

## CHANDIGARH

Chandigarh is a union territory of India, that serves as the capital of two states, Punjab and Haryana. It is referred to as The City Beautiful. The gently sloping plains on which modern Chandigarh exists, was in the ancient past, a wide lake ringed by a marsh. The fossil remains found at the site indicate a large variety of aquatic and amphibian life, which was supported by that environment. About 8000 years ago the area was also known to be a home to the Harappans. As the first planned city of India, Chandigarh is known internationally for its architecture and urban planning. Chandigarh is home to numerous architectural projects of Le Corbusier, Pierre Jeanneret, Matthew Nowicki, and Albert Mayer. The city tops the list of Indian States and Union Territories with the highest per capita income in the country. As per a study conducted by Ministry of Urban Development, Chandigarh has emerged as the cleanest city in India. The city is surrounded by a 16 kilometer wide greenbelt to ensure that no development could take place in the immediate vicinity of the town, thus checking suburbs and urban sprawl; hence is famous for its greenness too. Though the city, being relatively very young, does not have historical monuments to boast of, it definitely manages to impress the tourists with its modern architecture and natural beauty (parks, lakes, etc).

## ELIGIBILITY

M.Sc/ M.Tech and Ph.D students (Physical, Chemical and Life Sciences)

## APPLICATION PROCEDURE

Applicants are requested to download the application from INST website <https://inst.ac.in/news/topic/2988>. Send the duly filled in application form with the following documents to [sanyasinaidu@inst.ac.in](mailto:sanyasinaidu@inst.ac.in)

- Filled in Application Form
- Detailed Resume
- Justification towards attending the workshop (250 words)
- Recommendation letter from Supervisor/ HOD/ Head of Institute/ Registrar.

## SELECTION PROCEDURE

All the applications received will be screened by a Screening Committee and the candidates will be shortlisted based on their Academic, research background and first come first basis.

## IMPORTANT NOTE

- There is **no registration fee**
- Workshop will be organized in **online mode**

## VENUE

Institute of Nano Science and Technology  
Knowledge City, Sector- 81  
Mohali, Punjab - 140306

# Workshop in Nano, 2021



## DST-SERB Winter Karyashala on Luminescent Nanomaterials for Photonic and Biophotonic Applications

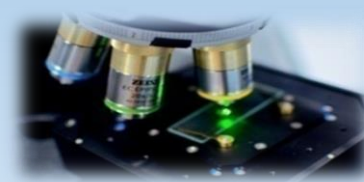
17<sup>th</sup> – 23<sup>rd</sup> September 2021

Organized by

Institute of Nano Science and Technology  
(An autonomous institute of DST)

Sponsored by

DST-SERB, Government of India



## **ABOUT INST**

Institute of Nano Science and Technology (INST), Mohali (Punjab), an autonomous institution of the Department of Science and Technology (DST), Government of India, has been established under the umbrella of NANO MISSION, initiated by DST to boost research and development in the field of Nanoscience and Nanotechnology in India. INST started its activities on 3rd January 2013 from its transit campus at Mohali, Punjab. In the December of 2020, the institute shifted to its state-of-the-art new campus sprawling over 35 acres of land, at Knowledge City, Sector-81 (Mohali, Punjab). Research activities at INST encompass physics, chemistry, biology, and interdisciplinary sciences addressing problems in the field of energy, environment, quantum materials, nano-devices, and chemical biology. Institute has set a unique mission to work at the forefront of fundamental science together with the development of technologies to address problems of national and global priorities.

## **TOPICS COVERED**

The DST-SERB winter karyashala on Luminescent nanomaterials for photonic and bio-photonic applications will be conducted at Institute of Nano Science and Technology (INST), Mohali. This program will give basic knowledge to recent advances on various kind of luminescent nanomaterials. It will cover various synthesis methods, characterization tools, photonic & biophotonic applications of different kinds of luminescence nanomaterials.

Focused nanomaterials are given below

1. Halide Perovskites
2. Semiconductor Quantum Dots
3. Carbon Dots
4. Lanthanide Ions Doped Up- and Down Conversion Nanomaterials
5. Metal Clusters

## **IMPORTANT DATES**

Start date of application

**16<sup>th</sup> August 2021**

Deadline for submission of application

**10<sup>th</sup> September 2021**

Announcement of Shortlisted Candidates

**14<sup>th</sup> September 2021**

## **CHIEF PATRON**

Prof. Amitava Patra,  
Director,  
Institute of Nano Science and  
Technology, Mohali

## **PATRON**

Prof. Surajit Karmakar,  
Scientist F,  
Dean Administration,  
Institute of Nano Science and  
Technology, Mohali

## **CONVENER**

**Dr. Sanyasinaidu Boddu**, Scientist-C,  
Institute of Nano Science and  
Technology, Mohali  
E-mail: sanyasinaidu@inst.ac.in  
Website: www.inst.ac.in

## **CO-CONVENOR**

**Dr. Shyam Lal M**, Scientist C,  
Institute of Nano Science and  
Technology, Mohali  
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