

# Young Engineers' Conclave

Towards Futuristic and Responsible Technologies

## YEC 2023



Organised by  
**Jawaharlal Nehru Technological University-Hyderabad**  
(JNTU-H)

Jointly



National Academy of Sciences, India (NASI) Hyderabad Chapter  
and  
Academy for Science, Technology & Communication (ASTC), Hyderabad

**Date: 10th -11th April, 2023**

Venue

**JN Auditorium, JNTU-Hyderabad**

Kukatpally, Hyderabad -500 046



## Jawaharlal Nehru Technological University, Hyderabad:

Jawaharlal Nehru Technological University, Hyderabad was established on October 2, 1972, as the first Technological University in the country. JNTUH is one of the leading Technological Universities in the country accredited by NAAC with A grade and acquired 62 NIRF ranking in Engineering Category. JNTUH is situated in hundred-acre campus at Kukatpally, Hyderabad. It has 5 University Engineering Colleges located at Hyderabad, Gagital (accredited by NAAC with A+ grade), Manthani, Sultanpur and RajannaSircilla. JNTUH has 42 affiliated autonomous Colleges and 217 affiliated Colleges spread all over the Telangana State.

Building on its repute of offering technical education the University has launched a University wide innovation initiative, JNTUH Innovation Hub (J-HUB). It is an exclusive platform for innovation challenges experiential and collaborative learning game changing linkages and a congenial space for startup dreams.

# Young Engineers' Conclave

## Towards Futuristic and Responsible Technologies

**YEC**  
10th -11th April  
**2023**

**Y**oung Engineers' Conclave is a unique platform for presentations of advances and research outcomes in various fields of engineering and technology. Deep tech startups are invited to showcase their products/solutions.

### Themes of the Conclave:

Authors are invited to submit their abstracts and the Shortlisted abstracts shall be invited for oral presentation at the conclave / poster demonstration in the exhibit area. Due weightage shall be given for works which are of interdisciplinary nature and potential of futuristic and responsible technologies.

**The topics for abstract submission shall include all areas of Engineering but or not limited to the following.**

- Clean Energy/ Environmental Sustainability
- Climate Change/ Earthquake Engg. /Marine / Ocean Technology
- Artificial Intelligence / Cyber Security /Digital Future /Machine learning
- Agriculture and Rural Development
- Health/Biological sciences
- Advanced materials / Defence Technologies
- Aerospace Engineering
- Electronics System
- Startups/ Entrepreneurship
- Infrastructural Engineering
- **Deep tech startups** are also invited to showcase their solutions to real world problems.

### Eligibility Criteria

**Any citizen of India not older than 35 years as on 1st January 2023 and studying / holding a first degree in Engineering /**

## National Academy of Sciences India (NASI) - Hyderabad Chapter:

The idea of establishing a forum for scientists to discuss and find scientific solutions to the problems of India, was mooted by Prof. Meghnad Saha, a great scientist and patriot. Thus, the National Academy of Sciences, India (initially called "The Academy of Sciences of United Provinces of Agra and Oudh") was founded in the year 1930. The chapter at Hyderabad is led by Dr. Ch. Mohan Rao (former Director, CCMB and CSIR-Distinguished Scientist) as its Chairman, along with Dr. Subeer S Mazumdar (Former Director, NIAB) as its secretary. The Hyderabad chapter of NASI has been conducting many activities over the years.



## Academy for Science, Technology & Communication (ASTC), Hyderabad

The "Academy for Science, Technology and Communication (ASTC)" is a unique forum for scientific community to discuss matters of current interest, to cater to the needs of academia and industry. ASTC provides an opportunity to interact with its vibrant academic and research programs such as seminars, symposia, workshops and panel discussions. Since inception in the year 2004, all its Scientific programs, were being guided by the Scientific Advisory Committee (SAC), headed by eminent personalities namely-Dr. B. G. Sidharth, B.M Birla Science Centre Dr. K. V. Raghavan Chairman RAC, DRDO; Dr. G. Sundararajan, Director, ARCI; and presently Dr. Ch. Mohan Rao, Former Director



## Young Engineers' Conclave Towards Futuristic and Responsible Technologies

### Chief Patron

#### Prof. Katta Narasimha Reddy

Vice-Chancellor, Jawaharlal Nehru Technological University (JNTUH)

#### Dr. Ch. Mohan Rao

Former Director, CCMB, Chairman, NASI-Hyderabad Chapter & Chairman-SAC, ASTC

#### Dr. B.V.R Mohan Reddy,

Executive Chairman of Cyient Technologies

### Advisory Committee:

Dr. Srivari Chandrasekhar, Secretary DST.

Dr. V. Chandrasekhar, Director TIFR.

Dr. Prakash Chauhan, Director, NRSC.

Prof. P.Appa Rao, Former V.C., UoH.

Dr. Anurag Kumar, Chairman and Managing Director, ECIL.

Dr. B.SesiKeran, Former Director, NIN.

Dr. Komal Kapoor, Chairman and Chief Executive, NFC.

Prof. A.Goverdhan, Rector, JNTU-H.

Prof. M. Manzoor Hussain, Registrar, JNTU-H.

Dr. Prakash Kumar, Director, NGRI.

Dr. P.V.Radhadevi, Director, ADRIN.

Dr. K.Srinivas Reddy, Director, IICT.

### Organizing Secretaries:

Prof. Vijaya Kumari, Director, J-Hub, JNTUH

Dr. Subeer Mujumdar, Secretary NASI- Hyderabad Chapter

Sri. C. L. Narasimha Rao, Convenor - ASTC, Hyderabad  
email: astc.academy@gmail.com

## Call for papers

Original research papers with Interdisciplinary and Innovative nature, in all fields of engineering from researchers in academia, industry and R & D organizations and tech based startups solutions are invited. Papers for oral presentation or Poster will be decided on the basis of the decision of the Editorial Committee.

## Important Dates

Dates of Young Engineers' Conclave:  
**10th -11th April, 2023**

Abstract registration last dead line:  
**15th March 2023**

Acceptance notification of Abstract:  
**25th March 2023**

## Authors Guidelines - Abstracts Submission

- Prospective authors are requested to submit an abstract of their original work to Young Engineers' Conclave
- The abstract should be written in about 300 words.
- It should be self-contained and accurately summarize the content of the paper.
- Use 12 points Times New Roman for the main text and smaller fonts for figure captions.
- Title, author's names, and affiliations should be centered.
- Insert one blank line between the affiliations and the main text.
- Main text should be fully justified with a single spacing.
- Use bold face with bigger fonts for title but not for authors, affiliations, and the main text.
- Please underline the presenting author.

## Registration:

**Registration For Participation / Oral / Poster Presentation in the conference.  
No SPOT Registration.**

■ UG./P.G./ Research Scholars - only Participation	: Rs.1000/-
■ Oral/Poster Presentation (Each)	: Rs.1000/-
■ Academicians/Faculty/Start-Ups	: Rs.3000/-
■ Industries and Govt. Establishments	: Rs.5000/-

## Certificate:

**e-certificate shall be issued to all the participants**

**Link: [YEC.jntuh.ac.in](http://YEC.jntuh.ac.in)**

## Exhibition and Sponsorship:

An exhibition will be organized concurrently with the conference.  
The Startups/ industries showcase their Demonstrations/products/ equipment.

## Tariff:

1. Full page Advertisement in Colour/Stall near Venue /10 minutes presentation : **Rs.50,000/-**
2. Full page Advertisement in B/W / Stall near venue /5 minutes presentation : **Rs.40,000/-**
3. Half page Advertisement in Colour / stall near venue /5 minutes presentation : **Rs.30,000/-**
4. Half page Advertisement in B/W / stall near venue : **Rs.20,000/-**

Two delegates from sponsors are invited to participate in the Two-Day Conclave.

**Contact:** [contactyec2023@gmail.com](mailto:contactyec2023@gmail.com)