

**MAC 2024**

**Venue:** Department of Physics and  
Photonics Science. NIT Hamirpur, HP  
**Date:** 24<sup>th</sup> June to 26<sup>th</sup> June 2024



**Meeting of Anveshika Coordinators**  
**MAC- 2024**  
(Under the aegis of IAPT- NANI)  
**At NIT Hamirpur, Himachal Pradesh**  
**Wef 24<sup>th</sup> -26<sup>th</sup> June 2024**



<b>Day 1 (Monday, 24<sup>th</sup> June 2024)</b>	
8:30 -9:00 AM	Registration of the delegates and presenting them registration kits, identity cards and other relevant material (Preceded by breakfast)
Inaugural session (9:00 -10:30 AM)	
9:00 – 9:03 AM	Welcome address by Prof Kuldeep Kumar Sharma, Deptt. of Physic and Photonics Science, NIT Hamirpur
9:04 -9:07 AM	Lamp illumination by the eminent guests and simultaneous recitation of Sarswati Vandana
9:08 -9:11 AM	Felicitation ceremony of the Chief Guest, the Director NIT, Prof H. M. Suryawanshi and Prof H C Verma, NANI coordinator
9:12 – 9:18 AM	Anveshika network in India – A talk by Ms. Pragya Nopany
9:19 -9:25 AM	The role of Shiksha Sopan in strengthening the Anveshikas and physics education across India – A talk by Mr Amit Bajpai
9:26 - 9:32 AM	NAEST – A unique platform in India to address the experimental skills powered by LEPTON– A talk by Ms. Smita Fangaria
9:33 – 9:39 AM	IAPT – An organization streamlining the physics education and educationists – A talk by Dr Sharmistha Sahu

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## Day 1 (Monday, 24<sup>th</sup> June 2024) continued...

9:40 – 09:46 AM	Vision map of MAC -2024 – by Mr Dinesh Kumar, MAC coordinator
09:47- 09:58 AM	Inaugural talk by Prof H C Verma, NANI Coordinator
09:59 - 10:04 AM	Kathak dance performance by Ms. Navya Bansal, SAC-Shivalik Coordinator Nalagarh, HP
10:05 -10:19 AM	Address by the Chief Guest Prof Hiralal Murlidhar Suryawanshi, Director, NIT Hamirpur
10:20 -10:23 AM	Vote of thanks by Mr Satish Dhiman, Distt Coordinator Kangra, Him Anveshika
10:24 -10:30 AM	Group photograph of the delegates with Chief Guest and distinguished guests
10:31 to 10:35AM	Short break
10:36 to 11:20AM	Data presentation of NAESt/ LEPTON – way and strategies to identify and tap new resource of teachers -by Ms. Smita Fangaria (An interactive session)
Tea break (11:21 -11:50 AM)	
11:51 AM – 12:20 PM	Insights and learnings from NWUPT- 2024 held in Sopan Ashram Kanpur wef 4 <sup>th</sup> -9 <sup>th</sup> June 2024 – By Mr Amit Bajpai
12:21-1:00 PM	Observations and feedback by the coordinators of five committees formed in MAC -23 (Presentation of six minutes each) 1.NAESt online – Ms. Smita Fangaria and Mr Amit Bajpai 2. NAESt offline- Dr Rakesh Awasthi and Mr Rohit Sharma 3. Media and mass communication: Mr Dinesh Kumar and Mr Debmalya Sen 4. Yearly calendar monitoring- Ms. Pragya Nopany and Mr Mineesh Gulati 5. All activities execution – Sh Jitender Singh and Dr J Chandrasekar Rao
01:01 -1:20 PM	Insights by Prof H C Verma into NAESt 24, the expectations from Anveshika Coordinators and the analysis of MAC-to-MAC activities of NANI.

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## Lunch (1:21 -2:00 PM)

Brief account of Anveshika activities, two new experiments and one experiment for the basic kit  
(2:01 -4:00 PM)

2:01 – 2:15 PM	Activity report, two new experiments and one experiment for the basic kit by Sh Devender Prasad Sharma, Coordinator Ohm- IAPT Anveshika Gwalior, MP.
2:16 – 2:30 PM	Activity report, two new experiments and one experiment for the basic kit by Dr Gajanan B. Patil, Coordinator SSB-IAPT Anveshika , Bhilawadi, Maharashtra.
2:31 – 2:45 PM	Activity report, two new experiments and one experiment for the basic kit by Sh Luxmi Kant Sharma, Coordinator Samadhan-IAPT Anveshika Pilibhit ,UP.
2:46 – 3:00 PM	Activity report, two new experiments and one experiment for the basic kit by Sh Arvind Kumar Pathak, Coordinator Shishukunj-IAPT Anveshika Indore, MP.
3:01 – 3:15 PM	Activity report, two new experiments and one experiment for the basic kit by Dr Rakesh Kumar Singh, Coordinator Patna-IAPT Anveshika Patna, Bihar.
3:16 – 3:30 PM	Activity report, two new experiments and one experiment for the basic kit by Dr Sharmistha Sahu, Coordinator Ammanni -IAPT Anveshika Bengaluru (Karnataka).

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3:31 – 3:45 PM	Activity report, two new experiments and one experiment for the basic kit by Dr Rakesh Awasthi, Coordinator Raman-IAPT Anveshika, Agra (UP).
3:46 – 4:00 PM	Activity report, two new experiments and one experiment for the basic kit by Dr Rajashri Mohapatra, Coordinator DU-IAPT Anveshika, Chandikhole, (Odisha).
4:01– 4:30 PM	<b>Insights and status review of some underperforming Anveshikas</b>
<b>High Tea (4:31 to 5:30 PM )</b>	
5:31 – 7:30 PM	<b>Experimental session by Prof H C Verma</b>
7:31 – 8:00 PM	<b>Discussions on the format of Satellite Anveshika Centers (SAC) at NAEST / LEPTON Partner schools and strengthening the institutional representatives.</b>
<b>Dinner (8:01 – 9:00 PM)</b>	
<b>Gapp-Shapp cum Cultural evening (9:01 – 10:00 PM)</b>	

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## Day 2 (Tuesday, 25<sup>th</sup> June 2024)

### Breakfast (8:30 -9:00 AM)

9:00 – 9:20 AM	Activity report, two new experiments and one experiment for the basic kit by Ms. Pragya Nopany, Coordinator BVN-IAPT Anveshika, New Delhi.
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9:21– 11:20 AM	<b>Enriching the Basic experimental kit of Anveshika coordinators – Prof H C Verma</b>
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### Tea (11:21 – 11:45 AM)

Brief account of Anveshika activities and two new experiments (11:46 AM– 1:20 PM)

11:46 – 12:00 Noon	Activity report, two new experiments and one experiment for the basic kit by Sh Mukul Rathi, Coordinator Janta Vedic -IAPT Anveshika, Baraut (UP).
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12:01– 12:15 PM	Activity report, two new experiments and one experiment for the basic kit by Dr Amit Kumar Jana, Coordinator TAXXILA -IAPT Anveshika, Kolkata (WB).
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12:16– 12:30PM	Activity report, two new experiments and one experiment for the basic kit by Mr Ishtiaq Ahmad, Coordinator STA- IAPT Anveshika, Srinagar (JK).
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12:30 – 12:45 PM	<b>Strategies to widen the impact of the monthly periodical of NANI, The Anveshika Buzz – the mouthpiece of Anveshika activities (Quality and reach) – Mr Dinesh Kumar ( An interactive session)</b>
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12:46 – 1:00 PM	Activity report, two new experiments and one experiment for the basic kit by Dr M S Marwaha, Coordinator SGGS -IAPT Anveshika, Chandigarh
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01:00 – 01:20	<b>Experimental show by Mr Mukul Rathi</b>
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### Lunch (1:21 -2:00 PM)

2:00 – 3:00 PM	<b>Pre-test</b>
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3:00 – 4:00 PM	<b>Looking back at the vision document of MAC 2023 and draft of the vision document for 2024 by Prof H C Verma</b>
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4:01 – 4:15 PM	Activity report, two new experiments and one experiment for the basic kit by Dr Joga Chandrasekhar Rao, Coordinator Focus -IAPT Anveshika, Vizianagaram (AP).
4:16– 4:30 PM	Activity report, two new experiments and one experiment for the basic kit by Sh Rohit Sharma, Coordinator Pt GDV -IAPT Anveshika, Dehradun (UK).
<b>High Tea (4:31 to 5:30 PM )</b>	
5:31– 6:00PM	<b>Experimental show by Dr R K Awasthi</b>
6:01 – 6:15PM	Activity report, two new experiments and one experiment for the basic kit by Sh Brajesh Dixit, Coordinator Go and Go -IAPT Anveshika Ajitmal, Auraiya (UP)
6:16– 6:30PM	Majlis activities report, two new experiments and one experiment for the basic kit by Extended coordinator Ms. Smita Fangaria
6:31– 7:00 PM	<b>Experimental show by Mr Amit Bajpai</b>
7:01– 7:15PM	Activity report, two new experiments and one experiment for the basic kit by Dr Shivanand Masti, Coordinator of GCG Anveshika Gadhinglaj (Kolhapur), Maharashtra.
7:16 – 7:30PM	Activity report, two new experiments and one experiment for the basic kit by Sh Debmalya Sen, Extended Coordinator.
7:31– 7:45PM	Activity report, two new experiments and one experiment for the basic kit by Sugam Anveshika Bikaner, Rajasthan coordinator, Dr Akshay Joshi.
7:46 – 8:00PM	Activity report, two new experiments and one experiment for the basic kit by Siwan Anveshika, Siwan, Bihar coordinator, Sh Rajiv Ranjan
<b>Dinner (8:01 -9:00 PM)</b>	
<b>Gapp-Shapp cum Cultural evening (9:01 -10:00 PM)</b>	

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### **Day 3 (Wednesday, 26<sup>th</sup> June 2024)**

#### **Breakfast (8:30 – 9:00 AM)**

9:00 – 10:30 AM	<b>Discussion on the Pre-test</b>
10:31 – 10:45 AM	Activity report, two new experiments and one experiment for the basic kit by Dr Akhilesh Tiwari, Coordinator IIITA-Akhil-Anveshika Prayagraj, UP.
10:46 – 11:00 AM	Activity report, two new experiments and one experiment for the basic kit by Dr Amarendra Narayan, coordinator of VKSU Anveshika Ara, Bihar.
11:01 – 11:15 AM	Activity report, two new experiments and one experiment for the basic kit by KMV Anveshika Jalandhar, Panjab coordinator, Dr Neetu Verma.

#### **Tea (11:16 - 11:30 AM)**

11:31 – 11:45 AM	Activity report, two new experiments and one experiment for the basic kit by Mr Amit Bajpai, coordinator of SGM Anveshika Kanpur (UP).
11:46 AM – 12:00 Noon	Activity report, two new experiments and one experiment for the basic kit by Mr Nani Gopal Mondal, Coordinator Adarsha-IAPT Anveshika, Balurghat (WB).
12:01– 12:15 PM	Two new experiments and one experiment for the basic kit by Extended coordinator Ms. Anuja Agarwal.
12:16 – 12:30 PM	Activity report, two new experiments and one experiment for the basic kit by Mr Dinesh Kumar, Coordinator of Him Anveshika, Dharamshala (HP)
12:31 – 1:30 PM	<b>Research exposure visit coordinated by Department of Physics and photonics science, NITH.</b>

#### **Lunch (1:31 -2:15 PM)**

2:16 – 4:00 PM	<b>Anveshika roadmap – the scope of innovative approaches by Prof H C Verma (An interactive session)</b> <b>Discussion on the venue of MAC 2025</b>
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## Assembling for the Valedictory function (wef 4:10 PM)

### Valedictory Function

4:21 – 4:25 PM	Welcome Address by IAPT RC-23 President Dr Kuldeep Sharma
4:26 – 4:35PM	Brief account of MAC 24 insights by the MAC coordinator, Mr Dinesh Kumar
4:36 – 4:38PM	Felicitation of the Chief Guest Prof P K Ahluwalia, IAPT National President
4:39 – 4:41 PM	Felicitation of Prof H C Verma
4:42 – 4:45 PM	Felicitation of distinguished guests
4:46 – 5:00PM	Address by Prof H C Verma, NANI Coordinator
5:01– 5:26 PM	Valedictory ceremony – Souvenir/ certificate presentation to MAC delegates
5:27 – 5:56PM	Keynote speech by the Chief Guest Prof P K Ahluwalia, IAPT President
5:57 – 6:00 PM	Vote of thanks by Prof Rajesh Kumar Sharma, HoD, Deptt of Physics and Photonics Science, NIT Hamirpur

### High Tea (6:00 – 6:30 PM)

### Dinner (7:30 –8:30 PM)

### Gapp-Shapp cum Cultural evening (8:31– 10:00 PM)