



SARANATHAN COLLEGE OF ENGINEERING

VENKATESWARA NAGAR, PANJAPPUR, TIRUCHIRAPPALLI-620012

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

DEPARTMENT OF PHYSICS

*A one day Faculty Development programme was organized on 23-07-2020 on **Recent Research in Modern Physics**. The FDP comprised of two sessions.*

In the Forenoon session, Dr.Sajith,V, Associate Professor & Head , School of Material Science and Engineering, NIT ,Calicut was the Resource person. He delivered a lecture on the topic “Application of Nano fluids in industries” In his presentation, he detailed the concept of Particle Size distribution, Thermal Power plant- Coolant, Mini Emulsion polymerization and its benefits in real life applications.

In the afternoon session, Dr. Malathi. M, Professor of Physics, Centre for Crystal Growth, Vellore Institute of Technology, Vellore, Tamilnadu was the Resource person. She delivered a lecture on the topic “Role of Electromagnetic waves on Characterization of Materials”. In her presentation, she gave an elaborate explanation on Electromagnetic waves and its interaction with materials especially UV, X-Ray, XRD, FTIR, Raman, Microwave and also on the importance of dielectric studies in the molecule. 72 participants from various colleges in and around Tamilnadu got benefitted from this programme

