f2sc-nw8NeKkVwAUdo		
17	11-12-2020 16:12:00	DEBASHMITA GUHA	Lady Brabourne College, P-1/2, Suhrawardy	Calcutta University	Microbiology Honours Course	SEMESTER 5	9163109387	https://drive.google.com/open?id=18fMDz6B67H6iYB3kgdOwaw0FF8g-g86t		
18	11-12-2020 23:36:42	Sushmita singh	Barrackpore Rastraguru Surendranath Colle	West Bengal State University	Microbiology Honours Course	Semester 3	9674861907	https://drive.google.com/open?id=1YrQ0HEPnSg4zJKFA-MQCcgbDrDtwBOY		
19	11-13-2020 1:14:12	Aishani Sengupta	St. Xavier's College (Autonomous), 30 Moth	University of Calcutta	Microbiology Honours Course	Semester 1	9831064293	https://drive.google.com/open?id=1aD9URF6m9gGH00NyH-4kQZB14pThOPG		
20	11-13-2020 17:26:04	Subhadeep Podder	St. Xavier's College(Autonomous);30 Mothe	Calcutta University	Microbiology Honours Course	Semester 1	7980399157	https://drive.google.com/open?id=1J38KcKtHgPIGT6IBOkMtpXGwo0EkixR		
21	11-14-2020 14:51:05	Nazmin Hussain	Aliah University, govt. of India, Newtown, Kol	Aliah University	Microbiology Honours Course	Semester 3	9887446758	https://drive.google.com/open?id=1LibY5eCike_wr-LZpLx28BAA3PcGggS		
22	11-14-2020 16:20:41	RISHAV SAHA	St. Xavier's College : 30, Mother Teresa Sar	University of Calcutta	Microbiology Honours Course	Semester 1	9432589423	https://drive.google.com/open?id=19rdXM73td0C_ejiW6KkuYCLBu-VyFEZX		
23	11-14-2020 17:43:03	Anjali Kumari yadav	South Calcutta Girl's college72, Sarat Bose	Government	Microbiology Honours Course	Semester 3	9330158805	https://drive.google.com/open?id=100CX-n_R13fm8JsdgsDV5h7bifujQQ1		
24	11-15-2020 10:37:05	Patel Shreya Ketankumar	J.N.M.Patel Science College, Vesu, Surat. /eer Narmad South Gujarat Universit	Microbiology General Course	Semester 5	6355728050	https://drive.google.com/open?id=1ky79JJSxSxPkAWnHLQ5DZ9ZdJTB0Y-4			
25	11-15-2020 13:26:15	SUMANA BISWAS	Barrackpore Rashtraguru Surendranath Coll	West Bengal State University	Microbiology General Course	Semester 3	8910247714	https://drive.google.com/open?id=1u_vmDr7zPUjUgH4FGGzcykxmMB20bU_		
26	11-15-2020 18:15:42	ASMAUI PIYADA	RAIDIGHI COLLEGE,RAIDIGHI,MATHURAF	CALCUTTA UNIVERSITY	Microbiology Honours Course	Semester 5	7021593525	https://drive.google.com/open?id=1H_gbQScy7gijKpoi6ZcGkHfGcvPZA71		
27	11-15-2020 19:22:18	Provati Gayen	Name of Institution - Raidighi College; Vill ,	University of Calcutta	Microbiology Honours Course	Semester 3	8927871741	https://drive.google.com/open?id=1NZA32ezgzJwe4xQ9HdF5OQHlBxJ9QYQi		
28	11-15-2020 21:37:13	Nisha Gayen	Raidighi college, kankandighi, Raidighi, WB	Calcutta University	Microbiology General Course	Semester 4	8597112071	https://drive.google.com/open?id=1Lpsc2Ci8MgnC8j7xwTf00rzBDxRAC;Sj		
29	11-16-2020 23:05:13	Subhajt Nath	Vijaygarh Jyotish Ray College - 8, 2, Bijoyn	Calcutta University	Microbiology Honours Course	Semester 3	8697150698	https://drive.google.com/open?id=1ALJdDBqrYfkr-YqaMgQ5LdijzQWkxnl		

WINNERS (SLOGAN)



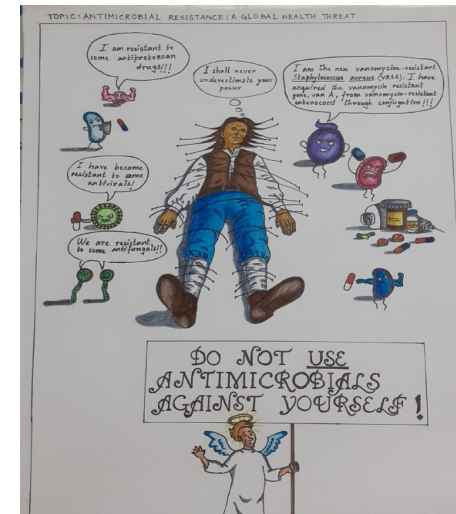
1st

Saswati Paul



2nd

Nisha Gayen



3rd

Tamoghna Dey

Sample Award Certificate



The award certificate features a light blue background. At the top left is the Raidighi College logo with the motto 'Progress of Learning'. At the top center is a red star and the text 'Award Certificate'. At the top right are three medals and the Microbiologists Society of India logo with the motto 'Increases for Better Tomorrow 1998'. The main text certifies that Saswati Paul, a B.Sc. student from the Department of Microbiology at Lady Brabourne College, Kolkata, secured the first position in the Online State Level Student Slogan Competition for World Antimicrobial Awareness Week (November 18th-24th, 2020). The bottom section contains four signatures and names: Dr. A.M. Deshmukh (President, Microbiologists Society, India), Dr. Sasabindu Jana (Principal, Raidighi College), Dr. Shakuntala Ghorai (Organizer, Raidighi College), and Dr. Arunima Biswas (Organizer, Raidighi College).

Award Certificate

This is to certify that **SASWATI PAUL**, B.Sc. student from Dept. of Microbiology, Lady Brabourne College, Kolkata, has secured **first position** in the **ONLINE STATE LEVEL STUDENT SLOGAN COMPETITION** to observe **WORLD ANTIMICROBIAL AWARENESS WEEK (November 18th-24th, 2020)**.

Dr. A.M. Deshmukh
President
Microbiologists Society, India

Dr. Sasabindu Jana
Principal
Raidighi College

Dr. Shakuntala Ghorai
Organizer
Raidighi College

Dr. Arunima Biswas
Organizer
Raidighi College

Sample Certificate of Participation



The certificate of participation has a white background with a black border. It features the same logos as the award certificate. The text states that Rana Taskeen, a U.G. student from the Department of Microbiology at Surendranath College, participated in the Online State Level Student Competition for World Antimicrobial Awareness Week (November 18th-24th, 2020). The bottom section contains four signatures and names: Dr. A.M. Deshmukh (President, Microbiologists Society, India), Dr. Sasabindu Jana (Principal, Raidighi College), Dr. Shakuntala Ghorai (Organizer, Raidighi College), and Dr. Arunima Biswas (Organizer, Raidighi College). A watermark 'Made for free with Certify'em' is visible at the bottom right.

**DEPARTMENT OF MICROBIOLOGY, RAIDIGHI COLLEGE,
WEST BENGAL**
and
MICROBIOLOGISTS SOCIETY, INDIA (MSI)
Present
ONLINE STATE LEVEL STUDENT COMPETITION
To observe
WORLD ANTIMICROBIAL AWARENESS WEEK, 2020

Certificate of Participation

This is to certify that **RANA TASKEEN**, U.G. Student of Department of Microbiology, Surendranath college, has participated in the **ONLINE STATE LEVEL STUDENT COMPETITION** to observe **WORLD ANTIMICROBIAL AWARENESS WEEK (November 18th-24th, 2020)**.

Dr. A.M. Deshmukh
President
Microbiologists Society, India

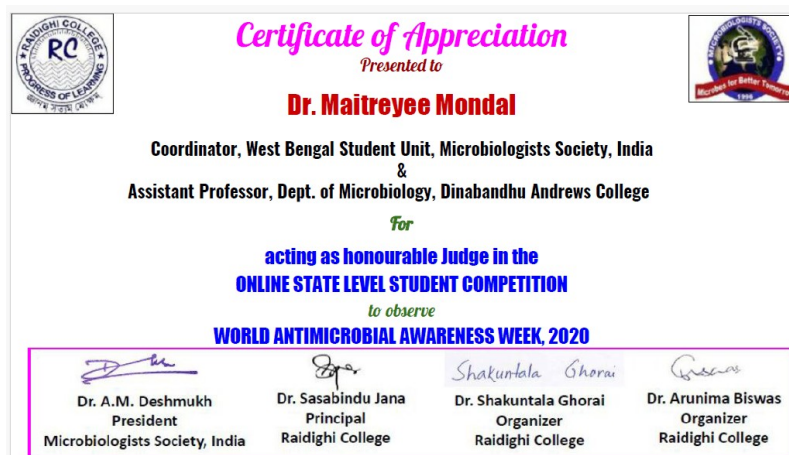
Dr. Sasabindu Jana
Principal
Raidighi College

Dr. Shakuntala Ghorai
Organizer
Raidighi College

Dr. Arunima Biswas
Organizer
Raidighi College

Made for free with Certify'em

Certificate of Appreciation



Event synopsis:

Every year, World Antimicrobial Awareness Week is observed from 18th-24th Nov., and it aims to increase awareness of global antimicrobial resistance and encourage best practices amongst the general public, health workers, and policy makers to avoid emergence and spread of drug-resistant infections, which is feared to be the next biggest threat after the current Covid-19 pandemic. One of the key objectives of the plan is to improve awareness and understanding of antimicrobial resistance through effective communication, education, and training. With this in mind, Raidighi College organised an online State Level Student Competition of slogan writing and poster making for U.G. and P.G. students respectively, to observe World Antimicrobial Awareness Week, 2020 and spread awareness among the student community on this year's WHO theme of "United to preserve antimicrobials". The event received satisfactory response from students of different institutes of the state. Raidighi College cordially invited as judges the faculty members of Dinabandhu Andrews College, Kolkata with which it has signed MoU of 5 years for academic enrichment. The event received positive feedback from all participants.

**Collaborative initiative under MoU between Raidighi College and
Dinabandhu Andrews College, Kolkata:**

Invitation to Dr. Swapna Mukherjee, Head, Dept. of Microbiology,

Dinabandhu Andrews College,

To act as Judge in the

ONLINE STATE LEVEL P.G. STUDENT POSTER COMPETITION

to observe

WORLD ANTIMICROBIAL AWARENESS WEEK, NOV., 2020

Invitation as Judge_State level student competition ▾



Dr. Arunima Biswas <mou.aru@gmail.com>
to swamuk15 ▾

Wed, Nov 18, 2020, 8:59 PM

Please find attached.

Thanks and best regards

Arunima

One attachment • Scanned by Gmail ⓘ





RAIDIGHI COLLEGE

P.O.+ P.S.- RAIDIGHI, SOUTH 24 PARGANAS, PIN- 743383

Phone No. +91-9735310008

Website – www.raidighicollege.in

Email – raidighicollege95@gmail.com

To

Dr. Swapna Mukherjee
West Bengal State President,
Microbiologists Society, India.
Head, Dept. of Microbiology,
Dinabandhu Andrews College,
Kolkata- 700084.

Subject: Invitation to act as Judge in the ONLINE STATE LEVEL STUDENT COMPETITION to observe WORLD ANTIMICROBIAL AWARENESS WEEK, 2020.

Dear Madam,

On behalf of Raidighi College, I cordially invite you to kindly act as our honorable Judge in the online State Level Student Competition (Poster making by P.G. students of Microbiology from West Bengal), organized by Dept. of Microbiology, Raidighi College and Microbiologists Society, India, to observe World Antimicrobial Awareness Week, 2020.

Thanking you,

Sincerely,

Dr. Sasabindu Jana
Principal
Raidighi College
Raidighi
West Bengal.

Date: 15.11.2020.



RAIDIGHI COLLEGE In Collaboration With MICROBIOLOGISTS SOCIETY, INDIA
Organizes



ONLINE STATE LEVEL STUDENT COMPETITION

In Observance of

WORLD ANTIMICROBIAL AWARENESS WEEK

POSTER

SLOGAN

← FOR PG STUDENTS

FOR UG STUDENTS →

FREE REGISTRATION & SUBMISSION

For Microbio UG students: <https://forms.gle/vBvaPW5Lkzee6H5h8>

For Microbio PG Students: <https://forms.gle/FZHCUtDwg98ZhbDA>

Submission is strictly through Google forms

NOTE:

TOPICS for SLOGAN/POSTER

- Causes of Antimicrobial Resistance
- Best practices to fight against Antimicrobial Resistance
- Antimicrobial Awareness: Our Role
- Antimicrobial Resistance: A Global Health Threat

ELIGIBILITY

Microbiology students only (current, UG or PG) of West Bengal

RULES

1. English language only
2. Must be original creation
3. Upload as pdf only
4. Can be created digitally or can be hand-made, scanned and uploaded as pdf
5. File size (maximum) 5 MB
6. For Slogan: Maximum word limit is 15; you may add an original image made by you, with your slogan to make it creative
7. For Poster: Single page (be scientific, innovative, creative)
8. One submission per student

Last date of submission: 16.11.2020.

AWARDS AND REWARDS

- E-certificates to all registered participants
- Best submissions will be rewarded by MSI

Result will be declared and
Names of Winners announced on
19.11.2020.

First 50 submissions will be considered in each category; so HURRY !!!!!

Program Flier

Poster received from PG students

	A	B	C	D	E	F	G	H	I	J
1	Timestamp	Email Address	Name of the Student	Name and address of Institution	Affiliating University	Batch	Mobile number (WhatsApp)	Upload your Poster on any of the suggested topics, as pdf file of max 5 MB		
2	11-11-2020 13:48:31	rifatrashid02@gmail.com	RIFAT RASHID	LADY BRABOURNE COLLEGE; P 1/2, Shurawardy Avenue, K	University of Calcutta	2019-2021	+919874769329	https://drive.google.com/open?id=1LoykiuwkxJ69uix9uawAdhEkk8IXgl0x		
3	11-11-2020 14:22:59	khandaqaleamoi719@gmail.com	KHANDAGALE AMOL BAPURAO	DAYANAND SCIENCE COLLEGE, LATUR 413512	SWAMI RAMANAND TEERTH MARATH	2020	9960006455	https://drive.google.com/open?id=1nQKxrk4FAQm6C4aCvpl2L4s9sa6XZ8		
4	11-11-2020 22:33:19	harsharma02@gmail.com	HARSHA SHARMA	VJAYGARH JYOTISH RAY COLLEGE, 8/2 Bijoygarh, Jadavpu	UNIVERSITY OF CALCUTTA	2019-2021	9830825984	https://drive.google.com/open?id=1OK7MsognKCzjM56OM_XakzVW0AXIR		
5	11-12-2020 13:38:35	gaurikulkarni9673@gmail.com	Kulkarni Gauri yougendra	Dayanad science college latur	SRTMUN	2018	9673189303	https://drive.google.com/open?id=1a0h0BJDf2i3c2N7nS68KH08m-nls0vLg		
6	11-12-2020 18:27:02	ranataskeen231296@gmail.com	RANA TASKEEN	surendranath college 24/2, Mahatma Gandhi Rd, Baithakkhai	UNIVERSITY OF CALCUTTA	2016-2017	9433433213	https://drive.google.com/open?id=1O4e37LSONDwa7RaBinWGcmoTqdX16wor		
7	11-12-2020 21:00:25	shreyamajumdar2016@gmail.com	Shreya Majumdar	St. Xavier's College Autonomous, Kolkata. 30, Mother Teresa	Calcutta University	2020-22, Msc First year	9830305733	https://drive.google.com/open?id=15_-7-JrDF2VY5IL4Fetz3hFiqW5F92-		
8	11-13-2020 12:04:19	shrabasti86@gmail.com	Shrabasti Bandyopadhyay	University of KalyaniKalyani, Nadia-741235West Bengal, Indi	University of Kalyani	2018-2020	9830347093	https://drive.google.com/open?id=1GUQXKKY5iJR_D4yAuiqJq89Vtz-1FioM		
9	11-13-2020 15:13:31	debashmita.08@gmail.com	Debashmita Mandal	Bidhannagar collegeCity Center, EB-2, Sector 1, Bidhannagar	West Bengal State University	1	8017469074	https://drive.google.com/open?id=1W1aec2HkMe5TLEDeYQc7nM6HN5a9zc		
10	11-13-2020 16:03:28	rittickm98@gmail.com	Rittick Mondal	Vidyasagar University, Paschim Midnapore-721102, West Be	Vidyasagar University	2020	7003633512	https://drive.google.com/open?id=1Tac_q_WNsYK-17EoNlLGC1G4QBI76C		
11	11-16-2020 20:29:45	susmita.gho1995@gmail.com	Susmita Ghosh	Bidhannagar ,salt lake, sector 1,kolkata- 700064	West Bengal state university	M.Sc,3rd semester	7602935687	https://drive.google.com/open?id=1HhOHNIHrBm7u1HCCW5k141cS4Z7G1xWb		
12										

RESULT

Serial No.	NAME AND COLLEGE	CONTENT (5)	PRESENTATION (5)	CONTENT (5)	PRESENTATION (5)	TOTAL
1	SHRABASTI BANDOPADHYAY	4.5	5	4.5	4.5	18.5
2	DEBASHMITA MANDAL (BIDHANNAGAR COLLEGE)	4.5	4.5	4	4	17
3	RIFAT RASHID (LADY BRABOURNE COLLEGE)	4.5	4.5	4.5	4	17.5
4	SHREYA MAZUMDAR (ST. XAVIER'S COLLEGE)	3.5	4.5	4.5	4.5	17
5	RIK MONDAL (VIDYASAGAR)	4	4	4	4.5	16.5
6	AMOL KHANDAGALE	3	3	4.5	4	14.5
7	KULKARNI G. YOGENDRA	2.5	2.5	3.5	4	12.5
8	MERIDA MAYAR	0.5	0.5	2.5	3	6.5
9	SUSMITA GHOSH	0.5	0.5	2.5	3	6.5
10	HARSHA SHARMA (VJRC COLLEGE)	4	4	4	4	16

WINNERS

CAUSES OF ANTIMICROBIAL RESISTANCE

Shrabasti Bandyopadhyay, M.Sc.

Antimicrobial resistance, a global crisis arises due to some major and incautious reasons.

Overuse of antimicrobials

Inappropriate prescribing

Patients are exposed unconditionally to potential complications of antibiotic therapy. Gene alteration has been observed in *Pseudomonas aeruginosa* due to use of very low level of antibiotics.

Availability of antimicrobials in suboptimal amount and their consumption without a prescription leads to the emergence of resistant microorganisms.

Fig 1: Antibiotics prescribers to outpatient in the Donola IV health district in Donola (Elumalai et al., 2019)

Nonavailability of novel antimicrobials

The creation of new antibiotics has fallen down to a very low level due to economical and regulatory issues. The improper use of antibiotics presents a major problem to the availability of new antibiotics day-by-day.

Fig 3

Examples

- Penicillin resistant *Enterococcus*
- Methicillin resistant *Staphylococcus aureus* (MRSA)
- Vancomycin resistant *Enterococcus* (VRE)
- Multi-drug resistant *Mycobacterium tuberculosis* (MDR-TB)
- Carbapenem-resistant *Enterobacteriaceae* (CRE) gut bacteria

Excessive use in agricultural field

- Use of antibiotics in livestock are discharged in field through urine, stool and dissemination of resistant bacteria takes place.
- Antibiotics given to feed-producing animals as supplements enter the human body during consumption leading to the development of lethal diseases.

Non-completion of antibiotic dose

If the proper dose of prescribed antibiotic is not completed, some resistant organisms may survive. Therefore, the second use of the same antibiotic will not be effective.

Fig 2: Usage of antibiotics in livestock preparation

Mechanism of antimicrobial resistance

Fig 4: Bacteria employ different mechanisms to become resistant against antibiotics (Aalam et al., 2018)

- Efflux of the drug by efflux pump
- Modification of the target sites
- Enzymatic alteration of the antibiotic
- Breakdown of the target drug

Superbugs: Microbes having higher morbidity and mortality rate due to mutations provide resistance to many antimicrobials. Many human pathogens have converted into MDR types due to excessive use of antibiotics such as *Acinetobacter baumannii*.

Adnan, A., Wang, W., Arshad, M. I., Ghaffar, M., Muneer, S., Razaq, M. H., Khan, M. A., Ali, A. P., Nadeem, M. A., Ganiyu, M. O., Sarwar, M. S. P., & Nadeem, J. (2022). Antibiotic resistance: A review of global antibiotic resistance and drug resistance. *Journal of Microbiology and Biotechnology*, 12(1), 1-10.

Elumalai, M. A., Elumalai, C., Prasad, C., Naga, R. R., Murali, S. M., & Murali, C. R. (2019). Knowledge, practices and attitudes on antibiotic use in Donola-IV health district and prescriber survey among outpatients, health workers and public health professionals. *PLoS ONE*, 14(1), e0210470. <https://doi.org/10.1371/journal.pone.0210470>

... The global burden of infections resistant to existing antimicrobial medicines is growing at an alarming pace...

Antimicrobial Resistance Growing Global Threat
June 15, 2015 | United Nations Headquarters

INTRODUCTION

Antibiotic resistance is when the organisms such as bacteria, fungi, viruses and parasites resist the effects of drugs making the infection difficult and harder to treat which ultimately results in the increase of disease spread, which causes severe illness and death.

Antimicrobial resistance (AMR) became in the last two decades a global threat to public health systems in the world. Since the antibiotic era, with the discovery of the first antibiotics that provided consistent health benefits to human medicine, the misuse and abuse of antimicrobials in veterinary and human medicine has accelerated the growing worldwide phenomenon of AMR.

The ways of responding to the AMR challenges foresee an array of measures that include: designing more effective preventive measures at farm level to reduce the use of antimicrobials; development of novel antimicrobials; strengthening of AMR surveillance system in animal and human populations; better knowledge of the ecology of resistant bacteria and resistant genes; increased awareness of stakeholders on the prudent use of antibiotics in animal productions and clinical arena and the public health and environmental consequences of AMR.

ANTIMICROBIAL RESISTANCE : A GLOBAL HEALTH THREAT

SPREAD

Resistant bacteria can spread to...

EXPOSURE

People can get sick with resistant infections from...

CONCLUSION

Antibiotic resistance has been recognized as a global health problem and considered by major health organizations as the top health challenge in the 21st century.

However one of the main critical factors that affect the correct estimate of the magnitude and extension of the problem for both people and animals worldwide and the effective management, is related to the scarcity of data on types of antibiotics used, amounts, animal species and ways they are used.

Misusing and overusing ANTIBIOTICS puts us all at risk

Antibiotic resistance is the ability of a microorganism to resist the effects of an antibiotic. This is a global health threat because it makes it harder to treat infections. Antibiotic resistance is caused by the misuse and overuse of antibiotics. This includes not finishing a course of antibiotics, using antibiotics when they are not needed, and using antibiotics for viral infections. Antibiotic resistance can affect people and animals. It is a major public health concern because it can lead to the death of people and animals. Antibiotic resistance is a global health threat because it makes it harder to treat infections. Antibiotic resistance is caused by the misuse and overuse of antibiotics. This includes not finishing a course of antibiotics, using antibiotics when they are not needed, and using antibiotics for viral infections. Antibiotic resistance can affect people and animals. It is a major public health concern because it can lead to the death of people and animals.

ANTIBIOTIC RESISTANCE
A Global Health Threat

NATIONAL HEALTH FOR HEALTHY PEOPLE MESSAGE

REFERENCE

<https://www.who.int/news-room/fact-sheets/detail/antimicrobial-resistance>
<https://www.who.int/news-room/fact-sheets/detail/antimicrobial-resistance>
<https://www.who.int/news-room/fact-sheets/detail/antimicrobial-resistance>

REFERENCE

RIFAT RASHID;
DEPARTMENT OF MICROBIOLOGY;
LADY BRABOURNE COLLEGE,
PG-1 SEM 3

ANTIMICROBIAL RESISTANCE: A GLOBAL HEALTH THREAT

DEBASHMITA MANDAL, BIDHANNAGAR COLLEGE

Micro-organisms are termed as "antimicrobial-resistant" or "drug resistant" when they are no longer inhibited by an antimicrobial drug to which they were previously sensitive.

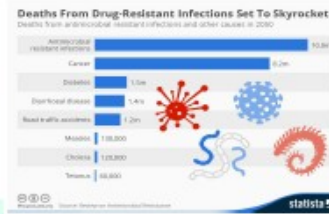
What is Antimicrobial Resistance?

Urgent threats

- Carbapenem resistant *Acinetobacter*
- *Candida auris*
- Drug resistant *Neisseria gonorrhoeae*

Serious threats

- Drug resistant *Candida*
- MRSA
- Drug resistant *Mycobacterium tuberculosis*
- Multi drug resistant *Pseudomonas aeruginosa*



Above picture shows that, drug resistant infections are increased very rapidly and they could cost the global economy as much as \$100 trillion by 2050. Drug resistance infections kill more people than cancer in just over three decades.

So it is the correct time to take drastic actions to tackle the problem.



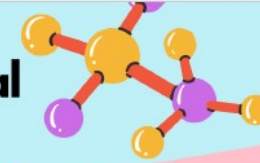
The cost of AMR to national economics and their health system is significant as it affects productivity of patients through prolonged hospital stays.

It needs more expensive and intensive care which everyone can't afford.

Resistance to antimicrobial agents has become a major source of morbidity and mortality worldwide

Causes of Antimicrobial resistance

Shreya Majumdar, St. Xavier's College



Failure of drug to reach target

- Decreased penetration
- Increased efflux through pumps



Target alteration

a. Mutation of natural target

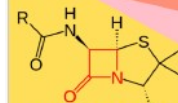
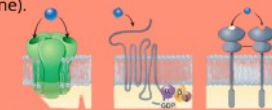
The amino acid composition and conformation of the target for a drug can change.

e.g. Resistance to fluoroquinolones due to mutations in DNA gyrase or topoisomerase IV (the targets of fluoroquinolone).

b. Production of low affinity variant

The target has a low affinity to bind the drug.

e.g. Staphylococcal resistance to methicillin is caused by production of low affinity variant of penicillin binding protein.



Drug is not active

a. Enzymatic inactivation

The most common way resistance develops to penicillin is through inactivation by Beta lactamases (penicillinase).

b. The bacteria will not convert the prodrug to an active form. e.g. Isoniazid resistance - mutation in mycobacterial catalase-peroxidase; prodrug isoniazid is not activated

Bypassing of inhibited metabolic pathway

Alternate metabolic pathways

to those inhibited by the antibiotic can overcome the block in the synthesis of an essential metabolite in bacteria caused by the drug leading to resistance. e.g. Trimethoprim.



Tied at 3rd position

Sample Award Certificate





Award Certificate





This is to certify that **SHRIBASTI BANDYOPADHYAY**, M.Sc. student from University of Kalyani, has secured **first position** in the **ONLINE STATE LEVEL STUDENT POSTER COMPETITION** to observe **WORLD ANTIMICROBIAL AWARENESS WEEK** (November 18th-24th, 2020).

			
Dr. A.M. Deshmukh President Microbiologists Society, India	Dr. Sasabindu Jana Principal Raidighi College	Shakuntala Ghorai Organizer Raidighi College	Dr. Arunima Biswas Organizer Raidighi College

Sample Certificate of Participation



**DEPARTMENT OF MICROBIOLOGY, RAIDIGHI COLLEGE,
WEST BENGAL**

and

MICROBIOLOGISTS SOCIETY, INDIA (MSI)

Present

ONLINE STATE LEVEL STUDENT COMPETITION

To observe

WORLD ANTIMICROBIAL AWARENESS WEEK, 2020

Certificate of Participation

This is to certify that **RIFAT RASHID**, P.G. Student of Department of Microbiology, Lady Brabourne College, has participated in the **ONLINE STATE LEVEL STUDENT COMPETITION** to observe **WORLD ANTIMICROBIAL AWARENESS WEEK** (November 18th-24th, 2020).



			
Dr. A.M. Deshmukh President Microbiologists Society, India	Dr. Sasabindu Jana Principal Raidighi College	Shakuntala Ghorai Organizer Raidighi College	Dr. Arunima Biswas Organizer Raidighi College

Made for free with Certify'em

Certificate of Appreciation



Event synopsis:

Every year, World Antimicrobial Awareness Week is observed from 18th-24th Nov., and it aims to increase awareness of global antimicrobial resistance and encourage best practices amongst the general public, health workers, and policy makers to avoid emergence and spread of drug-resistant infections, which is feared to be the next biggest threat after the current Covid-19 pandemic. One of the key objectives of the plan is to improve awareness and understanding of antimicrobial resistance through effective communication, education, and training. With this in mind, Raidighi College organised an online State Level Student Competition of slogan writing and poster making for U.G. and P.G. students respectively, to observe World Antimicrobial Awareness Week, 2020 and spread awareness among the student community on this year's WHO theme of "United to preserve antimicrobials". The event received satisfactory response from students of different institutes of the state. Raidighi College cordially invited as judges the faculty members of Dinabandhu Andrews College, Kolkata with which it has signed MoU of 5 years for academic enrichment. The event received positive feedback from all participants.

**Collaborative initiative under MoU between Raidighi College and
Dinabandhu Andrews College, Kolkata:**

Invitation to Dr. Maitreyee Mondal, Assistant Professor, Dept. of Microbiology, Dinabandhu Andrews College,

To act as Judge in the

ONLINE STATE LEVEL SLOGAN COMPETITION FOR STUDENTS (U.G. & P.G.)

to observe

WORLD MALARIA DAY, APRIL 2021

Invitation from Raidighi College > Inbox x



Dr. Arunima Biswas <mou.aru@gmail.com>

to maitreyee.bonny@gmail.com ▾

Wed, Apr 21, 2021, 11:01 PM

Dear Madam,

Please find attached the invitation letter from our college.

Thanking you for your continued support,

Best regards

Dr. Arunima Biswas

Head

Dept of Microbiology,

Raidighi College

One attachment • Scanned by Gmail ⓘ



Maitreyee Mondal <maitreyee.bonny@gmail.com>

to me ▾

Thu, Apr 22, 2021, 7:57 AM

Dear Arunimadi,

Thank you for the invitation. It's my honour.



RAIDIGHI COLLEGE

P.O.+ P.S.- RAIDIGHI, SOUTH 24 PARGANAS, PIN- 743383

Phone No. +91-9735310008

Website – www.raidighicollege.in

Email – raidighicollege95@gmail.com

To

Dr. Maitreyee Mondal,
Coordinator,
West Bengal Student Unit,
Microbiologists Society, India.
Assistant Professor,
Dept. of Microbiology,
Dinabandhu Andrews College,
Kolkata- 700084.

Subject: Invitation to act as Judge in the “ONLINE STATE LEVEL SLOGAN COMPETITION FOR STUDENTS (U.G. & P.G.) to observe WORLD MALARIA DAY”

Dear Madam,

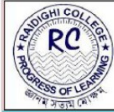
On behalf of Raidighi College, I cordially invite you to kindly act as our honorable Judge in the Online State Level Slogan Competition for Students (from West Bengal), organized by Raidighi College and West Bengal Unit of Microbiologists Society, India, to observe WORLD MALARIA DAY 2021.

Thanking you,

Sincerely,

Dr. Sasabindu Jana
Principal
Raidighi College
Raidighi
West Bengal.

Date: 21.04.2021.



RAIDIGHI COLLEGE, WEST BENGAL
in Collaboration With
MICROBIOLOGISTS SOCIETY, INDIA
organizes
ONLINE STATE LEVEL SLOGAN COMPETITION

FOR STUDENTS (U.G. & P.G.)

To observe

WORLD MALARIA DAY

Registration Link: <https://forms.gle/crnLazWMqzVqqsre9>

Submission is strictly through Google Forms

Last date of submission: 22nd April, 2021, 10 pm

Eligibility: Students (any stream) studying in institutes of West Bengal



Organizers:

Dept. of Microbiology, NSS & IQAC of Raidighi College, West Bengal

AND

MSI, West Bengal Unit



Broad Topic for Slogan: *End Malaria*

Rules:

- English language only
- Must be original creation
- Maximum word limit is 25; you may add an original image made by you, to make the slogan more creative and meaningful
- Upload as pdf only
- Can be created digitally or can be hand-made, scanned and uploaded as pdf
- File size of pdf: 5 MB maximum
- One submission per student

First 50 submissions will be considered. So, Hurry !!

All participants will get e-certificates.

Top 3 submissions will be rewarded (to be announced on 27th April, 2021)

PROGRAM FLIER

Student Submissions:

	A	B	C	D	E	F	G	H	I	J	K
1	Timestamp	Email Address	Name of the Student	Name and Address of institution	Affiliating University	UG /PG Student	Subject of Honour Batch (e.g., B.Sc. Part III,		Mobile number (W/	Upload your slogan as pdf file of max 5 MB	
2	4-14-2021 20:03:43	sayanisantua02@gmail.com	Sayani Santua	Raidighi College, P. O. + P. S. - Raidighi, South 24 parganas,	Calcutta University	UG	Microbiology Honc	B.Sc.Sem2	7679703317	https://drive.google.com/open?id=1etnIUifaAVK9HW	
3	4-16-2021 0:48:45	martinachakraborty62345@gmail.com	Martina Chakraborty	Dinabandhu Andrews College54, Raja S C Mallick Road, Bais	University of Calcutta	UG	Microbiology Honc	Sem 2	8017317057	https://drive.google.com/open?id=16ic0809eHVEy	
4	4-16-2021 9:11:22	ankitamegha99@gmail.com	ANKITA KUNDU	MADURAI KAMARAJ UNIVERSITY	MADURAI KAMARAJ UNIVERSITY	PG	BIOCHEMISTRY	M.SC. SEM 2	9038715371	https://drive.google.com/open?id=1w_IU1Cwkkkby	
5	4-16-2021 14:46:02	madhurima1911@gmail.com	Madhurima Thakur	Garia	Calcutta University	UG	BSc Microbiology	B.Sc. Sem 2	+918101430297	https://drive.google.com/open?id=1MvskRLT0Cm	
6	4-16-2021 19:12:36	bulachabri@gmail.com	Sreyosee Chabri	Dinabandhu Andrews College 54, Raja S C Mallick Road Bais	Calcutta University	UG	Microbiology	B.Sc. Sem 2	9330069235	https://drive.google.com/open?id=1hMBUN4Rvz0w	
7	4-16-2021 22:31:46	suchismitasarkar11@gmail.com	SUCHISMITA SARKAR	DUM DUM MOTUHEEL COLLEGE P3,P2A,P2, Dum Dum Rd, I	WEST BENGAL STATE UNIVERSITY	UG	MICROBIOLOGY	Bsc Sem 2	8145168484	https://drive.google.com/open?id=1h4g120ep1vEzF	
8	4-17-2021 14:26:56	shewantika@gmail.com	Shewantika Das	Dinabandhu Andrews College, Garia,Kolkata	Calcutta University	UG	Microbiology	Sem 2	7001894564	https://drive.google.com/open?id=1By9k1F0hj-JON	
9	4-18-2021 22:42:29	nabanita200117@gmail.com	NABANITA SHEE	ASUTOSH COLLEGE92, Shyama Prasad Mukherjee Rd, Jatin	CALCUTTA UNIVERSITY	UG	MICROBIOLOGY	B.Sc. 1st year Sem 2	9830787423	https://drive.google.com/open?id=16RQM7VRu4yD	
10	4-19-2021 23:26:00	tamoghna938@gmail.com	Tamoghna Dey	Sammilani Mahavidyalaya,EM Bypass, Baghajatin,Kolkata 700	Calcutta University	UG	Microbiology Honc	B.Sc. Sem 4	9330876720	https://drive.google.com/open?id=1JQmBqUipXlm	
11	4-21-2021 10:44:51	sardersupriya2001@gmail.com	Supriya Sardar	Raidighi College, P.O+ P.S -Raidighi, Dist- South 24 paragan	Calcutta University	UG	Botany honours	B.Sc Sem 4	7029030160	https://drive.google.com/open?id=1eVv91q0niYd68	
12	4-21-2021 23:30:39	resmikhatun949@gmail.com	Resmi Khatun	Bidhannagar college, Kolkata	West Bengal State University	UG	Microbiology Honc	Bsc Sem II	8436196671	https://drive.google.com/open?id=1E5xMhsXpYKJB	
13	4-22-2021 0:38:36	srinjoydas1998@gmail.com	Srinjoy Das	Bidhannagar College,City Center, EB-2, Sector 1, Bidhannaga	West Bengal State University	PG	Zoology	M.Sc. Sem 4	8370819338	https://drive.google.com/open?id=1W51FoA6W4Sj	
14	4-22-2021 10:52:04	pan.ankita00@gmail.com	Ankita Pan	Bidhannagar college, sector - 1, salt lake, kolkata	West Bengal State University	UG	Microbiology	B.Sc. Sem 2	9007729525	https://drive.google.com/open?id=1qO5xaiNi7CBC	
15	4-22-2021 13:54:40	chandrika.maity1999@gmail.com	CHANDRIKA MAITY	Vidyasaagar university ,Midnapore,West Bengal	Vidyasaagar university	PG	Zoology	Semester - 2	8670382665	https://drive.google.com/open?id=1s_WVE9eB7Cf	
16	4-22-2021 17:20:05	amiaditbolchi1@gmail.com	ADIT KUMAR PAUL	Raja Peary Mohan CollegeUttarpara, Hooghly, West Bengal	University of Calcutta	UG	Physiology	B.Sc. - Semester 2	9830653062	https://drive.google.com/open?id=162QGRG8RtM8	
17	4-22-2021 21:21:23	mandalsourav.ckrd@gmail.com	Sourav Mandal	Vidyasagar university , paschim medinipur	Vidyasagar university	PG	Zoology	M.sc.sem2	8250612927	https://drive.google.com/open?id=1QTY-GBSrxPz	
18	4-23-2021 14:46:47	mandatsonal1360@gmail.com	Sonali Mandal	Bidhannagar college, Bidhannagar sector-1	West bengal State University	UG	Microbiology (Bsc	BSC sem 1	6289033622	https://drive.google.com/open?id=1NK04FbFqHt	
19	4-23-2021 15:56:02	nishagayen1@gmail.com	Nisha Gayen	Raidighi college, villi +P.o - karikandighi, ps - Raidighi, West B	Calcutta university	UG	Zoology, chemistr	B. Sc semester 6	8597112071	https://drive.google.com/open?id=1fwnoD0eWigsq	
20	4-23-2021 20:49:23	sroychowdhury540@gmail.com	SOUMITRA ROYCHOWDHURY	K. K. DAS COLLEGEBAISHNABGHATA-PATULI, KOL-84	UNIVERSITY OF CALCUTTA	UG	Mathematics Honc	B.Sc. Sem 6	8777839491	https://drive.google.com/open?id=1HERuNnBvmlp	
21	4-23-2021 22:05:15	bikrampratima2018@gmail.com	Pratima Bikram	Raidighi College	Calcutta University	UG	English Honours	6th Semester	8346046955	https://drive.google.com/open?id=1WX8Yc5WDRe5	
22	4-24-2021 18:43:58	tiyasapradhan25@gmail.com	TIYASA PRADHAN	Raidighi Collage, Raidighi	Calcutta University	UG	Honours	Sem2	8348285377	https://drive.google.com/open?id=1EkhaQ9n-XM9G	
23	4-24-2021 21:05:07	adakhaskar99@gmail.com	Bhaskar Adak	Raidighi college; P.O.+P.S.-Raidighi District- 24 Parganas (So	University of Calcutta	UG	Botany honours ar	B.sc. sem 6	9382392537	https://drive.google.com/open?id=1tal_3gM62Xu1f	
24	4-24-2021 21:11:23	adakhaskar99@gmail.com	Bhaskar Adak	Raidighi College P.O + P. S - Raidighi, South 24 Parganas, pir	University of Calcutta	UG	Botany honour	B. Sc Sem 6	9382392537	https://drive.google.com/open?id=1-gTzcbEwa8HH	

Event synopsis

Dept. of Microbiology, NSS & IQAC of Raidighi College, South 24 Parganas, West Bengal and West Bengal Unit of Microbiologists Society, India (MSI), organized an “Online State Level Slogan Competition to observe WORLD MALARIA DAY, 25th April 2021” for Students (from West Bengal).

These were judged by:

1. Dr. Maitreyee Mondal, Assistant Professor, Dept. of Microbiology, Dinabandhu Andrews College, Kolkata (invited under existing MoU with her college)
2. Prof. Prabir Sahoo, Faculty, Dept. of Microbiology, Raidighi College
3. (and as an outside expert), Mr. Avishek Biswas, Photographer and Design Head of Creative Agency, Tadpole Productions.

Broad Topic for Slogan was: “End Malaria”.

Rules for the competition included that the slogan would have to be in English language only, with maximum word limit of 25. It could be accompanied by an original drawing or image. The entire composition must be an original creation. Student from any stream could participate. One submission was allowed per student.

23 valid submissions were short-listed.

The results were announced on 27th April, 2021 by Dr. Maitreyee Mondal of Dinabandhu Andrews College during the final session of a national level webinar held that day. She mentioned that all the judges were quite impressed with the submissions and encouraged more students to participate in such events in future. She announced that the winners would receive certificates and mementos.

She also mentioned the benefits of the collaborative initiatives being undertaken by Raidighi College and Dinabandhu Andrews College under the existing MoU.

Dr. Swapna Mukherjee, who is the Head of the Dept. of Microbiology, Dinabandhu Andrews College, Kolkata was also invited to be present (under existing MoU with her college).

She too encouraged more collaborative initiatives between the two colleges.

The winners were ~

1st: Martina Chakraborty (Dinabandhu Andrews College)

2nd: Sayoni Santua (Raidighi College)

3rd: Sreyosee Chabri (Dinabandhu Andrews College)

Special Awards: Tamoghna Dey (Sammilani Mahavidyalaya) and Nisha Gayen (Raidighi College)

NSS program officers of Raidighi College (Dr. Amitava Moitra and Mr. Suvankar Ghosh Roy Chowdhury) used this platform to spread awareness on this year's theme of World Malaria Day 2021, "Reaching the zero malaria target".

Dr. Arunima Biswas and Dr. Shakuntala Ghorai, faculty members of Dept. of Microbiology, Raidighi College, thanked the judges and all the participants on behalf of the organizers.

Dr. Sasabindu Jana, Principal, Raidighi College, thanked MSI and Dinabandhu Andrews College for giving his college this opportunity to work together with them.

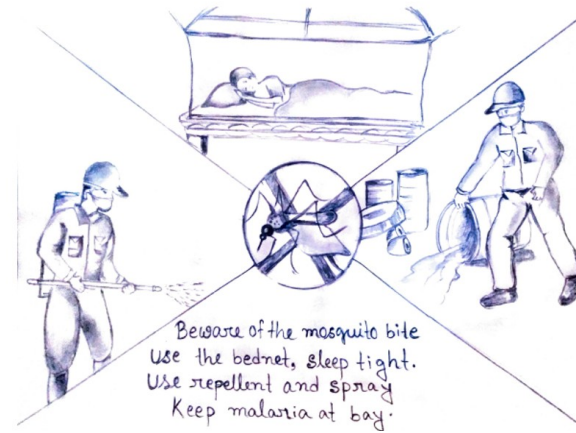
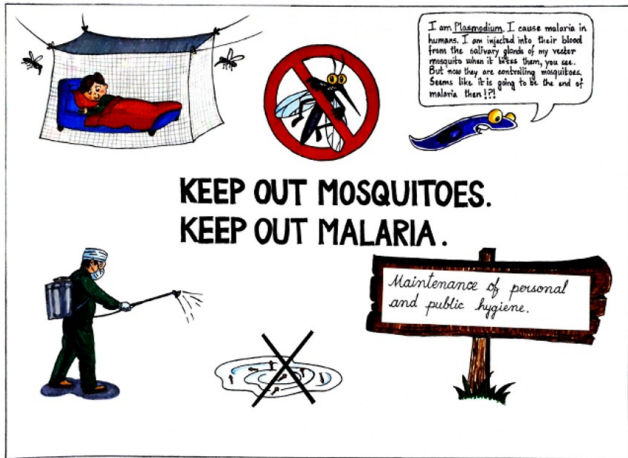
Score given by the 3 judges:

Name	Score1	Score2	Score 3	Average Score	
Martina Chakraborty (Dinabandhu Andrews clg)	15.00	14.00	12.00	13.67	First
Sayoni Santua (Raidighi College)	14.00	15.00	10.50	13.17	Second
Sreyosee Chabri (Dinabandhu Andrews College)	14.00	12.00	9.00	11.67	Third
Tamoghna Dey (Sammilani Mahavidyalaya)	7.00	13.00	14.00	11.33	Special Award
Nisha Gayen (Raidighi College)	11.00	13.00	10.00	11.33	Special Award
Shewantika Das	11.00	12.00	9.00	10.67	
Adit Kr Paul	9.00	12.00	8.00	9.67	
Nabanita Shee	6.00	8.00	14.00	9.33	
Chandrika Maity	10.00	10.00	6.00	8.67	
Samuel Sarkar	7.00	7.00	10.50	8.17	
Ankita Kundu	7.00	8.00	6.50	7.17	
Ankita Pan	7.00	5.00	9.00	7.00	
Pratima Bikram	7.00	6.00	6.50	6.50	
Reshmi Khatoon	4.00	6.00	8.50	6.17	
Sonali Mondal	5.00	8.00	5.00	6.00	
Bhaskar Adak	7.00	8.00	2.50	5.83	
Madhurima Thakur	5.00	5.00	7.00	5.67	
Suchismita Sarkar	3.00	5.00	6.50	4.83	
Supriya Sardar	4.00	5.00	4.50	4.50	
Srinjoy Das	2.00	2.00	5.50	3.17	
Soumitra Roychowdhury	2.00	5.00	2.00	3.00	
Sourav Mondal	2.00	3.00	4.00	3.00	
Tiyasha Pradhan	2.00	3.00	2.00	2.33	

Winners



TOPIC FOR SLOGAN : END MALARIA



Sample Award Certificate




Award Certificate




This is to certify that **Martina Chakraborty**, student from Dept. of Microbiology, Dinabandhu Andrews College, Kolkata, has secured **first position** in the ONLINE STATE LEVEL STUDENT COMPETITION {slogan writing} to observe WORLD MALARIA DAY, 2021.



 Dr. A.M. Deshmukh
 President
 Microbiologists Society, India


 Dr. Sasabindu Jana
 Principal
 Raidighi College



 Dr. Shakuntala Ghorai
 Organizer
 Raidighi College


 Dr. Arunima Biswas
 Organizer
 Raidighi College


Sample Certificate of Participation





Certificate of Participation





This is to certify that **Martina Chakraborty**, U.G. Student of Dinabandhu Andrews college, has participated in the ONLINE STATE LEVEL SLOGAN COMPETITION FOR STUDENTS to observe WORLD MALARIA DAY, 2021, organised by RAIDIGHI COLLEGE, WEST BENGAL and MICROBIOLOGISTS SOCIETY, INDIA (MSI).


 Dr. A. M. Deshmukh
 All India President
 Microbiologists Society, India


 Dr. Sasabindu Jana
 Principal
 Raidighi College


 Dr. Swapna Mukherjee
 West Bengal State President,
 Microbiologists Society, India


 Dr. Sisir Chatterjee
 IQAC Coordinator
 Raidighi College


 Dr. Amitava Moitra & Mr. Suvankar Ghosh Roy Chowdhury
 NSS Program Officers, Raidighi College


 Dr. Shakuntala Ghorai & Dr. Arunima Biswas
 Organizers, Dept. of Microbiology, Raidighi College

Made for free with Certify'em



Sample Certificate of Appreciation to the Judges

	<p style="text-align: center;"><i>Certificate of Appreciation</i> <i>Presented to</i> Dr. Maitreyee Mondal Coordinator, West Bengal Student Unit, Microbiologists Society, India & Assistant Professor, Dept. of Microbiology, Dinabandhu Andrews College <i>For</i> acting as honourable Judge in the ONLINE STATE LEVEL STUDENT COMPETITION {slogan writing} <i>to observe</i> WORLD MALARIA DAY, 2021</p>		
<p style="text-align: center;"> Dr. A.M. Deshmukh President Microbiologists Society, India</p>	<p style="text-align: center;"> Dr. Sasabindu Jana Principal Raidighi College</p>	<p style="text-align: center;"> Dr. Shakuntala Ghorai Organizer Raidighi College</p>	<p style="text-align: center;"> Dr. Arunima Biswas Organizer Raidighi College</p>

**Collaborative initiative under MoU between Raidighi College and
Dinabandhu Andrews College, Kolkata:**

**Invitation to Dr. Maitreyee Mondal and Dr. Swapna Mukherjee,
Faculty members of Dept. of Microbiology, Dinabandhu Andrews College,
To act as Judges in the
Student slogan competition to observe International Microorganism Day 2022**



STUDENT COMPETITION

on

SLOGAN WRITING

organized by

Department of Microbiology, Raidighi College

To observe

International Microorganism Day {IMD}, 2022

Event Theme: Acknowledging the essential, beneficial contributions of Microbes

Slogan Topic: Invisible yet Invaluable

- ◆ All current and outgoing students of Raidighi College are welcome to participate.
- ◆ First 50 submissions will be considered.
- ◆ Submission is to be made to Dept. of Microbiology on or before 14th September, 2022.
- ◆ Result will be announced on 17th September, 2022 (IMD).

Please note~

Use A4 page only.

Word limit of slogan: maximum 25 words [in English]

Hand-drawn Image/Figure may be used.

Submission must be an original, hand-made creation and not print outs.

Write your full name, batch (including name of the Dept., for Hons. students), valid phone number and e-mail id at the back of the page.

Chief Patron: Dr. Sasabindu Jana, Principal, Raidighi College.

Advisor: Dr. Swapna Mukherjee, State President, Microbiologist Society of India, West Bengal Unit.

Organizers: Dr. Shakuntala Ghorai, Dr. Arunima Biswas [MSI State coordinator], Mr. Prabir Sahoo.

Winners will be awarded with Certificate of Merit and a small token of appreciation.

SLOGAN COMPETITION ENTRIES_IMD 2022

Inbox x



shakuntala ghorai <shakuntalaghorai@gmail.com>
to Maitreyee, Swapna, of, me, Prabr ▾

Sep 17, 2022, 8:45 AM



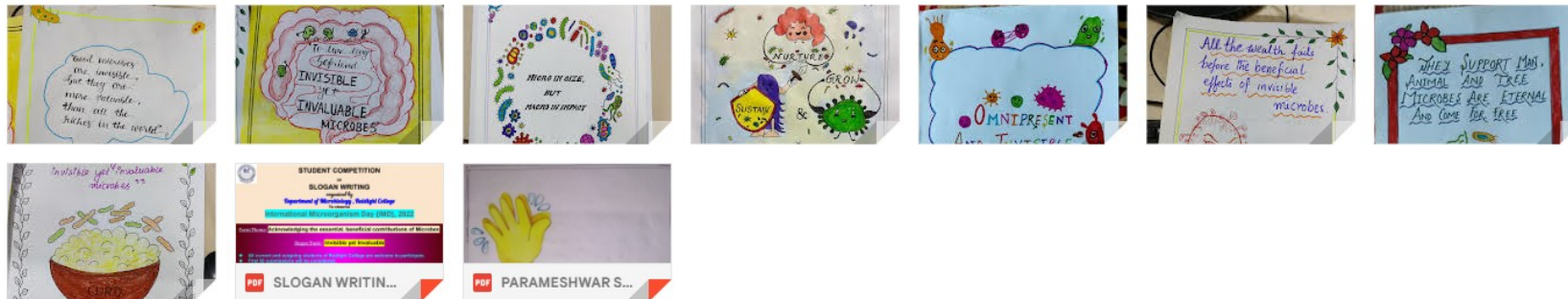
Dear Madam,

Department of Microbiology, Raidighi College has organized one slogan competition (hand made) to observe International Microorganism Day this year. In this regard, we sincerely appreciate your approval to be the honorable judge of the competition. Entries are attached for your reference and we hope to announce the result soon. Thank you so much.

Sincere regards

Shakuntala Ghorai
Department of Microbiology
Raidighi College

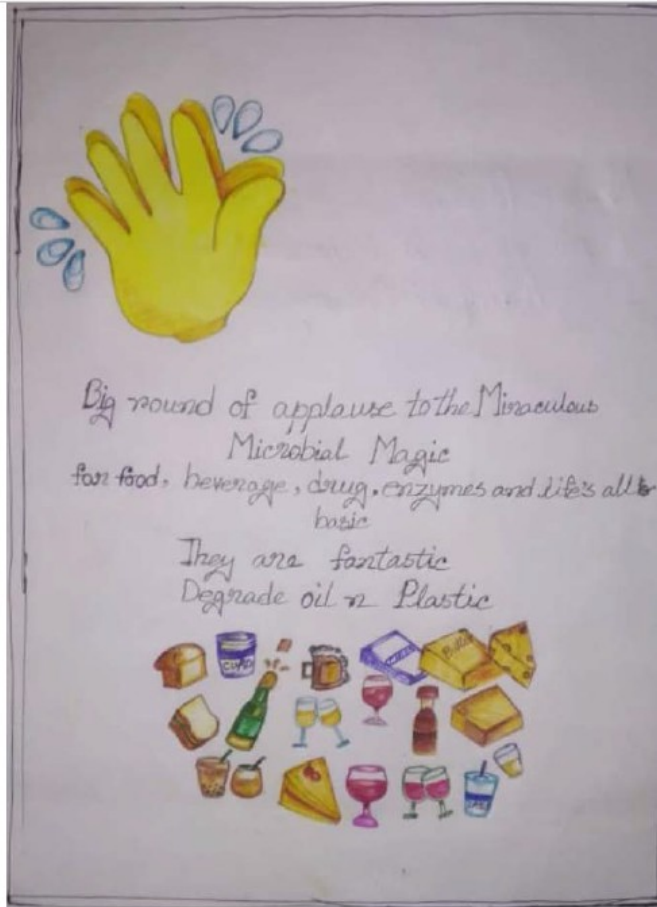
10 Attachments • Scanned by Gmail



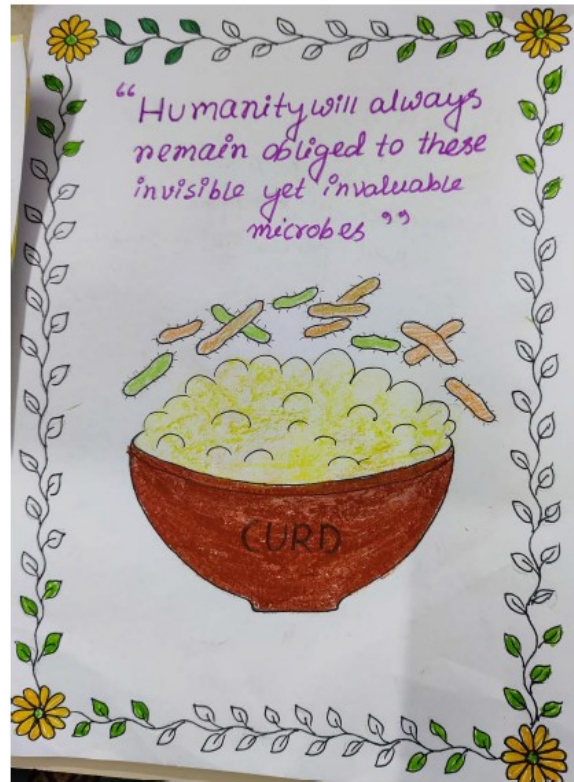


SAYANI SANTUA
Dept. of Microbiology, SEM V





PARAMESHWAR SARDAR
Dept. of Microbiology, 2022 Passout



PRITHA SAU
Dept. of Food & Nutrition, SEM III

