



**The Department of Physics & Electronics
GC (A), Rajahmundry**

A brief Report on
Student Exchange Program
Conducted from 7th to 9th Feb 2024

Date : 7th to 9th Feb 2024

Name of the Event : Student Exchange Program

Topic : Synthesis and characterizations of Nano
Particles

Name of the Resource Person : Dr. Ramachandra RK, Dr. D. Sanjeev Kumar
and Smt. B Durga Lakshmi

No of participants : 25

Objective : 1.To facilitate learning and experimental
hands on experience to the student community of AKNU Tadevalligudem
Campus, AKNU Rajahmundry Campus

Summary of the event :

1. Introduction by Smt. Ch Komala Lakshmi, HOD of the department, about the program and facilities.
2. Research presentation by Dr. Ramachandra RK, Principal and Research Supervisor, highlighting ongoing research and applications of nanotechnology.
3. Discussion of important topics in PG courses with real-life examples by Dr. D Sanjeev Kumar, Assistant Professor of Physics.
4. Tour of the physics department, including demonstrations and

hands-on experience in nanoparticle synthesis and characterization by Smt. B Durga Lakshmi, Assistant Professor of Physics.

- 5. Visits to various labs, such as the simulation lab, antique lab, and physics laboratories.**

From 7th to 9th February 2024, our department hosted a Student Exchange Program involving 13 students from AKNU Tadepalligudem Campus and 7 students from AKNU Rajahmundry Campus. The program aimed to promote learning and cultural exchange. During the program, Smt. Ch Komala Lakshmi introduced the objectives and department facilities, Dr. Ramachandra RK discussed ongoing research in nanotechnology, Dr. D Sanjeev Kumar covered important topics in PG courses, and Smt. B Durga Lakshmi provided a hands-on experience in nanoparticle synthesis. Additionally, the students had the opportunity to visit various labs. Overall, the program was successful in achieving its objectives and provided valuable learning experiences for the participants.

Outcomes:

- 1. Increased understanding of nanotechnology and its relevance in research.**
- 2. Enhanced knowledge of important topics in PG courses.**
- 3. Development of basic experimental skills in nanoparticle preparation.**
- 4. Exposure to various labs and their functionalities.**

Student Exchange Programme

MSC Physics Students From AKNU Campus Rajamundry and Tadepalligudem

07-02-2023 to 09-02-2023











Sd/-
Smt. Ch. Komala Lakshmi
HOD of Physics & Electronics