



**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, P.O. – WAKNAGHAT,**  
**TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)**  
**PIN – 173234 (INDIA) Phone Number- +91-1792-257999**  
 (Established by H.P. State Legislature vide Act No. 14 of 2002)



# National Science Day Symposium (NSDS) 2026




## 5<sup>th</sup> National Science Day Symposium (NSDS-2026)

**Events :**

- Popular Lecture by Eminent Speaker from IIT Roorkee
- Activities for School Students:
  - >Poster competition on Science (School Class 6-12)
  - >Model competition on Science (School Class 6-12)
  - >Declamation Class (9-12)
- Poster presentations for UG/PG/PhD students

**SIR C.V. RAMAN**  
(Nobel Laureate & Bharat Ratna)

**KEYNOTE SPEAKER**



**Dr. Krishna Mohan Poluri**  
Professor  
Department of Biosciences & Bioengineering & Centre for Nanotechnology, IIT Roorkee

Title of the Talk:

**The Invisible Revolution: Futuristic Approaches of Nano/Bio-Technology**

**Chief Patrons**

Shri Manu Bhaskar Gaur  
CEO, JUIT

Prof.(Dr.) R. K. Sharma  
Vice Chancellor, JUIT

**Convener**

Prof. Tiratha Raj Singh  
Associate Dean (Innovation)

**Program Chairs**

Prof.(Dr.) P. B. Barman  
Head, Physics and Materials Science

Prof.(Dr.) Jata Shankar  
Head, Biotechnology and Bioinformatics

**Coordinators**

Prof. Anil Kant,  
Dr. Ragini Raj Singh







27 FEB 2026

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## 1. Basic Details

1. **Title of the Activity:** National Science Day (NSD) 2026



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2. **Theme:** *Women in Science: Catalyzing Viksit Bharat*
3. **Date:** 27 February 2026
4. **Mode of Conduct:** Offline
5. **Organizing Institute:** Jaypee University of Information Technology (JUIT), Wagnaghat, Solan, Himachal Pradesh
6. **Organizing Departments:**
  - a. Department of Biotechnology & Bioinformatics (BT & BI)
  - b. Department of Physics & Materials Science (PMS)

## 2. Objective of the Activity

The primary objectives of organizing National Science Day 2026 were:

1. To commemorate the discovery of the **Raman Effect** by C. V. Raman
2. To promote scientific temperament and innovation among students
3. To highlight the role of **women in science** in nation-building
4. To align with the national vision of **Viksit Bharat** through science and technology
5. To provide a platform for interdisciplinary learning and knowledge exchange

## 3. About the Event

National Science Day 2026 was celebrated with great enthusiasm at JUIT, Wagnaghat. The event followed the theme proposed by the **Department of Science and Technology (DST), Government of India**, focusing on *Women in Science: Catalyzing Viksit Bharat*.

The celebration marked a return to full offline engagement, fostering direct interaction among students, faculty, and participants from diverse institutions. The event successfully created an ecosystem of innovation, scientific curiosity, and collaboration.

## 4. Organizing Team and Dignitaries

- **Convener:** Prof. Tiratha Raj Singh
- **Coordinators:**
  - Prof. Anil Kant
  - Dr. Ragini Raj Singh
- **Chairpersons:**
  - Prof. P. B. Barman
  - Prof. Jata Shanker
- **Chief Guest / Inauguration:**
  - Prof. R. K. Sharma (Hon'ble Vice-Chancellor, JUIT)
- **Special Dignitaries:**
  - Brig. (Retd.) R. K. Sharma (Registrar & Dean of Students)
  - Prof. Shruti Jain (Dean Academics)



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## 5. Keynote Address

The event featured an insightful keynote lecture by:

- **Dr. Krishna Mohan Poluri** (Professor, IIT Roorkee)  
Topic: *“The Invisible Revolution: Futuristic Approaches of Nano/Bio-Technology”*

The lecture emphasized:

- Emerging trends in nanotechnology and biotechnology
- Their role in sustainable development
- The importance of innovation-driven research for future India

## 6. Major Activities Conducted

### 6.1 Poster and Model Presentation Competitions

1. Participation from school, college, and university students
2. Themes included:
  - Renewable Energy
  - Biotechnology Applications
  - AI in Healthcare
3. Encouraged creativity, innovation, and problem-solving

### 6.2 Declamation Competition

1. Students expressed views on:
  - Climate Change
  - Sustainability
  - Space Exploration
2. Promoted scientific communication and critical thinking

### 6.3 Departmental Showcases

- **Physics & Materials Science (PMS):**  
Focus on nanomaterials and energy research
- **Biotechnology & Bioinformatics (BT & BI):**  
Emphasis on interdisciplinary research and data-driven biosciences

### 6.4 Laboratory Visits

1. Guided by Prof. Hemant Sood
2. Provided exposure to:
  - Advanced instruments
  - Ongoing research projects
  - Experimental techniques



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## 6.5 Student Engagement

1. Active involvement of Ph.D. and B.Tech student volunteers
2. Efficient coordination and management of all activities

## 7. Participation Details

- **Total Students (Outsiders):** 230+
- **Teachers/Faculty (Outsiders):** 30+

### Participating Schools/Colleges/Universities/Institutions Included:

- DAV Sunny Side, Solan
- Gurukul, Solan
- GHS Paplol
- GMBSSS Lalpani, Shimla
- GSSS Dumehar
- DAV Public School, Kandaghat
- Monal Public School, Shimla
- Elite International School
- Genius Global School
- St. Luke's School
- Delhi World Public School (DWPS)
- Chapslee School, Shimla
- DIET Solan
- Bahra University
- Plaksha University
- Ashoka University
- Banasthali Vidyapith
- University of Calcutta

## 8. Evaluation and Judging

Participants were evaluated by expert faculty panels:

- **Poster (Junior):** Prof. Poonam Sharma, Dr. Saurabh Srivastava, Dr. Surajit Hazra
- **Poster (Senior):** Prof. Hemant Sood, Dr. Bhupendra Pathak, Dr. Udayabanu M.
- **Declamation:** Dr. Saurabh Bansal, Dr. Shikha Mittal, Dr. Santu Baidya
- **Model Evaluation:** Dr. Nishant Jain, Dr. Haresh Rawal, Dr. Sriti Thakur
- **Poster (UG/PG/PhD):** Prof. Vineet Sharma, Dr. Jitendra Vashishth, Dr. Ashok Nadda

## 9. Outcomes of the Activity

1. Enhanced awareness of scientific advancements among students
2. Encouraged participation of young minds in innovation and research
3. Promoted interdisciplinary collaboration



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4. Strengthened outreach between JUIT and regional institutions
5. Highlighted the role of women in science and leadership

## 10. Recognition and Awards

- Winners across all categories were awarded:
  - Certificates
  - Prizes
- Recognition encouraged scientific enthusiasm and innovation

## 11. Support and Sponsorship

1. **Financial Support:** Jaypee University of Information Technology (JUIT)
2. **Technical Support:** Centre for Healthcare Technologies and Informatics (CEHTI), JUI

## 12. Conclusion

The National Science Day 2026 celebration at JUIT was a grand success, marked by vibrant participation, intellectual exchange, and innovative thinking. The event effectively fostered scientific curiosity and reinforced the importance of science in national development. The celebration not only honored the legacy of C. V. Raman but also strongly aligned with the national vision of **Viksit Bharat**, emphasizing the transformative role of **women in science**. JUIT continues to uphold its commitment to excellence in science, innovation, and education, setting a benchmark for academic institutions across the region.



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## IIC Activity Metrics

S. No.	Particulars	Details
1	<b>IIC Activity Category</b>	Celebration of National Science Day / Innovation & Awareness Activity
2	<b>Title of Activity</b>	National Science Day (NSD) 2026
3	<b>Theme</b>	Women in Science: Catalyzing Viksit Bharat
4	<b>Date of Conduct</b>	27 February 2026
5	<b>Mode of Activity</b>	Offline
6	<b>Organizing Unit</b>	IIC-JUIT in collaboration with BT & BI and PMS Departments
7	<b>Level of Activity</b>	Institute Level (with Inter-Institutional Participation)
8	<b>Type of Activity</b>	Awareness / Competition / Expert Talk / Outreach
9	<b>Total Number of Participants</b>	260+
10	<b>Number of Students Participated</b>	230+
11	<b>Number of Faculty Participated</b>	30+
12	<b>External Participants</b>	Yes (Schools, Colleges, Universities)
13	<b>Number of External Institutes Involved</b>	15+
14	<b>Expert/Keynote Speakers</b>	1
15	<b>Name of Expert(s)</b>	Dr. Krishna Mohan Poluri (IIT Roorkee)
16	<b>Gender Diversity (Approx.)</b>	~45% Female, ~55% Male
17	<b>No. of Activities Conducted Under Event</b>	5 (Poster, Model, Declamation, Keynote Talk, Lab Visit)
18	<b>Innovation/Start-up Exposure Provided</b>	Yes (via models, AI/biotech themes, lab exposure)
19	<b>Interdisciplinary Involvement</b>	Yes (Physics, Biotechnology, AI, Energy, Environment)
20	<b>Outcome/Impact</b>	Enhanced scientific awareness, innovation mindset, and outreach engagement
21	<b>Funding Support</b>	Internal (JUIT)
22	<b>Technical Support</b>	CEHTI, JUIT
23	<b>Media/Publicity</b>	Institute website, social media platforms
24	<b>Photographs/Documentation</b>	Available (to be attached in report annexure)
25	<b>Activity Coordinator(s)</b>	Prof. Anil Kant, Dr. Ragini Raj Singh
26	<b>Convener</b>	Prof. Tiratha Raj Singh
27	<b>Student Volunteer Involvement</b>	Yes (PhD & B.Tech students)
28	<b>Alignment with National Initiatives</b>	Viksit Bharat, Women in Science, Scientific Temper Promotion



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## 14. Photographic Evidences

**Figure 1: Inauguration Ceremony**



**Caption:** Inauguration of National Science Day 2026 at JUIT by Hon'ble Vice-Chancellor Prof. R. K. Sharma in the presence of dignitaries and faculty members.

**Figure 2: Keynote Address**



**Caption:** Dr. Krishna Mohan Poluri delivering the keynote lecture on “*The Invisible Revolution: Futuristic Approaches of Nano/Bio-Technology*”.

**Figure 3: Poster Presentation (Junior Category)**



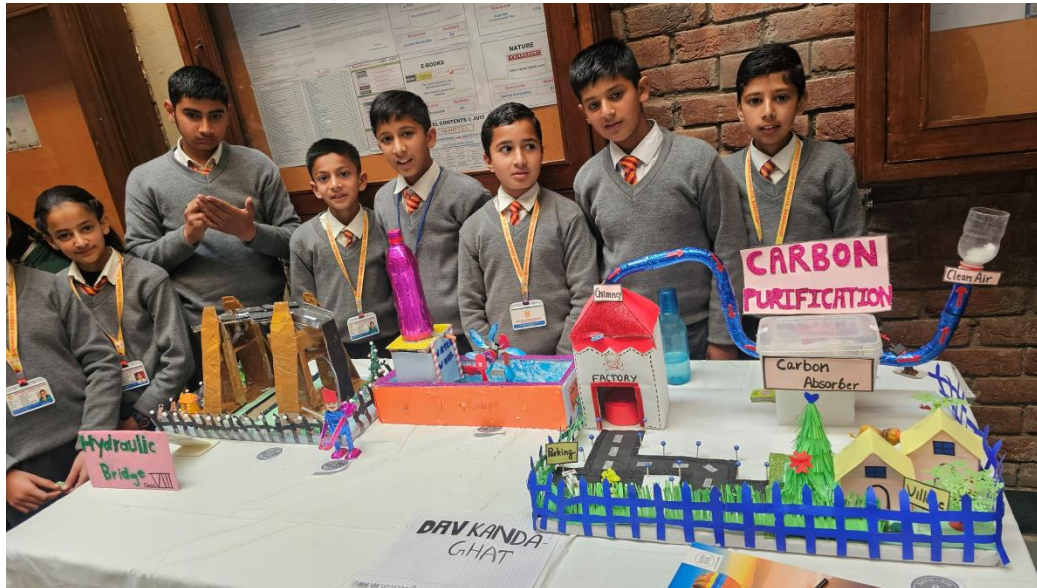
**Caption:** School students presenting innovative posters during the junior category poster competition.

**Figure 4: Poster Presentation (Senior Category)**



**Caption:** Senior school participants showcasing scientific ideas through poster presentations on emerging technologies.

**Figure 5: Model Exhibition**



**Caption:** Participants demonstrating working models on renewable energy, biotechnology, and AI applications.



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**Figure 6: Declamation Competition**



**Caption:** Students presenting their views on scientific and societal challenges during the declamation competition.

**Figure 7: Laboratory Visit**





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**Caption:** Guided laboratory tour conducted for visiting students, providing exposure to advanced research facilities at JUIT.



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**Figure 8: Participant Engagement**





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**Caption:** Active participation of students from various institutions during competitions and interactive sessions.

**Figure 9: Prize Distribution Ceremony**





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**Caption:** Winners being felicitated with certificates and prizes by dignitaries during the valedictory session.

### Figure 10: Group Photograph



**Caption:** Group photograph of organizers, dignitaries, participants, and volunteers marking the successful celebration of National Science Day 2026.