

# A REPORT ON Principles of Physics

Date: 8<sup>th</sup> April, 2023

Venue: B-120, Apple Lab, Silver Oak University

## Principles Of Physics



## **Introduction:**

"Physics studies the fundamental nature of the universe and aims to uncover the simple laws that govern complex phenomena, from particles to structures. It provides practical applications and a deeper understanding of our world." To help gain a comprehensive understanding, the "Principles of Physics" event was organized by Silver Oak University IEEE Student Branch as part of the IEEE Educational Week, aimed to develop a broad understanding of fundamental physics concepts.

## **About the Speaker:**

The session was led by a luminary expert in the field of physics; Prof. Puja Sakhare, an Assistant Professor at Department of Computer Engineering, SOCET.

## **About the Session:**

**Date:** 8<sup>th</sup> April, 2023

**Time:** 10:30 AM - 12:30 PM

**Venue:** B-120, Apple Lab, Silver Oak University

**Participants:** 20

The event began with an introductory speech that welcomed the attendees and provided an overview of the event. Afterwards, the speaker Prof. Puja Sakhare took the session forward. Before delving into the core topics, she provided an overview of the subject syllabus. This overview helped the attendees gain a clear understanding of what to expect during the session. Following this, she started with the topic of semiconductors, explaining the fundamental principles and properties of such materials and then proceeded to cover topics like Diodes, Lasers, Gates, Superconductors and Fiber Optics. Throughout the lecture, Prof. Puja Sakhare deftly explained each topic and discussed their real-world applications, ensuring that attendees gained a practical understanding pertaining to the subject.

At the end of the event, gratitude was expressed towards the attendees for their participation and Dr. Ravirajsinh Vaghela, an Assistant Professor of the Department of Computer Engineering, SOCET presented a letter of appreciation to Prof. Puja Sakhare as a token of gratitude which recognized her expertise in the subject and her contribution to the event's success.

## **Conclusion:**

The event provided valuable insights into fundamental physics concepts and their practical applications. The lecturer's dedication and expertise played a significant role in making it a success, leaving attendees feeling inspired and motivated to continue exploring the fascinating world of physics.

Some glimpses of the event:



