

## Speakers

**Prof. A.K. Ganguli**

Indian Institute of Technology-Delhi & INN-Mohali, India

**Dr. Abijit Saha**

UGC-DAE-CSR-Kolkata, India

**Prof. C. Suryanarayana**

University of Central Florida, USA

**Prof. Hans-Jorg Fecht**

University of Ulm, Germany

**Dr. Joerg Optiz**

FIZP Institute, Germany

**Dr. John Philip**

IGCAR, Kalpakkam, India

**Prof. Kisuk Kang**

Seoul National University, Republic of Korea

**Prof. K. L. Murthy**

North Carolina State University, USA

**Dr. Partha Sarathi Mukherjee**

Indian Institute of Science, Bangalore, India

**Prof. K.V. Ramanujachary**

Rowan University, Glassboro, NJ, USA

**Dr. Samir Iqbal**

University of Texas at Arlington, USA

**Dr. Sanjeeb K Sahoo**

Institute of Life Sciences, Bhubaneswar, India

**Prof. Shihe Yang**

The Hong Kong University of Science & Technology, Hong Kong

**Prof. Sow Chong Haur**

National University of Singapore, Singapore

**Dr. Sri Bandyopadhyay**

University of New South Wales, Australia

**Prof. Subash Jonnalagadda**

Rowan University, Glassboro, NJ, USA

**Prof. Venky Venkatesan**

National University of Singapore, Singapore

**Prof. Venkatram R Mereddy**

University of Minnesota Duluth, USA

**Prof. Wan Azelee Wan Abu Baker**

Universiti Teknologi Malaysia, Malaysia

## About GITAM University

GITAM University is a premier educational Institution in Andhra Pradesh dedicated to the cause of teaching and research of global standards offering programmes in diverse disciplines such as engineering, science, management, pharmacy and medicine. GITAM University is operates in three picturesque campuses at Visakhapatnam, Hyderabad and Bengaluru. All the campuses are situated amidst verdant surroundings, resplendent with natural beauty presenting a picture perfect setting for scholastic pursuits. Recognizing the holistic education the University is imparting, the Ministry of Human Resource Development, Govt. of India, ranked GU as "A" category University among the universities of its kind. The NAAC has accredited the University with 'A' grade. The University Grants Commission accorded 12-B status to the University

Department of Chemistry established in 1996 offers two postgraduate programs apart from doctoral programmes in pure and applied fields of chemistry. To forge and strengthen the industry-academia ties, the department also Laurus labs (Pharmaceutical giant) sponsored five year M.Sc. Integrated program with scholarship. The department has dedicated and qualified faculty having expertise in diverse fields of chemistry. The department has a number of research projects in the filed of hydrogen storage materials, Luminous materials synthesis of bioactive materials, enviromental pollution funded by UGC, DST, CSIR, DAE and Industries like HPCL, Steel Plant, Ministry of Petroleum & Natural Gas etc. Further, the department is covered under DST-FIST program for strengthening infrastructure in Laboratories.

## About Visakhapatnam

Visakhapatnam in Andhra Pradesh, popularly known as Vizag, is a booming industrial city on the east coast of India. It is located on the eastern shore of India nestled among the hill ranges of Eastern Ghats and facing the Bay of Bengal. This beautiful city forms harmonious blends of majestic hills, valleys and golden beaches along the coastline. In addition, there are many historical places near Visakhapatnam which are a delight to the tourists: Araku Valley, Borra Caves, Buddhist Excavations, Bojjana Konda etc.

*for further details*

Conference Co-Chair & Convener  
**Prof. Dr. M. Saratchandra Babu**

Department of Chemistry

GITAM INSTITUTE OF SCIENCE

GITAM UNIVERSITY, Rushikonda, Visakhapatnam

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(For a complete list of prominent speakers  
kindly visit the website  
<http://nanos2015.gitam.edu>)

# INTERNATIONAL CONFERENCE ON NANOSCIENCE, NANOTECHNOLOGY & ADVANCED MATERIALS

14<sup>th</sup> to 17<sup>th</sup> December 2015

NANOS 2015



**GITAM  
UNIVERSITY**

(Estd. U/s 3 of the UGC Act, 1956)

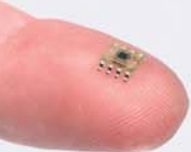
Visakhapatnam-Hyderabad-Bengaluru

Accredited by NAAC with 'A' Grade

**Department of Chemistry  
GITAM INSTITUTE OF SCIENCE**

Rushikonda, Visakhapatnam - 530045 Andhra Pradesh, INDIA





# Nanoscience, Nanotechnology & Advanced Materials

## BACKGROUND

Research in Nanoscience and Nanotechnology emerged as a significant area around the world for its impact on human life. Nanoscience and nanotechnology are a strategic branch of science and engineering, fundamentally restructuring technology, used for manufacturing medicines, defense, energy production, environmental management, transportation, communication, computation, and education. The incessant research in the field encompasses redefining existing methods, exploring the unique properties of materials and manipulation at molecular level for developing new materials. There is still ample room for novel ideas to be explored, exchanged and shared among the scientific community, academia and industry. The conference "NANOS2015" is a move to catalyse the impetuous for the rapidly growing field.

## SCOPE OF THE CONFERENCE

The scope of this conference is to capitalize on immensely growing field of nanoscience and nanotechnology drawing in experts from across international and national academic community as well as industry to bridge the gap between industry and academia. The evolution of chemical nanotechnology has brought chemists working in close collaboration with other scientific and engineering disciplines as well as with materials scientists and industrialists. This conference is an effort towards bringing together such diverse specialists to understand the requirements of multidisciplinary field and work together efficiently.



## THEME OF THE CONFERENCE

- Synthesis & Architecture of Nanomaterials
- Fullerenes, CNTs & Graphene
- Nano composites for Industrial and Defence Applications
- Nanomaterials for Chemical & Catalytic Applications.
- Materials for Energy, Energy storage and Environment Applications.
- Spintronics
- Nanobiotechnology & Nanomedicine
- Advanced Materials (Biomaterials, Composite materials, Magnetic materials, Porous materials etc.)

## CALL FOR ABSTRACTS

Papers on any of the above mentioned themes are invited from experts, faculty, scientists and research scholars. Those interested are requested to submit abstract (not exceeding 500 words on A4 size with 12 font in Times New Roman) to the conference convener, in both hard and soft copy (in a CD) latest by 1st November 2015. Soft copy of abstract must be mailed to nanos2015@gitam.in

## POSTER AWARDS

In order to recognize the best efforts put in by poster presenters, a number of best poster awards sponsored by the Materials Research Society of Singapore will be given.



## IMPORTANT DATES

- ♦ Abstract submission deadline : 01 November, 2015
- ♦ Notification of acceptance date : 15 November, 2015
- ♦ Conference begins : 14 December, 2015

## Registration

Category	Indian	Foreign
Regular	₹ 4000.00	USD 200
Student	₹ 2000.00	USD 100
Accompanying person	₹ 2500.00	USD 150

The delegate fee includes conference proceedings, registration kit and working lunch. Delegate fee can be wired transferred / sent by demand draft drawn in favour of **Convener, NANOS2015, GITAM University** payable at **Visakhapatnam** and post it to Prof. M. Saratchandra Babu, Convener, NANOS2015, Department of Chemistry, GITAM Institute of Science, GITAM University, Rushikonda Campus, Visakhapatnam – 530045. A city tour will be arranged as a part of the hospitality by conference organizers. Registration fee once paid will not be refunded.

## Accommodation

Accommodation will be arranged for all registered participants in nearby hotels on request. The expenses towards accommodation have to be borne by the participants. Delegates interested in booking accommodation may send their request along with an advance payment of ₹ 3000/- per person. This is to ensure confirmed accommodation. Information about the hotels in the Visakhapatnam will be made available on request. Local transportation will be arranged from the place of stay to the conference venue. Please visit our website for more details.

**VENUE:** GITAM University, Rushikonda campus, Visakhapatnam

## SCIENTIFIC COMMITTEE

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**Prof. B.V.R. Chowdari**  
National University of Singapore, Singapore

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**Dr. Anima S Dadich**  
Dept. of Chemistry, GIS, GITAM University

*Conference Co-Chair & Convener*  
**Prof. M. Saratchandra Babu**  
Dept. of Chemistry, GIS, GITAM University

*Conference Co-Convener*  
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