

Seminar on “Gravitational Waves: New Window on the Universe”

Date: 05-02-2018

Participants: 85

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



Gravitational waves - New window on the universe

Speaker
Dr. Pruthul Desai

Date:
5th February, 2018
Monday

Time:
11 O' clock

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

Abstract: Gravitational waves hold the answer to some of the most fundamental questions about the universe and allow us as yet unobservable objects. In this talk I will present the physics of gravitational wave and its detection by the LIGO collaboration. I will highlight the importance of this discovery and discuss the implications of this momentous event.

Brief Report:

The Nobel Prize 2017, in subject of physics, was given “for decisive contributions to the LIGO detector and the observation of gravitational waves” to Rainer Weiss, Barry C. Barish and Kip S. Thorne. Dr. Pruthul Desai in this talk discussed the gravitational waves, their existence, properties, their origin and their detection. He also explained for which the work of the trio, mentioned above, the Nobel Prize was awarded. It was quite alluring talk and had staggering response from the audience who had a good amount of interaction with Dr. Desai.