



विज्ञान एवं प्रौद्योगिकी विभाग  
DEPARTMENT OF  
SCIENCE & TECHNOLOGY



## DST-SERB Sponsored Workshop

On

**MEMS/NEMS smart sensors**  
development trends and future prospective

**Centre for Materials for Electronics Technology (C-MET)**  
Scientific Society, Ministry of Electronics & Information Technology (MeitY)



Centre for Materials for Electronics Technology(C-MET), Hyderabad  
IDA Phase III, HCL (P.O.) Cherlapally, Hyderabad, Telangana 500051



MINISTRY OF  
ELECTRONICS &  
INFORMATION TECHNOLOGY  
GOVERNMENT OF INDIA

**SERB-Scientific Social Responsibility Policy**

**Organizing Secretary**  
**Dr. Akshdeep Sharma, Scientist**

Centre for Materials for Electronics Technology (C-MET)  
under Ministry of Electronics & Information Technology (MeitY),  
Govt. of India

MicroElectroMechanical Systems (MEMS)/ NanoElectroMechanical Systems (NEMS) sensors has been identified as one of the most promising technologies for the 21st Century and has the potential to revolutionize both industrial and consumer products by combining silicon-based microelectronics with micromachining technology. Its techniques and microsystem-based devices have the potential to dramatically affect of all of our lives and the way we live. The interdisciplinary nature of MEMS utilizes design, engineering and manufacturing expertise from a wide and diverse range of technical areas including integrated circuit fabrication technology, mechanical engineering, materials science, electrical engineering, chemistry and chemical engineering, as well as fluid engineering, optics, instrumentation and packaging.

Under this back drop, one day dual mode (online/offline) workshop is envisaged under SERB Scientific Social Responsibility (SSR) Policy so as to acquaint researchers/faculty members of the Universities/colleges about MEMS/NEMS sensors technology. The main purpose of this workshop is to impart knowledge on these technologies development and future prospective.

**Who can participate-** Researchers/Faculty members of Universities/Colleges/Institutes are eligible to apply. The number of participants will be limited to 25 only.

**Registration fees-** There will be no registration fee for the workshop.

**Travel-** Travelling allowance will not be provided by the organizers. Participants have to make their own arrangements.

**Food & accommodation-** Refreshments and lunch will be provided for participants during the program. Accommodation will not be provided to participants.

### **Contact**

**Organizing Secretary:** Dr. Akshdeep Sharma  
Email- [akshdeep.sharma@cmet.gov.in](mailto:akshdeep.sharma@cmet.gov.in)

**How to apply-** Complete application form in the prescribed format forwarded by authority should be mailed to [akshdeep.sharma@cmet.gov.in](mailto:akshdeep.sharma@cmet.gov.in) on or before March 10, 2022. Application form can be downloaded from [cmet.gov.in](http://cmet.gov.in)

### **Application Form**

DST-SERB Sponsored Workshop on  
**MEMS/NEMS smart sensors  
development trends and future prospective**  
(SERB Scientific Social Responsibility Policy)

Full Name (in block letters):  
Designation:  
Discipline/Specialization:  
Present Employer and Address:  
Permanent Address:  
Date of Birth:  
Sex(Male/Female):  
Category (Gen/OBC/SC/ST):  
Phone/Mobile No:  
E-mail:  
Educational Qualifications:  
Current Area of Research:  
Teaching/Research/Professional Experience (mention post held during last 5 years and number of publications):  
Marital Status (Married/Unmarried):

**Signature of Applicant with date**

### **Recommendation of the forwarding Institute:**

It is certified that the information provided above is verified and found correct. The applicant is recommended and nominated for attending the workshop at Centre for Materials for Electronics Technology (C-MET) Hyderabad.

**Signature of the forwarding Authority with Seal and Date**

### **Organizing Institute:**

Centre for Materials for Electronics Technology (C-MET) Hyderabad.  
Phone: 040-27267006,27265587  
[www.cmet.gov.in](http://www.cmet.gov.in)