

## Expert Lecture Held on the Occasion of World Quantum Day

**Date:** 09.05.2025 (Friday)

**Time:** 11:00 AM

**Venue:** Vivekanand Sabhagar (Auditorium)

To commemorate **World Quantum Day**, an expert lecture was organized on **May 9, 2025**, at **11:00 AM** in the **Vivekanand Sabhagar (Auditorium)** of **J.C.Bose University of Science and Technology, YMCA Faridabad, Haryana**. The event was graced by the presence of the eminent physicist **Prof. Ajoy Ghatak**, (Retired) Professor of Physics, IIT Delhi, who delivered a thought-provoking talk titled **“Einstein,  $E=mc^2$  & The Atom Bomb.”**


The session began with a warm welcome extended to the distinguished speaker by the Director, R & D, followed by a brief introduction highlighting Prof. Ghatak's illustrious academic career and his significant contributions to the field of physics.

Prof. Ghatak's lecture delved deep into the historical, scientific, and ethical dimensions of one of the most famous equations in physics,  **$E=mc^2$** , formulated by Albert Einstein. He skillfully connected the equation's theoretical foundations with its practical and, at times, devastating real-world applications, notably in the development of atomic weapons. The talk also explored the evolution of quantum physics in the early 20th century, and its profound implications for both science and society.

The lecture was highly engaging and was attended by a large number of **faculty members, research scholars, and students** from various departments. The clarity and depth of Prof. Ghatak's presentation were widely appreciated, and the audience actively participated in the interactive Q&A session that followed.

The event concluded with a vote of thanks, expressing gratitude to Prof. Ghatak for his enlightening talk and to all participants for making the session a success.

**J. C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY,**  
**YMCA, FARIDABAD-121006, HARYANA, INDIA**  
A Haryana State Govt. University, Accredited 'A+' Grade by NAAC



Expert Talk on the Occasion of World Quantum Day  
On  
**Einstein,  $E=mc^2$  & The Atom Bomb**  
By  
**Eminent Scientist and Speaker**  
**Dr. Ajoy Ghatak**  
(Retired) Professor of Physics, I.I.T. Delhi

**Venue :** Vivekanand Auditorium    **Date:** 9<sup>th</sup> May 2025 (Friday)    **Time:** 11.30 AM onwards

Organized by: **Research & Development Cell**

Dr. Rashmi Popli, Dr. Sonam Khera,  
Dr. Rashi, Dr. Sushma  
Event Coordinators (R&D)

Prof. Sachin Teotia  
Dy. Director (R&D)

Prof. Anuradha Sharma  
Dean (Faculty of Science)

Prof. Maneesha Garg  
Director (R&D)