

ABOUT THE WORKSHOP

The DAE-BRNS IANCAS National Workshop & Outreach Program on “Nuclear Sciences and Application of Radioisotopes” is a five-day national-level scientific programme designed to provide participants with a comprehensive understanding of the fundamentals of Nuclear Sciences and, applications of radioisotopes.

The workshop will provide an opportunity to learn from experts associated with nuclear science and allied research institutions. The programme will focus on the scientific principles of radioactivity, radiochemical techniques, radioisotope production, radiation detection and measurement, and their applications in areas such as healthcare, industry, agriculture, environmental studies, research and other emerging interdisciplinary domains.

The workshop is intended to bridge fundamental knowledge with practical applications, while encouraging interaction among researchers, faculty members, students and professionals working in chemistry, physics, nuclear science and related disciplines.

KEY TAKEAWAYS

1. Fundamentals of Radiochemistry
2. Radioisotopes and Their Production
3. Radiochemical Techniques
4. Radiation Detection and Measurement
5. Radioisotopes in Healthcare
6. Industrial Applications
7. Agricultural and Environmental Applications
8. Radiation Safety and Regulatory Aspects

ORGANIZING COMMITTEE

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Department of Physics
Medicaps University

IANCAS WORKSHOP COORDINATOR

Dr. D. Chattaraj
Product Development Division
Bhabha Atomic Research Centre (BARC), Trombay,
Mumbai

LOCAL ORGANIZING COMMITTEE

DEP. OF CHEMISTREY

Dr. Rajendra Kumar Sharma
Dr. Anjali Soni
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Dr. Kanhaiya Jha
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Dr. Aditi Jain

115TH DAE-BRNS IANCAS NATIONAL WORKSHOP & OUTREACH PROGRAM ON

“NUCLEAR SCIENCES AND APPLICATION OF RADIOISOTOPES

Organized by



MEDICAPS UNIVERSITY

(DEPARTMENT OF CHEMISTRY AND DEPARTMENT OF PHYSICS)

Medicaps University, Indore
In association with
Indian Association of Nuclear Chemists and
Allied Scientists, Mumbai

DECEMBER 7 – 11, 2026



ABOUT MEDICAPS UNIVERSITY

Medicaps University, Indore, is a multidisciplinary higher education institution committed to academic excellence, research, innovation and industry-oriented Society Ready Education.

The University provides an interdisciplinary academic environment encompassing engineering, science, management, commerce, pharmacy, agriculture, arts and other disciplines. With its emphasis on teaching, research, innovation and professional development, the University provides an appropriate platform for organizing national-level academic and scientific programmes.

ABOUT THE DEPARTMENT OF CHEMISTRY

The Department of Chemistry, Medicaps University is committed to quality teaching, scientific research and interdisciplinary learning in the chemical sciences.

The department promotes academic and research activities in areas of contemporary relevance and provides an environment for students and researchers to develop scientific knowledge, analytical skills and research capabilities.

The department's participation in this national workshop reflects its commitment to promoting awareness and research in radiochemistry, nuclear science and the interdisciplinary applications of radioisotopes.

ABOUT THE DEPARTMENT OF PHYSICS

The Department of Physics, Medicaps University promotes fundamental and applied learning in physics while encouraging research and interdisciplinary scientific activities.

The department provides an academic platform for understanding fundamental physical principles and their applications in modern science and technology.

Through this workshop, the department aims to strengthen awareness and interaction in the areas of nuclear physics, radiation science, radioisotopes and their multidisciplinary applications.

ABOUT IANCAS

The Indian Association of Nuclear Chemists and Allied Scientists (IANCAS) is associated with the promotion and dissemination of knowledge in nuclear chemistry and allied scientific areas.

IANCAS provides a platform for scientific interaction, knowledge exchange and professional engagement among scientists, researchers, academicians and students working in nuclear and allied sciences.

The association's involvement in the workshop will facilitate interaction with experts and contribute to the dissemination of contemporary knowledge in radiochemistry and radioisotope applications.

REGISTER NOW



**Last Date of Registration:
15 November 2026**

REGISTRATION FEE----- (2000/-)

**SCAN QR CODE FOR
REGISTRATION**



<https://medicaps.pod.ai/d/kiNdHC/miscellaneous-payments/?display=outsider>

Participants who fulfill the prescribed participation requirements will be provided a Certificate of Participation.

VENUE

**Major Auditorium, F-Block,
Medicaps University, Indore**

CONTACT

For Registration & General Queries

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JOIN US FOR FIVE DAYS OF SCIENTIFIC EXPLORATION

**"Exploring Radiochemistry • Understanding Radioisotopes •
Advancing Scientific Applications"**

IN ASSOCIATION WITH

IANCAS (www.iancas.org.in)

Sponsored by BRNS, Department of Atomic Energy, India

ELIGIBILITY

The workshop is intended for:

- Faculty members and researchers from **Chemistry, Physics, Nuclear Science, Materials Science** and allied disciplines.
- Research scholars and Ph.D. students working in areas related to **radiochemistry, radioisotopes, nuclear science and allied fields**.
- Postgraduate students of **Chemistry, Physics and related science disciplines** interested in nuclear and radiochemical applications.
- Scientists, technical professionals and researchers from **academic, research and scientific institutions**.
- Participants from interdisciplinary areas interested in the applications of radioisotopes in **healthcare, industry, agriculture, environment and scientific research**.

WHY SHOULD YOU ATTEND?

- **Learn from Experts in Nuclear Science**
- **Strengthen Fundamental Knowledge**
- **Understand Real-World Applications**
- **Gain Exposure to Radiochemical Techniques**
- **Connect Science with Healthcare**
- **Explore Industrial and Environmental Applications**
- **Identify Research Opportunities**
- **Build Professional Networks**
- **Promote Scientific Awareness and Safety**