

## Awareness programs organized by the Department of Zoology, Morigaon College (Autonomous) in the session 2024-25.

Topic: Sickle Cell Disease: Understanding the Genetic Blood Disorder

Resource person: Dr. Amar Jyoti Deka, Medical Officer, Morigaon Civil Hospital

Date: 19<sup>th</sup> June, 2025

Venue: Seminar Hall, Department of Zoology.

An Awareness program was organized by the Department of Zoology, Morigaon College on 19th June 2025 in the Seminar Hall. Dr. Amar Jyoti Deka, Medical Officer, Morigaon Civil Hospital was present as the resource person and delivered a talk on the topic "*Sickle Cell Disease: Understanding the Genetic Blood Disorder*". The session started at 11:00 A.M. with an introduction to the genetic basis of sickle cell disease, emphasizing how mutations in the hemoglobin gene lead to abnormal red blood cell structure and function. Dr. Amar Jyoti Deka explained the molecular and physiological aspects of the disorder, highlighting the mechanism by which sickle-shaped cells reduce oxygen-carrying capacity and cause blockages in blood vessels. He also discussed the symptoms, complications, and current treatments for sickle cell disease, along with recent advances in genetic research and therapeutic strategies, including gene therapy.

The invited talk was highly insightful and educational, providing a clear understanding of the genetic, medical, and social implications of sickle cell disease. The event was well-received by the audience, who appreciated the opportunity to gain awareness about such an important genetic disorder from an expert in the subject. A total of 65 students from UG and PG attended the talk.





19. 06. 2025

Observation of

"World Sickle Cell Disease Awareness Day"

19<sup>th</sup> June, 2025

Resource Person: Dr. Amar Syahi Deha  
District Nodal officer, Sickle cell  
Elimination Program

Kishore Deha, District Data Manager,  
Sickle cell Elimination Program

Venue: Seminar Hall, Dept. of Zoology  
Morigaon College.

Signature : -

1. Nils Josen
2. Madhubanti Dv.
3. R. Ahmed
4. Dr. Abdul Amir Osni
5. D. Syahi
6. Anshu Siddiqua
7. Jyoti Rani



## Student Participants :

Sl. No.	Name	Roll No.	Class
1	Mangata Dewshi	32	H.S 1 <sup>st</sup> year
2	Prajna Shree Medhi	12	"
3	Mehrujo Jomanta Khan-	09	"
4.	Ponkhi Bora	87	"
5.	Mishu Chakraborty	45	"
6.	Tinashree Laskar	60	H.S 2 <sup>nd</sup> year
7	Chayanika Deka	87	H.S 2 <sup>nd</sup> year
8.	Shamiksita Senapati	120	H.S 2 <sup>nd</sup> year
9.	Ritamoni Devi	05	"
10.	Gouri Bordoloi	107	H.S 2 <sup>nd</sup> year
11.	Somima Akterca.	63	H.S 2 <sup>nd</sup> Year
12.	Sk Shabnam Begum	13	H.S 2 <sup>nd</sup> year
13.	Kankita Bora	129	H.S 2 <sup>nd</sup> Year
14	Anushka Chelo	81	H.S 1 <sup>st</sup> year
15	Jagruti Saikia	04	H.S 1 <sup>st</sup> Year
16.	Shreya Mazumdar	49	HS 1 <sup>st</sup> year
17	Bismit Hazarika	03	HS 1 <sup>st</sup> year
18.	Gurashree Medhi	14	HS 1 <sup>st</sup> year
19	Niha Bora	94	" 2 <sup>nd</sup> Year
20	Gouri Patan	103	" 2 <sup>nd</sup> year
21	Farrida Tahsin	74	HS 2 <sup>nd</sup> Year
22	Nilu Kumari	98	" 2 <sup>nd</sup> Year
23	Anushka Sarma	02	HS 1 <sup>st</sup> year
24	Kuturi Paul	44	H.S 2 <sup>nd</sup> year
25	Jahnabi Kachari	11	HS 2 <sup>nd</sup> year
26	Dikandita Medhi	02	" 2 <sup>nd</sup> year
27	Priyanka Biswas	84	HS 1 <sup>st</sup> year
28	Rishpa Borah	69	HS 1 <sup>st</sup> year
29	Surabi Biswas	35	HS 1 <sup>st</sup> year
30	Parishada Mazumdar	64	HS 1 <sup>st</sup> year
31	Jahnabi Boruah	39	HS 1 <sup>st</sup> year
32	Greetanjali Barma	34	HS 1 <sup>st</sup> year
33.	Rajshree Medhi	13	HS 1 <sup>st</sup> year

34	Sri Sikha Deka	43	H 1st year
35	Sri Bhagwati Devi	58	H 1st year
36	Prabirni Amsang	75	HS 1st year
37	Hoopiya Begum	48	HS 1st year
38	Shudipta Ray	(No)	HS 1st year
39	Upasana Hira	93	HS 1st year
40	Apnara Jecim Akhtara	67	H.S 1st year
41	Sukanya Devi	49	H.S 1st year
42	After Hussain	55	H.S 1st year
43	Rahul Hussain	71	H.S 1st year
44	Mustakin Alam	42	H.S 1st year
45	Karehik Jyoti Sahaia	47	H.S 1st year
46	Tushar Bora	57	H.S 1st year
47	Priyatom K. Nath	40	H.S 1st year
48	Dibakar palan	85	H.S 1st year
49	Anarajit Hukai	77	H.S 1st year
50	Debarish Borahoi	69	H.S 1st year
51	Prithana Borahoi Saha	25	H.S 1st year
52	Dharitri Dewni	65	H.S 1st year
53	Telemchi Devi	92	H.S 1st year
54	Panche Borahoi	30	H.S 1st year
55	Sonika Nazariya	(No)	H.S 1st year
56	Nisra Das	(No)	H.S 1st year
57	Nasrin Ansari	46	H.S 1st year
58	Anisha Begum	75	H.S 1st year
59	Ankita Gupta	51	H.S 1st year
60	Bhashyati Basumatary	60	H.S 1st year
61	Rasmilo Sarkar	88	H.S 1st year
62	Prince Nath	4	HS 2nd year
63	Ahmed Jast Borah	56	H.S 2nd year
64	Samim Ahmed	49	HS 2nd year

72.	Pradhanji Boodhai	39	H.S. 2nd year
73.	Jehan dev Bora	51	H.S. 1st year
74.	Anuj Deka	31	H.S. 1st year
75.	Fareed Ahmed	16	H.S. 1st year
76.	Rupshree Nath	01	H.S. 1st year
77.	Kaykon Nath	40	H.S. 1st year
78.	Bahamali Deka	29	H.S. 1st year
79.	Sudarshan Boria	26	H.S. 1st year
80.	Kapil K Nath	84	H.S. 2nd year
81.	Hemastree Mukai	57	H.S. 2nd year
82.	Parvinita Phangchang	55	"
83.	Parishmita Mukai	62	"
84.	Saurabh K. Pandey	82	H.S. 1st year
85.	Jyoti Gupta	57	"
86.	Elias Ahmed	56	1st
87.	Rajmohan Nath	94	1st year
88.	Satoni Choubey	52	H.S. 1st year
89.	Sania Begum	64	H.S. 1st year
90.	Mohsin Akhona Azad	29	H.S. 1st year
91.	Ume Habiba Begum	66	H.S. 1st year
	<del>92. Pooja</del>		