

RAIGANJ SURENDRANATH MAHAVIDYALAYA

Sudarshanpur, Raiganj, Uttar Dinajpur

(Affiliated to University of GourBanga, Malda)

Recognized by UGC U/S 2f & 12(B)

NAAC accredited College with "B"+Grade (December'2016)

Seminar on 'Micro (Nano) Plastics (MNPS) Pollution in Urban Wetlands and Its Impact on Ecosystem Sustainability" to commemorate World Wetlands Day 2025

Organized by

Department of Botany

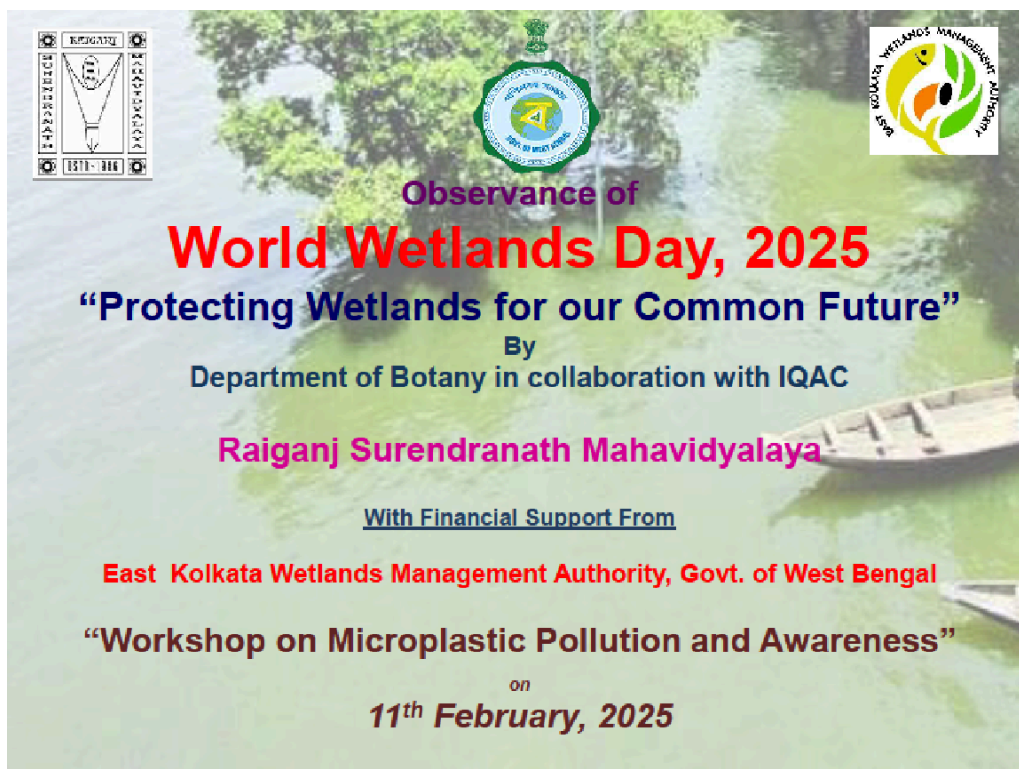
Sponsored by

East Kolkata Wetlands Management Authority, Govt. of West Bengal

On 11th February, 2025

At Milanayatan Hall Raiganj Surendranath Mahavidyalaya

Seminar on 'Micro (Nano) Plastics (MNPS) Pollution in Urban Wetlands and Its Impact on Ecosystem Sustainability" was organized by Department of Botany in collaboration with IQAC with the financial assistance of East Kolkata Wetlands Management Authority, Govt. of West Bengal to commemorate World Wetlands Day, 2025 on 11th February, 2025 at Milanayatan Hall, Raiganj Surendranath Mahavidyalaya.



[Banner of the programme]

The major purpose of this awareness program was to aware students, teachers and non-teaching staff about wetland diversity and their importance in ecosystem sustainability. Also focused on the importance of the celebration of World Wetland day. In this program college students from different disciplines attended. Undergraduate students of different disciplines like Botany, Zoology and Geography actively participated and made the program a ground success.





Raiganj Surendranath Mahavidyalaya
 NAAC accredited College with "B+" Grade (December' 2016)
 Raiganj, Uttar Dinajpur, West Bengal, INDIA, PIN 733134
www.rsmraiganj.in

Observance of
World Wetland Day, 2025
 by
Department of Botany
 in collaboration with
IQAC, Raiganj Surendranath Mahavidyalaya
 and
East Kolkata Wetlands Management Authority,
 Govt. of West Bengal

"Workshop on Microplastic Pollution and Awareness"

| Programme Schedule | | |
|--|----------|--|
| 11 th February, 2025 (Milanayatan) | | |
| Welcome Address | 11:00 AM | Dr. Chandan Roy <i>Principal</i> <i>Raiganj Surendranath Mahavidyalaya</i> |
| Introductory Speech | 11:15 AM | Dr. Abhinandan Das <i>Coordinator, IQAC</i> <i>Raiganj Surendranath Mahavidyalaya</i> |
| Inaugural Address | 11:30 AM | Shri Kingshuk Maiti <i>SDO, Raiganj</i> <i>Administrator,</i> <i>Raiganj Surendranath Mahavidyalaya</i> |
| Programme Orientation Speech | 11:45 AM | Dr. Rakhee Das Biswas HoD and <i>Associate Professor/Department of Botany</i> <i>Raiganj Surendranath Mahavidyalaya</i> |
| Keynote Speech | 12:00 PM | Dr. Abhijit Sarkar <i>Assistant Professor</i> <i>Department of Botany</i> <i>University of Gour Banga</i> |
| LUNCH | | |
| Workshop on Microplastic Pollution and Awareness | 02:30 PM | Dr. Abhijit Sarkar & Team <i>Department of Botany</i> <i>University of Gour Banga</i> |
| Vote of Thanks | 04:00 PM | Dr. Abdus Sabur <i>Department of Botany</i> <i>Raiganj Surendranath Mahavidyalaya</i> |

#cleanearth_greenearth

[Schedule of the programme]

The program was inaugurated with the welcome address delivered by the Principal, Raiganj Surendranath Mahavidyalaya followed by IQAC coordinator and lighting of lamp along with inaugural song.



[Inaugural session]



The keynote speaker of the seminar was Dr. Abhijit Sarkar. He is working as an Assistant Professor at University of Gour Banga for last 10years. Dr. Sarkar is currently working on urban pollution especially particulate and microplastic pollution and their possible mitigation through phytoremediation.



[Key note speaker Dr. Abhijit Sarkar, Assistant Professor, UGB]



Raiganj, West Bengal, India
Raiganj Surendranath Maha Vidyalaya, Raiganj, West
Bengal 733134, India
Lat 25.634447° Long 88.12964°
11/02/2025 12:45 PM GMT +05:30

He mainly focused on

- Importance of Ramsar convention and internationally acclaimed Ramsar sites.
- Indian scenario of Ramsar sites
- Ramsar sites in West Bengal
- Importance of East Calcutta Wetlands for the sustenance of Kolkata urban life
- Plastic and microplastic pollution
- Global trends of microplastic pollution
- Microplastic contamination in Wetlands
- Microplastic transport to human food chain
- Evidences of microplastic in different human organs
- Possible mitigation

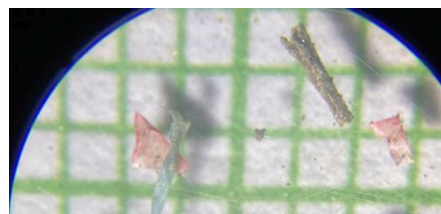
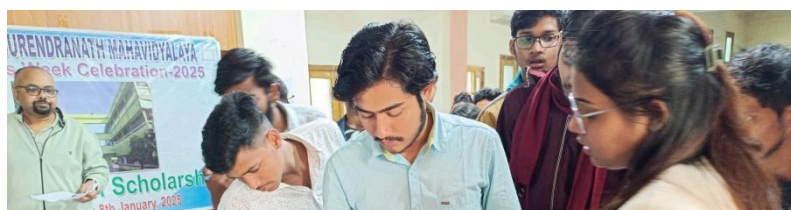
After lunch break second session started with the workshop on Microplastic Pollution and Awareness.

The workshop mainly focused on -

- Hands on experience on microplastic research
- Sampling guidelines from Wetlands
- Isolation of microplastic from Wetland samples
- Visualizations of microplastic through stereo microscopes
- Categorization of microplastic depending on their size fraction
- Categorization of microplastic depending on their color
- Feedback submission from participants

The students are enjoyed a lot and the workshop completed successfully. The programme ended with vote of thanks.

| RAIGANJ SURENDRANATH MAHAVIDYALAYA | |
|---|---|
|  | Sudarshampur, Raiganj, Uttar Dinajpur Pin - 733134 Contact: 7319393993 E-mail: raiganj@yahoo.co.in NAAC accredited B+, December 2016 |
| NOTICE | |
| 0261 | RSM 2828 |
| Date: 07-02-2025 | |
| Notice For: All faculties | |
| Subject: One-day Seminar on "Protecting Wetlands for Our Common Future" | |
| Department: All | |
| Department of Botany of Raiganj Surendranath Mahavidyalaya is going to organize a State Government funded one-day seminar on 11 th February, 2025 at MILANAYATAN from 11am onwards, on the theme "Protecting Wetlands for Our Common Future" to commemorate "WORLD WETLAND DAY-2025" in collaboration with IQAC, Raiganj Surendranath Mahavidyalaya and East Kolkata Wetland Management Authority, Govt. of West Bengal. All are cordially invited to actively participate in this insightful seminar. | |
|  Principal Raiganj Surendranath Mahavidyalaya | |





[Visualization of micro plastic through stereo-microscope]

[Hands on experience on micro plastic research]



[Team work]

One day- Workshop on MICROPLASTICS POLLUTION AND AWARENESS
Department of Botany
Raiganj Surendranath Mahavidyalaya

Attendance sheet 11/02/2025

| Sl. no | Name of the students | Department & SEM |
|--------|----------------------|------------------------------|
| 1. | Animesh Das | Zoology, 2 nd Sem |
| 2. | Sanchuan Das | " " |
| 3. | Gowda Abhishek | Zoology, 1 st sem |
| 4. | Sahin Tanveer | Zoology, 1 st sem |
| 5. | Prayushi Pal | Zoology, 1 st sem |
| 6. | Debanrita Paul | Zoology, 1 st sem |
| 7. | Meghna Ghosh | Zoology, 1 st sem |
| 8. | Maniya Prasad | Zoology, 1 st sem |
| 9. | Bannu Das | Zoology, 1 st sem |
| 10. | Kabul Roy | Zoology, 1 st sem |
| 11. | Subhasanku Das | Zoology, 1 st sem |
| 12. | Md Sahul | Zoology, 1 st sem |
| 13. | ABDUL AHAD | Zoology, 1 st sem |
| 14. | Gita Mishra | " " |
| 15. | Kabir Sarkar | " " |
| 16. | Rishi Raj | " " |
| 17. | Hrishikesh Sankar | Botany, 1 st sem |
| 18. | Tanisha Karmakar | Botany, 1 st sem |
| 19. | Talita Haqueem | Botany, 1 st sem |
| 20. | Shiba Das | Botany, 1 st sem |
| 21. | Mohammad Ali | Botany, 1 st sem |
| 22. | Sankha Roy | Botany, 1 st sem |
| 23. | Sanku Bhattacharya | Botany, 1 st sem |
| 24. | Sudip Saha | Botany, 1 st sem |
| 25. | Kid Sreyal Das | Botany, 1 st sem |
| 26. | Sujayanta Dasgupta | Botany, 1 st sem |

| | | |
|-----|-----------------------|-------------------|
| 27. | Riya Sarkar | Botany Sem-I |
| 28. | Prityatama Sarkar | Botany Sem-I |
| 29. | Lubana Yesmin | Botany Sem-I |
| 30. | Rihana Sarkar | Botany Sem-I |
| 31. | Eshwrita Mahanta | Botany Sem-I |
| 32. | Sakuntla Khatun | Botany Sem-I |
| 33. | Pranika Das | Botany Sem-I |
| 34. | Saikat Majumdar | Botany Sem-I |
| 35. | Bishnu Saha | Botany Sem-I |
| 36. | Shrabanta Das | Botany Sem-I |
| 37. | Susmita Mahanta | Botany Sem-I |
| 38. | Ashekananda | Geo Sem III |
| 39. | Akash Das | Geography Sem III |
| 40. | Arifon Das | Geography Sem III |
| 41. | Muska Debbarma | Geo Sem III |
| 42. | Debari Sarmah | Geo Sem III |
| 43. | Pasta Sonam | Geo Sem III |
| 44. | Md. Masud Reza | Geo Sem III |
| 45. | MD SAMAN AL KABIR | Geography Sem III |
| 46. | SUDHANKAR PAUL | Geography Sem III |
| 47. | Rama Biswas | Geography Sem III |
| 48. | Kajal Saha | Geography SEM IV |
| 49. | Chiranjit Chakrabarti | Geography SEM IV |
| 50. | Arifon Das | Geography SEM IV |
| 51. | Arifon Das | Geography SEM IV |
| 52. | MD SAMAN AL KABIR | Geography SEM IV |
| 53. | MD NABHIM AKTER | Geography SEM IV |
| 54. | | |
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| 65. | | |

[Students attendance & feedback of the Workshop]

Share your opinion on today's workshop

I'd be happy to share my thoughts! could you write me a bit more detail about the work shop, what it was about, how you felt it went, and what some new things you learned from it?

Then I can offer a more meaningful contribution.

Overall, it was a great learning opportunity, and I appreciate the efforts of the organizers to spread awareness and knowledge on important topics. It was indeed a very beneficial session.

Share your opinion on today's workshop

I'd be happy to share my thoughts! could you give me a bit more detail about the work shop what it was about how you felt it went and what stood out to you? Then I can offer a more meaningful opinion.

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[Feed-back from the students]



Convener

Raiganj Surendranath Mahavidyalaya



Principal

Raiganj Surendranath Mahavidyalaya