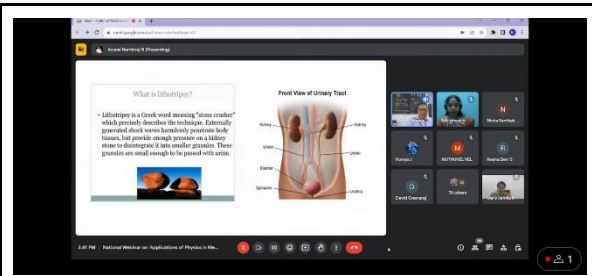


**LITTLE FLOWER DEGREE & PG COLLEGE**  
**UPPAL, HYDERABAD-500039**

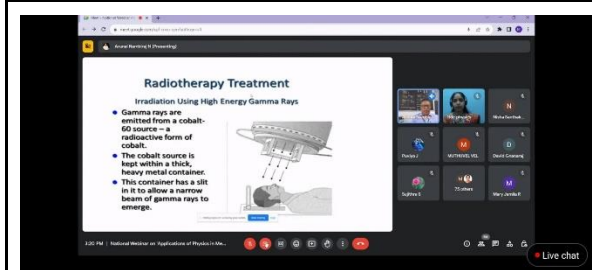
The department of physics, Little Flower Degree College, in collaboration with Auxilium College, organised a national webinar on “Applications of Physics in Medicine” on 22 August, 2023 on the Google Meet platform. The guest speaker was Dr. N. Arunai Nambi Raj, Professor and Dean, School of Advanced Sciences, Vellore Institute of Technology, Vellore. Professor Arunai Nambi Raj spoke about nanotechnology, hyperthermia, piezoelectricity, in vitro laser lithotripsy, fibre optics, RT technology, etc., and how these concepts are used in medicine, like radiation therapy treatment, PET scans, whole body scans, 3D bioprinting in urology, biomechanical testing of spinal instrumentation in a calf spine model, etc. By the end of the session, the professor also discussed various programmes for students and opportunities available for research scholars at the university. All the participants actively participated and gained knowledge on various applications of physics in medicine.



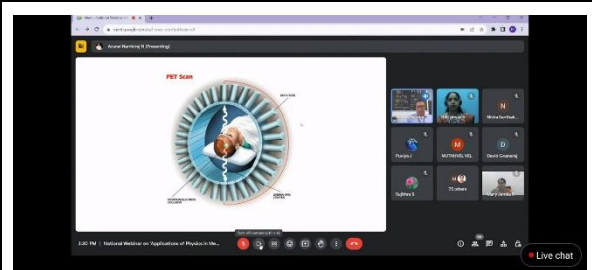
Shahjahan Begum, Head of Department of Physics, Introducing Guest Speaker



The speaker explaining to the students about lithotripsy (kidney stone removal).



Radiotherapy Treatment



PET (positron emission tomography) scans capable of detecting a variety of diseases.