



**DAE-BRNS Theme Meeting on**  
**NUCLEAR PROBES FOR MATERIALS, MEDICINE AND INDUSTRY (NPMMI-2024)**  
**DAE Convention Centre, Anushaktinagar, Mumbai, June 07-08, 2024**

**Organized by**  
**Radiochemistry & Isotope Group, Bhabha Atomic Research Centre, Mumbai - 400085**

**In association with**  
**Society for Positron Annihilation and Nuclear Probes (SPAN) c/o RCD, BARC**  
(BARC Website: [www.barc.gov.in/Symposium/NPMMI-2024](http://www.barc.gov.in/Symposium/NPMMI-2024))

A Two-Day DAE-BRNS Theme Meeting on “**Nuclear Probes for Materials, Medicine and Industry (NPMMI-2024)**” will be organized by BARC, Trombay in association with Society for Positron Annihilation and Nuclear Probes (SPAN) C/o RCD, RC&IG, BARC during June 07-08, 2024 at DAE Convention Centre, Anushaktinagar, Mumbai-400094. The objective of NPMMI-2024 is to provide a platform for enhancing interdisciplinary cooperation among Scientists, Academicians and Research Scholars from DAE and other organizations as well as Industry Personnel from India in utilization of nuclear probes like neutrons, protons, charged particles, nuclear decay probes like  $\alpha$ ,  $\beta^-$ , and  $\beta^+$  and high energy photon for materials research, physical and chemical characterization of materials and health care/nuclear medicine as well as industrial & societal applications.

### SCOPE

- A. Positron Annihilation Spectroscopy for Materials Research
- B. Applications of Radioisotopes and Radiation in Health Care and Industry
- C. Nuclear Analytical Techniques for Chemical Characterization of Materials
- D. Materials Research & Applications using Neutron Scattering and Imaging
- E. R&D Works and Applications of Nuclear Decay based Probes
- F. Industrial and Societal Applications of Nuclear Techniques
- G. Nuclear Probe Facilities Utilizing Research Reactors and Particle Accelerators

### REGISTRATION

Registration Fee Payment via NEFT

Participant from Government Organization, Research & Academic Institutes: Rs 1000  
Research Scholars/ PhD Students : Rs. 500  
Participant from Industry : Rs. 3000  
Bank Details: A/C Name: SPAN; A/C No: 40240252149 ; Bank: SBI;  
Branch: BARC Trombay; IFSC: SBIN0001268

**Note: Limited number of deserving students will be provided financial assistance.**

*The Technical Program will consist of Plenary and Invited talks by experts from India and Poster presentations of all contributed abstracts. Submit your abstract as per the template and send the MS Word file to Secretary, NPMMI-2024 (email: [skumars@barc.gov.in](mailto:skumars@barc.gov.in)) by April 25, 2024. Registration cum Accommodation (in DAE/BARC Guesthouse) form (signed pdf copy) to be submitted by May 7, 2024 (email: [kathis@barc.gov.in](mailto:kathis@barc.gov.in)). For details of NPMMI-2024 please visit BARC Website: [www.barc.gov.in](http://www.barc.gov.in) (Under Symposium & NPMMI-2024).*

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**Important Dates: Abstract Submission : April 25, 2024**

**Submission of Registration & Accommodation Request: May 7, 2024**