



# FUSION2K26

**24-25, MARCH 2026**

**'Driving Sustainable Transformation Through AI-Enabled Chemical Engineering'**

**A National Level Technical Symposium For Under Graduate Students of Engineering and Pharmacy.**



**Organised by**

**Indian Institute of Chemical Engineers (IICChE)  
Student Chapter**

**Department of Chemical Engineering (NBA  
Accredited)**

**JNTUA College of Engineering Ananthapuramu-  
515002(A.P.), INDIA.**

**A Constituent Unit of JNTU Anantapur (A.P.)**

## ABOUT THE COLLEGE:

JNTUA College of Engineering, Anantapur, located in Ananthapuramu, is one of the oldest and most prestigious engineering institutions in South India with a strong and distinguished alumni network. The college celebrated its Diamond Jubilee in 2006 and 75 years of academic excellence in 2021, reflecting its long tradition of quality education and technological advancement. In 2008, the college became a constituent institution of Jawaharlal Nehru Technological University Anantapur after the establishment of the university.

Ananthapuramu is well connected by rail and road to major metropolitan cities such as Hyderabad, Bengaluru, Chennai, and Mumbai. The region is also close to well-known tourist destinations including Lepakshi Temple, Hampi, Belum Caves, and Puttaparthi, making it a place of both educational and cultural significance.

## ABOUT THE DEPARTMENT

The Department of Chemical Engineering, established in 1989, offers Undergraduate, Postgraduate, and Ph.D. programs. The department has an active IICChE Students' Chapter, which regularly organizes various academic and technical activities for chemical engineering students. The chapter has received the **"Best Students' Chapter Award" in 2007** and the **"Second Best Students' Chapter Award" in 2006 and 2008** from the Indian Institute of Chemical Engineers (IICChE), Kolkata. The department is continuously accredited by the National Board of Accreditation (NBA), reflecting its commitment to maintaining high academic standards. With highly qualified and experienced faculty, the department provides quality education supported by excellent infrastructure and well-equipped laboratories, which are continuously being upgraded to enhance learning, research, and innovation in the field of Chemical Engineering.

## ABOUT IICChE

Established on 18 May 1947, the Indian Institute of Chemical Engineers (IICChE) has evolved into the premier professional body for chemical engineers in India. Headquartered at the Dr. Hira Lal Roy Building in Jadavpur, Kolkata, the Institute boasts a robust network of approximately 30,000 members, 48 Regional Centres, and over 190 Student Chapters nationwide. Recognized as a Scientific and Industrial Research Organization (SIRO) by the Government of India, IICChE serves as a cornerstone for academic excellence and industrial research through its flagship events, CHEMCON and SCHEMCON.

## ABOUT FUSION

FUSION is a prestigious National Level Technical Symposium organized annually by the Department of Chemical Engineering since 1999. Over the years, it has grown into a vibrant platform that brings together students, academicians, researchers, and industry professionals from across the country to exchange knowledge, share innovative ideas, and engage with emerging developments in the field of Chemical Engineering.

Continuing this proud tradition, FUSION2K26 aims to promote academic excellence and technological innovation through a series of invited expert lectures, technical sessions, and engaging student activities. The symposium provides an opportunity for participants to interact with eminent experts, explore new research directions, and enhance their understanding of modern chemical engineering practices, particularly in areas driving sustainable and technology-enabled transformation.

As part of this event, a Souvenir will be published highlighting recent advancements and insights in various domains of Chemical Engineering. This souvenir will serve as a valuable reference for participants and provide an excellent platform for organizations to showcase their products, services, and innovations. Advertisements in the souvenir will gain wide visibility among a diverse national audience of future engineers, academicians, and industry leaders, making it a meaningful opportunity for organizations to connect with the next generation of chemical engineering professionals.

## TECHNICAL SESSIONS

**Technical Sessions of FUSION 2K26** provide a platform for undergraduate students of Engineering, Pharmacy, and related fields to present innovative ideas and research, while interacting with academicians and industry experts.

1. Environment Monitoring & Pollution Control
2. Bio Process / Bio Chemical Engineering
3. Green Chemistry & Sustainable Pharmaceutical Processing
4. Industrial Applications of HAZOP Studies
5. Fuel Cells and Sustainable Energy Practices
6. Nanotechnology
7. Separation Processes
8. Circular Economy & Waste -to- Resources System
9. Applications of Quantum Mechanics
10. Applications of AI / ML.

Participants may also choose other relevant topics, provided that relate to themes of Energy, Sustainability, Chemical Engineering, Pharmaceutical Engineering, Artificial Intelligence, Safety, Thermodynamics, Heat Transfer, and Process Modelling & Simulation.

***This event aims to promote interdisciplinary innovation and collaboration across engineering and science domains.***

#### **Call for Oral / Poster Presentation:**

Authors are requested to mail their abstract before Due Date to [fusion2k26chemicaljntuacea@gmail.com](mailto:fusion2k26chemicaljntuacea@gmail.com)

#### **Submission Guidelines**

1. Abstract should not exceed 200 words.
2. The title should be in 14 pt bold format, and the remaining text should be in Times New Roman with 12 pt font size and single line spacing. Authors should include a maximum of 6 keywords for the abstract.
3. Selected Participants must submit the full paper before the Due Date.
4. Poster presentations must be prepared in A1 size dimensions. (Limited to two A1 sheets)
5. Participants for Art Work must bring their own drawing Sheet along with Drawing materials such as pencils, sketch pens, colour pencils, crayons, brushes.

 Best two Performance from each event will be awarded.

#### **IMPORTANT DATES**

- **Last Date for Abstract Submission:**  
19<sup>th</sup> March 2026
- **Intimation of Acceptance for Oral/Poster presentation:**  
20<sup>th</sup> March 2026
- **Last Date for Full Paper Submission & Registration for Oral/Paper presentation:**  
21<sup>th</sup> March 2026

#### **Registration Fee:**

Students can register for FUSION 2K26 by filling out the online registration form and paying a registration fee of ₹300 through online payment by scanning the QR code or Registration link provided. For oral and poster presentations please register after receiving confirmation from the organisers.

Link for Registration:

<https://linktr.ee/fusion2k26chemicaljntuacea>

QR Code for Registration:



For all the queries, kindly contact us at

**Email:** [fusion2k26chemicaljntuacea@gmail.com](mailto:fusion2k26chemicaljntuacea@gmail.com)

*Mr K. Venkatesh III UG, Phone 81069 43259*

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#### **Souvenir Advertisement Tariff**

Organizations and industries are invited to advertise in the **FUSION2K26 Souvenir**, which will be circulated among participants, academicians, and industry professionals from across the country.

#### **Tariff Details:**

Outside Back Cover – ₹20,000  
Inside Colour Page – ₹8,000  
Full Page – ₹5,000  
Half Page – ₹3,000  
Quarter Page – ₹1,500  
Banner Display – ₹1,000