



Two-Days Workshop on “Quantum Mechanics and its Applications” 18th and 19th April 2025



United Nations has declared the year 2025 as International Year of Quantum Science and Technology in order to celebrate the 100 years since the initial development of quantum mechanics. Further, quantum scientists around the world celebrate 14th April as the World Quantum Day in commemoration of Planck constant whose value is $\sim 4.14 \times 10^{-15} \text{eVs}$. The idea is to increase public awareness for the importance of quantum science and its applications. In consonance with the theme, the Department of PMSE, JIIT, Noida in collaboration with the Delhi chapter of National Academy of Sciences, India (NASI) is organizing a two-days workshop for BSc/MSc/BTech/MTech students and teachers on 18th and 19th April 2025 with an aim to expose them to the recent developments in the area quantum technologies and how it can be of use to our society. This event is part of the NASI's science and society initiative.

LECTURES BY EMINENT SPEAKERS

An introduction to the field of Quantum Mechanics & Quantum Technologies will be provided to enable the participants to understand the counterintuitive features of quantum mechanics and its applications in the emergent areas. Further, it will motivate the young students to explore what can they do at their UG and PG labs, and using cloud-based quantum computers.



Prof. Ajoy Ghatak,
IIT, Delhi



Prof. Enakshi Sharma,
Delhi University



Prof. Tabish Qureshi,
JMI, Delhi



Prof. Sanjay Jain,
Delhi University



Dr. Sugam Kumar,
Scientist-F, IUAC

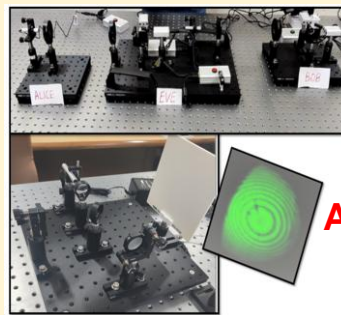


Prof. Anirban Pathak,
JIIT, Noida

and many others who are yet to confirm...

Key Activities

- Lectures by eminent speakers
- Exposure to basic ideas of quantum computing, communication and sensing
- Tour of quantum cryptography lab
- Hand-on session on cloud based quantum computers
- Poster session (Interested students may share their poster in pdf latest by 12th April 2025)



All participants
will be given
certificates.

**Link for Registration (Maximum
number of registrations will be 120):**

<https://forms.gle/Z5Wv6BxFuCbhBjNH9>

Last date for registration: 12th April 2025

Registration fee: Rs 200

Payment QR code:



Conveners: Prof. Ajoy Ghatak, Former President
NASI

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