



**Activity Report**  
**Institution's Innovation Council**  
**Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib**

Institution's Innovation Council, Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib in collaboration with PG Department of Chemistry organised a guest lecture on "How to Think Like a Scientist" on 20<sup>th</sup> February 2026 to celebrate National Science Day, co-ordinated by Dr. Gagandeep Kaur. The resource person of the session was Dr. Manabendra Nath Bera, Assistant Professor at IISER Mohali. The session was focused on inculcating a scientific temperament and understanding the scientific methodology among students. The speaker stressed that a scientific mindset involves accepting nothing without evidence, questioning everything, and continuously evaluating claims. He urged students to adopt rigorous scientific methods, cultivate curiosity, and apply evidence-based reasoning in their research and daily thinking to revive and sustain a vibrant scientific spirit. The Principal Dr. Jasvir Singh appreciated the team for organizing this insightful event that inspires young minds embrace evidence-based thinking. Dr. Mandeep Kaur, Head of Department of Chemistry extended a vote of thanks, expressing gratitude to the speaker for the enlightening session on scientific temperament. The IIC President Dr. Gurpreet Kaur also encouraged students to cultivate a scientific mindset to tackle real-world challenges.

**Objectives:**

To inculcate scientific temperament among students

To encourage critical thinking, curiosity, and evidence-based reasoning

**Benefits:**

Enhanced analytical and logical reasoning abilities

Developed scientific temperament

No. of Student Participants: 50

**link:** Facebook Link before the event:

<https://www.facebook.com/100057400550019/posts/pfbid0MZy3EA5fjjVXpM7XRuidvx2s1qNXP53oA56vFwMRGYzzXm2F4gNDqgwNgN6zUcHI/>

Instagram Link

<https://www.instagram.com/p/DU7y93zkvic/?igsh=MXZiZzVwanZtaHR3Yw==>

**Link:** Facebook Link after the event:

<https://www.facebook.com/share/1AVBRje9qH/>

Instagram Link

[https://www.instagram.com/p/DVAQR4\\_Es4J/?igsh=d2VseDhpdDRhd2Rk](https://www.instagram.com/p/DVAQR4_Es4J/?igsh=d2VseDhpdDRhd2Rk)

The screenshot shows a Zoom meeting interface. On the left, a presentation slide is displayed with the following text: "How a scientist think and find out truth about anything?" and "Using the Method of Science or Scientific Methodology!". Below the text is a cartoon illustration of a scientist in a white lab coat holding a test tube and a beaker. The diagram shows the scientific process: "Material" leads to "Hypothesis", which leads to "Procedure", which leads to "Statement", which leads to "Conclusion".

On the right, a grid of participants is visible. The participants shown are: TANIYA SHARMA, Simran Chaudha..., xertz\_1, Pallavi ran..., Mandeep..., Vijay Laxm..., Manabendra Nath Bera..., 45 others, and gagandeep Kaur. The meeting controls at the bottom include icons for mute, video, chat, and other functions. The time 14:43 and the ID vfk-ygqy-nwo are visible in the bottom left corner.

Think Like a Scientist... x | + Create

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# How to Think like a Scientist?

**Manabendra Nath Bera**

Indian Institute of Science Education & Research (IISER), Mohali  
Breakthrough Science Society (BSS)

SGTB Khalsa College | 20 Feb 2026

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# What science is NOT

- A collection of subjects like physics, chemistry, biology, etc?
- A collection of information?
- What scientists say?



Manabendra Nath is presenting, annotating

g 46 others

Several participants joined the meeting

