

DEPT. OF MICROBIOLOGY
RAIDIGHI COLLEGE

Events

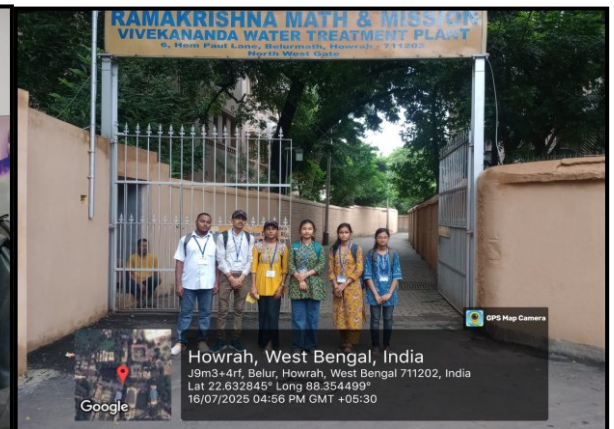
July - Sep., 2025

1. Educational Visit : 16th July, 2025

Students (CCF 4yr and 3yr MDC of semester 2 and 4), staff Mr. Chayan Mandal and teachers Mr. Prabir Sahoo and Dr. Arunima Biswas of Dept. of Microbiology, Raidighi College visited the 'Vivekananda Water Treatment Plant' at Ramakrishna Math, Belur Math on 16th July 2025 from 2-4 pm. Wastewater treatment plant visit is a part of NEP UG syllabus. Mr. Sourav Gupta, Chemist and in-charge of the water treatment plant, conducted the field tour, explaining each step meticulously to the students. Students also visited their Microbiology and quality control labs and the Supervisory Control And Data Acquisition (SCADA) centre from where the entire process is supervised.

Job opportunities for Microbiologists in this sector were also discussed.

It was a very enriching experience for all participants. We are grateful to RKM Belur Math for this opportunity.



2. Microbiologists Society, India Student Unit Inauguration at Raidighi College for session 2025-26 along with Gut Health Awareness among Guardians as part of Community Awareness Program: 5th August 2025





Raidighi, West Bengal, India

P.o.+p.s, Sub. Division: Diamond Harbour, Raidighi, West Bengal 743383, India

Lat 21.991506° Long 88.441066°

05/08/2025 12:39 PM GMT +05:30



GPS Map Camera

MBSI STUDENT UNIT 2025-26 SESSION
RAIDIGHI COLLEGE, SOUTH 24 PARGANAS, WEST BENGAL

NAME	DEPT.	BATCH	MEMBERSHIP FEE
SAYANTIKA BAIDYA	Microbiology	Sem 4	Rs 150/-
SHRABANTI MANNA	Microbiology	Sem 4	Rs 150/-
SOUMYAJIT NASKAR	Microbiology	Sem 2	Rs 150/-
SOUMILI NASKAR	Microbiology	Sem 2	Rs 150/-
SWAPNODIP BHANDARI	Microbiology	Sem 2	Rs 150/-
SAYAN HALDER	Microbiology	Sem 2	Rs 150/-
JIDAN JAMADAR	Microbiology	Sem 2	Rs 150/-
SUPRIYA PURKAIT	Botany	Sem 2	Rs 150/-
KRISHANU NEOGI	Botany	Sem 2	Rs 150/-
SATYAM HALDER	Botany	Sem 4	Rs 150/-
SHRUTI MONDAL	Botany	Sem 4	Rs 150/-
SAGARIKA NASKAR	Botany	Sem 4	Rs 150/-
President: SHRABANTI MANNA Treasurer: SAYANTIKA BAIDYA Secretary: SOUMYAJIT NASKAR			

Teacher Coordinator:

Dr. Arunima Biswas, State President, MBSI West Bengal Unit.

3. HPV Vaccination Drive ~ Pre- Independence Day Social Outreach Prog.

Collaborative Awareness Drive was arranged at Raidighi Srifaltala Chandrakanta High School (in rural Sundarban region) by the Dept. of Microbiology and NSS Unit 1 of Raidighi College and Microbiologists Society, India (West Bengal Unit) on HPP Vaccination and Cervical Cancer Awareness along with Cyber Crime Alertness as Pre- Independence Day outreach program on **14th Aug, 2025**.

No. of participating students from the College: 13

No. of participating students from the School: 58

No. of participating Teachers from the College: Dr. Arvinda Shaw, Dr. Arunima Biswas

There was a Quiz Session to assess student understanding of the awareness topics discussed, followed by prize distribution.

Certificate and memento on behalf of MBSI (West Bengal Unit) were handed over to the Assistant Head-master & TIC Mr. Prasenjit Singha for making his school 'HPV Awareness Warrior'.

There was also a brief session on Cyber Security Awareness by NSS volunteers.

The program ended with a rally in the school and neighbouring areas by Raidighi College students to spread awareness on HPV Vaccination and also 'Har Ghar Tiranga Campaign' to honour the legacy of our National Flag by inspiring everyone to hoist the Tricolour during the Independence Day week.



HPV VACCINATION & CERVICAL CANCER AWARENESS DRIVE In Schools

Organized By
Department of Microbiology & NSS UNIT-1

of
RAIDIGHI COLLEGE,

Raidighi, South 24 Parganas, West Bengal

In Collaboration with
Microbiologists Society, India (West Bengal Unit)

CHIEF PATRONS:

Dr. Arvind M. Deshmukh
All India President, MBST

Dr. Sasabindu Jana
Principal, Raidighi College

Awareness Drive Phase 1

Venue: Raidighi Srifaltala Chandra Kanta High School,
Raidighi, South 24 Parganas, West Bengal

Date & Time: 14th August, 2025; 12.30 pm onwards

Resource Persons:

Dr. Arvinda Shaw
Assistant Professor, Dept. of Food and Nutrition
Raidighi College
&
Programme Officer, NSS UNIT-1, Raidighi College

Dr. Arunima Biswas
Assistant Professor, Dept. of Microbiology
Raidighi College
&
State President, MBST, West Bengal Unit



Volunteers Attendance's.

Sl.	Name	Sem	Cate	Contact no.	Signature
1.	Suchimita Gayan	2nd	SC	8509892909	Suchimita Gayan
2.	Purnima Dhal	2nd	SC		Purnima Dhal
3.	Pasham Jatra	2nd	SC	7601822183	Pasham Jatra
4.	Basanti Ghosh	2nd	OBC	8101914198	Basanti Ghosh
5.	SARA MA DEY	2nd	OBC	9332477148	SARMA DEY
6.	SUSAMA DEY	2nd	OBC	7812064679	SUSAMA DEY
7.	Shashiprava Purkait	2nd	OBC	7812260788	Shashiprava Purkait
8.	Sudeshna Halder	2nd	General	9609104973	Sudeshna Halder
9.	Souniti Naskar	2nd	SC	8809131661	Souniti Naskar
10.	Sangita Maiti	2nd	General	8658212687	Sangita Maiti
11.	Sourajit Naskar	2nd (MBST)	SC	8001517062	Sourajit Naskar
12.	Supriya Bhattacharya	2nd (MBST)	General	7439642761	Supriya Bhattacharya
13.	Supriya Purkait	2nd (MBST)	General	6295837969	Supriya Purkait

- Prosenjit Sinha
Raidighi Srifaltala CK High School (HS)
Assistant Headmaster cum r/c.
- Dr. ARUNIMA BISWAS (Biswas)
Assistant Professor & Head, Dept. of Microbiology, Raidighi College.
State President, West Bengal Unit of Microbiologists Society, India.
- Dr. ARVINDA SHAW
Raidighi College- NSS- Programme officer - 1.
14/08/2025.





4. **Intra-College Competition on MICROBIAL DIGITAL ART WORK, Theme: Microbes in Health**, organized by Dept. of Microbiology, Raidighi College and West Bengal Unit of Microbiologists Society, India, to observe IMD 2025.

 International Microorganism Day {IMD}, 2025 Department of Microbiology, Raidighi College <i>{Raidighi, South 24 Parganas, West Bengal}</i> <i>In collaboration with</i> Microbiologists Society, India <i>[West Bengal Unit]</i> Invite all Life Science Students & all Biology Enthusiasts of Raidighi College To participate in the Intra-College Competition on MICROBIAL DIGITAL ART WORK Theme: Microbes in Health CHIEF PATRONS: Dr. Arvind M. Deshmukh All India President, MBSI Dr. Sasabindu Jana Principal, Raidighi College	Submit your digital artwork via the following link on or before 21st September, 2025 midnight. https://forms.gle/3eC5qjhXEP2464Us6 Note: • All current students of Life Science and any Biology enthusiast {student/staff} <u>from Raidighi College</u> can participate. • Digital artwork should be original and of A4 paper size. • Only one submission is allowed per person. • Submission can be individual or in group of max 3 people. • All participants will receive E-certificates. • Top 3 submissions will be awarded. HAPPY IMD, 2025 !!!
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Total of 10 submissions were received. Result will be declared after Puja vacation.

Judge:

Dr. Sharmila Chakraborty,
West Bengal State Coordinator,
Microbiologists Society, India.
Associate Professor & Head,
Dept. of Microbiology,
Sammilani Mahavidyalaya,
Baghajatin,
Kolkata- 700094.

Sample E-certificate of participation:

Certificate of Participation		Certificate of Participation					
This is to certify that SWAPNODIP BHANDARI, 2nd Semester B.Sc MDC student of Raidighi College, has participated in the Intra-College Competition on MICROBIAL DIGITAL ART WORK [Theme: Microbes in Health], organised by Department of Microbiology, Raidighi College <i>in association with</i> West Bengal Unit of Microbiologists Society, India (MBSI), to observe International Microorganism Day [17th Sep., 2025].		This is to certify that Chayan Mandal, Non-Teaching Staff (Lab Technician) of Dept. of Microbiology, Raidighi College, has participated in the Intra-College Competition on MICROBIAL DIGITAL ART WORK [Theme: Microbes in Health], organised by Department of Microbiology, Raidighi College <i>in association with</i> West Bengal Unit of Microbiologists Society, India (MBSI), to observe International Microorganism Day [17th Sep., 2025].					
 Dr. Sasabindu Jana Principal, Raidighi College	 Dr. Arvind Deshmukh All India President, MBSI	 Dr. Arunima Biswas MBSI State President, W.B. Unit & Head, Dept. of Microbiology, Raidighi College	 Dr. Madhumita Majumder MBSI State Coordinator, W.B. Unit & Head, Dept. of Botany, Raidighi College	 Dr. Sasabindu Jana Principal, Raidighi College	 Dr. Arvind Deshmukh All India President, MBSI	 Dr. Arunima Biswas MBSI State President, W.B. Unit & Head, Dept. of Microbiology, Raidighi College	 Dr. Madhumita Majumder MBSI State Coordinator, W.B. Unit & Head, Dept. of Botany, Raidighi College

It should be mentioned that Poster made by students of Microbiology Dept has been selected to be a part of MBSI national e-calendar 2026 on Sickle Cell Disease (SCD) Awareness, as part of the National Mission of SCD eradication by Ministry of Health. The poster was an entry in the **Poster-making Competition for Students [UG & PG] On Sickle Cell Disease [SCD] Awareness**, organised by MBSI West Bengal Unit on **11th Aug., 2025** at Scottish Church College.



Participants:

Soumyajit Naskar, Swapnodip Bhandari, Soumili Naskar [Sem 2 students and members of MBSI Student Unit]



Microbiologists Society, India (West Bengal Unit)
in collaboration with
**Department of Microbiology,
 Scottish Church College, Kolkata**
Welcomes you all to
MBSI Lifetime Devotion Award Ceremony
 &
International seminar on
‘Global Perspective on Immunological Research’
along with
Poster-making Competition for Students
On Sickle Cell Disease Awareness
Date & Time: 11th August, 2025; 1 pm - 4 pm
Venue: Sri Abhay Charan De Hall, Scottish Church College



All Participants will get Certificates. Competition winners will be awarded.
 Registration fee : Rs 100/- only. Registration Link : <https://forms.gle/Ce2wAgUxXZySLNJR6>
 Last Date of Registration: 06/08/2025



SICKLE CELL DISEASE

INVISIBLE BUT LIFE - THREATENING 

CAN YOU SEE THE PAIN ? NEITHER CAN THEY .



WHAT IS SICKLE CELL DISEASE

a genetic blood disorder where red blood cells become sickle - shaped and block blood flow



HOW IT SPREADS: THE HIDDEN INHERITANCE

If both parents have sickle cell trait (carriers), there's a 25% chance their child will have sickle cell disease and a 50% chance their child will also have the sickle cell trait.

WHAT YOU CAN DO TO STOP THE SPREAD

- Get tested
- Spread Awareness
- Donate Blood
- Especially Support Affected Families in Tribal area



IT IS A SILENT CRISIS AND NEEDS EMPATHY



SYMPTOMS & COMPLICATIONS:

- Anemia
- Delayed growth
- Chest pain & Stroke
- Vision Problem
- Organ Damage
- Swelling in Hand
- Severe Joint Pain
- Fatigue and Weakness

BREAK THE SILENCE - TALK ABOUT IT

SCD kills more than just blood cells.
It kills futures.....unless we act.

Raidighi College
Soumyajit Naskar
Swapnodip Bhandari
Soumili Naskar

OBSERVE WORLD SICKLE CELL DAY - 19th JUNE

Be a part of the "National Sickle Cell Anaemia Elimination Mission"