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Founder, KIIT & KISS, Bhubaneswar, Odisha

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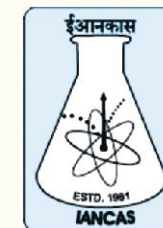
95th DAE BRNS-IANCAS National Workshop

on

Nuclear Sciences and Applications of Radioisotopes

May 15 - 20, 2017

Organized by:



Indian Association of Nuclear Chemists &
Allied Scientists (IANCAS)
C/O, Radiochemistry Division, BARC, Trombay,
Mumbai 400085

E-mail: secretaryiancas@gmail.com

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In collaboration with



KIIT University, Bhubaneswar-751024, Odisha

Send Participation form to:

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About KIIT University

KIIT University has emerged as one of the most prestigious Universities in India today. Its commitment to teaching excellence led to the grant of university status under Section 3 of UGC Act, 1956 by the Ministry of Human Resources Development, Govt. of India in 2004, within only seven years of its inception. KIIT is relatively young, but prizes excellence and ambition. The contributions of KIIT's faculty, students and alumni have been earning national and international recognition. It serves more than 27,000 students through its 28 Schools imparting globally recognised bachelor's, master's and doctoral degree programmes in 100 plus disciplines, spanning engineering, medicine, management, biotechnology, law and more. Apart from global recognition and pedagogical excellence, the University provides the best possible academic and non-academic grooming and empowerment that enable one to become a global citizen and make an impact in the global workplace.

About the Workshop

The Indian Association of Nuclear Chemists and Allied Scientists (IANCAS) was founded in 1981 with an objective to popularize the beneficial aspects of nuclear energy and applications of radioisotopes in science, technology, agriculture and health-care among the academic community. This workshop, as a part of DAE-BRNS sponsored activity, will provide a forum for mutual interaction among faculty members and scientists from various educational institutions and research organizations. Eminent scientists specialized in topics related to nuclear chemistry, nuclear physics, nuclear reactors, production and application of radioisotopes and health and safety aspects will be the resource persons of the workshop. The lectures will be supplemented by Laboratory experiments for the benefit of the participants. In addition, special session will also be held on research funding opportunities in basic and nuclear sciences for the benefit of participants associated with teaching and research.

Scientific Programme

Lectures:

- 1 Nuclear stability and structure
- 2 Radioactivity and Nuclear Decay
- 3 Interaction of Radiation with Matter
- 4 Radiation Detection and Measurement
- 5 Health and Safety Aspects
- 6 Nuclear Reactors
- 7 Production of Radioisotopes
- 8 Radioisotope Applications in Health Care
- 9 Radioisotope Applications in Food and Agriculture
- 10 Setting-up of Radiochemical laboratory
- 11 Radioisotope Applications in Industry and Chemical Research
- 12 Nuclear Medicines

Experiments:

- GM Counter - a gas filled detector : Plateau, Statistics and Dead Time
- Gamma-ray Spectrometry using NaI(Tl) detector and Shielding Experiment
- Determination of Half-life of ^{137m}Ba
- Formulation and Quality Control of Radiopharmaceutical using ^{99m}Tc eluted from a ^{99}Mo - ^{99m}Tc Radionuclide Generator

Call For Participation

Applications are invited in the enclosed "Participation Form" from faculty members and Researchers in the relevant areas like Nuclear Sciences and Technology, Chemistry, Physics, Bioscience/Biotechnology, Health Science, Pharmaceutical Chemistry etc.

The dully filled Participation Form (enclosed or its photocopy) can be sent to convener till April 30, 2017.

Participation Fee

To meet the expenditure towards
Registration Kit Material & Lunch for all days.

For Faculty & Scientists/ Research Scholars :Rs.1,000/-

For accommodation, separate Charges would be applicable.

Participation Form

95th DAE BRNS-IANCAS National Workshop on Nuclear Science and Application of Radioisotopes

May 15 - 20, 2017

**[Send the filled form by email or post before
April 30, 2017]**

Name-----

Designation-----

Field of research work-----

Organization-----

Address for Correspondence:-----

Phone-----Mobile No: -----

E-mail-----

Fax:-----

I Enclose Cheque / DD No:-----

Dated:-----for Rs.-----

Drawn in favour of KIIT University, Payable at Bhubaneswar /

Paid by each of Rs.-----

Academic Delegate : Faculty Student

Accoomdation Required : Yes No

Date:

Signature

