



**ISTE STAFF CHAPTER (TN 205)  
ACADEMIC YEAR 2023-24(ODD SEMESTER)**

**Staff Seminar Report**

A one day seminar titled “**Modern Trends in Physics**” was organized by ISTE Staff Chapter [TN 205] on **23.11.2023** from 3.00p.m. to 3.45p.m. to the faculty members of Kings College of Engineering with an objective to offer a better understanding of Modern Trends in Physics. Welcome address was delivered by **Mrs.T. Gnanajeya**, Coordinator / ISTE Chapter. The session was handled by the resource person **Mr.S. Ambalatharasu**, Assistant Professor / Department of Physics.

Modern physics is a branch of physics that developed in the early 20th century and onward or branches greatly influenced by early 20th century physics. Notable branches of modern physics include quantum mechanics, special relativity and general relativity. Physics extends to your daily life to describe the motion, forces, and energy of the ordinary experience. Physics is at work in tasks such as walking, driving a car or using a phone. Knowledge of physics is helpful in everyday situations as well as in non-scientific tasks. In the home, by far the most common use of electromagnets is in electric motors. Think of all of those bits of electrical equipment with some kind of electric motor: vacuum cleaners, refrigerators, washing machines, tumble driers, food blenders, fan ovens, microwaves, dish-washers, hair driers. German-born physicist Albert Einstein is regularly cited as the most famous physicist of all, with his achievements in the 20th Century continuing to inspire and help the scientists of today study everything from gravitational waves on Earth to understanding life outside of the solar system. Classic-Recent-Modern Trends Transformations, Some of the examples are Parallel universes, Worm holes, Twin paradox, Teleportation, Gadgets, Quantum computers, navigation, Military applications, Business (radars, space, etc.)

Totally 18 faculty members actively participated in this session and gained knowledge about Modern Trends in Physics. Vote of thanks was given by Mrs.T. Gnanajeya, Coordinator / ISTE Chapter.



*Resource Person's Talk*



*Audience listening the seminar*

  
Coordinator / ISTE Chapter 24/11/23

  
24/11/2023.  
PRINCIPAL

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The ISTE Staff Chapter, Kings College of Engineering, organized a competition on **Sudoku** on **23.11.2023** between 3.45pm and 4.20pm for the faculty members of the institution.

**Prize Winners**

POSITION	STAFF NAME WITH DESIGNATION
1	Ms.S. Abikayil Aarthi, AP/CSE Mrs.K. Abinaya, AP/CSE
2	Mr.M. Sakthivel, AP/MECH Mr.V. Aravind, AP/MECH
3	Mr.G. Venkatesan, AP/Mathematics Dr.P. Saravanan, AP/Chemistry



*Staff members actively solving Sudoku*

*[Signature]*  
Coordinator / ISTE Chapter 24/11/23

*[Signature]*  
24/11/2023  
PRINCIPAL