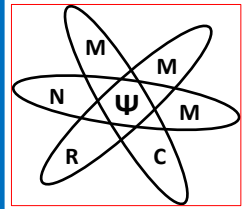




Workshop on  
**MULTISCALE MODELING OF MATERIALS IN CARBON  
RELATED NANOSTRUCTURES**

10/05/2023 to 13/05/2023

Central University of Haryana, Mahendergarh, Haryana



Nanomaterials are incorporated into devices like Micro- Electro- Mechanical Systems (MEMS) and Nano- Electro-Mechanical Systems (NEMS) i.e. microresonators, microrotors etc. An important class of nanomaterials is carbon related nanostructures. In order to describe their behaviour, it is necessary to describe them at atomic level. The computational material science follows a strategy of “divide and conquer”, where description at atomic level can include the necessary ingredients for the correct description. This method combined with more computational methods at higher length and time scales has led to the development of the so- called multiscale modelling of materials.

The aim of this workshop is to stress the possibilities that multiscale modelling offers in comprehending and controlling of the nanomaterial properties and tailoring them for specific applications.

### Registrations

Workshop is for young researchers (students pursuing PhDs, Post-doctoral fellows, young faculties and scientists from universities/institutes. Registration can be made online on the given link of Website of Central University of Haryana. Registration fee for the workshop is Rs. 1000/-.

### Tentative Speakers

Prof. Ravindra Pandey, Michigan Technological University, USA  
Prof. Mohan L Verma, Shri Shankaracharya Technical Campus, Bhilai, Chhattisgarh, India  
Dr. B. Keshav Rao, Shri Shankaracharya Technical Campus, Bhilai, Chhattisgarh, India  
Dr. Ashok Kumar, Central University of Punjab, VPO Ghudda, Bathinda, India  
Dr. Munish Sharma, Maharaja Agrasen University, Solan, Himachal Pradesh, India  
Dr. Neha Katoch, Central University of Himachal Pradesh, India

### Important Dates

Registration Opens: 15/03/2023  
Registration Opens: 15/04/2023  
Intimation of Acceptance:  
20/04/2023

### Advisory Committee

Prof. Ravindra Pandey, Michigan Technological University, USA  
Dr. S. M. Yusuf, Solid State Physics Division, BARC, Mumbai, India  
Dr. Ashok Arya, senior scientist, Materials Science Division, BARC, India  
Dr. Aftab Alam, Professor, Department of Physics, IIT Bombay, Mumbai, India  
Dr. Gour Prasad Das, Professor, Department of Materials Science, IACS, Kolkata, India  
Dr. Hemant K. Kashyap, Professor, Department of Chemistry, IIT Delhi, India  
Dr. Chiranjib Majumder, Professor, Chemistry Division, BARC, Mumbai, India  
Dr. Arnab Mukharjee, Professor, Department of Chemistry, IISER Pune, India  
Dr. Govardhan Reddy, Associate Professor, IISc Bangalore, India  
Dr. Swapan K. Pati, Professor, Theoretical Sciences Unit, JNC SAR, Bangalore, India  
Dr. Amrita Bhattacharya, Associate Professor, Department of Metallurgical Engineering and Materials Science, IIT Bombay, Mumbai, India  
Dr. Mahesh Sundararajan, Scientific Officer, Department of Atomic Energy, BARC,

### Important Links

For Registration & Fee  
Payment

<http://payment.cuh.ac.in/payment.php?eid=e88c1b31bb9b48ce32f3f842389a3d0c>

Intake Capacity:

National = 30 &  
International = 02

\*First Come, First Served

Contact for any query related  
to the Workshop on  
[mmmcn2023@cuh.ac.in](mailto:mmmcn2023@cuh.ac.in) &  
9876437838/9820824839

### Organizing committees

**Patron:** Prof. Tankeshwar Kumar (Vice Chancellor), Central University of Haryana, Mahendergarh, Haryana

**Convenor:**

Prof. Sunita Srivastava, Central University of Haryana, Mahendergarh, Haryana

**Organizing Secretary:**

Dr. Azaj Ansari, Central University of Haryana, Mahendergarh, Haryana

**Local Organizing Committee:**

Approximately 15 People form the University in 5 Different Committees