



Call to Enthusiastic Physics Teachers



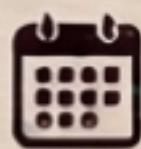
NWCBPT - 2026

NATIONAL WORKSHOP ON
CAPACITY BUILDING OF
PHYSICS TEACHERS

Joy of Physics with the incredible team



Day 1: Inaugural sessions



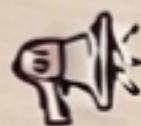
Day 2: Electrodynamics



Day 3: Optics



Day 4: Mechanics



RESOURCE PERSONS

1. **Dr H C Verma** - Padma Shri Awardee, ex-Prof IIT Kanpur. Author Concepts of Physics
2. **Dinesh Kumar Sharma** - National Coordinator, IAPT- National Anveshika Network of India (NANI) and Hands-on demonstrations expert.
3. **Amit Bajpai** - Science demonstration expert, Coordinator SGM Anveshika, Kanpur. (Founder of Vigyan Ke Prayog)
4. **Pragya Nopany** - Experiential learning expert, Coordinator BVN Anveshika, New Delhi. (One of the most influential physics trainers in India)

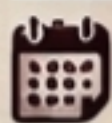


Highlights

- Indepth sessions to explore the beauty of mechanics, electrodynamics and optics.
- Open house sessions with Prof HC Verma
- Night Sky Observation
- Visit to Labs in NIT Hamirpur

Scan the QR code to register

NWCBPT 2026
at NIT Hamirpur



IMPORTANT DATES



25th September (9AM) to 28th
Sept 2026 (noon)



VENUE



Deptt. of Physics and Photonics
Science, NIT Hamirpur, HP

Jointly Organised by: IAPT RC 23, Him-IAPT Anveshika in association with
NIT Hamirpur and National Anveshika Network of India (NANI)

Contact numbers 7018505759, 9418682187



himanveshika@gmail.com



Joy of Physics

NWCBPT-2026



Location: NIT Hamirpur



Dates: 25th to 28th September 2026



Joy of Physics: National Workshop for Capacity Building of Physics Teachers (NW CBPT)

Venue: NIT Hamirpur, Himachal Pradesh

Dates: 25th – 28th September 2026

Organized by: IAPT -RC 23, NANI and Him-IAPT Anveshika in collaboration with NIT Hamirpur

Day 0: 24th September 2026 (Thursday)

Arrival and Inaugural Ceremony

1. Reporting and welcome (5:00 – 5:30 PM)

Reporting of the participants. The organizing team will welcome the participants and facilitate them in check-in, room allotment, and distribution of registration kit.

Inaugural Ceremony (6:30 – 8:00 PM)

Chief Guest: Prof. Hiralal Murlidhar Suryawanshi, Director NIT Hamirpur

Guest of Honor: Prof. H. C. Verma

Inaugural ceremony	
Timing	Particulars
6:31 – 6:35 PM	Welcome Address by Dr Ram Murti Sharma, Treasurer IAPT RC 23.
6:36 – 6:40 PM	Lamp illumination ceremony.
6:41 – 6:45 PM	Felicitation ceremony.
6:46 – 6:52 PM	Workshop overview by Sh. Dinesh Kumar, NANI Coordinator to outline the thematic structure of the four days NWCBPT.
6:53 – 6:58	Introduction about the Department by Dr. Subhash Chand, Head DoPPS
6:59 – 7:05 PM	Address by Dr. Archana Santosh Nanoty, Registrar NITH
7:06 – 7:20 PM	Address by Prof H C Verma.
7:21 – 7:35 PM	Brief introduction of the participants.
7:36 – 7:46 PM	Address by the Chief Guest, Prof. H. M. Suryawanshi
7:47 – 7:52 PM	Vote of Thanks by Dr Kuldeep Kumar Sharma (President, IAPT RC 23).
7:53 – 8:00 PM	Group photograph of the delegates and the dignitaries

2. Dinner (8:30 – 9:15 PM)

3. Pre-Test in Electrodynamics (9:20 – 10:00 PM)

A short-answer-based pre test to be conducted in electromagnetism.

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NWCBPT-2026



Location: NIT Hamirpur



Dates: 25th to 28th September 2026



Day 1: 25th September 2026 (Friday)

Timing	Particulars
8:00 – 8:45 AM	Breakfast
9:01 – 09:09 AM	Insights into the schedule of NW CBPT 2026.
9:10 – 10:40 AM	Discussion on the Electromagnetism pre-test by Prof H C Verma.
10:41 – 11:35 AM	Demonstration session in electromagnetism. Coordinator: Sh. Amit Bajpai ji.
11:36 – 11:50 Noon	Tea break
11:50 – 1:15 PM	Is a simple electric circuit so simple? by Prof H C Verma
1:15 – 2:00 PM	Lunch
2:00–3:45 PM	Open house with Prof H C Verma
3:46 – 4:45 PM	Science show by Sh. Amit Bajpai ji
4:46 – 5:00 PM	High Tea
5:00 – 5:45 PM	Pre-test in optics
5:46 - 6:30 PM	About National Anveshika Network of India by Dinesh Kumar Sharma
8:00 – 8:45 PM	Dinner
8:45 onwards	Cultural evening (An interactive cultural program featured spontaneous performances by participants, including songs, poetry, and regional storytelling, to strengthen community bonding.)

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NWCBPT-2026



Location: NIT Hamirpur



Dates: 25th to 28th September 2026



Day 2: 26th September 2026 (Saturday)

Timing	Particulars
8:00 – 8:45 AM	Breakfast
9:00 -9:15 AM	Reporting of the previous day's sessions by Group 1 and 2
9:16 to 10:45 AM	Discussion on the optics pre-test by Prof H C Verma
10:46 – 11:45 AM	Demonstration session on optics by Sh. Amit Bajpai ji
11:46 – 12:00 Noon	Tea break
12:01 – 1:30 PM	Insights into optics experiments for school teachers – Prof H C Verma
1:31 – 2:15 PM	Lunch
2:16 – 3:45 PM	Optics: What do you think you know? A discussion and demonstration session by Smt. Pragya Nopany ji.
3:46 – 4:30 PM	Pre test in Mechanics
4:31 – 4:45 PM	High Tea
4:46 – 5:30 PM	About NAEST and discussion on the given NAEST prelims experiment.
5:31– 6:30 PM	Nobel prize winning science for healthy life by Dr Ram Murti Sharma.
8:00 – 8:45 PM	Dinner
8:45 – 10:15 PM	Hands on session on NAEST prelims experiments

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NWCBPT-2026



Location: NIT Hamirpur



Dates: 25th to 28th September 2026



Day 3: 27th September 2026 (Sunday)

Timing	Particulars
8:00 – 8:45 AM	Breakfast
9:00 – 09:20 AM	Reporting of the previous day's sessions by Group 3 and 4.
9:20 to 10:50 AM	Mechanics: What do you do with what you know? – by Smt. Pragya Nopany ji.
10:51 – 11:40 AM	Design you own activity kit – A low-cost kit development session. Coordinator: Sh. Satish Dhiman ji.
11:41 – 11:55 AM	Tea Break
11:56 – 12:40 PM	Design you own activity kit – A low-cost kit development session. (Continued) Coordinator: Sh. Satish Dhiman ji.
12:41 – 1:30 PM	Hands on session in mechanics by Sh. Dinesh Kumar Sharma
1:31 – 2:15 PM	Lunch
2:15 – 3:45 PM	Discussion on pre-test on mechanics by Smt. Pragya Nopany ji.
4:00 -6:00 PM	Valedictory function – Certificate awarding, personal reflections, feedback by the participants and address by the Chief Guest, Prof P K Ahluwalia, IAPT President.
6:00 PM	High Tea
8:00 – 8:45 PM	Dinner
9:00 – 10:30 PM	Astronomy Session: Telescope-assisted observation of celestial objects and insights by Dr Arun Kumar.

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NWCBPT-2026



Location: NIT Hamirpur



Dates: 25th to 28th September 2026



Day 4: 28th September 2026 (Monday)

Timing	Particulars
8:00 – 8:45 AM	Breakfast
9:30 AM – 12:30 Noon	Visit to NIT Hamirpur R & D labs.
12:45 – 1:30 PM	Lunch
Departure	

Patrons

Prof. Hiralal Murlidhar Suryawanshi, Director NIT Hamirpur
Prof. P. K. Ahluwalia, National President IAPT
Prof. H C Verma, Founder coordinator, NANI
Prof. R C Lakhanpal, Founder member IAPT, Director Him Academy Schools
Dr. J R Kashyap, Director, Rainbow group of schools (Delhi and HP)

Academic Coordinator

Dr Kuldeep Kumar Sharma, Department of Physics and Photonics Science,
NIT Hamirpur -cum- President IAPT RC 23
7018505359 kks@nith.ac.in

Organizing Secretary

Sh. Dinesh Kumar Sharma, National Coordinator, NANI, Indian Association of Physics Teachers
9418682157, nanicoordinator@gmail.com

Workshop Coordinator

Sh. Satish Dhiman, Principal PM Shri GSSS Dehra -cum- Coordinator, Him-IAPT Anveshika

Advisory Committee

Dr Subhash Chand, Head, Deptt. of Physics and Photonics Science, NIT Hamirpur – (Chairperson)
Dr Sapna Sharma, Deptt. of Physics, St. Bede's College Shimla, -cum- Secretary IAPT RC23 (Co-Chairperson)
Prof. Ravi Kumar, Dean (R & C), NIT Hamirpur, Prof. Sushil Chauhan, Dean (FW), NIT Hamirpur

Public Relation Officer

Sh. Milant Dogra, faculty DIET Dharamshala -cum- co coordinator Him-IAPT Anveshika, 9736045700

Joy of Physics

NWCBPT-2026



Location: NIT Hamirpur



Dates: 25th to 28th September 2026



Organizing Committee

1	Dr Arvind K. Gathania	Department of Physics and Photonics Science, NIT Hamirpur
2	Dr Rajesh Kumar	Department of Physics and Photonics Science, NIT Hamirpur
3	Dr Vimal Sharma	Department of Physics and Photonics Science, NIT Hamirpur
4	Dr Sandeep Sharma	Department of Physics and Photonics Science, NIT Hamirpur
6	Dr Chhavi Kashyap	Principal, RIS Nagrota Bagwan, Kangra -cum- Vice President IAPT RC 23
7	Dr Ram Murti Sharma	Lecturer in Physics, GSSS Bangana, Una -cum- Treasurer, IAPT RC 23
8	Dr Sapna Verma	Deptt. of Physics, Govt College Kullu
9	Er Pankaj Lakhanpal	Director, Him Academy Public School, Hamirpur.
9	Dr Vikram Srivats	Deptt. of Physics, Govt College Dharamshala
10	Dr Arun Kumar	Deptt. of Physics, Govt. College Bilaspur
11	Sh. Madan Lal Sharma	Principal PM Shri GSSS Bharari, Distt. Coordinator Him Anveshika, Bilaspur

Local Coordination Team

1	Dr Abhishek Singh	Department of Physics and Photonics Science, NIT Hamirpur
2	Dr Neetika	Department of Physics and Photonics Science, NIT Hamirpur
3	Dr Biswa Ranjan	Department of Physics and Photonics Science, NIT Hamirpur
4	Dr Avijit Dewasi	Department of Physics and Photonics Science, NIT Hamirpur
5	Dr Nisha Kodan	Department of Physics and Photonics Science, NIT Hamirpur

Organizing Team
NW CBPT 2026