

Registration form for ANEC-2023

<https://forms.gle/jZxT18zPX7x8QiP96>

Important Dates:

Abstract

Submission Opens: 26th January, 2023.

Abstract

Submission Closes: 16th February, 2023.

Abstracts Submission:

One page abstract with a maximum of 3-4 references. Font to be in Times New Roman all over the abstract. Title 13pt bold, centered. Authors: Presenting author to be underlined, senior author to be starred (12pt normal); Affiliation: Department name, institute name and address in italics. Abstract to be in single space and have margin of 1 inch (top & bottom); 1.25 inch left & right. Body texts should be followed by figure/schemes if any and then finally by references.

Payment Details

Registration Fee:

Students : 100/-

Scholars : 350/-

Faculty : 500/-

Industry : 750/-

Accommodation : Limited Accommodation available (First come First serve basis)

Payment Details : DD must be drawn in favour of Director, ANEC-2023, payable at ANU campus.

A/c No. 150811010000075

IFSC code UBIN0815080

Send your articles to
anec2023@gmail.com

Chief Patron
Prof. P. RAJASEKHAR
HON'BLE VICE-CHANCELLOR

Patrons
Prof. P. VARAPRASADA MURTY
RECTOR

Prof. B. KARUNA
REGISTRAR

Director
Prof. B. HARI BABU
Head, Dept. of Nanotechnology
Head, Dept. of Chemistry

Treasurer
Dr. M. SYAM SUNDAR

Organizing Committee
Dr. G. GIRIDHAR
Dr. BASAVIAH CHANDU
Dr K BALAMURALI KRISHNA
Dr. A. V. SEKHAR
Dr. N. SHARMILA

Advisory Committee
Prof R V S S S N Ravi Kumar
Prof V Ravi Kumar
Prof Sandhya Cole
Prof Ch Linga Raju
Prof G Nagaraju
Prof D Ramachandran
Dr R Ramesh Raju

UGC SPONSORED
NATIONAL SEMINAR

ON

ADVANCED NANOMATERIALS FOR ENERGY AND CATALYSIS (ANEC-2023)

20th & 21st February, 2023.

Venue:

**Prof. L. Venugopal Reddy Seminar Hall,
Dr. H. H. Deichmann Auditorium, ANU**



Organized by
DEPARTMENT OF NANOTECHNOLOGY
University College of Sciences
ACHARYA NAGARJUNA UNIVERSITY
Nagarjuna Nagar, Guntur - 522 510

Prof. B. Hari Babu
Director, ANEC-2023
Cell: 8500338866

About Acharya Nagarjuna University:

Acharya Nagarjuna University has completed three decades of its existence. It was inaugurated on 11th September 1976 by the former President of India, Sri Fakruddin Ali Ahmed. It was named after Acharya Nagarjuna a famous prophet from this region. It has achieved tremendous progress through quantitative expansion and qualitative improvements on various academic fronts. The research programs carried out in various departments cover both fundamental and applied fields of knowledge. The University was awarded with A grade (3.08 CGPA) by NAAC. It has got NIRF rank of 101 (101-150) for Indian Universities.

The University thus has been balancing the old values with modern developments, so that it has been living up to its motto that everything is established in Truth. **“SATYE SARVAM PRATITISHTITAM”** by presenting an integral vision of education and holistic approach to learning.

About the Department:

The Department of Nanotechnology was established in 2007-2008 academic year and the department offers Integrated M Sc Nanotechnology course to the students with Intermediate qualification (MPC/BiPC). The department was established with a vision to inculcate the research motivation to the students, to encourage them to become good researchers. Many of our students have joined for PhD programs both in India and Abroad. Around 40 students were pursuing/completed their PhD. from foreign universities and 20 students from Indian Universities. The students are encouraged to take up summer research projects and almost 50 students have completed their summer internships through Indian Academy of Sciences. The Department has published about 100 research articles in various National and International journals of repute. Besides, the faculty members have published Books, Book Chapters, Patents, presented several papers in various seminars and conferences of both National and International level. The Department has conducted several seminars, workshops and conferences.

Objective of the Seminar

Nano science is the study of phenomena and manipulation of materials at atomic, molecular and macromolecular scales, in order to understand and exploit properties that differ significantly from those on a larger scale. The convergence of scientific disciplines (chemistry, biology, electronics, physics, engineering etc.) is leading to a multiplication of applications in materials. This conference aims to dissipate the knowledge in the fabrication of novel systems for energy, electrocatalysis for CO₂ conversion and other catalysis applications.

Even though extensive research is happening in this field, the practical implementation and cost effectiveness protocols for the efficient materials to harvest energy, to apply in catalysis of various processes and CO₂ conversion are very essential. Through this seminar we try to motivate those who want to look for why-what-how in the field of nanotechnology, mainly for energy and environmental applications. In addition to the key note lectures by experts, the oral and poster presentations by scholars will be based on the theme, which not only exposes the student's enthusiasm, but also will uncover vast area of research happening in this field to the gathering.

Topics to be covered and Abstracts offered

- ✓ **Nanomaterials for catalytic applications,**
- ✓ **Nanomaterials for energy applications**
- ✓ **Nanomaterials for CO₂ reduction applications**
- ✓ **Green Chemistry synthesis methods**
- ✓ **Nanomaterials synthesis methods**
- ✓ **Nanomaterials characterization techniques**
- ✓ **Nanocomposites**
- ✓ **Nanobiomaterials**

Tentative Speakers

1. **Prof. A SUBRAMANIA**
Head,
Nanotechnology, PCU, Puducherry.
2. **Dr. V. RAVI BABU**
Senior Scientist, CSIR-Central Electrochemical Research Institute, Karaikudi, Tamilnad.
3. **Dr. BALAKRISHNA ISLAVATH**
Deputy Director, SAMEER, Centre for Electromagnets, Chennai
4. **Dr. K SURESH BABU**
Principal Scientist,
Indian Institute of Chemical Technology, Hyderabad.
5. **Dr. M. MALLIKARJUNA**
SRM University, Amaravathi, Andhra Pradesh.
6. **Dr. S. D. RAMA RAO**
VIT University, Amaravathi, Andhra Pradesh.
7. **Dr. P. SRIKANTH**
University of Exeter, UK.
8. **Dr. NIMAI MISHRA**
Institute of Chemical Technology, Bhubaneswar, Odisha.
9. **Dr. ANANDARUP GOSWAMI**
Vignan's Foundation of Science.
10. **Dr. P. NAGABABU**
Principle Scientist, CSIR-NEERI, Nagpur.
11. **Dr. L. GIRIBABU**
Sr. Principle Scientist, CSIR-IICT, Hyderabad.

Paper Presentation

We invite abstracts for ORAL presentation

Oral Presentation : 7-10 slides (10 min)

Send your articles to
anec2023@gmail.com

Registration

<https://forms.gle/jZxT18zPX7x8QiP96>