

## STEM Popularization Programme in Schools

As a part of School Outreach Program, on 27.06.2023 and 28.06.2023, Mangaldai College has included popularization of Science, Technology, Engineering, and Mathematics (STEM) and Demonstration of Foldscope and basic science experiments in six nearby schools by the faculties of the college. The STEM Popularization Programme ignited interest and enthusiasm for science, technology, engineering and mathematics, fostering a culture of innovation and inquiry among the students of the schools. The Programme benefitted almost 304 no of students.



**School Outreach Programme**  
Organised By  
**IQAC, Mangaldai College, Mangaldai**

**STEM POPULARIZATION 2023**  
(DEMONSTRATION ON FOLDSCOPE & BASIC SCIENCE EXPERIMENTS)

Date: 27-06-2023 Time: 9am -1pm	Date: 28-06-2023 Time: 9am -1pm
<b>Venue-</b> 1. Dahi High School 2. Dahi H. S. School 3. Lengeriajhar High School	<b>Venue-</b> 1. Govt. H. S. School, Mangaldai 2. Mangaldai Town Girls. H. S. School 3. Vidyapeeth High School
<b>Participating Faculties-</b> Mr. Rahul Malakar Ms. Himakhi Baisya Mr. Bikash Rabha Miss Priya Sonowal	<b>Participating Faculties-</b> Dr. Ananya Phukan Mr. Jintu Nath Miss Tunuja Boro Ms Deepa Pradhan
<b>Coordinating Person from Schools-</b> Mr. Sashanka Hazarika. Contact No: 9864169472	<b>Coordinating person from schools-</b> Mr. Sapon Jyoti Deka Contact No: 8638878030

**Programme Coordinator- Dr. Debashree Kakati, Asstt. Professor of Botany, Mangaldai College . Contact No. 9401912108/7002623954**




Mangaldai, Karimchowk, Mangaldai, Assam 784125, India

Mangaldai  
Assam  
India

2023-06-28(Wed) 01:09(pm)

31°C  
88°F




C2PM+J8V, Mangaldai, Assam 784125, India

Mangaldai  
Assam  
India

2023-06-28(Wed) 10:44(am)

31°C  
88°F




**Ramraipara, Assam, India**  
 FW7C+QQP, Bordoulguri Deomornoj Rd, Dighirpar,  
 Ramraipara, Assam 784147, India  
 Lat 26.464242°  
 Long 91.921985°  
 27/06/23 01:41 PM GMT +05:30



C2PJ+76P, Mangaldoi, Assam 784125, India  
Mangaldoi  
Assam  
India  
31°C  
88°F  
2023-06-28(Wed) 12:13(pm)



Darrang, AS, India  
Mangaldoi Part, Darrang, 784529, AS, India  
Lat 26.442260, Long 91.364470  
06/27/2023 10:56 AM GMT +05:30  
Note: Captured by GPS Map Camera



Ramraipara, Assam, India  
FW6C+GVR, Ramraipara, Assam 784144, India  
Lat 26.461607°  
Long 91.922018°  
27/06/23 01:18 PM GMT +05:30





classmate

SCHOOL OUTREACH PROGRAMME
Organised By
IQAC, Mangaldai College, Mangaldai
STEM POPULARIZATION
(DEMONSTRATION ON FOLDSCOPE & BASIC SCIENCE EXPERIMENTS)

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STEM POPULARIZATION 2023
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Date: 27-06-2023
Time: 9am -1pm
Venue:
1. Dahi High School
2. Dahi H. S. School
3. Lengeriajhar High School

Participating Faculties-
Mr. Rahul Malakar
Ms. Himakshi Baisya
Mr. Bikash Rabha
Miss Priya Sonowal

Programme Coordinator-
Dr. Debashree Kakati,
Asstt. Professor of Botany, Mangaldai College
Contact No. 9401912108/7002623954

Date: 28-06-2023
Time: 9am -1pm
Venue-
1. Govt. H. S. School, Mangaldai
2. Mangaldai Town Girls. H. S. School
3. Vidyapeeth High School

Participating Faculties-
Dr. Ananya Phukan
Mr. Jintu Nath
Miss Tunuja Boro
Ms. Deepa Pradhan

STEM Popularization Programme 2023

Date - 27/06/23
Venue (1) - Dahi H.S. School
Time - 10 AM
Experiments performed -
1. Foldscope Demonstration
2. To check the TSS of a given food sample.

- Signatures -
1. Abdul Aziz
2. Bani Dasi
3. Parul Banna
4. Mahidul Haque
5. Sahid Ahsan
6. Maqbul Ali
7. Abdul Aoni
8. Javed Akhtar
9. Jamshed Ansari
10. Abirath Das
11. Dhruv Deka
12. Ashim Boruah
13. Pratik Deka
14. Abdul Hamman
15. Kumar Anab Nayagam Dev
16. Shuman Deka
17. Pragnya Smiti Deka
18. Hemangee Deka
19. Ashmit Rahman
20. Firdous Begum
21. Anshu Khatun



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- 22. Sonu Boro
23. Udit Deka
24. Saurav Deka
25. Pranab Das
26. Nayun mauli garowani
27. Eshwar Selam
28. Nikhil Deka
29. Nil Anand
30. Muskan Begum
31. Hiran malya bora
32. Nikhil Deka (A)
33. Rishwan Akram
34. Kavitik Deka
35. Baby ana Begum
36. Bhavita Deka
24. Parvita Boruah
25. Farhana Elahi
26. Ritumati Hazarika
27. Bharghava Deka
28. Anushree Deka
29. Hyndra Boruah
30. Anika Rajasree
31. Priya Saitia
32. Ananya Deka
33. Nikhita Kalita
34. Sakha Sabnam
35. Rimpi Boruah
36. Sima Begum
37. Rajan Hazarika
38. Homam Deka
39. Tanika Kalita
40. Anisa Begum
41. Dikshita Deka
42. Anshika Deka
43. Sulfana Begum
44. Rina Hazarika
45. Akshay Boruah
46. Tanush Sarmah
47. Nikesh Sarmah
48. Anisya Bora
49. Mostafizur Rahman
50. Riturani Deka
51. Gaurav Kalita
52. Jay Prakash Deka
53. Palak Bora Rajasree
54. Madhira Bhanu
55. Manoj Boruah
56. Bhagyashree
57. Rishita Sarmah
58. Nikhita Deka
59. Kushi Deka

- Date: 27/06/2023
Venue (2): Dahi Baalika Bhidyapitha High School
Time: 11:30 AM
Experiments Performed: Foldscope Demonstration
Ajayanta Sarmah H.S. / K. Jyoti Balaika Bhidyapitha H.S. / P. Jayanta Boruah
17. Kavayati Boruah
18. Zemi Deka
19. Koushika Deka
20. Parvita Deka
21. Jannu Deka
22. Dulma Kumar
23. Bhavita Kumar
24. Luna Kumar
25. Parvitha Saitia
26. Monira Begum
27. Rina Begum
28. Lakshmi Boruah
29. Parvitha Deka
30. Anshu Boruah
31. Diparna Deka
32. Anam N. Anand
33. Sri Hemanta Deka
34. Sri Anand Sarmah
35. Miss Anurupa Khanam
36. Sri Rajanika Deka
37. Sri Apulpa Deka
38. Sri Himashree Deka
39. Prayitana Parvati
40. Madurima Kalita
41. Ananta Deka
42. Parvita Chandra
43. Bhavisha Hazarika
44. Sagorika Sarmah
45. Sajid Akmal
46. Nabon Akmal
47. Wasim Akram
48. Akshay Mohan
49. Arijit Rahman
50. Mousam Charadwas class x 1
51. Pratik Boruah
52. Parvita Saitia
53. Pallab Deka
54. Nayan Smiti Saitia
55. D.P. Smiti Kalita
56. Subin Saitia
57. Rajulal Rajasree
58. Deep Smiti Rajasree
59. Dibhira Charadwas
60. Anshu Boruah
61. Anisa Ali
62. Nayan Smiti Hazarika
63. Akshay Hazarika
64. Manojan Boruah
65. Anshu Boruah
66. Saroma
67. Nikhil Bhanu Saitia

- Date: 27/06/2023
Venue (3): Lengeriajhar High School
Time: 12:30 PM
Experiments Performed: Foldscope Demonstration
1) Characterisation of acid and base
2) To check the TSS of a given food sample.
Signatures -
1. Gajak Chandana Hazarika
2. Koushika Deka
3. Arijit Rajasree Kalita H.S.
4.
5.
6. Manora Begum
7. Anshika Boruah
8. Farhana Saitia
9. Anshu Boruah
10. Nani Khanam
11. Anshika Begum
12. Hemangee Boruah
13. Anshika Boruah
14. Manoranika Deka
15. Koushika Deka
16. Anshika Boruah
17. Dibhira Anand Deka
18. Anshu Boruah
19. Madurima Khanam
20. Anshika Hazarika
21. Anshu Boruah
22. Parvita Deka
23. Nikhita Deka

Date : 28/06/2023.  
 Venue (1): Govt. H.S. School, Mangaldai  
 Time : 10:30  
 Experiments Performed : 1) Foldscope Demonstration  
 2) Hologram Demonstration  
 3) Convex lens magnification  
 4) PH analysis.

Signature:

1. Lalita Deka (Principal)	25/ Prabal Barua
2. Prasannika Saharia	26/ Shikhar Nath
3. Riha Mandal	27/ Chinmay Barua
4. Bhaswati Deka	28/ Eusuf Rihan
5. Pooja Parasram	29/ Mustafizul Rahman
6. Sabina Akhter Khanam	30/ Layan Das
7. Jyotirmala Sarma	31/ Joyesh Deka
8. Sana Yasmin	32/ Bisnu Sanyal
9. Anjuma Khanam	33/ Ruina Saharia (Asst. Teacher)
10. Sabnam Sidika	
11. Jayanti Halita	34/ Sukhamani Deka
12. Anjali Kalita	35/ Niba Deka
13. Khushi Begum	36/ Jami Saikia
14. Chinmay Saikia	37/ Purabi Mandal
15. Sayed Mastak	38/ Gitiima Chaudhury
16. Fahim Ali	39/ Sowdi Palgan
17. Debajit Hazarika	40/ Smitha
18. Hari prasad choudhan	41/ Nipa xelita
19. Nilofar Nath	42/ Nilofara Starina
20. Udayan Nath	43/ Anamul Alam (Asst. Teacher)
21. Javidul Hasan	
22. Juman Kabirip Baruah	
23/ Nitya Saikia	
24/ Tanu Raf Deka	

Date: 28/06/2023  
 Venue (1): Mangaldai Jinn Girls' Higher Secondary School  
 Time: 11:45 am  
 Experiments performed: Foldscope Demonstration  
 PH analysis  
 Convex lens Magnification  
 Hologram Demonstration.

Signature

1. Sima Deka	24/ Pakiya Yasmin
2. Niku Moni Kalita	25. Sanadhyahahee Deka
3. Bushmita Bardalai	26. Kalyansree Kalita
4. Jinti Kalita	27. Gournali Baruah
5. Parul mandal	28. Bhagyashree Deka
6. Nabarita Barua	29. Krishika Deka
7. Himansi Saikhar	30. Sajina yasmin
8. Manjhi Aich	31. Sumakshi Ghosh
9. Mami Saikhar	32. Isha moni Das
10. Lipika Ghosh	33. Anjana Deka
11. Jagdish Nath	34. Jifana yasmin
12. Rabita Choudhan	35. Namita Saikhar
13. Sri Jun moni Das	36. Riya Saharia
14. Manami Begum	37. Krishna Priya Das
16. Manvi Deb Nath	38. Meghna Devi
17. Karishma Hazarika	39. Kavitika Deka
18. Sanakshi Das	40. Kartana Saharia
19. Priya Das	41. Harshana Begum
20. Sulma Akatun	42. Shanti Bhosmit
21. Ritu Begum	43. Himanshi ee Sat Saikhar
22/ Gitanjali Das	44. Pransha Deka
23/ Jann Devi	45. Harita Kashyap
	46. Farhana Najhin

47. Himadri Baruah.  
 48. Priya Barhai  
 49. Bidisha Kalita  
 50. Maxwelle Deka  
 51. Shreya Thakur  
 52. Sai Dirahita Hazarika  
 53. Sumita Mandal  
 54. Sabina Begum  
 55. Karishma Devi  
 56. Priyanka Saha  
 57. Sumita Sarkar  
 58. Babli Das  
 59. Dipshikha Saikia  
 60. Dharaaee Borah  
 61. Boranpa Borah  
 62/ Gangi Baruah  
 63/ Pupa Deka  
 64/ Dhriti Deka  
 65/ M.M. 11 am

66) Abeer Sultan Ahmed  
 67) Mishra Das  
 68) Nishita Deka  
 69) Kashyabi Das  
 70) Sijita Das  
 71. Anayanka Das  
 72) Shakti Thakur  
 73) Anafi Akhter Ahmed  
 74) Anamika Mandal  
 75) Lipika Nath  
 76) Farhana Anjum  
 77) Niharika Saharia  
 78) Priyanka Biswas  
 79) Puja Deka  
 80) Prasannika Das  
 81) Ganina Hazarika  
 82) Dipalita Das  
 83) pagal Nayak  
 84) Rupshikha Das  
 85) Mami Das  
 86/ Parvati Das

21-06/2023

Venue: Mangaldai Vidyapeeth

Time: 12:30pm

Experiments performed: i) Foldscope Demonstration

ii) Pfl analysis

iii) Convex lens manipulation magnification

iv) Hologram Demonstration

Signature

Murmu Debta H.M

Head Master  
Mangaldai Vidyapeeth

1) Bipul Sumn (Bosun) (Teacher)

2) Sahabi Bhargav (Teacher)

3) Karushita Deka

4) Bipasha Sengupta

5) Mis. Sabra Yarmier

6) Rita Rajbhar

7) Dipanjali Das

8) Bismita Mosi Bania

9) Lecna Deka

10) Amina Begum

11) Liliika Deka

12) Rumpi Das

13) Kushi Das

14) Sanam Kumari Singh

classmate

15/ Miss: Semim Akhtara

16/ Tanija Chakrabarti

17/ Sanjana Kumari Singh

18/ Anima Kaita

19/ Ahila Chouhan

20/ Puro Chakrabarti

21/ ANAMIA DEKA

22/ Hemanti Kumari

23/ Rimpri Deka

24/ Debanti Kumari

25/ Dina Chouhan

26/ Asha Kumari

27/ Binida Chouhan

28/ Ritumoni Komar.

29/ Susmita Deka

30/ CHIMPI RAJBHAR

31/ Sanju Chouhan

32/ Anushi Saha