

2021

Department of physics has conducted a National webinar on **NANO TECHNOLOGY AND ITS APPLICATIONS**” by **Dr.SARASWATHY** from Vellore Institute of Technology [VIT] work in centre for functional materials. She was proving enough to announce that she is passed out student of our own college.

She explained about:

- What is nanotechnology?
- Properties of nanotechnology
- Different kinds of applications and
- How Nanotechnology is used in various fields like industry, medicine ,agriculture etc.
- And finally she explained about future perspectives of nanotechnology.

Principal Sister appreciated her for the vast knowledge about nanotechnology and the simplified way of explanation given by her and also told her to come to our college and motivate the students to do their research works in the field.

As a whole this seminar paved the way to know more about nanotechnology and also to clear their doubts.



**2022**

Our department conducted the department association on **10.03.2022** at **11.00am**. The **chief guest of the seminar Ms.SARASWATHI M.Sc.,Ph.D.Scholar,Vellore Institute of technology,Vellore.**

The seminar started with welcome address by III physics Varalakshmi while introducing the chief guest and our HOD was proud to tell the students that she was the passed out student of our college from our department.

The seminar title is “ **FUNDAMENTALS OF MAGNETISM AND ITS APPLICATIONS**”

In this seminar she explained about

- Introduction of magnetic materials.
- Definitions
- Types of magnetic materials (para,dia and ferrites)
- Their properties.
- Applications
- Advantages.

And also she motivated the students to pursue Ph.D in future. Students also asked some doubts to the chief guest and she tried her best to clear their doubts.

Finally vote of thanks was given by Saranya C from II Physics.

**2023**

## **SEMINAR**

We conducted the seminar on 19.02.2023. The chief guest of the occasion Mr. SIVARAJ, Ph.D Research scholar, department of physics, Govt. Arts college (men), Nandanam, Chennai.

The seminar title is 'The evolution of scientific thinking; From ancient Foundations to modern insights.

In this seminar he explained about the origin of physics, evolutions and some basic laws.

Also motivated the students to pursue Ph.D in future.



**2024**

We conducted the seminar on 03.10.2024. A one day national conference was organized jointly by the department of PHYSICS, MATHS and CHEMISTRY.

The chief guest of physics and chemistry department was Dr. ARULJOTHY, Guest Lecturer in physics, KALAIKAR KARUNANITHI GOVERNMENT ARTS AND SCIENCE COLLEGE, THIRUVANNAMALAI.

The topic was QUANTUM AND NANO PHYSICS. For the first time, in the history of the college, students from other colleges participated and presented their slides. 10 UG students from K.K GOVERNMENT ARTS COLLEGE, THIRUVANNAMALAI, 10 PG students from BARATHI WOMEN'S COLLEGE, Arani and our college ALUMINI STUDENTS C.SARANYA from SHANMUGA ARTS AND SCIENCE COLLEGE, T.V.MALAI. Altogether 21 students participated in the conference. 3 PG students from Bharathi women's college and 1 PG student from Shanmuga college presented the paper in crystal growth, NANO SCIENCE AND ELECTRONICS.

The seminar is conducted successfully finally the vote of thanks was given.

