

# INTERNATIONAL WORKSHOP ON ADVANCED FUNCTIONAL NANOMATERIALS – 4<sup>th</sup> Edition (IWAN 4)



22<sup>nd</sup> – 24<sup>th</sup> MARCH, 2017

Sponsored by



Organized by  
**CENTRE FOR NANOSCIENCE & TECHNOLOGY**

in association with  
**CENTRE FOR INTERNATIONAL AFFAIRS & CENTRE FOR TECHNOLOGY DEVELOPMENT AND TRANSFER**  
ANNA UNIVERSITY, CHENNAI – 600 025, INDIA

## CHIEF PATRON

**The Vice Chancellor**  
Anna University, Chennai

## PATRON

**Dr. S. Ganesan**  
Registrar, Anna University, India

## CHAIRMAN

**Dr. S. Sivasenan**  
Dean, A.C.Tech Campus, Anna University, India

## CONVENER

**Prof. Dr. S. Moorthy Babu**  
Director, CNST, Anna University, India

## CO-CONVENER

**Prof. Dr. R. Jayavel**  
Director, Centre for Research, Anna University, India

## ORGANIZING SECRETARY

**Dr. T. Devasena**  
Centre for Nanoscience and Technology, Anna University, India

## ORGANIZING COMMITTEE

**Dr. M. Arivanandhan**

**Dr. G. Geoprincy**

**Dr. M. Mandhakini**

**Mr. R. Selvarajan**

**Dr. E.K.T. Sivakumar**

**Ms. E. Elakkeya**

## INVITED SPEAKERS (TENTATIVE)

**Prof. Ajayan Vinu, University of Queensland, Australia**  
**Prof. An-Ya Lo, National Chin-Yi University of Technology, Taiwan**  
**Dr. Balakrishnamurthy, IIBAT, Chennai, Tamil Nadu, India**  
**Dr. B.V.R. Chowdari, National University of Singapore, Singapore**  
**Dr. F. Joseph Kumar, Redlen Technologies, Canada**  
**Dr. Jibon Podder, Bangladesh University of Engineering and Technology, Bangladesh**  
**Dr. Kadirvelu, DRDO-BU Centre for Life Sciences, Coimbatore, India**  
**Dr. M.S. Kiran, CLRI, Chennai, Tamil Nadu, India**  
**Dr. S Lourdudoss, KTH, Sweden**  
**Dr. Lifeng Liu, International Centre for Nanotechnology, Portugal**  
**Dr. U.S. Mahabaleshwar, Government First Grade College for Women, Hassan, India**  
**Dr. Mahmmoud Sayed Abd El-sadek, South Valley University, Egypt**  
**Dr. M. Paulraj, University of Concepcion, Chile**  
**Dr. Prapun Manyum, Suranaree University of Technology, Thailand**  
**Dr. S. Ramaprabhu, IITM, Chennai, Tamil Nadu, India**  
**Dr. Steve Dunn, Queen Mary University of London, London**  
**Prof. Toshinori Taishi, Shinshu University, Japan**  
**Dr. R.S.Verma, IITM, Chennai, Tamil Nadu, India**  
**Prof. Yasuhiro Hayakawa, RIE, Shizuoka University, Japan**  
**Prof. Yoshihiro Takahasi, Tohoku University, Japan**  
**Dr. Yun-Ming Wang, National Chiao Tung University, Taiwan**  
**Dr. Yusuke Ide, NIMS, Japan**

## ABOUT THE UNIVERSITY

Anna University is the premier institution in India which was formed in 1978 by integrating four technical institutions including College of Engineering Guindy (CEG) Estd.-1794, Alagappa College of Technology (A.C.Tech.) Estd.-1944, Madras Institute of Technology (MIT) Estd.-1957. The University has established collaborative research programmes with several world-class institutions from various countries. It has been providing quality education in Engineering, Technology and Allied Sciences and also nurturing the young minds to achieve intellectual professions.

## ABOUT THE CENTRE

The Centre for Nanoscience and Technology established in 2005 at AC Tech campus has been actively engaged in research and development on various aspects of Nanoscience and Technology with financial support from DST, UGC, CSIR and DRDO. The centre conducts extension activities including an academic programme (M.Tech. in Nanoscience and Technology) and has been periodically organizing workshops, seminars and conferences.

## ABOUT THE WORKSHOP

The International Workshop on Advanced Functional Nanomaterials – 4<sup>th</sup> Edition, 2017 (IWAN-4) is proposed to be organized by the Centre for Nanoscience and Technology, Anna University, during 22<sup>nd</sup> – 24<sup>th</sup> March, 2017. This workshop is in series of the FIWAN 2011, SIWAN 2013 and TIWAN 2015 conducted at Anna University during the years 2011, 2013 and 2015 respectively. The theme emphasizes the significance of materials development, various characteristics and optimism regarding the potential applications of Nanotechnology. This would be a great platform for the interaction of students with reputed scientists and academicians. It also opens up vistas by disseminating the recent research for industrial applications. Further, it pave way for industrialists to innovate modern products, which ease the processing and help for the societal development.

## FOCUSED AREAS

- ☞ *Advanced Nanomaterials*
- ☞ *Semiconductor Nanostructures*
- ☞ *Nanoelectronics*
- ☞ *Nanocomposites*
- ☞ *Nanotoxicology*
- ☞ *Nano Photonics*
- ☞ *Green Nanotechnology*
- ☞ *Nanomechanics*
- ☞ *Nanomedicine*
- ☞ *Nanobiotechnology*
- ☞ *Nano energy materials*
- ☞ *Nano Coatings*

## REGISTRATION

Participants are requested to register in advance. The registration form can be downloaded from the following:-

[http://www.annauniv.edu/CNST/nano\\_index.html](http://www.annauniv.edu/CNST/nano_index.html)

Interested participants may send the registration form along with DD drawn in favor of “**The Director, Centre for Nanoscience and Technology, Anna University, Chennai – 600025**” to the address mentioned below. Researchers who are interested in presenting their work may send one page abstract (IEEE format) to [cnstiwan4@gmail.com](mailto:cnstiwan4@gmail.com) on or before **March 10, 2017**. The selected papers will be published in ISBN coded journal.

### Registration fee

Students / Research Scholars	- Rs. 2000/-
Faculty / Staff	- Rs. 4000/-
Foreign Participants	- USD 400
Accommodation (Dormitory basis)	- Rs. 200/- per day

**Travel assistance will be provided for selected young participants**

Last date for Registration: **15.03.2017**

## ADDRESS FOR COMMUNICATION

**The Organizing Secretary, IWAN 4**  
**Centre for Nanoscience and Technology, Anna University**  
**Chennai - 600 025, India**  
**Phone: 72009 67889**  
**Email: [cnstiwan4@gmail.com](mailto:cnstiwan4@gmail.com)**



**CENTRE FOR NANOSCIENCE & TECHNOLOGY**  
ANNA UNIVERSITY, CHENNAI

**INTERNATIONAL WORKSHOP ON ADVANCED FUNCTIONAL  
NANOMATERIALS – 4<sup>th</sup> Edition  
(IWAN 4)**

**22<sup>nd</sup> – 24<sup>th</sup> MARCH, 2017**

**Registration Form**

Name: \_\_\_\_\_

Age & Sex: \_\_\_\_\_

Qualification: \_\_\_\_\_ Designation: \_\_\_\_\_

Specialization/ Field of Interest: \_\_\_\_\_

Institutional affiliation with postal address: \_\_\_\_\_

\_\_\_\_\_

Telephone/Mobile No.: \_\_\_\_\_ Email: \_\_\_\_\_

Please tick (  ) whichever applicable

I intend to present my work Yes  No

If yes, Title: \_\_\_\_\_

I intend to participate only Yes  No

I require accommodation Yes  No

Amount: \_\_\_\_\_

DD No.\*: \_\_\_\_\_ Date: \_\_\_\_\_

Name of the Bank: \_\_\_\_\_

Signature of the forwarding Authority

*Filled in Registration form with DD should be sent to: The Organizing Secretary, IWAN 4, Centre for Nanoscience and Technology, AC Tech Campus, Anna University, Chennai – 600 025*

*\* DD to be drawn in favour of "The Director, Centre for Nanoscience and Technology, AC Tech Campus, Anna University, Chennai – 600 025" from any Nationalized Bank only.*