



NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR



**DEPARTMENT OF PHYSICS
AND PHOTONICS SCIENCE**

PRESENT A NATIONAL WORKSHOP ON

**REIMAGINING EDUCATION
IN THE LIGHT OF
NEP-2020**



APRIL 20, 2023

ABOUT THE NATIONAL WORKSHOP

Education is fundamental for achieving full human potential, developing an equitable and just society, and promoting national development. Providing universal access to quality education is the key to India's continued ascent, and leadership on the global stage in terms of economic growth, social justice and equality, scientific advancement, national integration, and cultural preservation. Universal high-quality education is the best way forward for developing and maximizing our country's rich talents and resources for the good of the individual, the society, the country, and the world. India will have the highest population of young people in the world over the next decade, and our ability to provide high-quality educational opportunities to them will determine the future of our country.

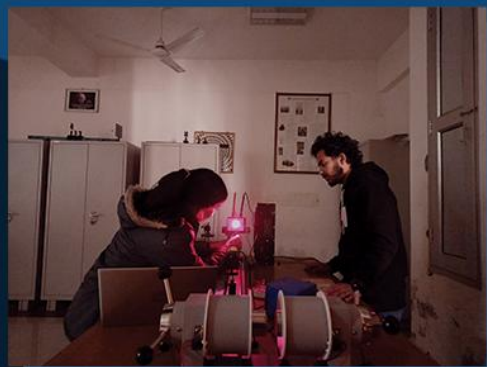
Education Policy lays particular emphasis on the development of the creative potential of each individual. It is based on the principle that education must develop not only cognitive capacities - both the 'foundational capacities' of literacy and numeracy and 'higher-order'

cognitive capacities, such as critical thinking and problem solving – but also social, ethical, and emotional capacities and dispositions.

With the specific aim to disseminate the information related to the latest developments in the education sector and provisions envisaged in NEP 2020, a National Workshop on **“Reimagining Education in the Light of NEP-2020”** is being organized in by the Department of Physics & Photonics Science at National Institute of Technology Hamirpur, Himachal Pradesh on **April 20, 2023.**

The workshop aims to present invited talks and discussions on the latest developments in the education sector and provisions in NEP-2020 by the experts working in different academic areas viz.

- (i) Transforming higher education as per NEP-2020, Part A – “Policy and implementation” Part B - “Integrating skill education with curriculum”.
- (ii) “Developing critical thinking and problem solving ability”.



(iii) “Pleasure of Learning: Aids, Resources and Technology” (iv) “Sustainable Development: Challenges and Opportunities”,
(v) Demystifying Research, Development and Entrepreneurship.
This seminar is open to the students and faculty members from the educational institutions/organizations, industry people and general public across the country.



DATE AND VENUE

The one day national workshop on “Reimagining Education in the Light of NEP- 2020” being scheduled on April 20, 2023 at 9.00am in the Auditorium of National Institute of Technology, Hamirpur (HP).



ABOUT NIT - HAMIRPUR

The institute campus is situated at Anu (3Km from main bus stand of Hamirpur town) at an altitude of 900 meters. NIT Hamirpur is about 220km from Chandigarh and is well connected by roads. The nearest railway station is at Una (HP), which is 80Km from Hamirpur. The nearest airport is at Shimla (150Km) and Kangra (85Km). Direct flights from Chandigarh, Delhi to these places are available.



The campus has pleasant lush green pine trees surrounding, facing the snow clad Dhauladhar mountain ranges. The famous international tourist place Manali is about 230Km east of Hamirpur and is well connected by National Highway (NH-70). The famous Mata Jawalaji, Chintpurni, Brijeshwari, Chamunda Devi, Baba Balaknath Deotsidh, and Buddhist Monastery at McLeodganj, Dharamshala are few nearby tourist places.

ACCOMMODATION

Outside Participants have to make their own stay arrangements well in advance. However, limited accommodations can be provided on first come first serve basis in Satpura Hostel on payment basis by sending their request in advance to convener through mail vmisharma@nith.ac.in or kks@nith.ac.in .

Traveling cost has to be borne by the participants from their parent institutions.

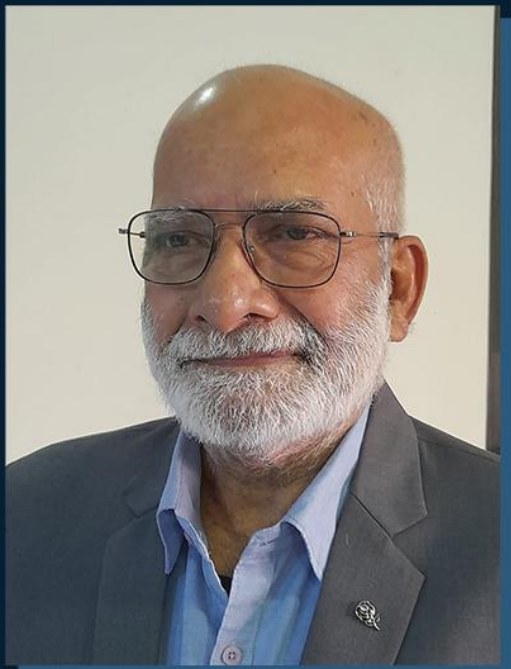


REGISTRATION

Participants have to fill a registration form on google forms, which will open once the students scan the given QR code. There will be a participation fee of Rs 100 for the students, Rs. 300 for the faculty members, and Rs 1000 for industry person.

Participants are requested to send the registration form duly filled either by post or through e-mail at: vmisharma@nith.ac.in before April 19, 2023 or they can register on the spot to ensure their participation

PROBABLE SPEAKERS



Prof. B.N. Jagatap



Prof. B. P. Singh

Renowned scientist and academician Prof. B.N. Jagatap formerly Distinguished Scientist & Director, Chemistry Group of Bhabha Atomic Research Centre (Mumbai), Senior Professor at the Department of Physics, Indian Institute of Technology Bombay and Senior Professor at the Homi Bhabha National Institute. (Mumbai) Currently the Chairman of the Governing Council of the S.N. Bose National Centre for Basic Sciences (Kolkata) and the Chairman of the Research Council of the National Institute of Science Communication and Policy Research (New Delhi), the Chairman of the Steering Committee of the PMO monitored National Programme on Communicating Scientifically Validated Traditional Indian Knowledge to Society would be delivering the expert lectures during this seminar.

Another expert is a renowned academician Prof. B. P. Singh superannuated from the post of Institute Chair Professor at the Department of Physics, IIT Bombay after 32 years of service at various academic levels. He has contributed to science education and research in various capacities both at institutional and national levels. He has served on planning committees of several DST SERC schools in optical sciences apart from being the faculty member and an organizing director of one such on “Nano-optics”. In addition, he has served DST committees for “optical computing” and “national program on laser materials”. He would also deliver expert talk in this workshop.

ADVISORY COMMITTEE

Prof. K. Tankeshwar, Vice-Chancellor, Central University Haryana
Prof. Rajinder Singh, IIT Delhi
Prof. Bhag Chand Chauhan, CUHP, Dharamshala
Prof. P. K. Raina, IIT Ropar
Prof. O. P. Pandey, Thapar Institute of Engg. & Tech. Patiala
Prof. Vipin Bhatnagar, Panjab University Chandigarh
Prof. Satinder Kumar, IIT Mandi
Prof. R. K. Moudgil, Kurukshetra University, Kurukshetra
Prof. Raman Sharma, HPU Shimla
Prof. Ravi Kumar, NIT Hamirpur
Prof. Sanjeev Kumar Srivastava, IIT Kharagpur
Prof. Kulvir Singh, Thapar Institute of Engg. & Tech. Patiala
Prof. Anup Thakur, Punjabi University, Patiala

ORGANIZING COMMITTEE

Patron: Prof. H. M. Suryawanshi , Director cum Chairman, BOG, NIT Hamirpur
Chairman: Dr. Kuldeep Kumar Sharma, Head, Department of Physics and Photonics
Science, NIT Hamirpur
Coordinators: Dr. Kuldeep Kumar Sharma, Dr. Subhash Chand and Dr. Arvind Kumar,
Department of Physics and Photonics Science, NIT Hamirpur
Conveners: Dr. Rajesh Kumar, Department of Physics, NIT Hamirpur
Dr. Vimal Kumar, Department of Physics, NIT Hamirpur
Treasurer: Dr. Rajesh Kumar, Department of Physics, NIT Hamirpur

STUDENT ORGANIZING BODY

B. Tech

3rd Year - Yash Upadhyay, Gurmehar Kaur, Ayush Sahu, Praveen Yadav, Ashutosh Prajapati, Saumya Ranjan Mahana, Anirudh Thakur, Shivansh Sharma, Abhimanyu Singh, Parinay Rana, Prashant Dhiman, Aryan Verma

2nd Year - Akash Ghoshal, Abhinav Jaiswal, Bhisham Sharma, Ashmit Jaisarita Gupta, Divyanshu

M. Sc.

Karan Roy, Amardeep Jhalla, Denesh K, Memansa Thapa, Meenakshi, Vikas, Shobhit Dogra, Mahendra Sinwar