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Address for correspondence

The Organizing Secretary - IEMDST-2024
Department of Physics, National Institute of Technology, Warangal,
Hanamakonda – Warangal 506004, Telangana, India.

Important Links & Contact

Web Address: <https://cms.nitw.ac.in/iemd2024>

Link to Submit Abstract:

<https://cmt3.research.microsoft.com/IEMDST2024/Submission/Index>

Link to download Abstract Template:

<https://cms.nitw.ac.in/iemd2024/abstarct.html>

Conference E-mail: iemd2024@gmail.com

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Sponsorship Package

Category	Amount (Rs.)
Backside of the Front Cover	40,000/-
Back cover page	40,000/-
Inner side of back cover page	30,000/-
Sponsor pages at the end (Full Page)	15,000/-
Sponsor pages at the end (Half Page)	10,000/-

About Warangal:

Warangal is the burgeoning second largest city of the new state of Telangana. It is situated at a distance of 140 km from the state capital Hyderabad (Nearest Airport, connected through expressway). It is well connected by Rail (Kazipet Junction is two km away and Warangal Station is 12 km away) and by Road (NH 163). Warangal is renowned for its rich historical and cultural heritage. It was the seat of erstwhile Kakatiya dynasty. It is a seat of tourist attractions with a number of historical monuments like Thousand Pillars Temple, Warangal Fort, Bhadrakali Temple, Ramappa Temple (UNESCO recognized Heritage site) and Lankavaram lake located within a radius of 40 kms. Also, Ramappa and Yadadri temples are located about 75 km from Warangal.

About NIT Warangal:

NIT-Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 departments offering 9 undergraduate and 35 post-graduate programs besides doctoral programs. About 7000 students across the country and about 500 international students stay in the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure in the form of state-of-the-art library, seminar halls, guest houses and research laboratories. The institute has demonstrated remarkable foresight in securing substantial high-quality research and consultancy projects during the last few years.

Brief profile of the Department of Physics:

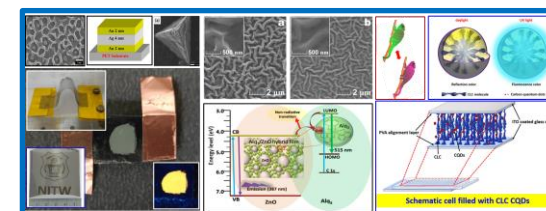
The Department of Physics is involved in teaching UG & PG students of Engineering and Science Programs. The department has highly qualified, motivated and experienced faculty, who guide Ph.D Scholars in several topics of current technological interests. The department offers a three year M.Sc (Tech) Engineering Physics program with specializations in Photonics, Electronics, & Instrumentation. The department is also offering integrated M.Sc (05 years) and integrated B.Sc B.Ed (04 years) courses. The department also received DST-FIST project for the development of the program. The department is actively engaged in research and having a number of sponsored R&D projects. The areas of research include Nanomaterials, Glasses and Biomaterials, Luminescent, Energy Harvesting and Magnetic materials, Bio-Polymers, Photonics, Electronics, Biomedical instrumentation, transparent conducting oxides, liquid crystals, Microfluidics, organic LEDs and solar cells. The department has liaison with reputed industries and R&D organizations like BEL, CSIO, ELOIRA, Honeywell etc. The alumni of the department are well placed in key positions in various multi-national companies and also in premier research institutes worldwide.



International Conference on Emerging Multifunctional Materials and Devices for Sustainable Technologies - IEMDST-2024



4th & 5th July, 2024



Call for Registration and Participation

Organizing Secretaries:

NIT-Warangal

Prof. K. Thangaraju
Dr. D. Paul Joseph
Dr. V. Jayalakshmi

NIT-Goa

Dr. P. Saidi Reddy
Dr. Velavan Kathirvelu

Organized by

Department of Physics

National Institute of Technology
(An Institute of National Importance)

Warangal, Telangana State - 506 004, India.



About the conference

The main objective of this conference is to showcase the advancements in materials and devices for applicability in sustainable technologies. The conference is intended to provide a platform for researchers, scientists, engineers, industrialists and other professionals to present their work, discuss and network with the international experts in the proposed theme areas. Faculty, research scholars and post graduate students will get a good exposure and will be benefitted from this conference. This conference is conducted at NIT-Warangal in association with NIT-Goa and is intended to be continued as a biennial event in the associating institute in the near future.

Thematic Areas

- Functional Nanomaterials and Devices
- Magnetic Materials and Multiferroics
- Soft matter (Polymers, Biomaterials)
- Computational modelling
- Surfaces, interfaces and thin films
- Smart and energy harvesting materials and devices
- Semiconductor and Optoelectronic devices (Inorganic & Organic)
- Luminescent materials and devices
- Fuel cells, Batteries, Supercapacitors
- Optical sensors
- AI and ML for materials science
- Nanostructured materials and Glasses

Advisory Committee

International

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National

- Dr. M. Manivel Raja, DMRL, Hyderabad
- Dr. S. Surendra Babu, Directorate of Laser Systems, RCI, DRDO, Hyderabad
- Dr. Tapas Kumar Mandal, IIT Roorkee
- Dr. Sakthivel, ARCI, Hyderabad
- Dr. K.V.S. Ranganth, BHU, Varanasi
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- Prof. A. S. Achalkumar, IIT Guwahati
- Prof. Justin Joseyphus, NIT, Trichy
- Prof. Ramesh Kumar Guduru, Pandit Deenadayalu Petroleum Univ.
- Dr. M. Sathish, CSIR-CECRI, Karaikudi
- Prof. Kaushik Ghosh, INST, Mohali

Tentative List of speakers:

Keynote speakers

Dr. Tata Narasinga Rao, Director, ARCI, Hyderabad
Prof. Rambabu Bobba (Southern University and A & M College, USA)

Plenary & Invited Speakers (Tentative List)

- Prof. Tokeer Ahmad, Jamia Milla Islamia, New Delhi
- Prof. B.L.V. Prasad, CeNS, Bengaluru
- Dr. M. Manivel Raja, DMRL, Hyderabad
- Dr. S. Surendra Babu, Directorate of Laser Systems, RCI, DRDO, Hyderabad
- Dr. K.I. Gnanasekar, MFCG/IGCAR, Kalpakkam
- Dr. B. V. Sarada, ARCI, Hyderabad
- Dr. Manuel Arul Stephan, CSIR-CECRI, Karaikudi
- Dr. Tapas Kumar Mandal, IIT Roorkee
- Prof. A. Thamizhavel, TIFR, Mumbai
- Prof. Subhash Thota, IIT Guwahati
- Prof. Chinmoy Ranjan, IISc, Bangalore
- Dr. Bikash Kumar Jena, CSIR-IMMT, Bhubaneswar
- Prof. K.V.S. Ranganath, Banaras Hindu University
- Prof. Yogendra Kumar Mishra, Univ. of Southern Denmark
- Dr. N. Gopalakrishnan, NIT Trichy
- Prof. Samresh Guchhait, Howard University, USA
- Patrick F. Mensah, Southern University and A & M College, USA
- Dr. R. Prasad Rao NUS-GRIP Director National University of Singapore
- Dr. M.V. Reddy, Nouveau Monde Graphite, Montreal, Canada
- Dr. Venkata S Reddy Channu, CEO, Bhawin Technologies, USA
- Prof. Don Prier, Houston, Texas, USA
- Prof. Hendry Izaac Elim, Pattimura University, Indonesia

Faculty/Scientists from International Universities/Institutes, centrally funded institutes like IISc, IITs, Universities, NIT's, DMRL, ARCI, and CSIR will deliver the lectures.

Registration is open to: Faculty, research scholars and post graduate students from both Science and Engineering institutions who work in the listed thematic areas and related interdisciplinary areas.

Call for abstracts: Authors are invited to submit an abstract of original, unpublished work not exceeding one page as per the abstract template given in the conference website. The abstract must be submitted after creating a login ID through the conference website as per the deadline.

Acceptance of the Abstract: After review, acceptance of the abstract will be intimated to participants. Upon acceptance, authors need to complete the registration along with fee payment as per the deadlines mentioned in the conference website. After registration, the participants shall also book the accommodation as per their choice (Details will be updated in the website).

How to Register: Upon intimation of Abstract Acceptance, the participants shall fill the online registration form given in the conference website (under registration tab) by uploading proof of registration fee payment (with transaction reference number & date).

<https://cms.nitw.ac.in/iemdst2024/regist.html> (Click here to register).

Awards: A number of awards are awaiting! In each session (Oral & Poster), the selected best presenter will be honored with cash prize and a certificate.

Publication/Proceedings

Selected full-length paper of registered participants will be published in reputed peer reviewed SCI/Scopus/Web of Science indexed International Journals/Conference Proceedings such as, Bulletin of Materials Science (Springer), Materials Today: Proceedings (Elsevier), etc. – Details of submission will be updated in the conference website.

Registration Fee:

Category	Registration Fee (Includes kit, refreshments & working lunch, dinner)			
	Early Registration Deadline 31-05-2024		Late Registration Deadline 30-06-2024	
	Indian	Overseas	Indian	Overseas
Faculty/Scientists	Rs. 3,500/-	300 USD	Rs. 4,500/-	325 USD
Research scholars	Rs. 2,500/-	100 USD	Rs. 3,000/-	125 USD
Post graduates	Rs. 1,000/-	75 USD	Rs. 1,500/-	100 USD
Industry personnel	Rs. 6,500/-	400 USD	Rs. 7,500/-	425 USD

Registration fee includes 18% GST

Registered participants will receive conference kits, proceedings, admission to all technical sessions, lunch and dinner during the conference period. Registration fee should be paid only through On-line/NEFT to the following bank account.

Account Name	Head CTL NITW
Account Number	40376545007
Bank	State Bank of India
Branch	SBI, NITW BRANCH
Branch code	20149
IFSC code	SBIN0020149
SWIFT Code	SBININBB958

Accommodation and travel:

The expenses towards travel and accommodation shall be borne by the speakers/delegates/participants. Accommodation for the speakers/delegates will be arranged on payment basis by the organizers in the institute guest house (*Subject to availability*) /hotels nearby upon request and availability. The list of hotels nearby, their tariff and mode of payment will be updated in the conference website. Accommodation for research scholars and PG students will be provided upon request (first come first serve basis) at the Institute hostels/dormitories on single or shared basis (As per NIT-W approved rates given in the conference website, under the accommodation tab).

Important dates

Abstract submission Opening : 25-03-2024
Closing of Abstract Submission : 25-06-2024
Conference registration Opening : 01-04-2024 onwards
Early Registration deadline : 31-05-2024
Late Registration deadline : 30-06-2024
Full paper submission to Journals : 10-06-2024 onwards

How to reach NIT Warangal

