

SPEAKERS



Dr. Mukundan T.
NPOL
India



Dr. Narayanan T.N.
TIFR
India



Dr. Nirmala Grace A.
VIT University
India



Dr. Pandian K.
University of Madras
India



Dr. Poonam Singh
Arizona State University
USA



Dr. Ponpandian N.
Bharathiar University
India



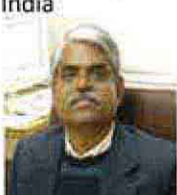
Dr. Pratap Kollu
IIT Bombay
India



Dr. Rajesh S.
Karunya University
India



Dr. Ramachandra Rao M.S.
IIT Madras
India



Dr. Ramaraj R.
Madurai Kamaraj University
India



Dr. Rina Sharma
NPL
India



Dr. Sakthivel S.
ARCI
India



Dr. Saravanan P.
DMRL
India



Dr. Sarma D. D.
IISc.
India



Dr. Sitaram Dash
IGCAR
India



Dr. Subramanian B.
CECRI
India



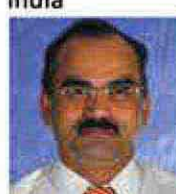
Dr. Sundar C. S.
IGCAR
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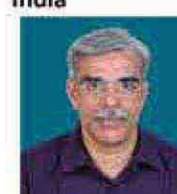
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Dr. Sunil Bhand
BITS Pilani
India



Dr. Suresh Valiyaveettil
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Singapore



Dr. Vijayamohanan K.Pillai
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India

ICNAN'16

IMPORTANT DATES

Submission of Abstract : 15th August 2016
Notification of Acceptance : 30th August 2016
Last Date of Registration : 10th September 2016
Date of Conference : 19th - 21st October 2016

SPONSORSHIP DETAILS

THEME SPONSORSHIP

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REGISTRATION FEE DETAILS

INDIAN DELEGATES

Industry - 9000 INR
Academic/Research Institutes - 7000 INR
Students - 4000 INR

FOREIGN DELEGATES

Delegates - \$500

(REGISTRATION FEE INCLUDES CONFERENCE KIT, LUNCH AND DINNER)

The participants are requested to send the filled registration form to the Convener along with the registration fee by DD in favor of VIT University, Vellore, on or before 10.09.2016. For online registration, please visit our conference web site <http://www.vit.ac.in/icnan2016>

For accommodation kindly contact
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CONTACT DETAILS

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1st International Conference on
Nanoscience and Nanotechnology

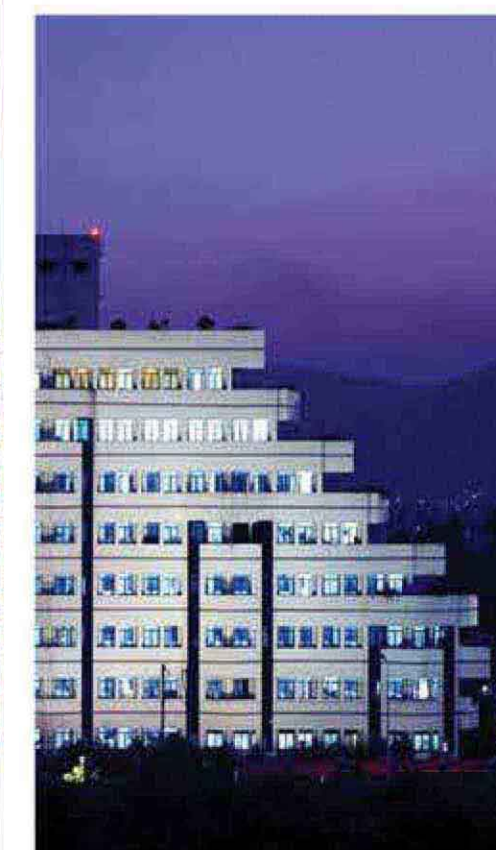
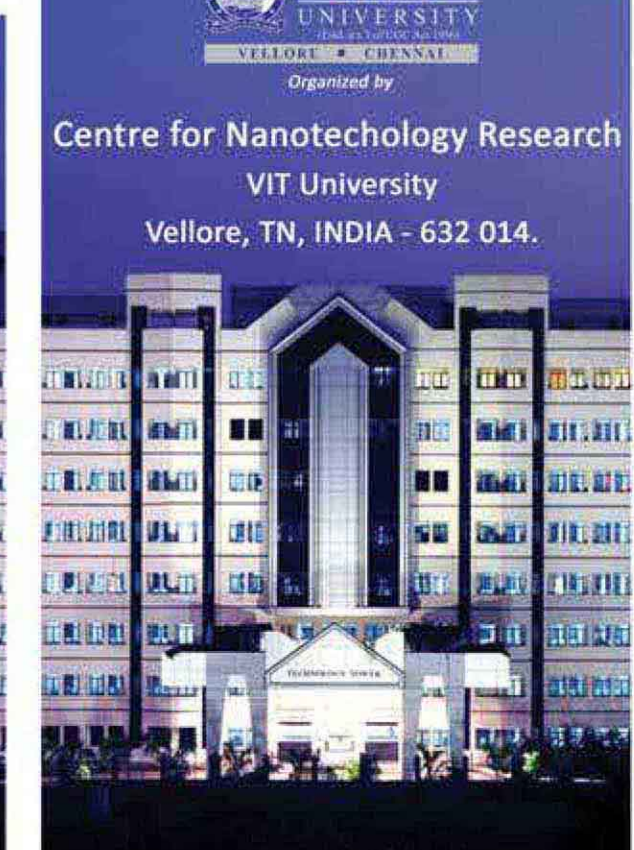
ICNAN'16

1st INTERNATIONAL CONFERENCE ON NANOSCIENCE AND NANOTECHNOLOGY

19th - 21st October, 2016



Centre for Nanotechnology Research
VIT University
Vellore, TN, INDIA - 632 014.



ABOUT VIT

VIT University was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spurs us on in our relentless pursuit of excellence. In fact, it has become a way of life for us. The highly motivated youngsters on the campus are a constant source of pride. Our Memoranda of Understanding with various international universities are our major strength. They provide for an exchange of students and faculty and encourage joint research projects for the mutual benefit of these universities. Many of our students, who pursue their research projects in foreign universities, bring high quality to their work and esteem to India and have done us proud. With steady steps, we continue our march forward.

ABOUT THE CENTRE FOR NANOTECHNOLOGY RESEARCH

The Centre for Nanotechnology Research (CNR) at VIT University, Vellore was established in June 2008 and its faculties are actively engaged in teaching courses for the “M. Tech. Nanotechnology” programme and undertaking research projects for M. Tech. and Ph.D. Scholars. The M. Tech. Nano-technology programme was initiated in 2006 by VIT University, Vellore and the University provided a generous support of about INR 13 million in setting up state-of-the-art nanomaterial characterization and synthesis facilities. The M. Tech. Nanotechnology programme also received financial support of INR 29.4 million from the Department of Science and Technology, Government of India, New Delhi towards further enhancing infrastructure facilities of the nanotechnology laboratory and offering student fellowships and contingency grant for their research projects during the course. The center has received funds from various funding agencies like DST, DRDO, IEEE etc,. Our research is focused on various niche areas of nanoscience and nanotechnology and the faculty members of the center have published more than 100 research articles in International Journals. The centre has recently extended its facilities for external researchers on a consultancy basis.

<http://www.vit.ac.in/research/centers/nanotech>

RESEARCH THRUSTS OF THE CENTRE

- ✦ Graphene and graphene-nanocomposite-based supercapacitors, fuel cells, sensors & environmental applications
- ✦ Patterning & scanning probe based nanolithography for graphene towards device application
- ✦ Semiconducting and metallic quantum-dots for optoelectronic devices
- ✦ Graphene plasmonics - simulation and experimental fabrication
- ✦ Optical interference lithography & thermal effects
- ✦ Modeling and simulation of thermal conductivity enhancements for nanofluids
- ✦ Graphene nanoelectronics: First principle and semi-empirical modeling and simulation of Graphene and Graphene Nano Mesh (GNM) based devices
- ✦ Magnetic nanomaterials and magnetic-nanocomposites for biomedical and catalysis applications

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ABOUT ICNAN’16

International conference on Nanoscience and Nanotechnology 2016 - aims to capitalize on the rapid growing field of Nanoscience and Nanotechnology, drawing in and providing an interdisciplinary forum for scientists, researchers, engineers, technologists and industrialists of this field and to exchange information on the recent developments. The conference covers broad theme on this area to accommodate wide range of interests and to facilitate interdisciplinary collaboration/interaction in both academia and industry. The conference will also provide an ideal environment to develop new collaborations and opportunities to meet the experts working on various areas of Nanoscience and Nanotechnologies. Moreover, ICNAN will provide an international forum for the exchange of technical information through plenary lectures, invited talks, presentations (oral/poster) by researchers and scientists.

THEMES

- ✦ Advanced Inorganic/Organic Nanomaterials
- ✦ Synthesis of Functional Nanomaterials
- ✦ Advanced Characterization Techniques
- ✦ Nanobiomaterials
- ✦ Nanomaterials for Treatment of Environmental Hazards
- ✦ Nanomaterials and Composites for Catalysis and Sensors
- ✦ Nanomaterials for Energy Harvesting, Storage and Conversion
- ✦ Nanoelectronics and Nanophotonics: Modeling, Simulation to Fabrication

CALL FOR PAPERS

The organizers encourage the submission of scientific abstracts for both oral and poster presentations. Abstracts (not more than 300 words) must include Manuscript title, Author(s), Affiliation(s)/contact details, with a clear indication of research work, methodology, major results and conclusions in the following format: Font size -12 points; Type -Times New Roman; Spacing -1.5.Submit your abstract to icnan2016@vit.ac.in.

PROCEEDINGS & PUBLICATIONS

The committee will evaluate the abstracts and will decide whether the paper will be presented as oral or poster, also considering the preference of the authors. All peer-reviewed papers will be published in Scopus indexed journals.

ADVANCED SCIENCE LETTERS (www.aspbs.com/science)

MATERIALS EXPRESS (<http://www.aspbs.com/mex.html>)

JOURNAL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (<http://nopr.niscair.res.handle/123456789/46>)

(The list of other journals will be updated shortly.)

YOUNG RESEARCHER AWARDS

The “Young Researcher Awards” is an initiative with the intention of supporting young researchers (students) in their quest to advance the frontiers of Nanoscience and Nanotechnology. Three best oral and poster presentations in ICNAN’16 will be given a cash award of INR 2000 and a certificate of appreciation.

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