



HIRALAL BHAKAT COLLEGE

NALHATI, BIRBHUM, WEST BENGAL, PIN 731220

Estd. 1986

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

Phone: 03465255254 Email: hbcollge@gmail.com Website: www.hbcnht.in

Date: 14.12.2022

To
The Coordinator
IQAC
Hiralal Bhakat College
Nalhati, Birbhum, WB.

Ref.: Request for collaboration in a one-day state level seminar and Science exhibition

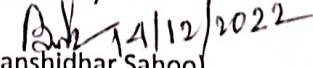
Respected Sir,

This is to inform you that a one-day state level seminar on "Global Science for global wellbeing" is going to be organised by the Science wing (Dept. of Mathematics, Dept. of Physics and Dept. of Computer Science), Hiralal Bhakat College, Nalhati, Birbhum, WB, on 28th February, 2023 at 10 am in Room No 18 in the occasion of National Science Day. Additionally, this is to let you know that the Science wing will host a "Science Exhibition" as an outreach event for students from different Schools and colleges on that day (February 28, 2023) at 1 pm in Room No 19.

You are hereby requested to allow à collaboration with IQAC, Hiralal Bhakat College, Nalhati, Birbhum, WB in this regard for the purpose of advancing academic excellence

Thanking you

Yours sincerely


(Dr. Banshidhar Sahoo)

Science Coordinator
The Science Wing
Hiralal Bhakat College

Place: Nalhati





Hiralal Bhakat College

Nalhati, Birbhum, West Bengal, Pin 731220
Estd. 1986

(Affiliated to the University of Burdwan and Accredited by
NAAC)

E-mail: hbccollege@gmail.com Website: www.hbcnht.in

To

The Head

Department of Mathematics

Hiralal Bhakat College

Nalhati, Birbhum.

Date: 23.12.2022

Subject: Confirmation of collaboration.

Dear Sir,

It is hereby intimated that IQAC, Hiralal Bhakat College, Nalhati, Birbhum does hereby confirm that a collaboration in the One-Day State Level Seminar on "Global Science for global wellbeing" dated 28th February, 2023 at 10 am in Room No 18 in the occasion of National Science Day has been established following your letter dated 14th December, 2022. This is to inform you also that IQAC of Hiralal Bhakat College has given permission to host "Science Exhibition" as an outreach event for students from different Schools and colleges on that day (February 28, 2023) at 1 pm in Room No 19.

Kindly consider it as a formal declaration of collaboration in this regard and oblige.

Thanking you,

Yours Sincerely,

(Dr. Suddhasattwa Banerjee)

Coordinator, IQAC

Hiralal Bhakat College

Nalhati, Birbhum.



Co-Ordinator
IQAC, N.A. & B
Hiralal Bhakat College
Nalhati, Birbhum

HIRALAL BHAKAT COLLEGE

Nalhati, Birbhum, W.B, India



*A Brief Report
on*

NATIONAL SCIENCE DAY CELEBRATION

28th February, 2023



**Organized by
The Science Wing
Hiralal Bhakat College
Nalhati, Birbhum, W.B, India**

In collaboration with
IQAC, Hiralal Bhakat College
Nalhati, Birbhum, W.B, India



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Invitation Card

INVITATION

Celebration of
NATIONAL SCIENCE DAY-2023

February 28, 2023

Venue: Hiralal Bhakat College , Nalhati , Birbhum

Theme : Global Science For Global Wellbeing

Events :

- 1) State Level Seminar
- 2) Short Essay Writing
- 3) Science Model Exhibition
- 4) Science poster Making
- 5) Open Science Quiz

Organised by
Science Wings
Hiralal Bhakat College
Nalhati , Birbhum

You are cordially invited to join with us

DR. SUDDHASATTWA BANERJEE
COORDINATOR
IQAC
HIRALAL BHAKAT COLLEGE
NALHATI, BIRBHUM

DR. BANSHIDHAR SAHOO
COORDINATOR
SCIENCE STREAM
HIRALAL BHAKAT COLLEGE
NALHATI, BIRBHUM

DR. NURUL ISLAM
PRINCIPAL
HIRALAL BHAKAT COLLEGE
NALHATI, BIRBHUM

Tribute To Sir C.V. Raman

Watch it Live On
YouTube

Greetings ISLANDI

Email-nsdhbc2023@gmail.com , Mob-9564231212

Poster-1



**TRIBUTES TO NOBEL
LAUREATE, BHARAT RATNA
DR. C.V. RAMAN**



NATIONAL SCIENCE DAY

28TH FEBRUARY, 2023

VENUE: HIRALAL BHAKAT COLLEGE, NALHATI, BIRBHUM

**EVENTS: • STATE LEVEL SEMINAR • SHORT ESSAY WRITING • SCIENCE
MODEL AND POSTER MAKING • SCIENCE EXHIBITION • SCIENCE QUIZ**

All are cordially invited to join with us.

**ORGANISED BY -
SCIENCE WINGS HIRALAL BHAKAT COLLEGE.
NALHATI, BIRBHUM.**

Poster-2



Science Wing
Hiralal Bhakat College

Nalhati, Birbhum, West Bengal



Celebrating

National Science Day 2023

Theme : Global Science For Global Wellbeing

: State Level Seminar :

Topics :

- ❖ Sir C.V. Raman & Raman Effect
- ❖ Awareness of Use & Misuse of Science and Technology.

: Venue :

**Hiralal Bhakat College
Nalhati, Birbhum**

**On Tuesday,
February 28, 2023
Time : 10 A.M**

: Events of Competition :

- ❖ Short Essay Writing
- ❖ Science Model Preparation
- ❖ Science Poster Making
- ❖ Science Exhibition

Popularizing Science and Technology among youth for Nation

Introduction

To honour the remembrance of Sir Chandrasekhar Venkata Raman (Sir C.V. Raman), a well-known scientist from India, "National Science Day" has been observed on February 28 since 1987. While working in the laboratory of the Indian Association for the Cultivation of Science, Kolkata, he found a phenomenon of photon scattering on this day in 1928; the phenomenon would eventually come to be known as the "Raman Effect" in his honour. After two years, in 1930, he was awarded the prestigious Nobel Prize for this outstanding discovery; this was India's first-ever Nobel Prize in the area of Science. To honour the finding of his well-known invention, the "Raman Effect," National Science Day is observed in India on February 28 each year. The theme for National Science Day 2023 is "Global Science for Global Wellbeing," which highlights the need to increase public understanding of scientific problems in a global context that affect global well-being. The Science Wing of Hiralal Bhakat College, Nalhati, Birbhum, India organised a Science Fair and a State Level Seminar on February 28, 2023, at Hiralal Bhakat College in collaboration with IQAC.

✚ The main objectives of this Program are that the student will be able:

1. To effectively communicate the importance of scientific applications to people's everyday lives,
2. To display all activities, endeavors, and accomplishments made in the area of science for the welfare of humans,
3. To inspire individuals and spread awareness of science and technology.
4. To address all concerns and apply new technologies for the advancement of science,
5. To provide a chance for the nation's scientifically inclined people,

✚ The benefits of this event are that the student will be able:

1. To develop their capacity for thought and investigate numerous approaches to problem-solving by looking at it from different angles.
2. To comprehend the significance of Science and Technology in the engineering school curriculum,
3. To investigate a problem's underlying causes and test out a variety of creative solutions.

❖ Details of the Program

On February 28, 2023, the Science Wing of Hiralal Bhakat College celebrated National Science Day in our institution. For both high school and college students, we have held a number of events, including contests for short essays, science model presentations, quizzes, and science project exhibitions.

A state-level seminar was organized, and two resource speakers from various universities gave talks on scientific subjects. Approximately 250 students, representing a variety of schools and colleges in the Birbhum district, actively and enthusiastically participated in the events. On February 28, 2023, Sir C.V. Raman was honored, and Science Day festivities began with the lamp-lighting ceremony at the opening session. Dr. Nurul Islam, the principal of our college, presided over the meeting and gave a short introduction regarding the significance of National Science Day on February 28 and the theme "Global Science for Global Wellbeing."

Dr. Banshidhar Sahoo, an assistant professor of mathematics at Hiralal Bhakat College and the convener of the National Science Day celebrations, presented the entire programme and revealed the schedule of the events. A state-level lecture on C.V. Raman and the Raman Effect was delivered by two specialists. The lecture began immediately following the programme's opening session. The Science Exhibition hall was opened for the poster and science model displays following the seminar presentations. After lunch, our institution presented souvenirs and certificates to the students who won prizes for their scientific zeal at the National Children Science Congress in India.

Essay writing competition was conducted for both high school and college students. Nearly 30 students participated in the essay writing competition.

Following lunch, Science exhibition was displayed for all. Nearly 60 projects were exhibited by school and college students. As part of exhibition the participants came from schools and colleges in Birbhum District. In working models and projects, students from our college's different science departments also took part.

Open Science Quiz was conducted for students from schools and colleges participated with great zeal and enthusiasm.

The distinguished Guests and Principal presented mementos and certificates to the winners of all contests.

The valedictory event marked the conclusion of the science day on this particular day in the afternoon. The guest speakers, students, instructors, and other participants were especially thanked by Dr. Suddhasattwa Banerjee, the coordinator of IQAC at Hiralal Bhakat College.

The enthusiastic participation of the planning committee members, the collaborative efforts of the constantly encouraging employees, and the hardworking students of this college are all responsible for the enormous success of these science day celebrations. Local celebrities, headmasters and headmistresses of schools, college Principal, scientific professors, parents, and members of the media were thanked for their support.

❖ Details of the Seminar

On the occasion of National Science Day, the Science Wing of Hiralal Bhakat College organized a State Level Seminar on 28th February, 2023. 200 people from various institutions and schools took part in the event. The seminar's coordinator, Dr. Banshidhar Sahoo, an assistant professor of mathematics at Hiralal Bhakat College, opened by addressing the invited speakers. The relevance of National Science Day was mentioned to introduce the seminar. The first distinguished speaker, Dr. Sonjoy Mondal, Assistant Professor of Physics at Sidho-Kanho-Birsha University in Purulia, India, gave a presentation on "Sir C.V. Raman and the Raman Effect." He gave brief presentations on the Raman Effect and its uses. He also taught pupils new ways of thinking about scientific discovery.

Dr. Nurul Alam, an assistant professor of physics at Shyampur Siddhyeswari Mahavidyalaya in Howrah, India, was the other invited speaker. He gave a talk on "Use and Misuses of Science and Technology." He provided useful tips for using scientific equipment. In the current era of the technological revolution, he also discussed the significance of technology. His talk enlightens all of the students.

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. More than 100 students from various institutions and schools took part in those competitions.

Both high school and college students participated in an essay writing challenge. In the essay writing contest, almost 30 pupils took part. The Topics for essay writing were:

- (i) Impacts of Modern Science on Medical science.
- (ii) Effects of 5G network on environment as well as human life.
- (iii) Role of Indian Scientists in Global Science.
- (iv) Blessings of Science in Education under Covid-19 situation.
- (v) Make Superstition free social life following scientific logic.

Three subject specialists judged the writings that had been gathered. At the conclusion of the show, the winners' names were announced. The winners received a souvenir and certificates. The winners of the essay writing event were :

- 1st Place: Probhashree Konai (Nalhati High School for Girl's)
- 2nd Place: Samapika Majumdar (Dharampur High School)
- 3rd Place: Shreya Mondal (Nalhati High School for Girl's)

The Science Model and Poster Making Presentation was launched at 1 PM, and about 40 students took part in the activities. The Topics of the events were:

- (i) Impacts of Mobile Addiction in Student's Life.
- (ii) Life with Covid Protocol.
- (iii) Blessings of Modern Science in Mixed-Farming.
- (iv) Future of Green-Technology in India.
- (v) Impacts of Mathematics in Daily life.
- (vi) Role of Science in Water Conservation.

The models and posters were judged by four experts. The winners of the Poster making presentation were:

- 1st Place: Debarati Dutta (Nalhati High School for Girl's)
- 2nd Place: Garbita Das (Nalhati High School for Girl's)
- 3rd Place: Rohid Hossain (Nalhati Hariprasad High School)

The winners for Science Model preparation were:

- 1st Place: Narayani Kundu (Nalhati High School for Girl's)
- 2nd Place: Shreyasi Hembram (Nalhati High School for Girl's)
Meherunnisha (Nalhati High School for Girl's)
- 3rd Place: Rachina Mukherjee (Nalhati High School for Girl's)

The organiser praised the winners and presented them with certificates and mementos.

The Working Model Science Exhibition was made public at 1:30 PM. In front of the judge, the students presented their scientific models and concepts. The winners of Science Exhibition were:

- 1st Place: Sudeshna Biswas (Nalhati High School for Girl's)
- 2nd Place: Ayush Saha (Nalhati Hariprasad High School)
- 3rd Place: Susthit Ghosh (Nalhati Vivekananda Vidyapith)

The coordinator thanked the participants. The winners received certificates and keepsakes.

❖ Particulars of The Souvenir Program

Students who won Project Presentation competitions at the national and internal levels were invited by the organizer and the college authority. By showcasing participants' successful projects, this programme aimed to motivate other participants.

The organizer invited Tora Das and Ananya Pramanik, students of Margram 1+2 Primary School, who participated in 30th National Children Science Congress Meet 2022. The Science Meet honoured Tora Das as a Young Bubby Child Scientist for their project, "Evaluation of Pond Health Condition in Our Locality, Margram." The project's guide teacher was Ayesa Sultana, an assistant teacher at Margram 1+2 Primary School in Margram, Birbhum, India. As a result of their exceptional achievement, the organiser thanked the pupils and presented them with certificates and souvenir.

We invited Afsana Khatun and Sania Jahangir, students of Kaitha High School, Birbhum, those were participated in 30th National Children Science Congress Meet 2022 with their project: Calotropis Procera Latex as a potential Larvicide for Culex sp, Chironomus sp and Clogmia sp. The organizer congratulated them and the mementos and Certificate were given to those students for their outstanding performance.

We welcomed Anannya Bhuimali and Nasira Begum, students of kaitha high school. They took part in the 29th National Children Science Congress Meet 2021 with their project, "Making of Biodegradable Eco-Friendly Products by Using Corn Husk Leaves to Add a New Dimension to the Cottage Industry." Following a thank-you from the event coordinator, the students received certificates and souvenirs for their outstanding performance.

We invited Aniruddha Das, student of Kaitha High School, Birbhum, who participated in 27th National Children Science Congress, 2019 and International Science and Engineering Fair (ISEF) with his Project: Experimentation on Larvicidal Activities of Acacia Auriculiformis dry fruit extracts on different life cycle stages of Anopheles Culex, Chironomous and Clogmia for showing its potential ability as a Larvicide. The organiser complimented him, and for his great performance, he received certificates and souvenir.

❖ Details of the Registration of Participation

The list of registration of the participation in National Science Day Celebration is given below:

Type of Participants	Number
Students for competitions	70
External School Teachers	21
Internal College Teachers	15
Other Participations	85
Total	191

❖ Budget of the Program

We provided each participant with a cover file, writing pad, and pen at the time of registration. Everyone who participated had lunch. The cost of room decoration, flex printing, and other expenses were incurred. The recourse persons received honorarium in the purpose of T.A. The cost of the winners' certificates and mementos was incurred. The overall cost for completing the programme was close to Rs. 40,250. (Forty thousand two hundred fifty).

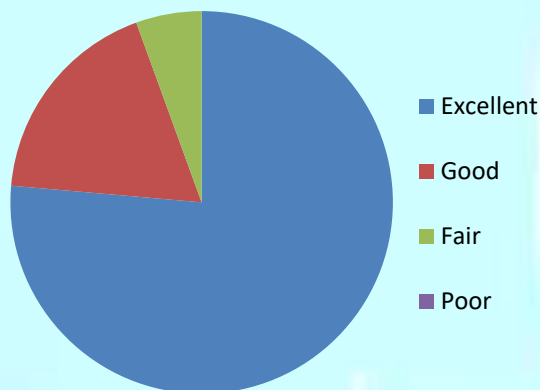
Total Budget: Rs. 40,250/- (Forty Thousand Two Hundred Fifty Only)

Analysis of Post-Event Feedback

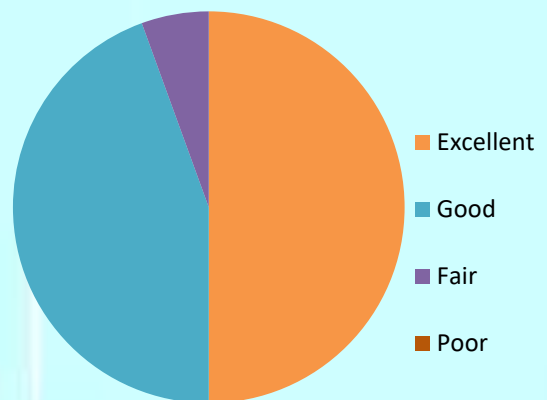
Total 120 numbers of students, Teachers and guardian's gave the Post-Event feedback and handed over to the organizer. On the basis of their evaluation, we have presented below the scenarios of Feedback in two Categories.

Evaluation of Student's Feedback

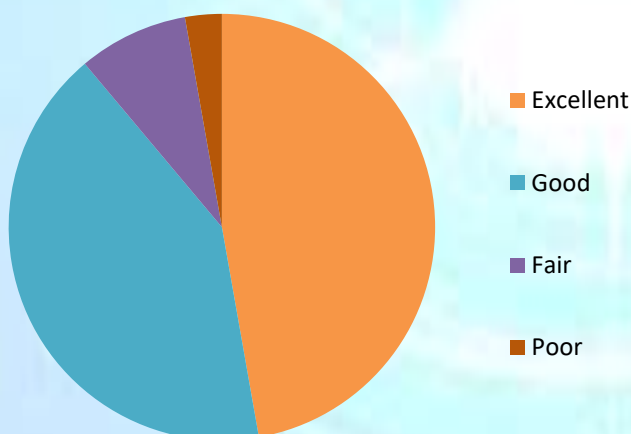
Aim of the Program



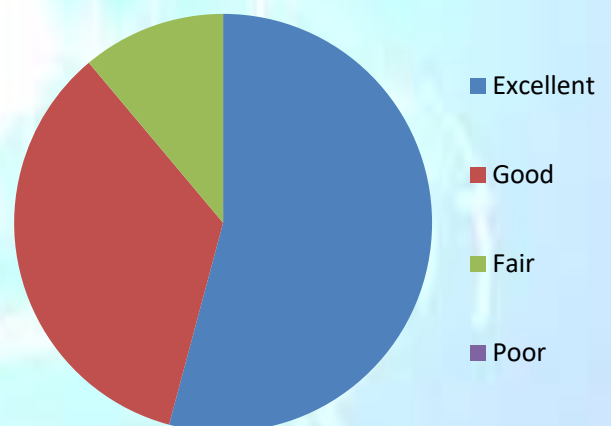
Organisation of this Program



Materials and presentations of the seminar

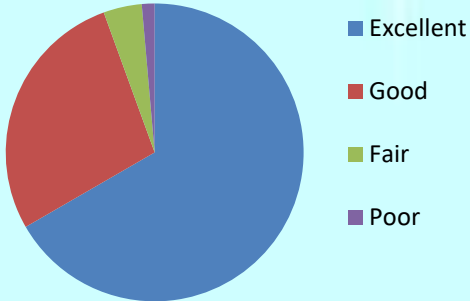


Role of the Organisers of this Program

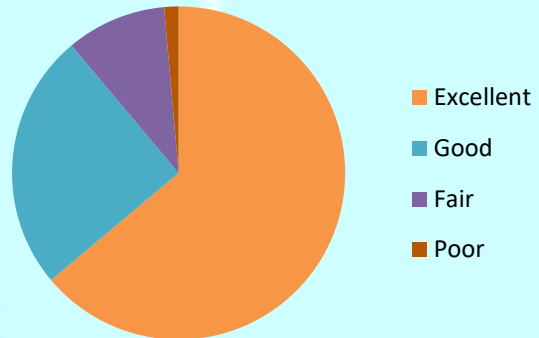


Evaluation of Student's Feedback

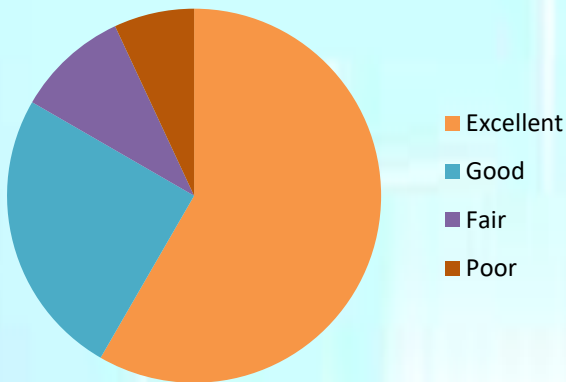
Topic Of Madel,Poster and eassay writing



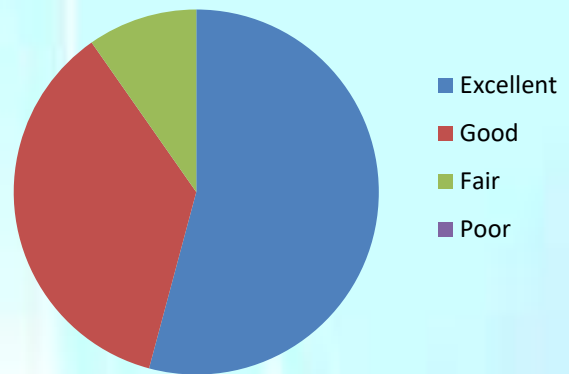
Presentation of Science Exhibition



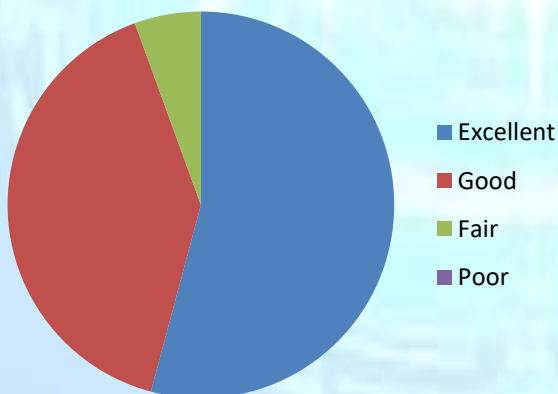
Students participation



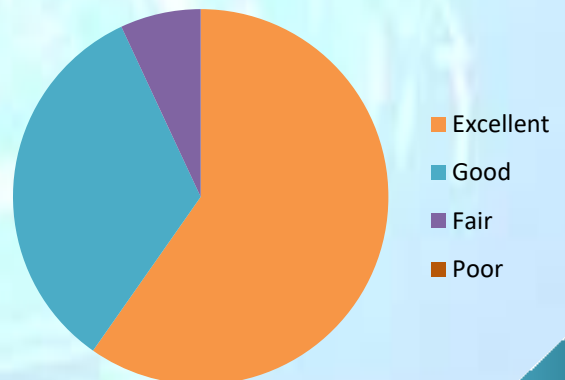
Prsentation of total program



Overall experiance

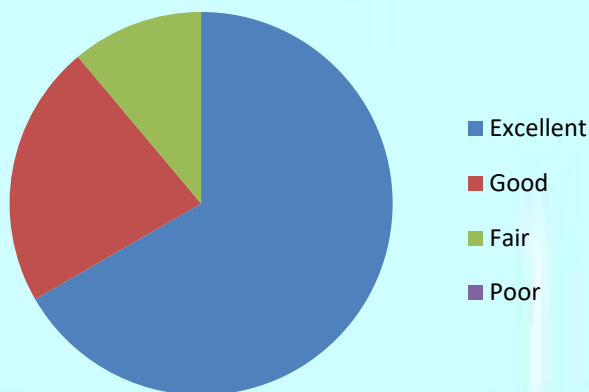


Impact of this program

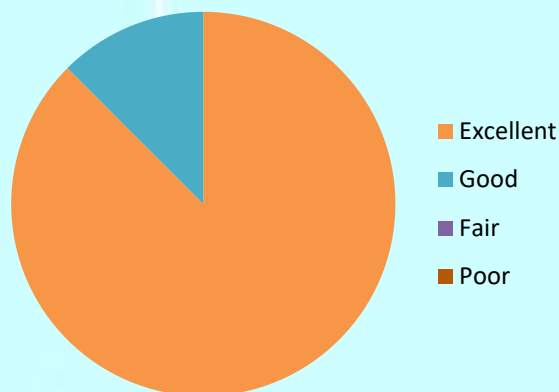


Evaluation of Teacher's and Guardian's Feedback

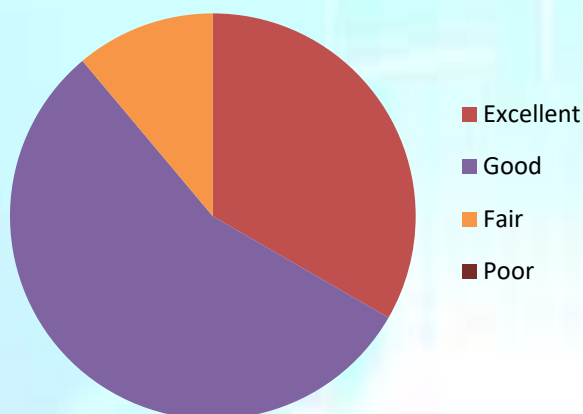
Role of the Organisers of this Program



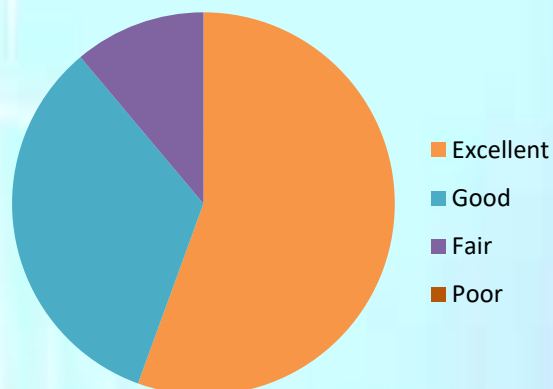
Aim of the Program



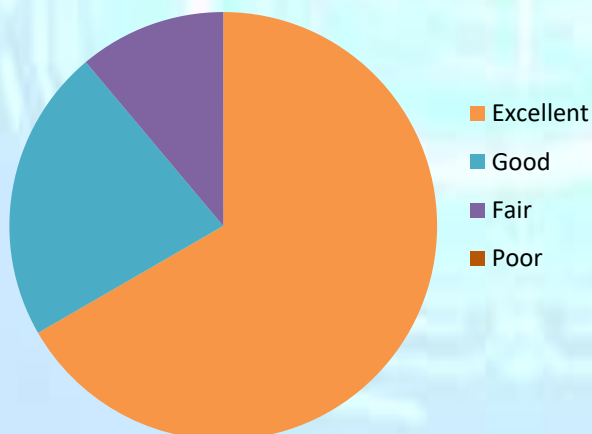
Materials and presentations of the seminar



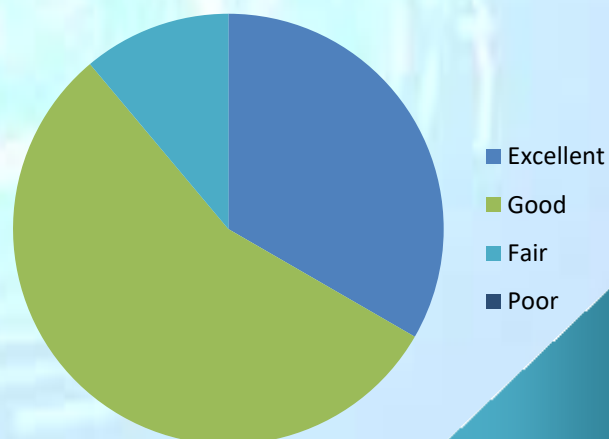
Organisation of this Program



Topic Of Madel,Poster and eassay writing

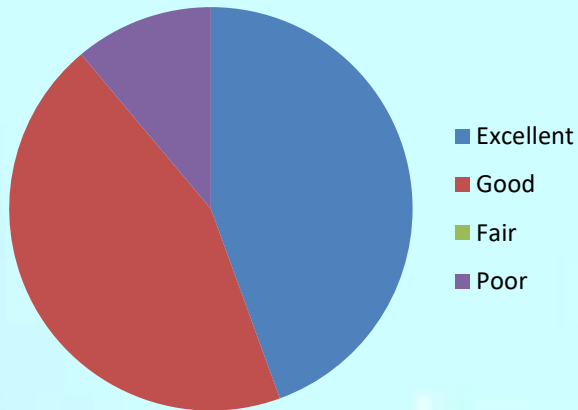


Materials and presentations of the seminar

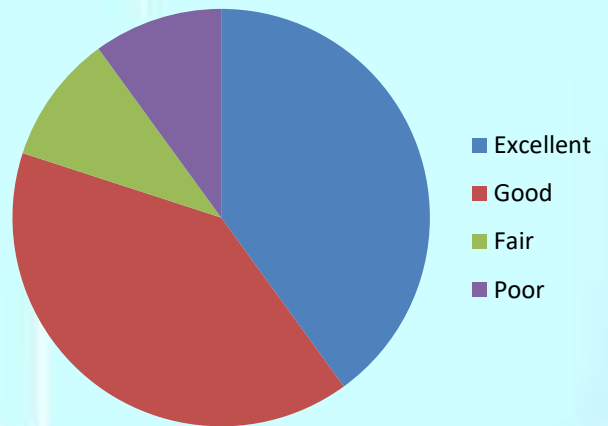


Evaluation of Teacher's and Guardian's Feedback

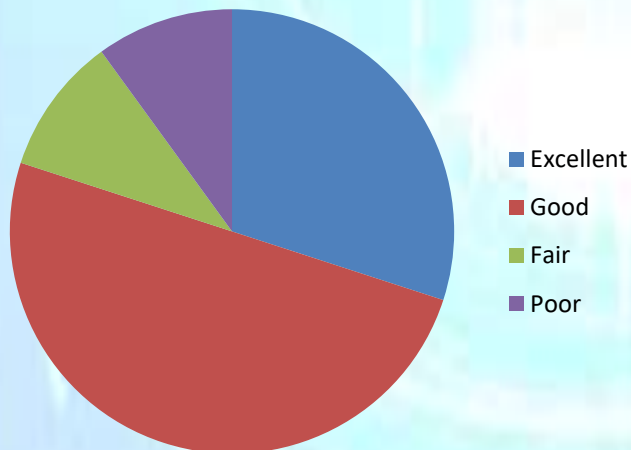
Presentation of Science Exhibition



Students participation



Prsentation of total program



Overall experience

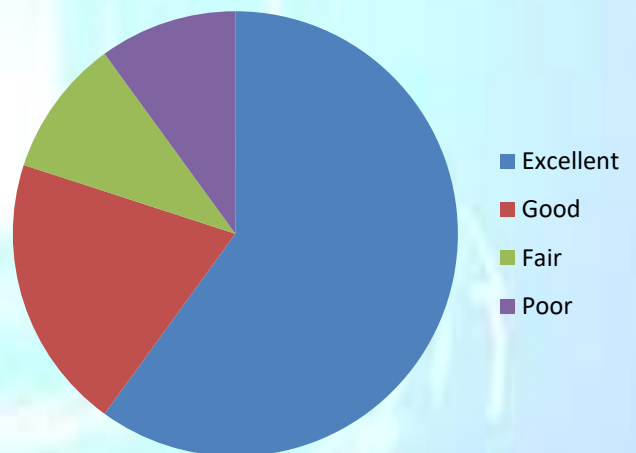


PHOTO GALLERY

InnagruaL Session







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❖ Seminar Presentation



❖ Science Exhibition

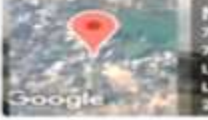








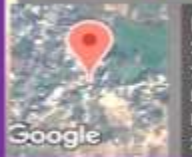
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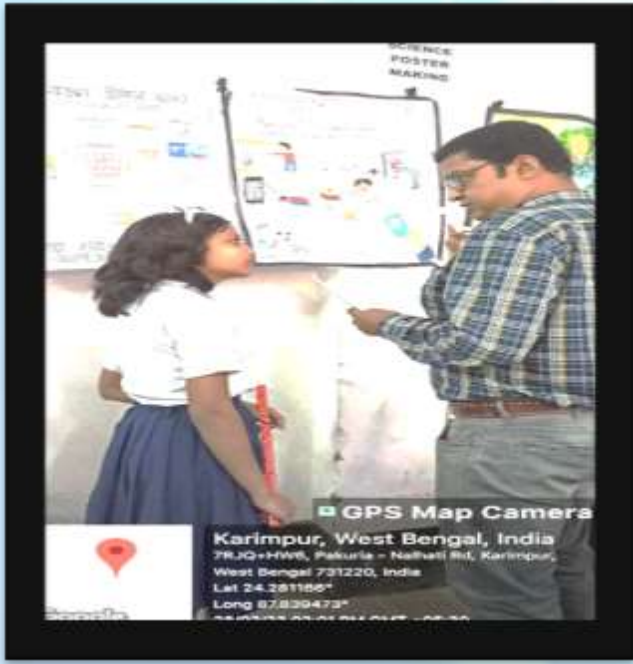
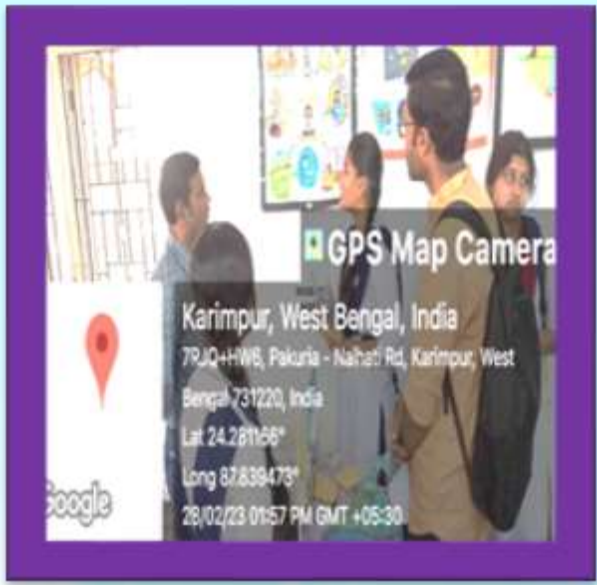
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❖ Judgment of Science Exhibition





❖ Essay Writing Presentation



❖ Issuance of Memento





❖ Cultural Program



❖ Certificate and Prize Distribution to the Winners





Vote of Thanks



Suddhasattwa Banerjee

(Dr. Suddhasattwa Banerjee)
 Coordinator, IQAC
 Hiralal Bhakat College
 Nalhati, Birbhum

Co-Ordinator
 IQAC, NAAC
 Hiralal Bhakat College
 Nalhati, Birbhum

Banshidhar Sahoo

(Dr. Banshidhar Sahoo)
 Coordinator, the Science Wing
 Hiralal Bhakat College
 Nalhati, Birbhum



Nurul Islam

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

Principal
 Hiralal Bhakat College
 Nalhati, Birbhum