

Metrology plays a vital role for the development of technology, industries, quality products, economy, trade and sustainable society. The recent advancement in various fields such as precision engineering, communication methods, environmental engineering, healthcare & safety, clean energy generation, nanometrologies have put pressing demands on-- "**National Metrology Institutes (NMIs)**" for realization of the standards of physical and chemical measurements with highest level of accuracies and traceability to the International System(SI) of units.

The National Workshop cum Conference "**Advances in Metrology (AdMet)**" is one of the major scientific events organized in India every years, along with preconference workshops in selected fields of metrology. This is 9<sup>th</sup> National Workshop cum conference in the Ad Met series of conferences which is the flagship event of the Metrology Society of India (MSI).

The main objective of Ad Met series is to provide a healthy platform for metrologists, technocrats, researchers and students of various NMIs, laboratories and institutions to participate and share their knowledge & experience in identified thrust R&D areas and foster collaborations with the fellow scientists from all over the world. AdMet-2024 will also feature an exhibition where latest metrological equipment, measurement systems and related accessories will be displayed for the benefits of the researchers which would provide an excellent opportunity for the manufacturers and service providers to show-case their products & services to build better customer relations. The organizing committee invites all the concerned researchers, metrologists, academicians, policy makers and exhibitors to submit their research work for presentation.

The AdMet-2024 will be organized in Gurugram situated southwest of New Delhi, stands as a dynamic economic powerhouse in Haryana, India. Renowned for its rapid urbanization, the city hosts multinational corporations and technology giants, prominently showcased in the Cyber City business district. Gurugram's skyline boasts modern structures reflecting its economic boom, while extensive development caters to a growing population. Well-connected through road networks and in proximity to the Indira Gandhi International Airport, Gurugram continues to attract professionals and businesses, embodying a fusion of economic vitality and urban sophistication.

## Gurugram University

Gurugram University, located in Gurugram, Haryana, India, is a higher education institution aimed at enhancing educational opportunities in the region. Established to meet the growing demand for quality education, the university likely offers a range of academic programs across disciplines. As a dynamic addition to the educational landscape, the university strives to contribute to the intellectual and professional development of its students.

## Scope

The following topics will be covered in AdMet-2024:

- Fundamental and Quantum Metrology
- Metrology for Mass and Related Parameters
- Length, Dimension and Nano-metrology
- Optical and Radiation Metrology.
- Temperature and Humidity Metrology
- Acoustics, Ultrasound and Vibration
- Time and Frequency Metrology
- Electrical and Electronics Metrology
- Metrology in Chemistry, Certified Reference Materials (CRM)/Bhartiya Nirdeshak Dravay (BND)
- Traceability in Measurements
- Industrial and Legal Metrology
- Quality System, Inter-Laboratory Comparison and Accreditation
- Key/Pilot Comparison and Proficiency Testing
- Particulate and Gas Metrology, Environmental Metrology
- Metrology for Healthcare and Medical Devices
- Materials Metrology
- Ionizing Radiation Metrology
- Metrology for Non-Conventional/ Alternative Energy Source
- Digital Transformation in Metrology.

## Pre-Ad.Met Workshops

"**Pre-AdMet Workshops**" are scheduled during March 07, 2024 in certain selected areas of metrology. Specific topics will be announced shortly

## Deadlines

Submission of Paper : January 25, 2024

Notification of acceptance : February 05, 2024

(Format for the paper submission will be available soon on the official website of the conference: [www.admetmsi.in](http://www.admetmsi.in))

## Pre-Registration Form

### 9<sup>th</sup> National Conference

**AdMet – 2024**

(March 08-09, 2024)

**Pre-AdMet Workshops**

(March 07, 2024)

**Gurugram University, Gurugram, India**

Dr./Prof./Mr./Ms. : .....

Name : .....

Designation : .....

Mailing Address : .....

.....

.....

Ph : (O) ..... (R) .....

(Mobile) .....

Fax : .....

E-mail : .....

Title of your Paper : .....

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Paper theme (please select from the topic of the conference) : .....

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Are you a MSI member : Yes/No

If yes then provide membership number : .....

Hotel accommodation needed : Yes/No

Your hotel choice (per night charges) : (A) Rs. 3000-5000

(B) Rs. 5000-7000

Please fill up this form and send the scanned copy by e-mail attachment, or by postage mail to :

**Dr. Mukesh Kumar**

Convener, AdMet-2024

Gurugram University

Sector-51, Gurugram, Haryana-122 018, India

[admet2024@gurugramuniversity.ac.in](mailto:admet2024@gurugramuniversity.ac.in)

Contact : 91-9812496959

**Dr. Mahima**

Co-Convener, AdMet-2024

Gurugram University

Sector-51, Gurugram, Haryana-122 018, India

[admet2024@gurugramuniversity.ac.in](mailto:admet2024@gurugramuniversity.ac.in)



To,

**Dr. Mukesh Kumar**

Convener, AdMet-2024  
Gurugram University  
Sector-51, Gurugram,  
Harana-122 018,, INDIA  
admet2024@gurugramuniversity.ac.in  
Contact : +91-9812496959

## Language

The language of the conference will be English.

## REGISTRATION FEE (in Indian Rupees)

| Category<br>(Indian Delegates) | Workshop +<br>AdMet | AdMet | Workshop |
|--------------------------------|---------------------|-------|----------|
| Non-MSI Member                 | 4500                | 3500  | 4000     |
| MSI Member                     | 3500                | 2500  | 3000     |
| Student                        | 2000                | 1500  | 1000     |

**GST : 18% applicable.**

All participants have to register until January 25, 2024. After this date, registration will not be available. Only e-certificate will be provided to on-line attendees.

The charges mentioned above for the **Pre-AdMet Workshop** are for only one day. The charges for additional day will be extra. Demand Draft / Cheque may be issued in favour of **"Metrology Society of India"** payable at New Delhi.

Payment can also be made through Bank Transfer or NEFT in the account of AdMet-2024 in Canara Bank as per detail below :

Demand Draft/Cheque may be issued in favour of **"Metrology Society of India"** payable at New Delhi.

Payment can also be made through Bank Transfer or NEFT in the account of **Metrology Society of India** in Canara Bank as per detail below :

**Bank Name** : Canara Bank, NPL Branch  
**Name of A/c** : Metrology Society of India  
**A/c No.** : 91002010007422  
**IFSC Code** : CNRB0019100  
**GSTIN** : 07AAAFM9748D1Z7

We invite sponsorship for this conference, the details will be available soon on the official website of the conference: [www.admetmsi.in](http://www.admetmsi.in)

**For further details please contact :**

**Gurugram University**

Sector-51, Gurugram, Haryana-122 018, India  
[admet2024@gurugramuniversity.ac.in](mailto:admet2024@gurugramuniversity.ac.in)

**Dr. Mukesh Kumar**

Convener, AdMet-2024  
Contact : 91-9812496959

**Dr. Mahima**

Co-Convener, AdMet-2024

Register yourself for AdMet-2024 and/or workshop  
now through [www.admetmsi.in](http://www.admetmsi.in)



## 9<sup>th</sup> National Conference on "Advances in Metrology" and Pre-AdMet Workshops



**AdMet – 2024**

(March 08-09, 2024)

**Pre-AdMet Workshops**

(March 07, 2024)

Gurugram University, Nirvana Road,  
Mayfield Garden, Sector 51, Gurugram

**Theme : Quantum to Quantification**

## FIRST ANNOUNCEMENT AND CALL FOR PAPERS

*Organized by*

**Metrology Society of India (MSI)**  
([www.metrologyindia.org](http://www.metrologyindia.org))