

## ABOUT C-MET

Dedicated to the furtherance of competent research and development in the firmament of Electronic Materials, the Centre for Materials for Electronics Technology (C-MET), functions as an autonomous scientific society under the aegis of Ministry of Electronics and Information Technology (MeitY), Govt. of India.

Besides augmenting core competence, C-MET envisions attainment of self-sufficiency in the sphere of Electronic materials, components and devices to cater to India's strategic and industrial applications, exploiting indigenous resources of raw materials. R&D activities in C-MET at present include development of thick film materials, polymers for electronics, specialty chemicals and glasses, ultra high purity and refractory metals, semiconductors, photovoltaic cells, materials for electrochemical energy storage, Li ion batteries, electronic ceramics and fine powder processing. C-MET undertakes joint R&D, sponsored research, technology transfer and consultancy projects and provides technical services.

## ABOUT THE ROYAL SOCIETY LONDON

The Society's fundamental purpose, reflected in its founding Charters of the 1660s, is to recognize, promote, and support excellence in science and to encourage the development and use of science for the benefit of humanity. The Society is the independent scientific academy of the UK and the Commonwealth, dedicated to promoting excellence in science. The Society has played a part in some of the most fundamental, significant, and life-changing discoveries in scientific history and Royal Society scientists continue to make outstanding contributions to science in many research areas. The priorities for the Royal Society are in "promoting excellence in science, supporting international collaboration, and demonstrating the importance of science to everyone."

### About Leeds

The University of Leeds was established in 1904 as one of the leading regional Universities in UK for undertaking research and education related training across the STEM subjects, arts, humanities and social sciences, and law and business studies. It is the 2nd largest University in UK with 32000+ students, and it is the largest teaching hospital in W Europe. In 2015, to celebrate the scientific achievements of Professors William and Lawrence Bragg, a £95million Bragg Research Centre has been built, which is linked with £250 million Henry Royce National Centre at Manchester.

The Water and Energy Research features strongly in the University's Global Challenge Research Portfolio, and this workshop is organized in the spirit of bringing our scientific endeavor together for solving a global problem.

## ORGANIZING COMMITTEE

Dr. N. R. Munirathnam,	DG,C-MET
Prof. Animesh Jha	UoL, Leeds UK
Dr. Bharat Kale, Director,	C-MET, Pune
Prof. Satish Ogale	IISER, Pune
Prof. Bhoopesh Mishra	UoL, Leeds UK
Prof. Punyasloke Bhadury	IISER Kolkata

Prof. Parikshit Goswami	Univ. of Huddersfield, UK
Dr. Rajendra Sharma	SPEL, Pune
Prof. Subhash Ghaisas	SPPU, Pune
Prof. Suresh Gosavi	SPPU, Pune
Prof. Mahendra More	SPPU, Pune
Dr. Ulhas Kharul	NCL, Pune
Dr. Nawalkishor Mal	TATA Chemical Ltd, Pune
Dr Milind Acharya	MILMAN, PCT Ltd, Pune
Prof. Adarsh Kumar	IISER, Bhopal
Prof. Sandesh Jadkar	SPPU, Pune
Mr Rahul Bakare	CEO, Urdhavam Pune
Mr. Lalit Bajare	Nixie Engineers Pvt Ltd

## LOCAL ORGANIZING COMMITTEE

Dr. S.B. Rane	C-MET, Pune	Convener
Dr M.V. Kulkarni	C-MET, Pune	Co-Convener
Dr. R.S. Sonawane	C-MET, Pune	Treasurer
Dr. R.P. Panmand	C-MET, Pune	Co-Treasurer
Dr. G. J. Phatak	C-MET, Pune	Member
Dr. N. Raghu	C-MET, Thrissur	Member
Dr. R. Ratheesh	C-MET, Hyderabad	Member
Dr. T. Seth	C-MET, Pune	Member
Dr R. P. Rao	C-MET, Pune	Member
Dr. S. K. Apte	C-MET, Pune	Member
Mrs. S.D. Naik	C-MET, Pune	Member
Dr. J.D. Ambekar	C-MET, Pune	Member
Dr. V. Raut	C-MET, Pune	Member
Dr. S. Joseph	C-MET, Pune	Member
Dr. P.V. Adhyapak	C-MET, Pune	Member
Mr. R. Marimuthu	C-MET, Pune	Member
Dr. R.R. Hawaldar	C-MET, Pune	Member
Dr. A. Kashmir	C-MET, Pune	Member
Dr. N. Nasani	C-MET, Pune	Member
Dr. S. S. Arbuji	C-MET, Pune	Member
Dr. M. D. Shinde	C-MET, Pune	Member
Prof. A. Jha	AKU, Patna	Member

## SCOPE OF THE WORKSHOP

The workshop will cover a broad area of topics relating to the Q-dot structures in **glass and inorganic materials and energy harvesting for water purification, energy transduction and storage applications**. In this context, the organizing committee is soliciting suitable invited talks, oral and poster presentations on

- Q-dot Materials for Energy harvesting in thin films and bulk materials, and Their applications
- Optical/Optoelectronic Materials/ Chalcogenides materials including glassy and amorphous materials
- Nano-materials/Nanotechnology/Surfaces, Interfaces, Thin Film Fabrication Techniques, sensors
- Characterization Techniques for Q-dot and nano structures
- Ion and electron/hole transport processes Theoretical and Computational Materials Science
- 

## IMPORTANT DATES

<b>Workshop Date</b>	<b>20-21<sup>st</sup> Feb 2019</b>
<b>Registration:</b>	<b>January 30, 2019</b>

## ANNOUNCEMENT

### Workshop on Q-dot and Nanostructured Materials, Characterisations, Processing & Device Fabrication (Q-dot-NMat-2019)

Organized by

*Centre for Materials for Electronics  
Technology, C-MET, Pune*

*University of Leeds, UK*

*20-21 February, 2019*

**Venue**

*C-MET, Pune 411 008*

*Event is supported by the Royal Society,  
London, International Collaboration with  
India*

## ADDRESS FOR CORRESPONDENCE

**Dr. B. B. Kale** Co-Investigator

Centre for Materials for Electronics Technology, Pune,  
Panchwati, Off. Pashan Road, Pune-411008

E-Mail: [bbkale@cmet.gov.in](mailto:bbkale@cmet.gov.in)

&

**Prof. Animesh Jha**, Principle Investigator

School of Chemical and Process Engineering,

University of Leeds, Leeds, UK.

E-Mail: [a.jha@leeds.ac.uk](mailto:a.jha@leeds.ac.uk)

## ABOUT THE WORKSHOP

Centre for Materials for Electronics Technology (C-MET), Pune is organizing an Workshop on Nanostructured Materials, Processing & Device Fabrication (**Q-dot-NMat-2019**) at Pune, India sponsored by the Royal Society of UK, London during 20 and 21 February 2019. Workshop aims to bring together leading academics, scientists, engineers, and industry partners to exchange and share this platform for meeting challenge in energy and water, which are essential for life on the planet. The proposed topics will lead to thematic discussions and it is intended that the high-quality work may be reviewed for taking forward in the proposal mode.