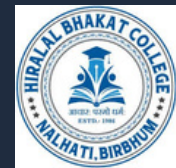


An initiative of Science Wings & IQAC
Science Exhibition
In the occasion of National Science Day, 2025



HIRALAL BHAKAT COLLEGE

NALHATI, BIRBHUM, W.B

Objectives

1. To promote interest in science and technology.
2. To develop communication skill and team works.
3. To motivate to share their discoveries with peers and educators.
4. To give opportunity to the students to showcase their creativity.



Theme: "Building public trust in science,"

Topics of the Science Exhibition

- Scientific steps and developing a scientific mindset to build a superstition-free society.
- The role and initiatives of media in increasing trust in science.
- Appropriate use of science and technology in developing green cities and villages.
- Application and acceptability of Artificial Intelligence (AI) in human society and medical science.
- Low-cost scientific models for water conservation and recycling.
- Science-based methods and rationale to eradicate mobile phone misuse among children and students.
- Modernization of agricultural practices based on science and technology.
- Science and technology-based research to mitigate global warming.
- Science and technology-based measures to prevent digital/cyber warfare.
- Daily dietary charts and science-based methods for boosting immunity.

Registration link

https://docs.google.com/forms/d/e/1FAIpQLSemHoViyFZT-X51seVAwY_Ygb4YRXUdg2tTU9Vr2SQKyeqPyg/viewform?vc=0&c=0&w=1&flr=0

DATE : 28-02-2025

TIME : 10:30 AM AND ONWARDS

GMAIL NSDHBC2023@GMAIL.COM
WEBSITE WWW.HBCNHT.EDU.IN

VENUE : HIRALAL BHAKAT COLLEGE
ROOM NO: 18 & 19



Hiralal Bhakat College

Estd.- 1986

Affiliated to the University of Burdwan and Re-accredited by NAAC

Nalhati, Birbhum, West Bengal, PIN- 731220

<https://www.hbcnht.edu.in/>



03465- 457120



+919647620782



hbcollege@gmail.com

Date: 15/02/2025

Notice

It is hereby notified for all concerned that a one-day international level seminar & Science Exhibition on "Building public trust in science," organised by the Science Wing of Hiralal Bhakat College will be held on 28.02.2025 at Hiralal Bhakat College (Room No 18 &19) on 10.30 am and onwards. All the interested candidates of school & college are cordially requested to participate the programs on this occasion.

Thanking you.

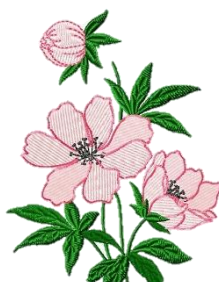
(Dr. Banshidhar Sahoo)
Convenor
Hiralal Bhakat College
Nalhati, Birbhum

(Dr. Nurul Islam)
Patron
Hiralal Bhakat College
Nalhati, Birbhum



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Invitation Card

Science Wing Hiralal Bhakat College

Nalhati, Birbhum, India

*In collaboration with
IQAC, Hiralal Bhakat College*

Organises

**A one day International Seminar
on the occasion of National Science Day, 2025**

*Celebrated to mark the discovery of "Raman
Effect" by Nobel Laureate Physicist
Sir C.V. Raman*

TITLE: BUILDING PUBLIC TRUST IN SCIENCE

DATE: 28TH FEBRUARY, 2025 TIME: 11AM

RESOURCE PERSONS



PROF. SUNIL KARFORMA
PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE
THE UNIVERSITY OF BURDWAN, W.B



DR. TAPAN SENAPATI
POST DOCTORAL FELLOW

SCHOOL OF MATHEMATICS AND STATISTICS
SOUTHWEST UNIVERSITY, BEIBEI CHINA

Coordinator
Dr. Suddhasattwa Banerjee
Coordinator, IQAC
Hiralal Bhakat College

Convenor
Dr. Banshidhar Sahoo
Coordinator of Science wing
Hiralal Bhakat College

Patron
Dr. Nurul Islam
Principal
Hiralal Bhakat College

Organising Committee:

Prof. Kritiman Biswas, Sk. Abdul Hanif, Md. Ashik Mondal, Smt. Tapasi Mukhopadhyay

ALL ARE CORDIALLY INVITED TO JOIN THIS SEMINAR.

POSTER



Science Wing
HIRALAL BHAKAT COLLEGE
Nalhati, Birbhum, West Bengal



Celebrates
National Science Day, 2025
Theme : "Building Public Trust in Science"

: International Level Seminar :

on

*"Building Public Trust in Science :
Strategies for Effective Communication
and Engagement"*

: Event of Competition:

- *Science poster Presentation*
- *Model Exhibition*

Venue :

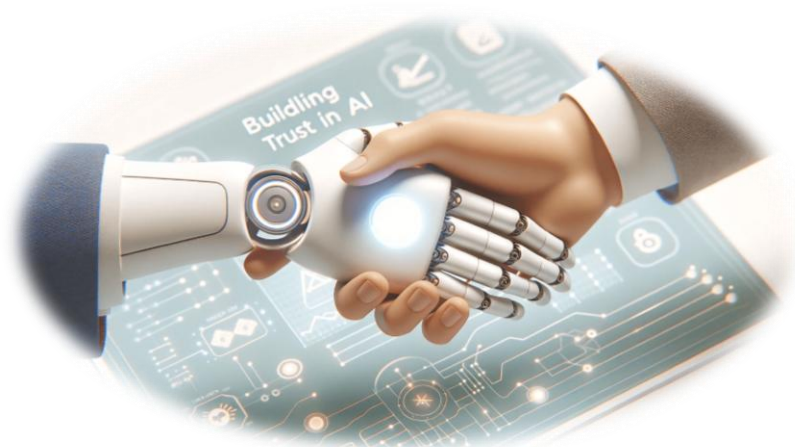
Hiralal Bhakat College
Nalhati, Birbhum

On Friday
February 28, 2025

Time : 10 A.M & onwards

Emphasizes the importance of fostering trust and confidence in scientific research and its role in addressing societal challenges.

All are cordially invited



Snapshot of Program Details



Consolidated Program for **National Science Day 2025**

Organized by
Science Wing, Hiralal Bhakat College, Nalhati, Birbhum

Date: 28th February, 2025

Venue: Hiralal Bhakat College, Nalhati, Birbhum (Room No 18 & 19)

Program Details

- 11.15 am : অনুষ্ঠান উদ্বোধন
- 11.20 am : Chief guests দেব বরন
- 11.30 am : প্রদীপ প্রজ্জ্বলন ও উদ্বোধনী সঙ্গীত
- 11.40 am : Principal sir এর প্রারম্ভিক ভাষণ
- 11.50 am : Chief Guest speaker
Prof. Sunil Karforma
Dean of Science and Prof.
Dept. of Computer science
The University of Burdwan, W.B
- 12.30 pm : Dance /song
- 12.35 pm : Eminent speaker:
Dr. Tapan Senapati
Post doctoral fellow
Southwest University, Beibei, China
- 1 pm : Inauguration of Science exhibition
& judgment
- 1.30-2.30pm : lunch and exhibition
- 2.30 pm : recitation /song
- 2.35-2.50 pm : Open Quiz
- 2.50-3.10 pm : Feedback from students,
teachers and guardian
- 3.10pm : Results announcement
- 3.15 pm : Distribution of prize and certificates
- 3.30 pm : Vote of Thanks by IQAC
- 3.45 pm : End of Program

INTRODUCTION

On February 28, "National Science Day" is honoured in remembrance of the renowned Indian scientist Sir Chandrasekhar Venkata Raman (Sir C.V. Raman). On this day in 1928, he discovered phenomena of photon scattering while working in the laboratory of the Indian Association for the Cultivation of Science, Kolkata; the phenomenon would later be called the "Raman Effect" in his honour.

Two years later, in 1930, he received the esteemed Nobel Prize for this remarkable discovery, which was India's first-ever Nobel Prize in science. Every year on February 28, India observes National Science Day in remembrance of the discovery of his famous innovation, the "Raman Effect. The theme for National Science Day 2025 is "Building public trust in science," which to understand how complex physical, biological and social systems function; and it is science for sustainability, to support sustainable policies and positive social transformations. Environmental change drives social transformations. The Science Wing of Hiralal Bhakat College, Nalhati, Birbhum, India organized a National Level Seminar on February 28, 2025, at Hiralal Bhakat College in collaboration with IQAC.

 **The main objectives of this Seminar are that the student will be able:**

- 1. To provide the psychological, political, and cultural drivers behind scientific skepticism and misinformation*
- 2. To understand how open data, peer-review transparency, and conflict-of-interest disclosures fortify public confidence.*
- 3. To understand our environment and its impact on future life.*
- 4. To provide information of dynamical relationship between human and environment.*
- 5. To Facilitate a networking dialogue between researchers, journalists, policymakers, and educators.*

DETAILS OF THE SEMINAR

The Science Wing of Hiralal Bhakat College observed National Science Day on February 28, 2025. In honour of National Science Day, a seminar at the national level was arranged. Speaking on scientific topics were two well-known lecturers from different universities. This seminar was eagerly and actively attended by about ninety-four students from various schools and institutions throughout all districts and states. Science Day celebrations commenced with the lamp-lighting ceremony at the inaugural session on February 28, 2025, in honour of Sir C.V. Raman. Our college's principal, Dr. Nurul Islam, presided over the gathering and provided a brief overview of the importance of National Science Day and its topic, "Building Public trust in Science."

Dr. Banshidhar Sahoo, coordinator of the Science Wing of Hiralal Bhakat College and the convenor of the National Science Day celebrations, presented the entire programme and revealed the schedule of the seminar. The honourable guests Dr. Amlan Jamadar, Assistant Professor in Mathematics of Rampurhat College, West Bengal; Dr. Uday Das, Assistant Prof. in Botany of Rampurhat College, WB; Dr. Alamgir, Assistant Prof in Physics, Abhedananda Mahavidyalay, Sainthia, WB, Prof. Kiran Kumar Mondal, Assistant Professor of Botany, Abhedananda Mahavidyalay, Sainthia, WB were present physically to glorify the programme. A National-level lecture on "Building Public trust in Science " was delivered by two specialists. The lecture began immediately following the programme's opening session.

The first distinguished speaker, Dr. Tapan Senapati, Post doctoral fellow, School of Mathematics and Statistics, Southwest University, Beibei, China, gave a presentation on " Building Public trust in Science: An emerging impact on School students". He delivered a brief presentation on development of science and its uses. He also taught pupils new ways of thinking about scientific discovery.

Prof. (Dr.) Sunil Karforma , Professor in Computer Science, The University of Burdwan, WB, India, was the other invited speaker. He gave a talk on " Building Public trust in Science: Application and its future ". In his lecture, he provided to all the participants some proper strategies and guide-lines how to build trust on science in real life.

A vote of appreciation was given to the distinguished speakers, professors, students, and other attendees to conclude the seminar.

EVENTS OF COMPETITIONS

On the occasion of National Science Day, the Science Wing of Hiralal Bhakat College organized various competitions on science topics. Exactly 43 students from various institutions and schools took part in those competitions.

The Science Model and Poster Making Presentation were launched at 1 PM, and about 53 students took part in the activities. The Topics of the Science Model were:

- Scientific steps and developing a scientific mindset to build a superstition-free society.
- The role and initiatives of media in increasing trust in science.
- Appropriate use of science and technology in developing green cities and villages.
- Application and acceptability of Artificial Intelligence (AI) in human society and medical science.
- Low-cost scientific models for water conservation and recycling.
- Science-based methods and rationale to eradicate mobile phone misuse among children and students.
- Modernization of agricultural practices based on science and technology.
- Science and technology-based research to mitigate global warming.
- Science and technology-based measures to prevent digital/cyber warfare.
- Daily dietary charts and science-based methods for boosting immunity.

However, the models and posters were judged by seven experts coming from different Colleges of West Bengal.

The winners of the Science Models were:

- 1st Place: Sujoy Mondal (Horioka High School)
- 2nd Place: Debarun Nayak (Harioka High School)
Mohit Thakur (Nalhati Hariprasad High School)
- 3rd Place: Nusrat Jahan (Nalhati High School for Girl's)

The winners of Science Poster Making were:

- 1st Place: Trisha Sahu (Kogram High School)
- 2nd Place: Soumalya Mondal (Nalhati Vivekananda Vidyapith)
- 3rd Place: Ankita Das (Nalhati High School for Girl's)

The organizer praised the winners and presented them with certificates and mementos. The coordinator thanked the participants. The winners received certificates and keepsakes.

Details of the Registration of Participation

The list of registration of the participation in National Seminar is given below:

Type of Participants	Number
School Students	85
School Teachers	14
Internal College Teachers	19
Other Participations	13
Total	131

Participation List:

https://drive.google.com/drive/folders/1gsnjTG5lXAuj9jw_bps4qQDqlai-5gEV

Budget of the Program

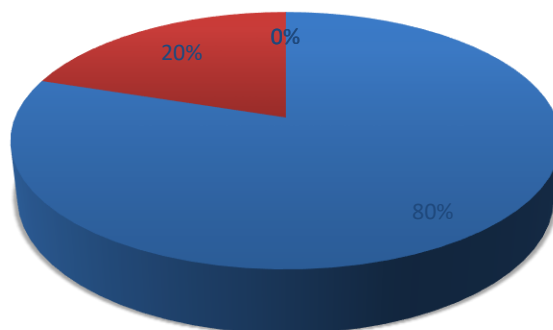
We provide each participant with a pad, pen and tiffin at the time of registration. The cost for room decoration, flex printing, and other expenses was incurred. The recourse persons received T.A. honorarium. The overall cost for completing the programme was close to Rs. 10,000. (Ten thousands only), which was provided by College Fund.

ANALYSIS OF POST-EVENT FEEDBACK

Total 1315 numbers of students and Teachers gave the Post-Event feedback and handed over to the organizer. On the basis of their evaluation, we have presented below the scenarios of Feedback in two Categories.

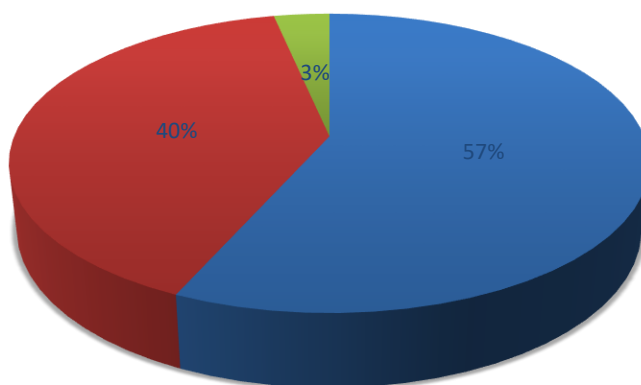
Feedback Analysis

AIM OF THIS PROGRAM



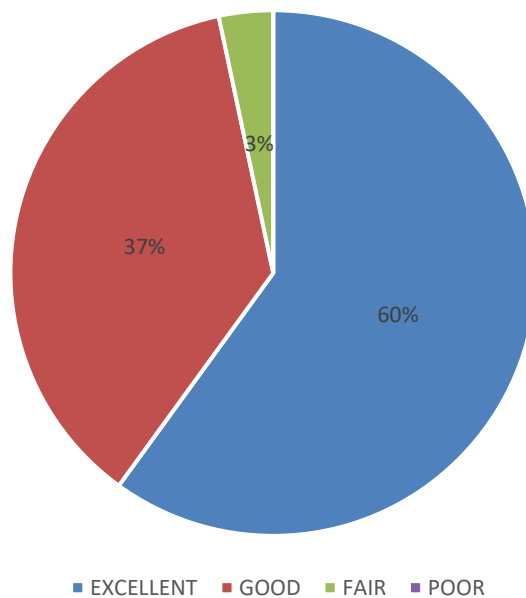
■ EXCELLENT ■ GOOD ■ FAIR ■ POOR

PLAN OF THIS PROGRAM

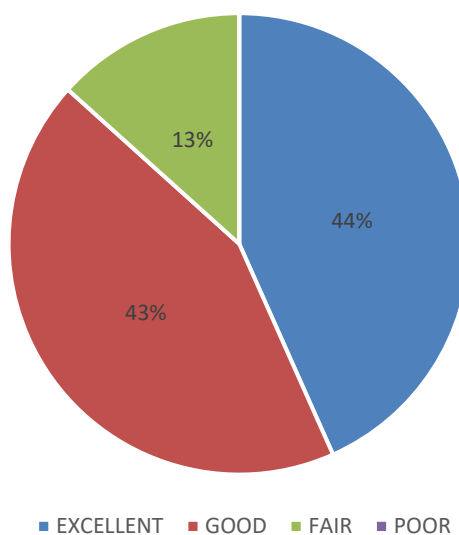


■ EXCELLENT ■ GOOD ■ FAIR ■ POOR

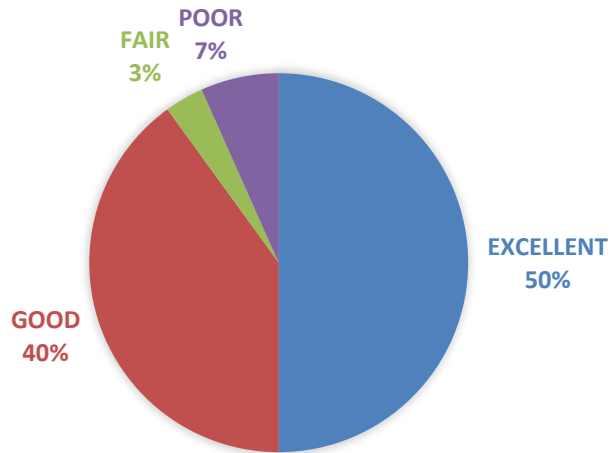
ROLE OF ORGANISERS OF THIS PROGRAM



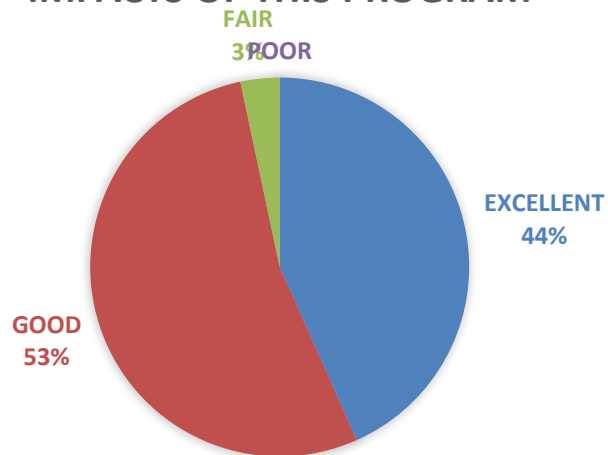
METRIALS AND PRESENTATAIONS OF THIS PROGRAM



OVERALL EXPERIENCE



IMPACTS OF THIS PROGRAM



PRESENTATION OF TOTAL PROGRAM

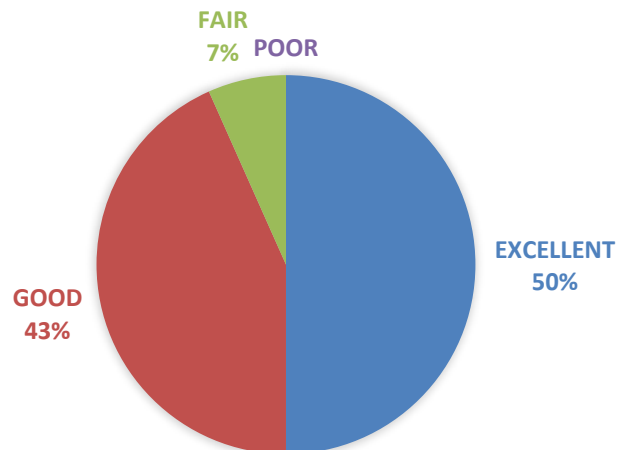
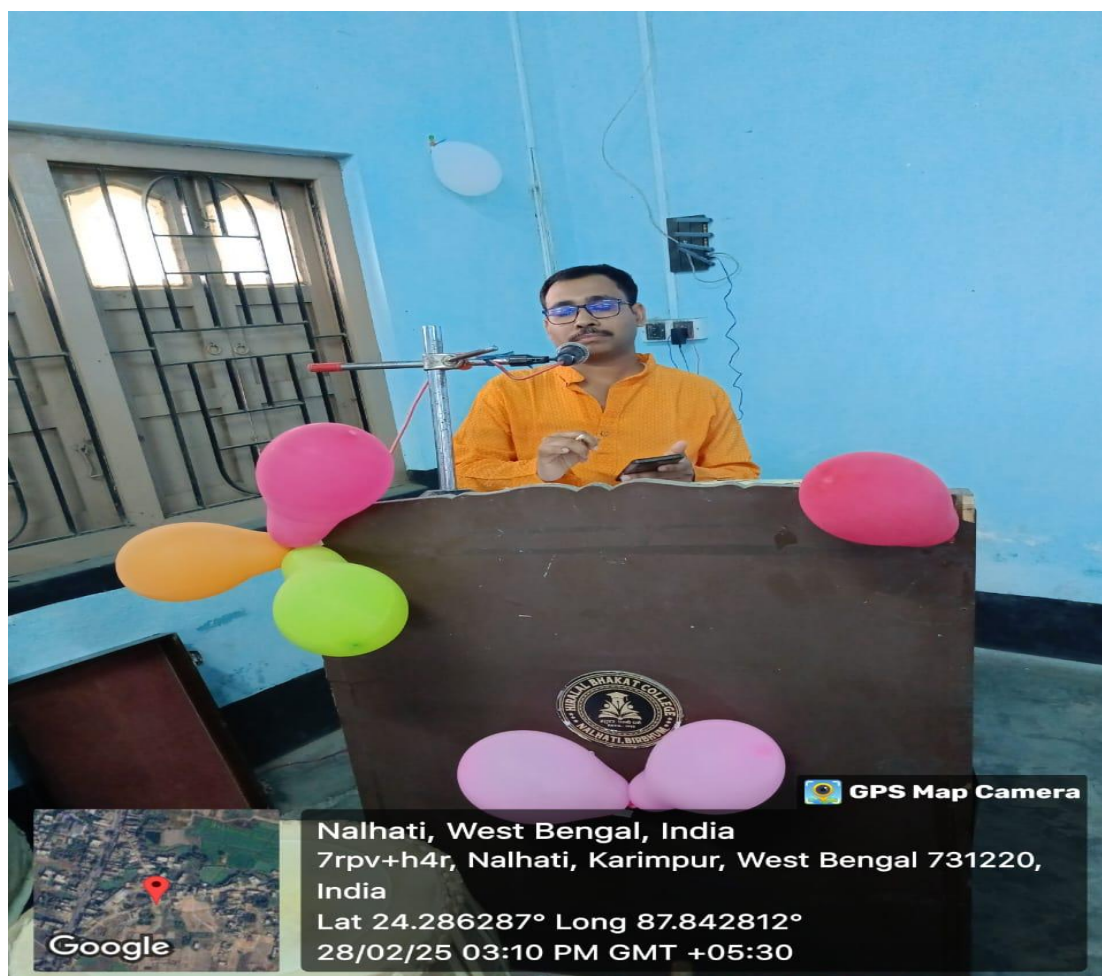
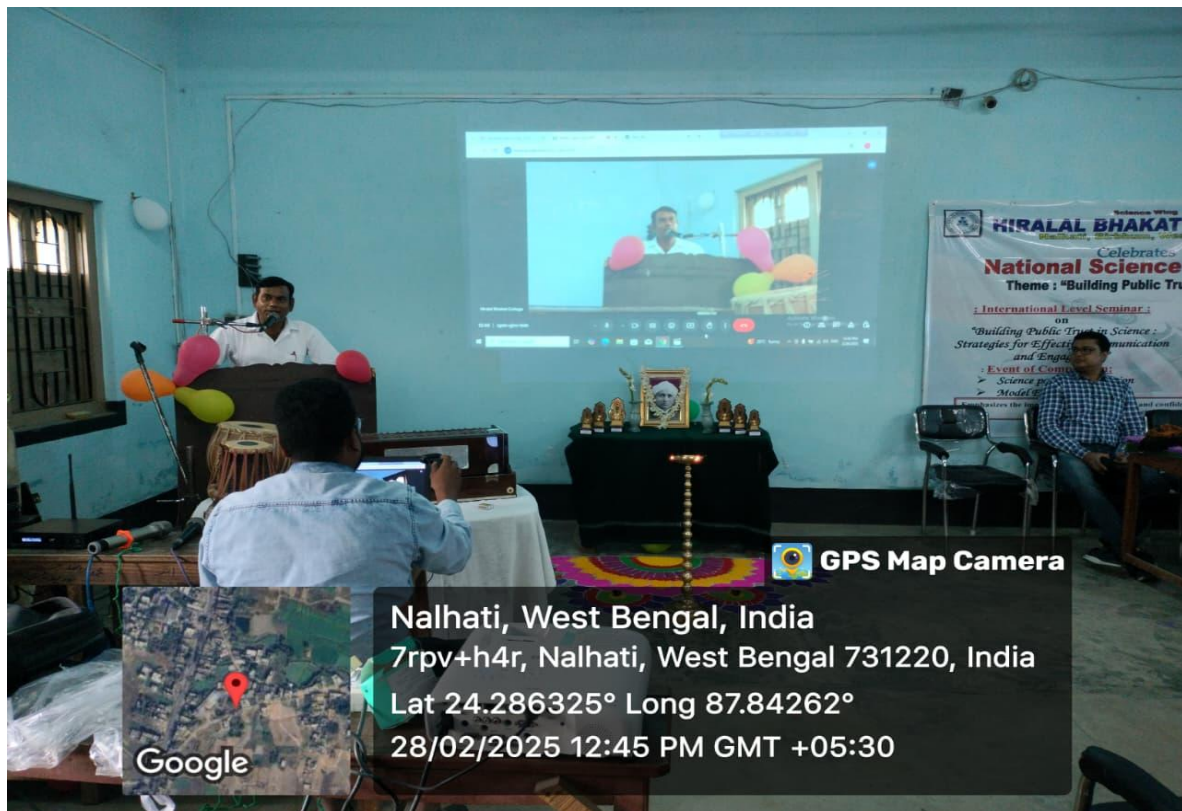


PHOTO GALLERY







Nalhati, West Bengal, India
7rpv+h4r, Nalhati, West Bengal 731220, India
Lat 24.286325° Long 87.84262°
28/02/2025 12:45 PM GMT +05:30



Nalhati, West Bengal, India
7rpv+h4r, Nalhati, West Bengal 731220, India
Lat 24.286348° Long 87.842638°
28/02/2025 02:51 PM GMT +05:30











Nalhati, West Bengal, India
 7rpv+h4r, Nalhati, West Bengal 731220, India
 Lat 24.286328° Long 87.842624°
 28/02/2025 03:02 PM GMT +05:30



28/02/2025 03:02 PM GMT +05:30
 Lat 24.286328° Long 87.842624°
 Nalhati, West Bengal, India
 Nalhati, West Bengal, India

Suddhasattwa Banerjee

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 Coordinator, IQAC
 Hiralal Bhakat College
 Nalhati, Birbhum

Banshidhar Sahoo

(Dr. Banshidhar Sahoo)
 Convenor
 Hiralal Bhakat College
 Nalhati, Birbhum

Nurul Islam

(Dr. Nurul Islam)
 Patron
 Hiralal Bhakat College
 Nalhati, Birbhum

