

## TOPICS TO BE COVERED

- Nanowire Quantum Electronics and Optoelectronic Devices
- Adv topics in Nanotechnology
- Advances in MOS Transistor: From micro to nano
- Devices, MEMS, VLSI Circuits
- Nanotechnology
- Wide bandgap Semiconductors based optoelectronics devices
- Graphene and its derivatives: Preparation and emerging applications in flexible energy and electronic devices
- Nanoelectronics & VLSI Design

## INVITED SPEAKERS

- ❖ Prof. Samresh Das, IIT Delhi
- ❖ Prof. Sanjeev Manhas, IIT Roorkee
- ❖ Prof. Satyabrata Jit, IIT BHU
- ❖ Prof. Roy Paily Palathinkal, IIT Guwahati
- ❖ Dr. Sandip Patil, IIT Kanpur
- ❖ Prof. Dipankar Mandal, INST Mohali
- ❖ Prof. Nihar Ranjan, IIT Gandhinagar
- ❖ Dr. Sunil Singh Kushvaha, CSIR NPL
- ❖ Dr. Rajesh Kumar, IIT Kanpur
- ❖ Dr. Kumar Gautam, QRACE

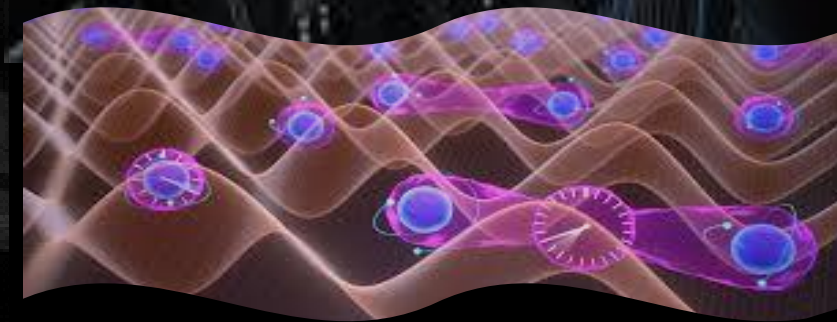
## NATIONAL INSTITUTE OF TECHNOLOGY DELHI



Organizing  
**Six Days Workshop**  
On

## THE FUTURE OF NANOTECHNOLOGY IN VLSI

**November 18 - 23, 2024**  
(Hybrid Mode)



## ABOUT NIT DELHI

An autonomous Institute that functions under the aegis of the Ministry of Education, Govt. of India. It aims to provide instructions and research facilities in various disciplines of Engineering, Science and Technology for advanced learning and dissemination of knowledge. Currently, the institute offers B.Tech. programs in Computer Science and Engg., Electronics and Comm. Engg., Electrical Engg., Civil Engg., Mechanical engg and VLSI Design. The institute also offers M.Tech., Ph.D., and Post-doctoral programs. NIT Delhi has been ranked 45 by NIRF.

## ABOUT THE WORKSHOP

VLSI Design is drastically growing from past six decades. India has much keen interest to concentrate on fabrication to fulfil Make in India mission. Towards this goal, the workshop is organized to focus on circuits, devices from submicron to nanodevices & extended towards the quantum electronics.

## REGISTRATION

**Register through the following link**

<https://forms.gle/AravrSdgcL8yGdMQ8>

**Last date of registration extended upto :**

**15 November, 2024**

**The registration fee for the course:**

**UG: INR 300**

**PG/PhD: INR 500**

**Faculty: INR 700**

**Industry personals: INR 1000**

**Deposit the fee in following account:**

**Account Holder's Name:** Director National Institute of Technology Fee Collection

**Account Number:** 092901001801

**IFSC Code:** ICIC0004610

**Bank Name & Branch:** ICICI Bank, NIT Delhi, Narela Subcity

**or Scan to Pay**



## CHIEF PATRON

**Prof. (Dr.) Ajay K Sharma**

## CONVENOR (s)

**Dr. Vinay S Pandey**

**Dr. Preeti Verma**

## COORDINATOR (s)

**Dr. Harish Kumar**

**Dr. D. Vaithiyanathan**