



**KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)**

DEPARTMENT OF PHYSICS

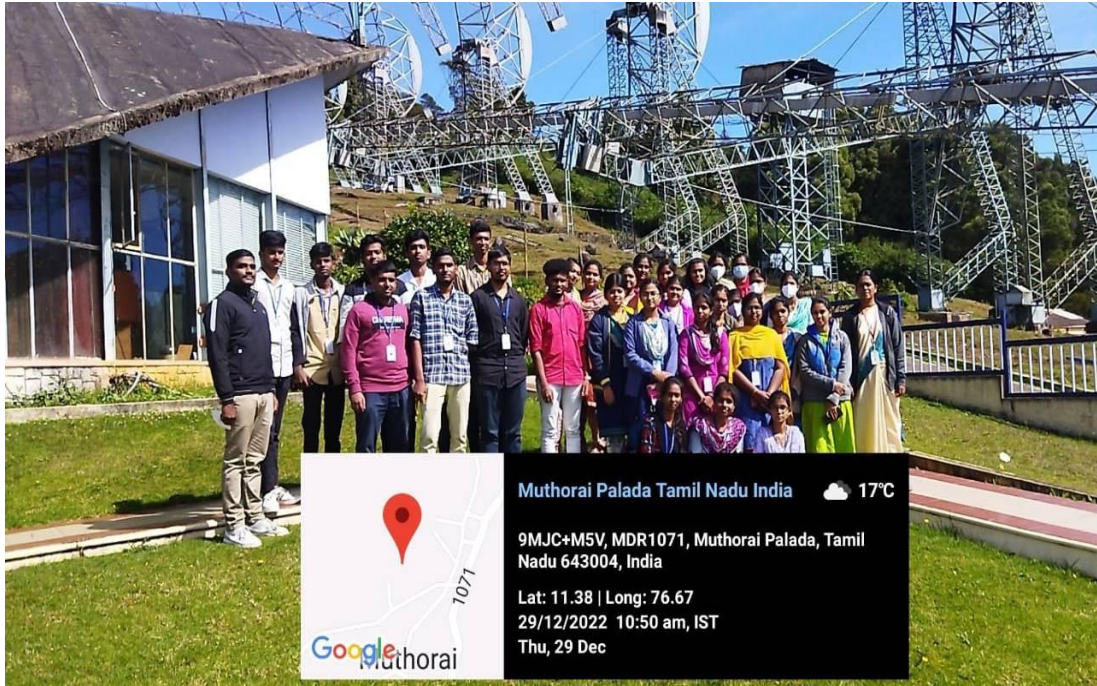
INDUSTRIAL VISIT

UNDER

DBT STAR COLLEGE SCHEME- 2022-2023



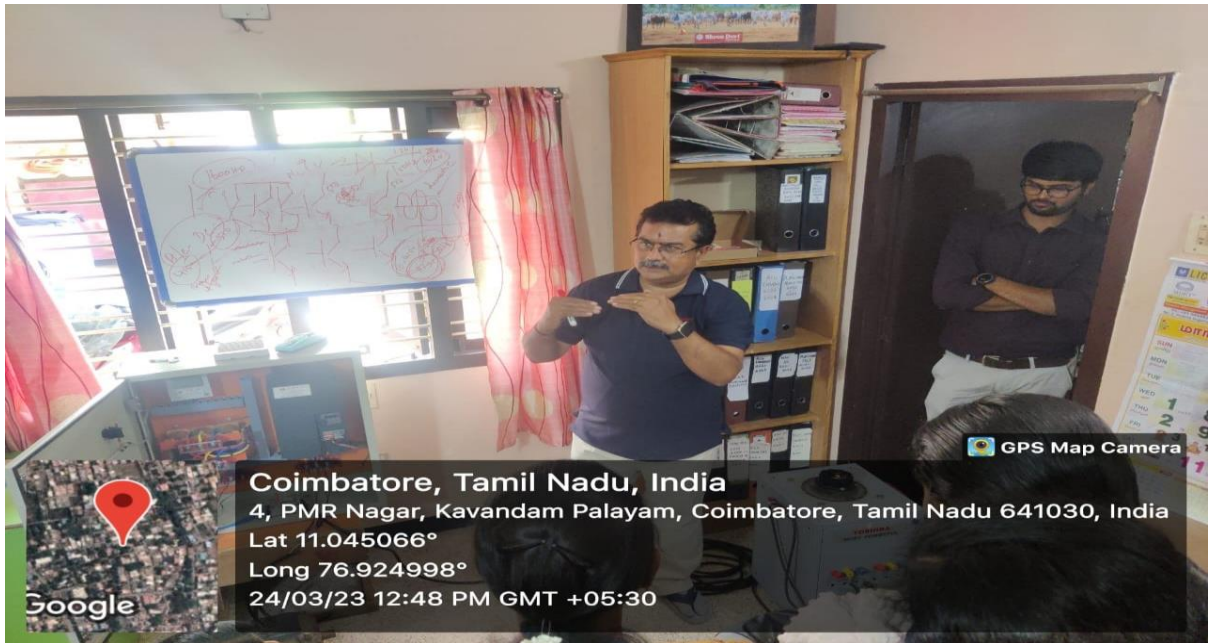
S. No	Class	Place of Visit	Date	No. of Beneficiaries	Outcome
1	III B.Sc & II B.Sc Physics Students	Radio Astronomy Centre, Ooty	29.12.2022	32 students and 2 Faculty members	Students gained knowledge about radio telescope and its importance and also about Solar system. The basics of astronomy paved the way to do projects/ research work in Astro Physics.
2.	III B.Sc , II B.Sc & I B.Sc Physics Students	Karunya Institute of Technology and Science, Coimbatore	19.01.2023	50 students and 3 Faculty members	Students gained knowledge about <ul style="list-style-type: none"> ❖ Preparation of thin films by Physical method ❖ Construction of Li-ion batteries ❖ Sophisticated instrumentation techniques ❖ Characterization of thin films and powder samples
3	III B.Sc , II B.Sc & I B.Sc Physics Students	New amp and Ohm, TVS Nagar, Coimbatore	24.03.2023	23 students and 2 Faculty members	Students gained knowledge about basics of electric current, frequency, driver modules, transistor, capacitors, etc. They also had an exposure to fabricate electric automations using variable frequency drive which may lead to decrease in power consumption in agricultural and medical sectors.



Industrial Visit to RAC, Ooty



Institutional Visit at Karunya Institute of Technology and Science, Coimbatore



Demonstrating the Voltage Frequency Drive in **New Amp** and **Ohm Company**