

Report on Science Fest Celebrating National Science Day 2024

Theme:- "Indigenous Technology for Viksit Bharat."
Hosted by the Departments of Geography, Chemistry, and Physics

Krishnagar Women's College

Date:- 12th March 2024, from 11:00 am to 3:30 pm,
Venue:- Bina Das Memorial Hall, Krishnagar Women's College.

■ **Introduction:**

The Science Fest to celebrate National Science Day 2024 was organized by the Science Departments of Krishnagar Women's College, with a focal theme of "Indigenous Technology for Viksit Bharat." The event aimed to foster scientific curiosity, innovation, and exploration of indigenous technologies contributing to the development of India. Various activities, including scientific demonstrations, presentations, poster competitions, essay writing, movie shows, quiz competitions, and a special lecture, were organized to engage students and participants.



Flyer of the event

■ **Organizers:**

The Science Fest was organized by the Science Departments of Krishnagar Women's College in collaboration with the Departments of Geography, Chemistry, and Physics. Dr. Natasa Dasgupta, the Principal of Krishnagar Women's College, played a pivotal role in coordinating and overseeing the event.

■ **Date, Time, and Venue:**

The Science Fest was held on 12th March 2024, from 11:00 am to 3:30 pm, at Bina Das Memorial Hall, Krishnagar Women's College.

■ **Participants:**

A total of 102 participants from various colleges and schools actively participated in the Science Fest. The list of participating colleges and schools included:

- Krishnagar Women's College
- Dwijendralal College

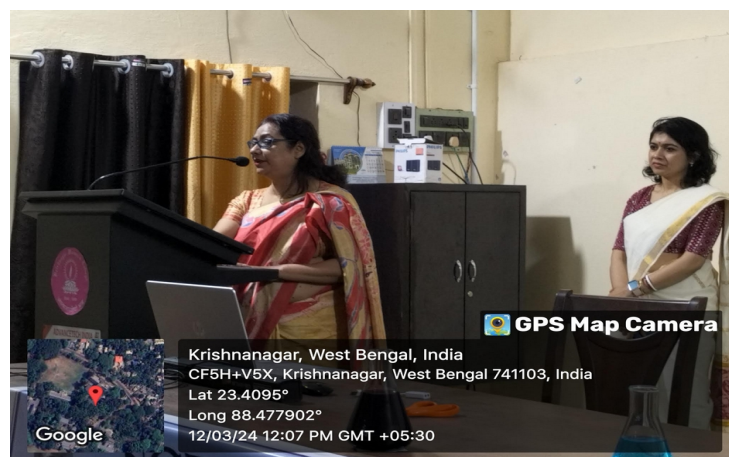
- Krishnagar Govt. Girls' High School
- Mrinalini Girls' High School
- Lady Carmichael Girls' High School
- Krishnagar High School
- Kabi Bijaylal H.S. Institute
- Jahangirpur Surya Sen High School (H.S.)



■ **Programme Overview:**

a) 11:00 am to 11:15 am: Registration

The essay competition on "Indigenous Technology for Viksit Bharat" commenced with registration from 11:00 am to 11:15 am. Participants availed both online and offline registration options. Offline registration desks were set up while online registration was facilitated through a Google Form at <https://forms.gle/KAk9jbYRp61TLxBR7> . This dual registration system ensured accessibility and convenience for participants, facilitating a smooth start to the event.



Inaugural Speech by Dr Natasa Dasgupta, Principal, KWC

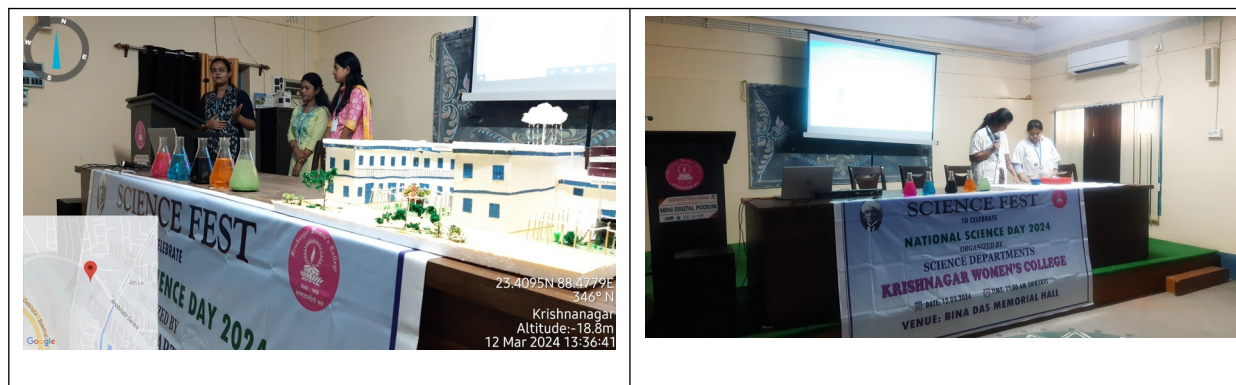
- b) 11:15 am to 11:30 am: Inauguration Ceremony & Welcome Address
 Dr. Natasa Dasgupta, Principal of Krishnagar Women’s College, delivered the welcome address, officially inaugurating the event. With her inspiring words, she set the tone for the Science Fest 2024, emphasizing the importance of scientific inquiry and innovation in shaping a brighter future. The ceremony marked the beginning of an enriching and insightful journey, fostering a spirit of curiosity and exploration among the participants.
- c) 11:30 am to 11:45 am: Special Lecture
 Sri Sajal Biswas, Assistant Professor of Physics at Krishnagar Women’s College, delivered a special talk focusing on Indigenous Technologies for Viksit Bharat. The talk provided insights into the significance and potential of indigenous technologies in shaping a sustainable and innovative future for India, aligning with the theme of National Science Day 2024.



Special Lecture by Sri Sajal Biswas, Asst. Prof. And HoD, Dept of Physics, KWC

- d) 11:45 am to 12:45 pm: Presentation & Demonstration
 Students from diverse colleges and schools participated enthusiastically, showcasing indigenous technologies through scientific demonstrations and presentations. The event provided a platform for students to exhibit their understanding and creativity in utilizing indigenous knowledge for practical applications. From innovative solutions to traditional practices, the presentations highlighted the significance of indigenous technologies in addressing contemporary challenges and fostering sustainable development. Notably,

demonstrations of various chemical reactions accompanied by detailed explanations were among the highlights, enriching the audience's understanding of scientific principles. The active participation and engagement of students contributed to the success of the Science Fest 2024, inspiring others with their ingenuity and passion for science.



Presentation & Demonstration by the Students

e) 12:45 pm to 1:15 pm: Essay Competition

An essay competition on "Indigenous Technology for Viksit Bharat" was held, attracting participants from diverse educational backgrounds. Essays were evaluated based on originality, relevance, and coherence. Winners were recognized for their insightful contributions to the discourse on indigenous technology's role in India's development. The competition successfully promoted awareness and engagement with the theme, fostering critical thinking and dialogue among participants.



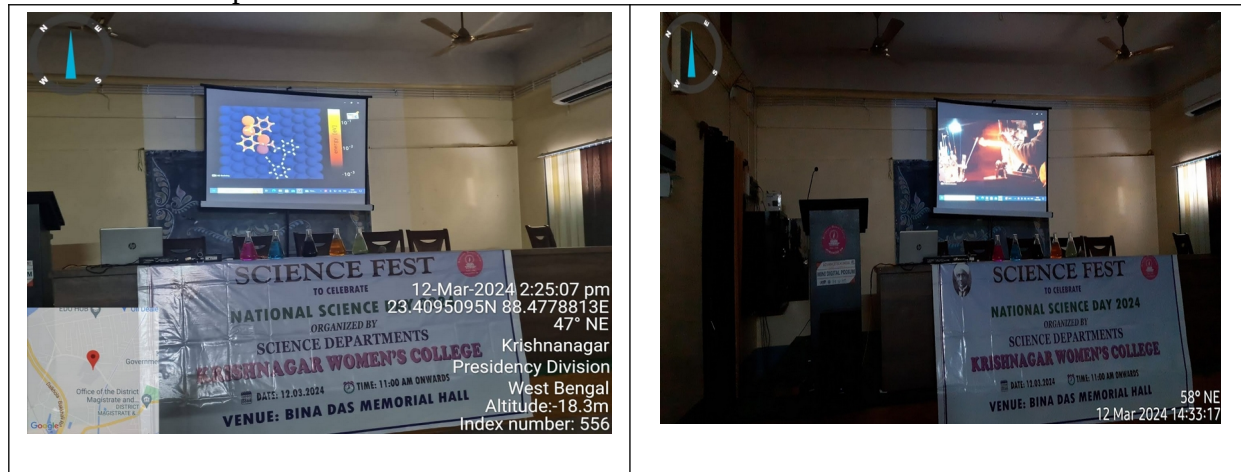
A view of essay competition

f) 1:15 pm to 1:30 pm: Tiffin Break

Following the engaging presentations and demonstrations, participants enjoyed a brief tiffin break. This provided an opportunity for networking, informal discussions, and rejuvenation before resuming the activities of the Science Fest 2024. The break served as a moment of relaxation and camaraderie, fostering a sense of community among participants as they exchanged ideas and experiences over light refreshments.

g) 1:30 pm to 2:00 pm: Movie Show

As part of the Science Fest 2024, participants were treated to a captivating scientific movie related to indigenous technology. The screening featured themes such as nanotechnology, magnets, and their applications, providing valuable insights into cutting-edge scientific advancements. The movie offered a visual journey into the realm of indigenous technology, showcasing its relevance and potential impact on various fields. Participants had the opportunity to broaden their knowledge and understanding of these innovative concepts while being entertained by the engaging storyline. The movie show served as an educational and entertaining component of the Science Fest, enriching the overall experience for all attendees.



Scientific Movie Show

h) 2:00 pm to 3:00 pm: Quiz Competition

An interactive quiz competition engaged students from neighboring schools and colleges. The Quiz Contest was meticulously organized by Sajal Biswas, Assistant Professor of the Department of Physics, with assistance from all teachers of the Science Departments. The Quiz Contest witnessed active participation from nearby schools and colleges. Twelve teams, each with three participants, competed in the initial round, and six teams advanced to the final round.



Quiz Competition

Results of the Final Round: First Place: Krishnagar High School Team 1, Second Place: Krishnagar High School Team 2, Third Place: Dwijendralal College, Krishnagar

Quiz Categories and Questions:The questions covered Chemistry, Earth Science, Physical Sciences, Guess the Personality, and Guess the Movie Name categories. Each category tested participants' knowledge across various scientific disciplines.

The Science Fest 2024 Quiz Contest fostered a spirit of scientific inquiry and knowledge sharing among students. With enthusiastic participation and challenging questions, the event successfully promoted interest and engagement in science-related subjects among the youth, aligning with the objectives of the Science Fest.

i) 3:00 pm to 3:30 pm: Certificate Distribution and Valedictory Session

In a culminating moment, certificates were distributed to all participants, acknowledging their valuable contributions to the Science Fest 2024. The event concluded with a valedictory session, where participants were commended for their enthusiasm, dedication, and innovative presentations throughout the fest. The valedictory session served as an opportunity to reflect on the achievements of the event and express gratitude to all involved in its success. With a sense of accomplishment and camaraderie, participants departed, carrying with them newfound knowledge and inspiration from the Science Fest.



Certificate Distribution and Valedictory Session

■ **Learning Outcomes:**

The Science Fest Celebrating National Science Day 2024 facilitated several key learning outcomes:

- a) Enhanced Understanding: Participants gained a deeper understanding of indigenous technologies and their significance in shaping a sustainable future for India.
- b) Practical Application: Through scientific demonstrations and presentations, students applied theoretical knowledge to real-world scenarios, showcasing the practical relevance of indigenous technologies.
- c) Critical Thinking: Engaging in activities like the essay competition and quiz contest encouraged participants to think critically about the role of indigenous technology in Viksit Bharat.
- d) Collaboration and Networking: The event provided a platform for students from diverse educational backgrounds to collaborate, exchange ideas, and build networks, fostering a sense of community and collaboration.
- e) Inspiration and Motivation: By witnessing innovative solutions and creative applications of indigenous technologies, participants were inspired and motivated to pursue further studies and careers in science and technology.

■ **Acknowledgments:** We extend our sincere gratitude to:

- Dr. Natasa Dasgupta, Principal of Krishnagar Women's College, for her leadership and support in organizing the Science Fest.
- All the Head of the Departments and teachers of the Science Departments for their contributions and assistance in planning and executing the event.
- Sri Sajal Biswas, Assistant Professor of Physics, for delivering an enlightening special lecture on Indigenous Technologies for Viksit Bharat and playing a pivotal role in planning and executing the Quiz Competition.
- The participants from Krishnagar Women's College and neighboring schools and colleges for their enthusiastic participation and valuable contributions.
- The organizing committee and volunteers for their dedication and efforts in making the Science Fest a grand success.
- Together, we have celebrated the spirit of scientific inquiry and innovation, paving the way for a brighter future powered by indigenous technologies.



■ **Conclusion:**

The Science Fest celebrating National Science Day 2024 was a resounding success, providing a platform for students to explore and showcase indigenous technologies. The event fostered scientific inquiry, innovation, and collaboration among participants, contributing to the promotion of science and technology in the region. Through various activities and competitions, the fest encouraged critical thinking and highlighted the importance of asking the right questions to unlock the doors of nature's mysteries.