

Seminar on “The DNA Saga: Fascinating story of the discovery of the DNA structure”

Date: 18-08-2018

Participants: 56

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




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Sir P. T. Sarvajanik College
of Science

Physics Club

Cordially invites you to the
Public Lecture

The DNA Saga
Fascinating story of the discovery of the
DNA structure
by
Dr. Pruthul Desai

Abstract

The discovery of the double helix structure of DNA is one of the greatest findings of all time, but it's also one of the most controversial. The work of Watson and Crick refashioned modern biology and touched off an explosion of new insights into life at the molecular level. The contributions of various pioneers who provided the scientific foundation which ultimately led Watson and Crick to reach ground breaking conclusion will be discussed.

Time
4:30 PM

Date
18th August, 2018

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

Brief Report:

Being a physicist, it is quite challenging to give a talk on a topic, other than Physics. But, Dr. Pruthul Desai chose to deliver a talk on “The DNA Saga: Fascinating story of the discovery of the DNA structure”, a topic from Biology. In his talk, he discussed how Rosalind Franklin used the X-ray crystallography to reveal the helical structure of the DNA molecule and how her ideas were used by Crick and Watson to come to the conclusion of the double helix structure of DNA. Once again, it was presented by Dr. Desai in his characteristic manner so that even the non-biologist were also quite involved during the talk and there was good amount of interaction with the students and the staff after the talk.