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The Convener (ICAM⁵)

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About the Institute

The National Institute of Technology Warangal (NIT Warangal) is the first among India's 31 NITs. It was founded in 1959 as the Regional Engineering College Warangal. Recognized as an Institute of National Importance, NIT Warangal offers 8 undergraduate and 29 postgraduate programs, including M.Tech., M.Sc.(Tech.), MCA, and MBA, along with Ph.D. research programs across all departments.

Consistently ranked among India's top 20 technical institutes, NIT Warangal is a fully residential campus spread over 250 acres. It is well-connected to the Hyderabad-Warangal National Highway, located 3 km from Kazipet Railway Station and 12 km from Warangal Railway Station. Participants traveling by train can alight at either station based on their route.

About the Department

Department of Metallurgical and Materials Engineering (MME) – NIT Warangal Established in 1965, the Department of Metallurgical and Materials Engineering (MME) at NIT Warangal offers a B.Tech. program in MME and M.Tech. programs in 'Materials and Manufacturing' and 'Welding and Non-Destructive Testing (WTNDT)'. The department has consistently received NBA accreditation for its excellence in academics and research. With experienced faculty and state-of-the-art laboratories, the department also runs a Ph.D. program, currently hosting 30 research scholars. It actively collaborates with leading organizations like DMRL, ARCI, IGCAR, BARC, and BHEL and is engaged in funded research projects from DAE-BRNS, DRDO-NRB, ERIPR, ARDB, and AUSC Mission Directorate.

About Warangal

Warangal is about 135 km from Hyderabad, the capital of Telangana. It is well connected by rail and road. It is well known as an educational center. Once, the capital of the great Kakatiya Kingdom and earlier known as Orugallu or Ekaasilanagaram, Warangal still retains its importance as the cultural centre of the Telangana. It finds an important place in the tourist map of Telangana with sites of archaeological significance like the Ramappa temple, Thousand Pillars temple, Warangal Fort, and Bhadrakali temple.



3rd International Conference on Advances in Minerals, Metals, Materials, Manufacturing and Modelling (ICAM⁵)-2025

25-27 September 2025

as part of

Diamond Jubilee Celebrations



Organized by

Department of Metallurgical and Materials Engineering



National Institute of Technology Warangal
(An Institute of National Importance)
Hanumakonda - 506 004, Telangana, India.

The conference is being organized by the department as a part of its **Diamond Jubilee** celebrations. The purpose of the conference is to provide a platform for academicians, scholars, researchers and industries to discuss and disseminate the knowledge created in minerals processing, new materials development, materials degradation and computational materials modelling etc. Join us as we commemorate 60 years of excellence in metallurgical engineering and look forward to shaping the future of the industry!

Thematic Areas

ICAM⁵ welcomes research papers on the following topics but is not limited to:

- Beneficiation of low grade/complex ores
- Alternative iron/steel making
- Continuous casting/process modelling
- Phase transformations
- Thermomechanical processing
- Mechanical behavior of materials
- Corrosion
- Welding/joining
- Recycling of materials
- Advanced ceramics/composites/polymers
- Biomaterials
- Materials for energy
- Additive manufacturing
- Computational materials science

Advisory Committee

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 Prof. Yoko Mitarai, Univ of Tokyo, Japan

Call for Abstracts

Authors should submit an abstract of their original, unpublished work not exceeding 300 words in the attached format. Please email the abstract to icam5@nitw.ac.in.

Awards

Best paper presentations will be recognized with attractive cash awards and certificates

Metallography Contest

Metallography contest is organized for students/scholars where black & white/color micrographs displaying excellent microstructures obtained using optical/electron microscopes. The selected micrographs will be awarded a cash prize. The participant should be a registered delegate of the conference.

Sponsorship

Various opportunities of sponsorship are available for sponsoring ICAM⁵. The tariffs of each category of sponsorship and the benefits are displayed in website. The prospective sponsors are requested to contact the organizers.

Accommodation

The delegates will be provided accommodation on payment basis. In view of the limited availability of rooms, accommodation will be provided on first come first serve basis. Delegates will not be entitled for payment of any TA/DA.

Registration Charges (incl. 18% GST)

Category	Early Bird		Regular	
	Indian (INR)	Others (USD)	Indian (INR)	Others (USD)
Academia & R&D	4000	200	5000	250
Industry participants	5000	300	6000	350
Research scholars	2000	100	2500	150
Accompanying person	1500	100	2000	150

Registration form along with the transaction details of the registration fee may be emailed to the Convener-ICAM⁵ at icam5@nitw.ac.in. Fee payments can be made to the below mentioned bank account.

Account Name	DIRECTOR NIT WARANGAL
Account No.	44178975295
Bank	State Bank of India
Branch	NIT Warangal
Branch code	20149
IFSC	SBIN0020149
MICR code	506002030
SWIFT code	SBININBBH14

Important Dates

Abstract submission due	Jul 15, 2025
Notification of acceptance	within 15 days
Early bird registration	Aug 15, 2025

For More Information, Please Visit

<https://cms.nitw.ac.in/conference/icam2025/>