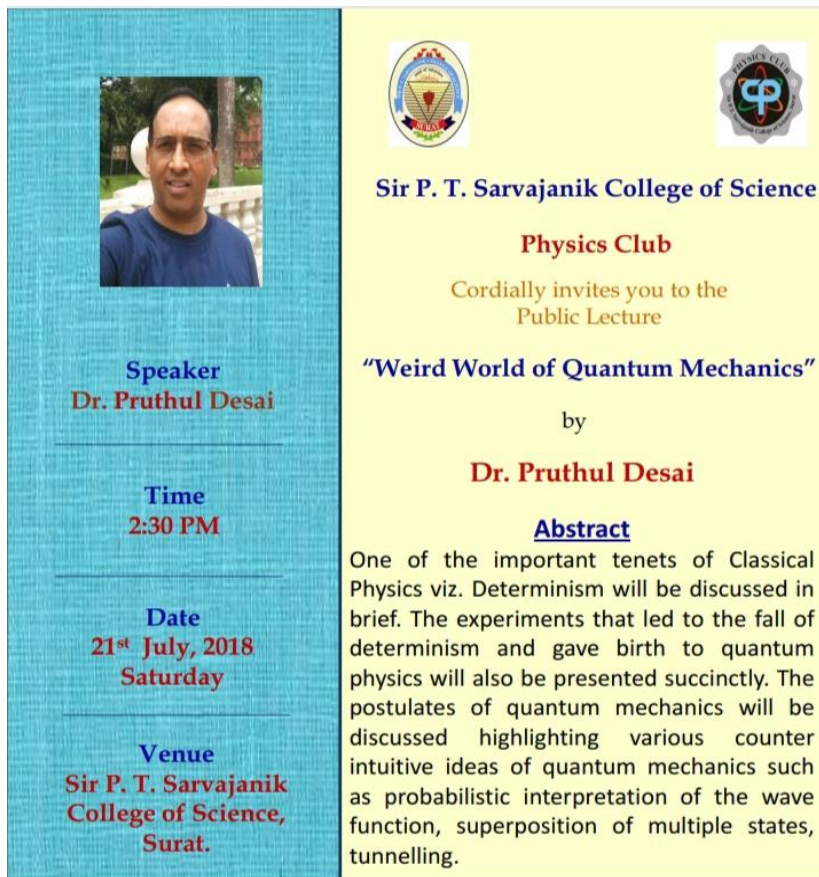


Seminar on “Weird World of Quantum Mechanics”

Date: 21-07-2018

Participants: 45

Dr. Pruthul R Desai, Department of Physics, Sir P. T. Sarvajani College of Science, Surat



Speaker
Dr. Pruthul Desai

Time
2:30 PM

Date
21st July, 2018
Saturday

Venue
Sir P. T. Sarvajani
College of Science,
Surat.

Sir P. T. Sarvajani College of Science
Physics Club
Cordially invites you to the
Public Lecture
“Weird World of Quantum Mechanics”
by
Dr. Pruthul Desai

Abstract
One of the important tenets of Classical Physics viz. Determinism will be discussed in brief. The experiments that led to the fall of determinism and gave birth to quantum physics will also be presented succinctly. The postulates of quantum mechanics will be discussed highlighting various counter intuitive ideas of quantum mechanics such as probabilistic interpretation of the wave function, superposition of multiple states, tunnelling.

Brief Report:

Quantum Mechanics, one of the branches of Modern Physics, has attracted some and repelled many because of its weirdness. It is always a different experience to listen to the presentations of different topics on quantum mechanics; uncertainty is one of them. Dr. Pruthul Desai started with the illusive certainties which are present in the classical world, finally headed towards the uncertainty in the quantum world in his characteristic manner and delivered the presentation in a very pleasant way. The talk was followed by long-lasting question-answer session.