

INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS



ICAM 2019



12-14 June 2019

Sponsored by

INDIAN SPACE RESEARCH ORGANISATION

&

KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY & ENVIRONMENT (KSCSTE)

Organized by

DEPARTMENT OF PHYSICS

Nirmalagiri College

Nirmalagiri P.O., Kannur, Kerala, India – 670701

www.ngcphysics.org.in

REPORT

The International Conference on Advanced Materials (ICAM 2019) was organized successfully at Nirmalagiri College, Kannur, Kerala, India from 12th to 14th June 2019. Prof. P. Knoll, Institute of Experimental Physics, University of Graz, Vienna, Austria inaugurated the event which was chaired by Mar. Joseph Pamplani, Auxiliary Bishop of Thalasserry Arch Diocese and the Manager of the College.

The Conference drew huge response and participation from scientists, engineers, researchers, students and leaders in the fields of Materials Science and Nanotechnology, who made this event successful. It also provided invaluable networking opportunities, deploying the foundation for new research endeavors and development of scientific projects.



The Conference website has registered 35000 plus visitors from across the globe. 1300 plus registrations were received out of which 400 were invited to present their papers after scrutiny of the abstracts submitted. The conference was attended by 350 plus delegates from India and abroad and more than 300 papers were presented on the days in Oral and Poster modes. A total of 27 distinguished speakers interacted with the delegates through Plenary and Invited talks. The event was covered extensively by print and visual media.

The meeting was carried out through various sessions, in which discussions were held on major scientific tracks such as Advanced materials, Nanomaterials, Composite materials, superconducting materials, metamaterials, photonic, spintronic and energy harvesting materials, grapheme etc.



The Conference Sessions included Plenary Talks, Invited Talks, Oral and Poster presentations. Plenary Talks were delivered by Prof. Pulickel M Ajayan, Rice University, USA, Prof. I-Nan Lin, Tamkang University, Taiwan, Prof. P. Knoll, Institute of Experimental Physics, University of Graz, Vienna, Austria, Dr. Reji Philip, Raman Research Institute, Bangalore and Prof. R.K Pandey, Amity University, Raipur.



Prof. Hitoshi Watarai, Institute for NanoScience Design, Osaka University, Japan, D. Fasquelle, University of Littoral Cote d'Opale, France, Pol Vilas, Purdue University's School of Chemical Engineering, USA, Radhakrishna Prabhu, CREE, Robert Gordon University, Aberdeen, UK, Klaus Friedel Ortega, University of Duisburg-Essen, Essen, 45141, Germany, Nandakumar Kalarikkal, International and Inter University Center for Nanoscience and Nanotechnology, Mahatma Gandhi University. Kottayam, S.S. Bhattacharya, Indian Institute of Technology, Madras, N. Lakshmi, Mohanlal Sukhadia University, Udaipur, Tanmay Basak,

Department of Chemical Engineering, Indian Institute of Technology Madras, Chennai, T. N. Narayanan, TIFR, Hyderabad, Swapna S Nair, Central University of Kerala, Vinod E. Madhavan, Qatar Environment and Energy Research Institute, Doha, M. M. Shaijumon, IISER, Trivandrum, Vilas Shelke, Barkatullah University, Bhopal, Manjusha Shelke, National Chemical Laboratory, Pune were among the invited speakers.



The conference served as a platform for the young researchers and students from across the globe to meet and interact with veterans in the field of Nanotechnology and material sciences and share their experience and expertise. Selected papers presented at the conference are being published in the peer reviewed journal 'Emergent Materials' by Springer and as a separate volume in AIP Conference Proceedings.



Prof. R.K Pandey, Vice Chancellor, Amity University, Raipur was the Chief Guest on the concluding ceremony and Mar. George Njaralakkattu, Arch Bishop of Thalasserry Arch Diocese and the Patron of the College, delivered the keynote address. Dr. Varkey Sebastian, the Conference Chairman, proposed the vote of thanks.



We would like to express our indebtedness to the sponsors of the event - The Indian Space Research Organization (ISRO) & Kerala State Council for Science, Technology & Environment (KSCSTE) for their financial support. We feel delighted to learn that most of the delegates who attended the conference have expressed their satisfaction about the overall organization of the event. We are optimistic that we would be able to organize such conferences of international standards again in the near future, as we continue our journey towards excellence.

Dr. Varkey Sebastian
Chairman, ICAM 2019

Dr. Joji Kurian
Convener, ICAM 2019

Nirmalagiri

26-07-2019