

About the Conference

Emerging Technologies: Micro to Nano (ETMN) started in 2013 in India as a biennial International Conference. With time, it has gained acceptance among R&D Institutions and Industry to understand the Technology Readiness Level (TRL) of R&D in Micro and Nano domain of Science, Engineering and Technology. ETMN-2024 is the sixth iteration of the conference series since its inception. ETMN-2024 intends to provide a common platform for knowledge dissemination to researchers, academicians, practitioners and industrialists across the globe working in the various domains of Micro and Nano technologies. The conference also aims to reach research and scientific scholars engaged in remote areas and bring them in mainstream in order to boost their confidence and vision in larger domain of applications. The objective of the conference is to bring the academicians, scientists and technology developers together to discuss and deliberate on the challenges and issues in the development of technologies for Micro and Nano applications.

Call for Paper

The interdisciplinary platform offered by ETMN-2024 allows you to present, discuss, and publish your research contributions in the form of abstracts, papers, and posters that relate to the conference's theme and topic. Prospective authors/researchers are encouraged to submit their original and unpublished work in the prescribed format.

Venue: Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi-110025, **Landmark-** Near Holy family Hospital and Sukhdev Vihar Metro Station.

Important Dates

Program	Date
First Announcement	1 st March 2024
Last date of manuscript	15 th September, 2024
Acceptance	15 Sept. 2024, 30 Sept. 2024, 15 Oct. 2024
Final manuscript submission and author registration deadline	As per acceptance notification
Program Announcement	7 Nov. 2024
Conference Dates	22-23 Nov. 2024

Mode of Conference

The conference will be held in physical mode. Some foreign participants may be allowed to attend in virtual mode.

Registration

Participants	Indians	Outside India
Students	4000/-	120 \$
Faculty/scientist	6000/-	150 \$
Corporate	10000/-	200 \$
Non authors	3000/-	75 \$

Registration Link: [https://jmi.ac.in/Event/International-Conference-on-Emerging-Technologies:-Micro-to-Nano-\(ETMN-2024\)/Registration](https://jmi.ac.in/Event/International-Conference-on-Emerging-Technologies:-Micro-to-Nano-(ETMN-2024)/Registration)

Theme of Conference

The topics for the conference (not limited) are as follows:

Organic/Inorganic Nano composites	Application of sensors
Nano Materials	Interface electronics for sensors
Single Molecule Science	Signal conditioning
Nano Bioscience	Biomedical instrumentation
Micro/Nano Fluidics	Intelligent Instrumentation
Micro Optics & Nanophotonic	Micro/Nano Electronics
Organic and Flexible electronics	Nano Antenna & RF System design
2D Materials and devices	Photovoltaics
advanced materials for nano devices	Nano photovoltaics
MEMS	Energy harvesting
Bio-MEMS/NEMS	Actuators, Spintronics
Smart biomimetic Sensors	Supercapacitors
Physical Sensors	Wireless Sensor Networks
Chemical Sensors, Electrochemical sensors	Smart mobility
Acoustic Sensors, Optical Sensors	Application of AI and IoT based system
Micro/Nano Sensors	Structural Health Monitoring (SHM)
Wearable sensors	

Publication Support

Conference Proceedings (Scopus, web of science, Inspec, UGC-listed)

Authors are invited to submit their original and unpublished work for the conference. All the accepted and presented papers will be published in the Scopus index AIP/Springer Nature conference proceedings. The paper acceptance and publication is a two tier process. In the first step authors are invited to submit 4-6 pages extended abstract for peer review. In the second step post conference, the accepted and presented papers will be forwarded for final publication in the proceedings. Some selected best papers will be published in Edited book published by CRC Press, and some papers will be forwarded to SCI Journals as per journal's policy. Additional publication fee may be applicable as per publisher requirement.



Jamia Millia Islamia
(A Central University)



MANIPAL UNIVERSITY
JAIPUR
(University under Section 2(f) of the UGC Act)



6TH INTERNATIONAL CONFERENCE

on

EMERGING TECHNOLOGIES: MICRO TO NANO (ETMN-2024) 22-23 NOVEMBER, 2024

Jointly organized by

*Department of Electrical Engineering, Faculty
of Engineering and Technology, Jamia Millia
Islamia, New Delhi
&
Manipal University, Jaipur*

Conference link: <https://jmi.ac.in/ETMN2024>

Author guidelines and template link: [Author's instructions: https://jmi.ac.in/ETMN2024](https://jmi.ac.in/ETMN2024)
Paper submission link: [Conference Management Toolkit - Author Console \(microsoft.com\)](https://jmi.ac.in/ETMN2024)

Address for Correspondence

Prof. Tarikul Islam

General Chair, (ETMN-2024)

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New Delhi-110025

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3rd Rank
NIRF 2023

JAMIA MILLIA ISLAMIA

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NAAC
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World University
Rankings 2023

Jamia Millia Islamia made a modest beginning in 1920 at Aligarh, with the resolute determination of its founding members--Shaikhul Hind Maulana Mahmud Hasan, Maulana Muhammad Ali Jauhar, Jenab Hakim Ajmal Khan, Dr. Mukhtar Ahmad Ansari, Jenab Abdul Majeed Khwaja, and Dr. Zakir Hussain to create an institution that would manifest indigenous ethos and spirit of plurality. It was conceived as a national institution that would offer progressive education and nationalist ideals to students from all communities, particularly the Muslims. The emergence of Jamia was supported by Gandhiji and Tagore who felt that Jamia could shape lives of hundreds and thousands of students on the basis of a shared culture and worldview. Jamia's development is marked by sacrifices made by the staff and students and a host of individuals who contributed through myriad efforts. To know more please visit www.jmi.ac.in.

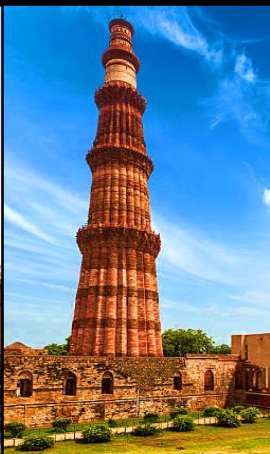
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Manipal University Jaipur (MUJ) was launched in 2011 on an invitation from the Government of Rajasthan, as a self-financed State University. MUJ has redefined academic excellence in the region, with the Manipal way of learning; one that inspires students of all disciplines to learn and innovate through hands on practical experience. To know more please visit <https://jaipur.manipal.edu/>.



SPONSORS

We are please to invite industry/start up to participate in the conference as sponsor or exhibitor in any of the following category

Sponsorship	Indian	Foreign (USD)
Platinum	1.75 Lakh	\$ 2500
Gold	1.25 Lakh	\$ 2000
Silver	0.75 Lakh	\$ 1500
Bronze	0.40 Lakh	\$ 1000

Details of sponsorship benefits, terms and conditions can be obtained from the conference website.

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Dr. Vijay Kumar Saraswat

**Member, NITI Aayog, and
Chancellor, Jawaharlal Nehru
University**

Guest of Honour

Prof. D. P. Agrawal

**Ex Chairman UPSC and
Ex-Director, ABV-IIITM
Gwalior**



Keynote Speakers



**Prof. Svetlana Pavlovna Kotova,
Samara University, Russia**



**Dr. Alain Claverie
CEMES – CNRS, France**



**Prof. Muhammad Ashraful Alam,
Purdue University**

Eminent Invited Speakers of ETMN-2024



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IIT Delhi



Prof. Karabi Biswas
IIT Kharagpur



Prof. Sanket Goel,
BITS Pilani, Hyderabad



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22-23 NOVEMBER, 2024

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IMPORTANT DATES

1 March, 2024

First Announcement

15 September, 2024

Hard Submission Deadline

15 September, 2024

30 September, 2024

15 October, 2024

Rolling Acceptance

7 November, 2024

Program Announcement

22-23 November, 2024

Conference Dates

Mode: Physical for Indian authors, Hybrid for
foreign authors

Visit the website for the most up to date information
relating to 4-6 pages extended abstract submission,
special sessions information, and deadlines



Emerging Technologies: Micro to Nano (ETMN) started in 2013 in India as a biennial International Conference. With time, it has gained acceptance among R&D Institutions and Industry to understand the Technology Readiness Level (TRL) of R&D in Micro and Nano domain of Science, Engineering and Technology. ETMN-2024 is the sixth iteration of the conference series since its inception. ETMN-2024 intends to bring the academicians, scientists and technology developers together to discuss and deliberate on the challenges and issues in the development of sensors and sensing technologies for Micro and Nano applications.

ETMN 2024 will include keynote addresses and invited presentations by eminent scientists and engineers.

Topics for ETMN 2024 will include, but not limited to

- Organic/Inorganic Nano composites
- Nano Materials
- Single Molecule Science
- Nano Bioscience
- Micro/Nano Fluidics
- Micro Optics & Nanophotonic
- Organic and Flexible electronics
- 2D Materials and devices
- advanced materials for nano devices
- MEMS
- Bio-MEMS/NEMS
- Smart biomimetic Sensors
- Physical Sensors
- Chemical Sensors, Electrochemical sensors
- Acoustic Sensors, Optical Sensors
- Micro/Nano Sensors
- Wearable sensors
- Application of sensors
- Interface electronics for sensors
- Signal conditioning
- Biomedical instrumentation
- Intelligent Instrumentation
- Micro/Nano Electronics
- Nano Antenna & RF System design
- Photovoltaics
- Nano photovoltaics
- Energy harvesting
- Actuators, Spintronics
- Supercapacitors
- Wireless Sensor Networks
- Smart mobility
- Application of AI and IoT based system
- Structural Health Monitoring (SHM)

Publication of Papers

All the peer reviewed accepted and presented papers will be published in Scopus Indexed AIP/Springer Nature conference proceedings, selected papers will be published by CRC press edited book, and some papers will be forwarded to SCI Journals as per journal's policy. Additional publication fee may be applicable as per publisher requirement.

Industry academic interaction

A special session will be scheduled for industry academic interaction for possible collaboration opportunity.

Exhibition of products/equipment

Opportunities to the entrepreneurs, companies and other organization to promote products, equipment and other services to the participants to the conference.



Please Visit: <https://jmi.ac.in/ETMN2024>