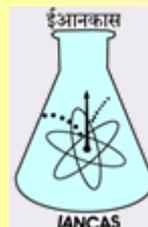




**112th DAE-BRNS-IANCAS National Workshop
and Outreach Program
On
NUCLEAR SCIENCES AND
APPLICATIONS OF RADIOISOTOPES**

NOVEMBER 10-14, 2025



Organized by

Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur, U.P.



In Association with

Indian Association of Nuclear Chemists & Allied Scientists (IANCAS)

C/o Radiochemistry Division

Bhabha Atomic Research Centre, Mumbai 400 085

www.iancas.org.in

About Workshop

As a part of outreach program, IANCAS with the support from BRNS, conducts national workshops on “**Nuclear Sciences and Applications of Radioisotopes**” at various Institutes / Universities. These workshops play paramount role in motivating the young researchers to accept the subject of nuclear and radiochemistry. This is the 112th National workshop of IANCAS in the series, which is aimed to provide a forum for mutual interaction amongst the faculty members and scientist from various educational institutions and research organisations. Eminent scientist and specialists on topics related to nuclear chemistry, nuclear physics, nuclear reactor, production and application of radioisotopes, nuclear analytical techniques and Health and safety aspects will be the resource persons of the workshop. The lectures will be supplemented by hands-on laboratory experiments for the benefit of participants. In addition, special session will also be held on research funding opportunities by the BRNS for the benefit of participants associated with teaching and research.

About DDU Gorakhpur University

Founded in 1950, Deen Dayal Upadhyaya Gorakhpur University is the first university in Uttar Pradesh to emerge as a leading centre of higher education after Independence. Accredited with A++ (CGPA 3.78) by NAAC, it upholds the motto “*Let noble thoughts come to us from all directions,*” reflecting its openness to diverse perspectives, cultures, and values in both academic and administrative spheres. Named after eminent political philosopher Pandit Deen Dayal Upadhyaya, the University is located in Gorakhpur, drawing inspiration from the region’s rich spiritual, philosophical, patriotic, and philanthropic heritage shaped by Gautam Buddha, Sant Kabir, Guru Gorakshnath, Ram Prasad Bismil, Hanuman Prasad Poddar, and the world-renowned Gita Press. The University campus is equipped with modern facilities, including an automated Central Library, ICT-enabled classrooms, advanced laboratories, and an Incubation Centre. It ensures a gender-sensitive environment and maintains a strictly ragging-free atmosphere. More details are available on the official website: <https://ddugu.ac.in/>

About IANCAS

Founded in 1981, Indian Association of Nuclear Chemists and Allied Scientists (IANCAS) is continuously promoting the subject of nuclear and radiochemistry by organizing seminars, workshops and publishing periodical thematic bulletins. With its about 2000 enthusiastic Life Members from all over the country and overseas, IANCAS has become one of the popular platforms for popularizing the subject of nuclear and radiochemistry across the country. IANCAS brings out quarterly thematic bulletins on the topic of relevance to the nuclear science and technology with the financial support from BRNS. The Association’s popular book on “*Fundamentals of Nuclear and Radiochemistry*” is widely sought amongst the academia, researchers and students. To further its mission through electronic media, IANCAS maintains an updated website (www.iancas.org.in), which provides information on workshops, awards, and other activities. All IANCAS publications, including bulletins and books, are freely available for download on the website.

Scientific Programme

The workshop shall include lectures in the morning session, and experiments with nuclear detectors in the evening session. Some important topics that will be covered are:

- Introduction to Radioactivity and Decay
- Nuclear Structure and Stability
- Interaction of Radiations with Matters
- Radiation Detection and Measurements
- Chemistry of Actinides
- Introduction to Nuclear Reactors
- Application of Radioisotopes in Health Care, Agriculture and Industries
- Nuclear Analytical Techniques in Research
- Radiation Safety and Setting up a Radiological Laboratory
- Career opportunities in DAE and BRNS Research Funding

Call for Participation

Applications are invited from faculties / scientists, research scholars, MSc students and corporate / industry persons, working in the relevant areas like Physics, Chemistry, Biotechnology, Health and Pharmaceutical Sciences, Engineering Sciences and Nuclear Science, through the Google form (<https://forms.gle/fRZDTvhQdNLApK51A>).

Participation certificate for each participant attending the full workshop.

Participation Fee

Corporate / Industry Participants	:	₹2000/-
Faculty / Scientists	:	₹1000/-
Research Scholars / Students	:	₹500/-
Accompanying Person	:	₹2000/-

Account Details-Name: Physics Society A/c number: 20189242912, IFSC:IDIB000G616

Application Deadlines

Complete registration Google form to be filled **OR** e-mailed to: iancas2025ddugu@gmail.com
Last Date: **15 October 2025**

Accommodation

Accommodation shall be arranged for the participants on payment basis as per University Guest House rates. For Experts and Faculties, Hotels may be arranged on request.

Travel

Gorakhpur is well-connected by Rail and Air with the major cities across India. On reaching the railway station (Gorakhpur Junction), local taxi / rickshaw may be hired to reach the University Campus which is within 2 Km from the station. From the airport it is about 8 Km and taxi / auto facility is available.

Organizing Committee

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Prof. Umesh Nath Tripathi (HoD)
Prof. Afshan Siddiqui
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Dr. Venkatesh Pandey

DAV College
Prof. Shail Pande
Dr. Sanjay Kumar Pandey

For any query or clarification please contact the coordinators.