

Sir P T Sarvajanik College of Science, Surat
Department of Physics
Report
on
:Seminar:
"Conceptual Foundations of Quantum Mechanics"

Department of Physics, Sir P T Sarvajanik of Science, Surat arranged a three days seminar on "Conceptual Foundation of quantum Mechanics" during 17th August to 19th August, 2017 for afternoon session. One hundred forty participants from various colleges of South Gujarat region got registered themselves for this event. Prof. V N Potbhare conducted lectures and interactive session during all the three days.

Quantum mechanics is a physical science dealing with the behaviour of matter and energy on the scale of atoms and subatomic particles. Quantum mechanics is the foundation of several related disciplines including nanotechnology, condensed matter physics, quantum chemistry, structural biology, particle physics, and electronics.

The acceptance of quantum mechanics by the general physics community is due to its accurate prediction of the physical behaviour of systems, including systems where Newtonian mechanics fails.

The seminar aimed to give students the opportunity to get taste of Fundamental quantum physics that is slightly beyond their academic horizons secondly, to provide a relaxed environment to students for discussion and interaction.

Throughout the seminar, Prof. Potbhare in his unique style discussed and explicated the fundamentals of quantum mechanics which took the students to a most fascinating world of quantum Physics.

In the valedictory function, the participants gave their feedback and the common voice said that the seminar was very much helpful for them to understand fundamentals of quantum mechanics and such programmes should be organized frequently.

All in all, the seminar was a great success...