

Report of Expert Lecture on "Revealing the World Inside an Atom" organized by Department of Physics on 24th April 2024

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INTEGRAL UNIVERSITY



Department of Physics
Integral University, Lucknow, Uttar Pradesh, India
Report of Expert Lecture

on
Revealing the World Inside an atom

Date: 24th April, 2024

The Departmental Quality Assurance Cell (DQAC) of the Physics Department organized an Expert Lecture on "Revealing the World Inside an Atom." The lecture took place on April 24, 2024 in Hall – 1, Central Auditorium Building, with a face-to-face format.

Prof. Mohammad Naimuddin, a distinguished scholar and esteemed expert in the field of Nuclear and High Energy Physics, served as the resource person for the lecture. Prof. Mohammad Naimuddin is working as Professor in Department of Physics and Astrophysics, University of Delhi. He is Scientific Associate at European Centre for Nuclear Research (CERN), Geneva. He is the recipient of the Indian National Science Academy (INSA) Young Scientist Medal. His current research activities are focused on Nuclear Physics and High Energy Physics.

The event began with Ms. Muskan Khan extending a warm welcome to all attendees. Ms. Nahin Nadeem presented a bouquet to Prof. Mohammad Naimuddin as a gesture of appreciation and warm hospitality.

Prof. Naimuddin commenced the lecture by providing insights into Nuclear and High-Energy Physics, exploring topics such as high-energy particle physics, nuclear physics, and medical physics. He shared his expertise on the intricate world inside an atom, highlighting his involvement in prestigious projects such as the CMS experiment at LHC-CERN and the INO experiment in India.

Following the lecture, an interactive session allowed attendees to engage with the speaker, asking questions and seeking clarifications. Prof. Naimuddin generously shared insights and guidance regarding research opportunities in the field and provided valuable advice to students interested in pursuing further studies.

Prof. Naimuddin concluded the session with a summary of key takeaways and actionable insights, encouraging attendees to explore further research opportunities in the field of nuclear and high-energy physics.

To conclude the event, Prof. Shamoan Ahmad Siddiqui, Head of the Department of Physics, delivered the Vote of Thanks, expressing gratitude to Prof. Naimuddin for sharing his expertise and insights. Prof. Siddiqui also thanked the Departmental Quality Assurance Cell (DQAC) for organizing the informative lecture and encouraged all students to continue exploring and innovating in their academic pursuits.

The event garnered significant interest, with nearly 100 undergraduate and postgraduate students, along with 8 faculty members, in attendance, showcasing the widespread interest and engagement in the captivating topic of nuclear and high-energy physics.

Glimpses from the event:



With warm regards

Prof. Shamoan Ahmad Siddiqui
Professor and Head
Department of Physics, Faculty of Science
Integral University, Lucknow