



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

DEPARTMENT OF PHYSICS

UNDER

DBT STAR COLLEGE SCHEME

INTERNSHIP & PROJECTS 2024-2025



INTERNSHIP

- ❖ 3 Students of III B.Sc. Physics underwent Internship Training at Viyen Biotech, Vadamadurai, Coimbatore.
- ❖ 11 Students of III B.Sc. Physics underwent Internship Training at KPR Institute of Engineering and Technology, Uthupalayam, Coimbatore.
- ❖ 3 Students of III B.Sc. Physics underwent Internship Training at Feather touch tissues, Nallampalayam, Coimbatore.
- ❖ Lara G of III B.Sc. Physics underwent Internship Training at Vadamalayan Multi-Speciality Care Hospital, Madurai.

PROJECTS

- ❖ Harikrishnan K of I B.Sc., Physics has developed a project entitled **“Exploring the Dual Axis Solar Tracking System Using Arduino for Maximum Efficiency”**.
- ❖ Priya Dharshini R, Suvetha S, and Sharmila V of II B.Sc., Physics have developed a project entitled **“Temperature Sensor”**.
- ❖ Boomika N and Hariprasath K of II B.Sc., Physics have developed a project entitled **“Conversion of Mechanical Energy into Electrical Energy”**.
- ❖ Jenice A and Pritha R of II B.Sc., Physics have developed a project entitled **“Non- Invasive Glucometer”**.
- ❖ Anish Dev D S and Magesh K of II B.Sc., Physics have developed a project entitled **“Underground Cable Fault Detector”**.
- ❖ Pooja Sri N and Gayathri S of II B.Sc., Physics have developed a project entitled **“Water Distillation unit”**.

- ❖ Sankari S and Vijayalakshmi V of II B.Sc., Physics and Hirithik R K of III B.Sc., Physics have developed a project entitled **“Carbon Purification for Industrial Applications”**.
- ❖ Lara G and Ajmal Y of III B.Sc., Physics have developed a project entitled **“Solar Air Purifier - using Moss and Algae”**.
- ❖ M Karan and V Gowthamraj of III B.Sc., Physics have developed a project entitled **“Piezoelectric Tyres”**.
- ❖ S Raju, P Hariharan, G Marisamy and Thrishok S of III B.Sc., Physics have developed a project entitled **“Smart Cart”**.
- ❖ Praneswaran R of II B.Sc., Physics, Roshall Packia and A Lijo Antony of I B.Sc., Physics and Sakthipooja R.M of III B.Sc., Physics have developed a project entitled **“Smart Vehicle system”**.
- ❖ Kaviya T of I B.Sc., Physics, Dharsana R and Tibna Blessy Jas N.J of I B.Sc., Physics have developed a project entitled **“Servo Distance Indicator”**.
- ❖ Dinesh S of I B.Sc., Physics, Vino R and Murali A of II B.Sc., Physics and Pranesh N of III B.Sc., Chemistry have developed a project entitled **“Hydrogen Gas Generator Using Electrolysis”**.
- ❖ Andrew A of III B.Sc., Physics, Rithika Sree P and Gopika R of I M.Sc., Physics and Priya Dharshan. K of III B.Sc., Computer Science have developed a project entitled **“IOT Based Counting System”**.
- ❖ Karan M of III B.Sc., Physics and Dharshini J and Lathika V of I M.Sc., Physics have developed a project entitled **“Asset Tracking System”**.
- ❖ Dhaneesh S of II B.Sc., Physics, Shivani K and Navya N of I M.Sc., Physics and Rahul. A of III B.Sc., Computer Science have developed a project entitled **“E-Message System for Accident Detection in Bike Travel”**.
- ❖ Raju S, Sreesarin G and Ajmal A. R of III B.Sc., Physics and Dharshana. A of III B.Sc., Computer Science have developed a project entitled **“Child Tracking System”**.
- ❖ Ajmal Y of III B.Sc., Physics, Jishnunath K.V and Sreehari K.R of I M.Sc., Physics have developed a project entitled **“Pollution Level Monitoring and**

Alert System”.

- ❖ Monisha Praisya A and Sowndhariya S of III B.Sc, Physics, Naveen. D and Karthikeyan. S of II B.Sc., Physics have developed a project entitled **“Sewage segregator- using Arduino”**.
- ❖ Sahana P of III B.Sc., Physics, Shobha. R, Syed Rifayath. S and Leyga K of II M.Sc., Physics have developed a project entitled **“Lie Detector Using Polygraph Simulator”**.
- ❖ Rathisha Shree T of II B.Sc., Physics, Praveen. P, Madhumitha. D and Priyadarshini A of II M.Sc., Physics and Niveditha. S of III B.Sc., Computer Science have developed a project entitled **“Traffic Flow Regulator”**.
- ❖ Andrew A and Geethalakshmi S of III B.Sc., Physics and Santhosh. V of III B.Sc., Chemistry have developed a project entitled **“Preparation Of (CeGDSmYZr)O₂ High Entropy Oxides Nanoparticles”**.
- ❖ Jency Gladia S and Dinesh S of III B.Sc., Physics have developed a project entitled **“An Efficient FM Discriminator”**.
- ❖ Sahana P and Pavithra E of III B.Sc., Physics and Gopi Priyan. M of III B.Sc., Chemistry have developed a project entitled **“Preparation of Zn Doped V₂O₅ By Co-Precipitation Method”**.
- ❖ Hariharan P and Marisamy G of III B.Sc., Physics and Tholkappian. M of III B.Sc., Chemistry have developed a project entitled **“Preparation of Nickel Doped Zinc Oxide Nanoparticles”**.
- ❖ Sowndarya and Monisha Praisya A of III B.Sc., Physics and Mohan. P of III B.Sc., Chemistry have developed a project entitled **“Cytosine Zinc Nitrate Magnesium Nitrate and Potassium Nitrate Solution Prepared by Green Route Method”**.
- ❖ D Vigneshwar and K Malini of III B.Sc., Physics and Elango. P of III B.Sc., Chemistry have developed a project entitled **“Preparation of Vanadium Doped TiO₂ Thin Films”**.
- ❖ Karan M and Kaviya T of III B.Sc., Physics have developed a project entitled **“Ultrasonic Radar with Arduino”**.

- ❖ Raju S and Gowthamraj V of III B.Sc., Physics have developed a project entitled **“Synthesis and Characterization of $\text{CoCo}_2\text{O}_4\text{:SnO}_2$ Nanocomposites”**.

Interdepartmental Projects

- ❖ Sankari S and Vijayalakshmi V of II B.Sc., Physics and Hirithik. R.K of III B.Sc., Chemistry have developed a project entitled **“Carbon Purification for Industrial Applications”**.
- ❖ S Raju, P Hariharan, G Marisamy of III B.Sc., Physics and Thrishok. S of III B.Sc., Computer Science have developed a project entitled **“Smart Cart”**.
- ❖ Praneswaran R of II B.Sc., Physics, Roshall Packia and A Lijo Antony of III B.Sc., Physics and Shakti Pooja R.M of III B.Sc., Computer Science have developed a project entitled **“Smart Vehicle system”**.
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