Anusandhan National Research Foundation

International Conference
On
Advanced Materials, Sustainable Energy, Healthcare and Artificial Intelligence
(ASHA 2027)

18-20 February 2027

National Institute of Technology Andhra Pradesh, Tadepalligudem, Andhra Pradesh, India - 534101

Organized by NIT Andhra Pradesh with support of Anusandhan National Research Foundation (ANRF) & Indian Institute of Chemical Engineers (IICHE)

Last Date for Registration - 31/01/2027



Advanced Materials | Sustainable Energy | Healthcare | Artificial Intelligence

About NIT Andhra Pradesh

National Institute of Technology Andhra Pradesh (NIT Andhra Pradesh), established in 2015, is **an Institute of National Importance** under the **Ministry of Education**, Government of India, and the 31st and youngest NIT in the country. The Institute offers B.Tech., M.Tech., and Ph.D. programs and operates from its 172.6-acre permanent campus at Tadepalligudem, located along the Chennai-Kolkata Highway (NH-16). Since January 2020, the Institute has been functioning fully from this campus, which provides academic, research, residential, and student-support facilities and is well connected by road, rail, and air. NIT Andhra Pradesh aims to nurture competent engineers, scientists, and entrepreneurs through quality education, multidisciplinary research, innovation, entrepreneurship, and strong industry-institute interaction, while contributing to the technological and sustainable development needs of the nation.



About Chemical Engineering Department

The **Department of Chemical Engineering at NIT Andhra Pradesh**, established in **2015-16**, offers **B.Tech., M.Tech. and Ph.D. programmes** with a focus on high-quality education, updated curricula, research-oriented electives and strong industry relevance. The Department encourages students to participate in conferences, seminars, workshops and symposia, while steadily expanding its industrial collaborations, research projects, publications and faculty achievements. Its academic and research activities aim to prepare students to solve complex problems in chemical and allied engineering, support innovation and entrepreneurship, strengthen industry-institute interaction and contribute to sustainable development.

About the Conference

The **International Conference on Advanced Materials, Sustainable Energy, Healthcare and Artificial Intelligence-ASHA 2027** is proposed to be held at **NIT Andhra Pradesh from 18-20 February 2027**, with support from ANRF and IIChE Amaravati Regional Center. The conference will bring together academicians, scientists, research scholars, students, R&D professionals, and industry participants to discuss recent developments across these interconnected fields. The three-day programme will include **keynote and invited lectures, oral and poster presentations, dedicated student and research-scholar sessions, and academia-industry interaction**, while encouraging knowledge exchange, research collaborations and discussion on emerging technological challenges and applications.

Objectives

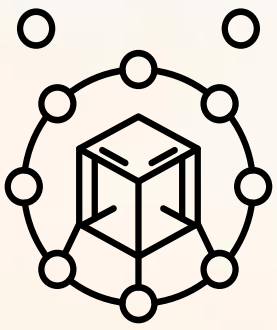
- To disseminate recent advances and emerging developments in advanced materials, sustainable energy, healthcare, and artificial intelligence.
- To facilitate exchange of knowledge among academicians, scientists, R&D organizations and industry professionals.
- To provide opportunities for academicians, research scholars and students to present their research and interact with eminent experts.
- To encourage national and international research collaborations and strengthen academia-industry linkages.
- To identify emerging scientific challenges, research priorities and future technological directions.

Keynote Lectures | **Invited Talks** | **Oral Presentations** | **Poster Sessions** | **Student & Research Scholar Sessions** | **Academia–Industry Interaction**

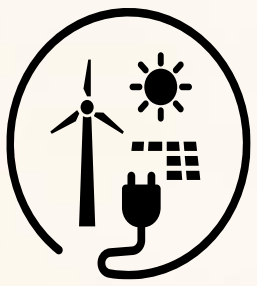
Abstract Submission

- A4 | Times New Roman | Title: 14 pt Bold | Text: 12 pt | Maximum 250 words
- Include: Title, Author(s), Affiliation(s) & Email
- Submission Deadline: 15/01/2027
- Submission Email: asha2027@nitandhra.ac.in

Conference Themes



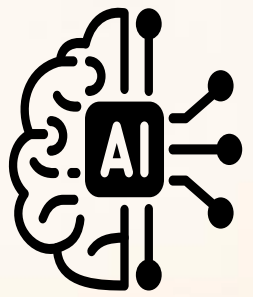
Advanced Materials



Sustainable Energy



Healthcare



Artificial Intelligence

Keynote Speakers

- Prof. Ingolf, IKTS Hermsdorf, Germany
- Prof. Adrián M.T. Silva, Porto University, Portugal
- Dr. Estelle Couallier, CNRS Researcher, France.
- Prof. Chandra Shekhar Sharma, IIT Hyderabad
- Prof. Sudarshan Kumar, IIT Bombay
- Prof. K. Srinivas Reddy, IIT Madras
- Prof. Shanmugam Dhinakaran, IIT Indore
- Prof. S. Srinivas Rao, NIT Warangal
- Prof. K. Venkatasubbaiah, IIT Hyderabad
- Prof. Uday Shanker Dixit, IIT Guwahati
- Prof. Sonawane Shirsh Hari, NIT Warangal
- Prof. Arthanareswaran, NIT Tiruchirappalli
- Prof. Raj Mohan B, NITK Surathkal
- Dr. J Anand Kumar, NIT Raipur
- Dr. Swatantra Pratap Singh, IIT Bombay
- Dr. S. Sridhar, CSIR-IICT, Hyderabad
- Mr. Swachacha Majumdar, CSIR-CGCRI
- Prof. Maunendra Sankar Desalagar, IIT Hyderabad
- Prof. Bhim Singh, IIT Delhi
- Prof. Sandeep Kumar, IIT Delhi
- Prof. Vineet Balasubramanian, IIT Hyderabad
- Prof. Pugazhenthi, IIT Guwahati
- Dr. Srijith P.K., IIT Hyderabad

Special Issue



Journal Rank: Q1 | Impact Factor: 4.2
SCI & Scopus Indexed

More Q1 and Q2 Journal Special Issues to Be Announced...

Registration Details

Category	Early Bird Registration (Indians/ Foreigners) (INR)	Regular/Spot Registration (Indians/ Foreigners) (INR)
Industry Participants	3000	5000
Academic Faculty / Scientists (Universities, R&D Organizations)	2500	3500
Research Scholars/Students	1500	2000

Registration Fee Includes

- ✓ Registration || Access to All the Technical Sessions || Conference Goodies
- ✓ Lunch & refreshments || Attendance & Participation certificate

Bank Details

- ✓ Account Name: Director, NIT Andhra Pradesh || Account No: 40377943211 || IFSC: SBIN0016305 || Branch: SBI, Satyavathi Nagar Branch, Tadepalligudem

Chief Patron

- **Prof. N.V. Ramana Rao,**
  Director, NIT Andhra Pradesh

Convener

- **Dr. Vinoth Kumar Raja**
  Assistant Professor & Head
  Dept. of Chemical Engineering
  NIT Andhra Pradesh

Conference Advisory Committee

- Prof. Chandra Shekhar Sharma, IITH
- Dr.Sankha Karmakar, IITM
- Prof. Thamida Sunil Kumar, IITT
- Prof. Swatantra P. Singh, IITB
- Prof. Anupam Shukla, IITD
- Dr. Deepu J Babu, IITH
- Prof. Bhim Charan Meikap, IITKGP
- Dr. Bijay P. Tripathi, IITD
- Dr. Raj Mohan B, NITK

Scholars & Staff team

- Dr. S. L. Sandhya Rani
- Ms. Velaga Manasa
- Mr. Kalintha Chinni Babu
- Ms. Mansi Chundawat
- Ms. Sujitha Kabilan
- Ms. Gayatri Rao Gudiwada
- Mr. Hemanth Poluparthi
- Mr. P. Sarath Babu

Organizing Secretary

- **Prof. G. Ravi Kiran Sastry**
  Dean (R&D), NIT Andhra Pradesh

Coordinators

- **Dr. Vuddanti Sandeep**
  Dean (P&D), NIT Andhra Pradesh

- **Dr. Nagesh Bhattu Sristy**
  Assistant Professor & Head
  Dept. of CSE, NIT Andhra Pradesh

Organizing Committee
(NIT Andhra Pradesh)

- Dr. P. Dinesh Sankar Reddy
- Dr. Tejavathu Ramesh
- Dr. Srikanth Allamsetty
- Dr. Sandeep Vunddanti
- Dr. J. Krishnamurthy
- Dr. Srilatha Chebrolu
- Dr. Himabindu Kommanti
- Dr. G. Santhosh Kumar
- Dr. Kiran Teeparthi
- Dr. Santosh Kumar Behara
- Dr. V. Sudarshana Deepa
- Dr. S. H. Mahadevegowda
- Dr. Sri Phanikrishna Karri
- Dr. Raffi Mohammed
- Dr. Amarendar Reddy
- Dr. Veeresh Kumar GB
- Dr. Kuldeep Roy,
- Dr. Sushanta Kumar Behera

Accommodation

Accommodation for registered participants will be arranged on request, subject to availability. Limited accommodation is available in NIT AP Guest House and hostels for students. Participants are encouraged to send their accommodation requests well in advance.

Note: Accommodation charges are to be borne by the participants.



Athidhi Guest House



Students/Scholars Hostel

How to reach us

✈️ **BY AIR:** Rajahmundry Airport (RJA), approximately 50–65 km from NIT Andhra Pradesh. Vijayawada International Airport (VGA) Approximately 96–110 km from NIT Andhra Pradesh.

🚆 **BY RAIL:** Tadepalligudem Railway Station (TDD) Approximately 4–4.3 km from the institute. Local auto-rickshaws, taxis, and other transport options are available to reach the campus. Rajahmundry Railway Station is an alternative major railway station, approximately 44–46 km from the institute.

🚌 **BY ROAD:** NIT Andhra Pradesh is accessible by road via the Rajamahendravaram–Eluru Highway (NH 216A). From Vijayawada: Approximately 50–96 km. From Rajahmundry (Rajamahendravaram): Approximately 45–60 km. Local buses, auto-rickshaws, and taxis are available from Tadepalligudem town and railway station to reach the campus

Scan for Location

Contact Us

E-mail to:

- asha2027@nitandhra.ac.in
- membranelab@nitandhra.ac.in

Phone No:

- 9441773019 & 9597453303