



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

**DEPARTMENT OF PHYSICS
UNDER
DBT STAR COLLEGE SCHEME
INTERNSHIP & PROJECTS
2022-2023**



INTERNSHIP

- ❖ 3 Students of III B.Sc Physics underwent the Internship Training at **Frontline Systems**, Coimbatore
- ❖ 4 Students of III B.Sc Physics underwent the Internship Training at **Soundscap Acoustics**, Coimbatore
- ❖ Swathi JB of III B.Sc Physics underwent the Internship Training at **Roots Industries India Limited**, Coimbatore
- ❖ 2 Students of III B.Sc Physics underwent the Internship Training at **Sri Amman Mineral Water Private Limited**, Coimbatore
- ❖ 5 Students of III B.Sc Physics underwent the Internship Training at **Blue Sea Industries**, Coimbatore
- ❖ Leyga K of III B.Sc Physics underwent the Internship Training at **Shree Aranganathar Paper Converters**, Coimbatore
- ❖ 2 Students of III B.Sc Physics underwent the Internship Training at **Deccan Pumps Private Limited**, Coimbatore
- ❖ 3 Students of III B.Sc Physics underwent the Internship Training at **AJ Tech Research Labs**, Coimbatore
- ❖ 2 Students of III B.Sc Physics underwent the Internship Training at **Sri A.P.M Industries**, Coimbatore
- ❖ 2 Students of III B.Sc Physics underwent the Internship Training at **Sri Palani Aandavar Industries**, Coimbatore
- ❖ Durgadevi M of III B.Sc Physics underwent the Internship Training at **AOM Engineering Works**, Coimbatore
- ❖ Aparna C of III B.Sc Physics underwent the Internship Training at **High Precision Industries**, Coimbatore
- ❖ Dharunika A of III B.Sc Physics underwent the Internship Training at **Ravi Bala Exports**, Coimbatore

- ❖ Aravind D of III B.Sc Physics underwent the Internship Training at **Besten Pumps India (Private) Limited**, Coimbatore
- ❖ Rathina Kumar K of III B.Sc Physics underwent the Internship Training at **The Silver Crown Group of Company**, Coimbatore
- ❖ 2 Students of III B.Sc Physics underwent the Internship Training at **Uniq Technologies**, Coimbatore
- ❖ 2 Students of III B.Sc Physics underwent the Internship Training at **Janatics Pvt. Limited**, Coimbatore.

PROJECTS

- ❖ Ajay CS and Tamilselvi R of III B.Sc. Physics completed a project entitled **Study of Ce – Doped V₂O₅ Nanoparticles Synthesized by Co-Precipitation Method**
- ❖ Nareshkumar N, Swaathi J B and Nandhana J of III B.Sc. Physics completed a project entitled **Electrocardiogram and Electromyogram Monitoring System (Interdisciplinary)**
- ❖ Pranav A, Arun sagar P and Alfia P of III B.Sc. Physics completed a project entitled **Synthesis of Cu-K Nanoparticles Using Neem Leaf Extract (Interdisciplinary)**
- ❖ Leyga K, Jaswanth K and Dharani P of III B.Sc. Physics completed a project entitled **Designing of Power Controller for High Temperature Furnace**
- ❖ Sharukeerthana S and Praveen P of III B.Sc. Physics completed a project entitled **Substation Monitoring and Controlling Based on Microcontroller**
- ❖ Madhusree R, Amala Judy J and Karthika devi M of III B.Sc. Physics completed a project entitled **Obstacle Avoiding and Bluetooth Controlled Robot (Interdisciplinary)**
- ❖ HariPriya S, Aadharshini P and Ruseena S of III B.Sc. Physics completed a project entitled **Iron Oxide Nanoparticles Synthesized Using Ginger, Onion and Garlic Extracts Rapidly Degrade Methylene Blue Dye (Interdisciplinary)**
- ❖ Aparna C, Dharunika A and Aravind D of III B.Sc. Physics completed a project entitled **Physical and Optical Properties of Eu³⁺/Dy³⁺+Co – Doped Borotelluro Zinc Oxy Fluoride Glasses**
- ❖ Rathina kumar K, Sridevi M and Vijayalakshmi P of III B.Sc. Physics completed a project entitled **Synthesis and Magnetic Property of Zinc Ferrite Nanoparticles**
- ❖ Konethi S, Preethi S and Sujitha A of III B.Sc. Physics completed a project entitled **Effect of pH on the Structural and Bacterial Study of ZnO Nanoparticles by Co-Precipitation Method (Interdisciplinary)**
- ❖ Megha M, Vishnu P and Sowhanthi C of III B.Sc. Physics completed a project entitled **Generation of Microplasma and Water Treatment for Germination of Green Gram (Interdisciplinary)**

- ❖ Arun Sagar P and team completed a project entitled **Synthesis of CuK nanoparticles stimulator for agricultural applications (Interdisciplinary)**
- ❖ Megha M of III B.Sc. Physics completed a project entitled **Synthesis of FeCO Nanoparticles**
- ❖ Sharukeerthana S and Elavarasi J completed a project entitled **Synthesis and Electrochemical Studies of CeO₂ / NiO / CeO mixed oxides**
- ❖ Kannan T and Prahasitha S completed a project entitled **A study on Harvesting of electrical energy using piezoelectric transducers**
- ❖ Ajay.C.S (III B.Sc. Physics), Arun Joseph (III B.Sc. Computer Science), Sarvesh G (III B.Sc. Mathematics) and Selladurai S (III B.Sc. Computer Science) developed a project entitled **Home Safety Automation Using IoT (Interdepartmental Project with Computer Science and Mathematics).**
- ❖ Naresh Kumar N (III B.Sc. Physics), Arun Joseph (III B.Sc. Computer Science) and Selladurai S (III B.Sc. Computer Science), developed a project entitled **Smart Agriculture (Interdepartmental Project with Computer Science).**
- ❖ Tamil Selvi R (III B.Sc. Physics), Preeti W.B (II B.Sc. Computer Science) and Saranya Priya A (II B.Sc. Computer Science) developed a project entitled **Arduino Robot (Interdepartmental Project with Computer Science).**
- ❖ Durgadevi M, Hariharasudhan M, Sriram B (III B.Sc. Physics) and Kabaleeshwaran (III B.Sc. Computer Science) developed a project entitled **IOT Based ICU Patient Monitoring System (Interdepartmental Project with Computer Science).**
- ❖ Monisha Parisy, Sowndhariya S, Kaviya T, Priyadhashini S (I B.Sc. Physics) and Hariharan M (III B.Sc. Computer Science) developed a project entitled **Line Follower Robot (Interdepartmental Project with Computer Science).**
- ❖ Manoj Kumar R (II B.Sc. Physics), Anandhakumar M (II M.Sc. Physics), Thanusree S and Mithranjali M (III B.Sc. Computer Science) developed a project entitled **3D Printed Robotic Arm (Interdepartmental Project with Computer Science).**