



NATIONAL CONFERENCE ON ADVANCES IN CHEMISTRY AND CHEMICAL ENGINEERING

(NCACACE-21)

(On the eve of Superannuation of Prof. M. Thirumala Chary)

JANUARY 28 & 29, 2021

Organized by

Department of Chemistry,
JNTUH College of Engineering, Kukatpally, Hyderabad (T.S.).

JNTUH College of Engineering:

The College was established as Nagarjuna Sagar Engineering College in 1965 by the Government of Telangana. When the college was under the administrative control of the Department of Technical Education, it was affiliated to Osmania University, Hyderabad. With the formation of Jawaharlal Nehru Technological University on 2nd October 1972, it became a constituent college of the University and was later renamed as JNTU College of Engineering, Hyderabad. From its inception in 1965 to 1984, the College was located at Masab Tank Campus. In 1984, the College was shifted to its permanent location at Kukatpally, a 100 acres site, about 20 km from the heart of the City, on Bombay National Highway (NH-9).

Department of Chemistry:

The Department of Chemistry was established at the inception of the Nagarjuna Sagar Engineering College in 1965, which was later made into the constituent college of the newly formed Jawaharlal Nehru Technological University in 1972. Later, JNTU was carved out as a new University, Jawaharlal Nehru Technological University Hyderabad, during 2008. Then, the Department of Chemistry has become one of the important science departments of the autonomous college, JNTUHCEH.

The department also has dedicated and enthusiastic group of faculty members involved in research activities at the Ph.D level. The areas include Synthetic Organic Chemistry, Spectroscopy, Inorganic Metal-Complexes, Analytical Chemistry and Natural Products of Biological importance. The department has grants from CSIR, UGC. The Department of Chemistry stood as one of the highly prolific institutions carrying research in organic chemistry from 2004-2014 among 867 institutions of India, according to a survey conducted by the Current Science Journal in its September, 2015 volume.

Objectives of the Programme:

Although the alchemists could not make gold, they discovered many things in search of gold. Chemistry is a vast and versatile subject which encompasses almost all areas of other disciplines such as biology, medicine, physics, engineering and biotechnology. It has led to the emergence of many novel sub-areas of research and development.

- NCACACE-20 aims to bring together leading academicians, scientists, researchers, engineers, manufacturers, practitioners from all over the INDIA in the above mentioned fields to share, discuss, and exchange their experiences and research findings about all aspects of Chemical Sciences and Chemical Engineering Applications.
- It also provides the premier interdisciplinary forum to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of Chemical Sciences and Chemical Engineering Applications.

Topics of the Programme:

- New Synthetic Approaches and Reagents
- Green Chemistry & catalysis
- Drug Design & Development
- Natural Products & Heterocycles
- Organic Synthesis
- Pharmaceutical Chemistry
- Chemical Reaction Engineering
- Analytical & Separation Chemistry
- Spectroscopy & Modern Analytical Techniques
- Sustainable Chemistry, Chemical & Hazardous Waste Management
- Chemical Engineering Trends & Techniques

For more details contact: the Co-Ordinator, NCACACE-21





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Who Should Attend:

The programme is open to faculty of AICTE & UGC approved institutions and Research scholars and PG Students of Chemistry and Chemical Engineering and other allied disciplines in India.

Resource Persons:

Academicians from IITs / NITs / IIITs/Central Universities/Universities/Engineering Institutions in concerned field are invited to deliver lectures in the programme. Speakers from industries are also expecting to deliver as part of the course.

Registration Fee & Other Details:

Registration is allowed from Department of Chemistry, JNTUH WhatsApp group and its email only which is mentioned below. Course Registration is Rs. 500=00 for all participants. Seats are limited and selection is based on the first- come-first-service and as per the guidelines of the conference.

The Mode of conference is online and E-certificate will be provided by Department of Chemistry, JNTUH College of Engineering to those participants with minimum 80% attendance and minimum 60% marks for the presentations in the conference.

Registration Link:

For registration join our WhatsApp group using the below link:
<https://chat.whatsapp.com/CTNCJGcfalS9wnwgcfbngP>

Call for Abstracts:

Abstracts of original and unpublished work on any/all aspects of above specified topics are invited for oral and poster presentations. Participants can submit their abstracts in MS WORD format in Times New Roman font with size 12 pt. And line spacing 1.5, restricted to 300 words via e-mail. The name(s), and address(es) should follow the title of the abstract. Please mention the email ID of principal author of the Abstract. The principal author should be marked with an asterisk (*) and the author who would be presenting the paper should be underlined.

Last Date for Abstract Submission: 10th January, 2021.

Chief Patron

Sri. Jayesh Ranjan, IAS,
In-charge Vice Chancellor, JNTUH

Patrons

Prof. A. Govardhan, Rector, JNTUH
Prof. M. Manzoor Hussain, Registrar, JNTUH

Chairman

Prof. B. N. Bhandari, Principal, JNTUH College of Engineering

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Director of Admissions, JNTUH

Co-Chairman

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Engineering

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Chemistry, JNTUH

Co-Convener

Prof. S. Devaki Rani, Head, Dept. of Chemical Engineering,
JNTUH

Coordinators

Dr. T. Sabithakala, Asst. Prof. of Chemistry
Dr. P. Aparna, Asst. Prof. of Chemistry, JNTUH.

Members of Organizing Committee

Prof. M. Thirumala Chary, Prof. of Chemistry
Prof. A. Jayashree, Prof. of Chemistry
Dr. B. Satyanarayana, Asst. Prof. of Chemistry
Dr. K. Vidya, Asst. Prof. of Chemistry
Dr. T. Ashok Kumar, Asst. Prof. of Chemistry

For further details contact:

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Important Dates:

Last Date of Registration: 15th January, 2021.
Intimation Date: 20th January, 2021.
(Note: Early intimation can be sent on request)
Event Date: 28th - 29th January 2021.

Send your abstracts to ncacace2021@gmail.com





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Speakers of the sessions



Prof. Vedula Rajeswar Rao,
NIT Warangal

Topic: Recent Developments of MCR's in Topic:
Organic Synthesis.



**Prof. Nandkishore, IIT
Bombay**



Dr. Pratap Reddy Maddigapu,
Scientist, CSIR-NEERI,
Nagpur

Topic: Materials for Various Environmental
Applications (Surface Plasmon Resonance-
Photocatalysis)



Prof. N. Rajesh,
BITS Pilani - Hyderabad

Topic: Sustainable Solutions for
Environmental Remediation



Dr. M. Sridhar,
Senior Principal Scientist,
IICT - Hyderabad

Topic: Innovative Science and
Technology for mitigation of CoVid-19



Prof. D. Ashok,
Osmania University,
Hyderabad

Topic: Advanced Green Chemistry
methods in Organic Synthesis

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