

# A VISIT TO IUAC

*On the occasion of National Science Day, i.e. 28th of February, the students of Department of Physics got the opportunity to visit the Inter-University Accelerator Centre (IUAC), New Delhi. The event this year celebrated the Women in Science and consisted of various lectures by some of the most eminent minds of our country followed by a facilities visit at IUAC, giving some insight into the multiple experiments taking place there.*

*The day began with the inaugural speech given by the director of IUAC, Dr. A.C. Pandey. This was followed by a lecture on "Revised SI units and their Implications" by the esteemed director of CSIR-National Physical Laboratory (NPL), New Delhi. The talk was aimed towards highlighting the importance of as simple a thing as the SI units in the field of research which most of us end up looking through. We also learned that CSIR-NPL not only serves as a base to various research works but also as the National Metrological Institute for India. He also introduced to us about the various departments of the organizations including the maintaining of the Indian Standard Time or the IST with the help of atomic clocks.*

*The second lecture was given by Mr. R. Mehta (IUAC) on "A Particle Accelerator: How it works and why it matters". As the title of the talk suggests, he introduced us to the physics which goes behind the working of one of the most indispensable machine in the field of research. An inter-college poster competition was organized right after on the topic "Applications of Particle Accelerators for Mankind: A Futuristic View" in which various colleges from across Delhi participated, us being one of them. Our poster consisted of the research done by some of the students of our department on Thermoluminescent materials which prove themselves useful in Radiotherapy. The last lecture for the day was given by Dr. A. Tripathi (IUAC) on "Material Science Research activities at IUAC" during which the students learned about the various research works active at the facility and the techniques that are employed for the same. The day was concluded by a visit to some of the facilities at IUAC to give us a better insight into the experimentation.*