

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, nano-metrologies 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 International Conference "Advances in Metrology (AdMet)" is one of the major scientific events organized in India once in three years, along with pre-conference workshops in selected fields of metrology. This is 11<sup>th</sup> international conference in the AdMet series of conferences which is the flagship event of the Metrology Society of India (MSI). CSIR-National Physical Laboratory (CSIR-NPL), a constituent of the "Council of Scientific & Industrial Research" (CSIR) under the Ministry of Science and Technology, Govt. of India, is the custodian of national standards (NMI of India) and has the mandate to realize, establish, up-grade, maintain and disseminate the measurement standards of physical quantities.

The main objective of AdMet 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. Because of the present pandemic condition, AdMet-2022 will be organised in both mode (hybrid), on-line and off-line. AdMet-2022 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-2022 will be organized in Delhi, the capital city of India, a modern metropolis famous for its historical monuments, architectural grandeur has a rich culture that enchants and fascinates people of all religions and nationalities. The weather condition in Delhi during the proposed dates of AdMet-2022 would be pleasant as it will be rainy season, so greenery would be compelling our delegates to go for site seeing before and/or after the conference.

## Scope

The following topics will be covered in AdMet-2022:

- 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-AdMet Workshops

"Pre-AdMet Workshops" are scheduled during August 22-23, 2022 in certain selected areas of metrology. Specific topics will be announced shortly

## Deadlines

Submission of Abstract : May 15, 2022

Notification of acceptance : May 30, 2022

Early bird registration : June 30, 2022

(Format for the abstract submission will be available soon on the official website of the conference: [www.admetindia.org](http://www.admetindia.org))

## Language

The language of the conference will be English.

## Pre-Registration Form

# 11<sup>th</sup> International Conference

**AdMet-2022**

(August 24 - 26, 2022)

**Pre-AdMet Workshops**

(August 22 - 23, 2022)

**CSIR-National Physical Laboratory  
New Delhi, India**

**(WILL BE HELD IN HYBRID MODE)**

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

Name : .....

Designation : .....

Mailing Address : .....

.....

.....

Ph : (O) .....

(R) .....

(Mobile) .....

Fax : .....

E-mail : .....

Title of your abstract : .....

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Abstract 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. Shiv Kumar Jaiswal**

Convener, AdMet-2022

([skjaiswal@nplindia.org](mailto:skjaiswal@nplindia.org))

**Dr. Shankar G. Aggarwal**

Co-Convener, AdMet-2022

([aggarwalsg@nplindia.org](mailto:aggarwalsg@nplindia.org))

CSIR-National Physical Laboratory,

Dr. K.S. Krishnan Marg, New Delhi 110012, INDIA

To,

**Dr. Shiv Kumar Jaiswal**

Convener, AdMet-2022  
CSIR – National Physical Laboratory  
Dr. K.S. Krishnan Marg,  
New Delhi 110012, INDIA  
(skjaiswal@nplindia.org)

Category (Indian Delegates)	Pre-AdMet Workshop, INR		
	Up to June 30, 2022	After June 30, 2022	On-line attendee
Non-MSI Member	4000	4500	1500
MSI Member	3000	3500	1200
Student	1500	2000	800

Category (Indian Delegates)	AdMet, INR		
	Up to June 30, 2022	After June 30, 2022	On-line attendee
Non-MSI Member	7000	8000	2200
MSI Member	6000	7000	2000
Student	3000	3500	1000

Category (Indian Delegates)	Workshop + AdMet, INR		
	Up to June 30, 2022	After June 30, 2022	On-line attendee
Non-MSI Member	10000	11000	3000
MSI Member	7000	8500	2500
Student	3500	4000	1200

Category (Foreign Delegates)	Workshop + AdMet, USD		
	Up to June 30, 2022	After June 30, 2022	On-line attendee
All	300	450	100

All participants have to register until July 30, 2022. 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-2022 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

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

**For further details please contact :**

**Dr. Shiv Kumar Jaiswal**

Convener, AdMet-2022 (skjaiswal@nplindia.org)  
Contact No.: +91-11-45609426  
Fax.: +91-11-45609310

**Dr. Shankar G. Aggarwal**

Co-Convener, AdMet-2022 (aggarwalg@nplindia.org)  
Register yourself for AdMet-2022  
and/or workshop now through [www.admetindia.org](http://www.admetindia.org)



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



**AdMet – 2022**  
(August 24-26, 2022)

**Pre-AdMet Workshops**  
(August 22-23, 2022)

CSIR – National Physical Laboratory  
New Delhi, India

**(WILL BE HELD IN HYBRID MODE)**

**FIRST ANNOUNCEMENT  
AND  
CALL FOR ABSTRACTS**

*Organized by*

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

and

**CSIR-National Physical Laboratory, India**  
([www.nplindia.org](http://www.nplindia.org))