



# 8<sup>th</sup> National Conference on “Advances in Metrology”



## AdMet-2023

March 24 – 25, 2023

**Theme: Metrology for Science & Industrial Growth**

**Pre-AdMet Workshop on “Radiation Metrology for Nuclear Medicine & Industries” on March 23, 2023**

## FIRST ANNOUNCEMENT AND CALL FOR ABSTRACT

### Organized by

Metrology Society of India, New Delhi & Bhabha Atomic Research Centre, Mumbai

### In association with

Institute for Design of Electrical Measuring Instruments, Mumbai, CSIR – National Physical Laboratory, New Delhi, National Accreditation Board for Testing and Calibration Laboratories, Gurgaon & Bureau of Indian Standards, New Delhi

Undeniably, Metrology is the central point of science, technology, engineering and medicine that could alter the global order and accelerate the national growth. Health, commercial prosperity, quality of life and protection of the environment rely on metrology which also influence the consumer, trader, industry, regulator, policy makers and international confidence. Therefore, during the Amrit Kaal of the country, serious thoughts and actions on ground are required to reinforce the national metrological system which would lubricate the engine of the economy. Metrology Society of India (MSI) is keenly engaged in the scientific manoeuvring of national measurement system since 1984 and organises national/international conferences to disseminate recent advances in metrology with the sole objective of national growth. In this series, the 8<sup>th</sup> National Conference on “Advances in Metrology” (AdMet-2023) is being organized at Bhabha Atomic Research Centre, Trombay, Mumbai during March 24–25, 2023.

Peaceful application of radiation covering wide spectrum of benefits in health care, agriculture, industries and other sectors for improvement of the ecosystem and quality of life. Considering the present and future growth of societal applications of radiation, a pre-conference workshop on “Radiation Metrology for Nuclear Medicine & Industries” is being organized on March 23, 2023 for the benefit of the participants.

**Dr. S. K. Jha | Convener, AdMet-2023**

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## SCOPE OF THE CONFERENCE

- Metrology in Testing and Calibration Laboratories ● Metrology for Healthcare, Medical, Pharmaceutical and Clinical Devices ● Metrology in Human Machine Interface (HMI) and Internet of things (IoT) ● Radiation Metrology
- Metrology in Digital Transformation ● Electrical and Electronics Metrology ● Physico-Mechanical Metrology
- Metrology in Radiotherapy and Radiological Protection ● Metrology in Diagnostic Radiology Equipment
- Metrology in Development of Reference Materials ● Uncertainty and Traceability in Measurement ● Quality Assurance and Quality Control in Metrology ● Industrial and Legal Metrology ● Accreditation and Certification
- Inter laboratory and Proficiency Testing ● Role of Computational Tools in Radiation Measurements ● Particulate and
- Gas Metrology ● Environmental Metrology ● Metrology for Renewable Energy Sources
- Metrology in Process Control Instrumentation

## ABSTRACT SUBMISSION

Scientific papers are invited on the theme and scope of the national conference. Papers on original work and not published elsewhere should be submitted in the form of an abstract. The length of the abstract including tables, figures and references should be strictly limited to single A4 size pages. The details of the format of the abstract are given on the website ([www.admetmsi.in](http://www.admetmsi.in)). Authors of the contributed papers are requested to submit their abstracts through the website. Submitted papers will be peer reviewed and accepted papers will be published in the conference proceedings.

## WORKSHOP CONFERENCE VENUE

DAE Convention Centre, Bhabha Atomic Research Centre, Anushaktinagar, Mumbai - 400 094

## ACCOMMODATION

Arrangements will be made on payment basis to accommodate the participants in the BARC Guest House on first come first serve basis. Additionally information of nearby hotels in the city will also be provided.

## REGISTRATION

Category	Workshop plus Conference	Conference
MSI Member*	Rs. 3000/-	Rs. 2000/-
Non-MSI Member	Rs. 4000/-	Rs. 3000/-
Student	Rs. 2000/-	Rs. 1000/-

\*For MSI Membership, please email to [msiwrcmumbai@gmail.com](mailto:msiwrcmumbai@gmail.com)

## SUBMISSION DEADLINE

Submission of Abstract	Feb. 15, 2023
Acceptance of Abstract	Feb. 25, 2023
Submission of Registration forms and payment of registration fee	Feb. 28, 2023

Selected papers will be published in Journal MAPAN, Journal Radiation Protection and Environment and Edited book.

## ADDRESS FOR CORRESPONDENCE

For information pertaining to accommodation, registration and logistics, please visit our website ([www.admetmsi.in](http://www.admetmsi.in)) or contact:

**Shri Probal Chaudhury | Co-Convener, AdMet-2023**

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