



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

A brief Report on Guest Lecture by



Dr. K. Ephraim Babu, Assistant Professor, AKNU

Conducted on 7th Jan 2024

Date : 7th Jan 2024

Name of the Event : Guest Lecture

Topic : **Fundamentals and Applications of Nuclear physics**

Name of the Resource Person : Dr. K. Ephraim Babu, Assistant Professor, AKNU,
Tadepalligudem

No of participants : 31

Objective : 1. To make the students aware of research going on at
AKNU
2. To aware the students about the importance of Nuclear
energy in India

Procedure : A circular/whats app message was sent to all PG and
students to attend the lecture.

Summary of the event :

The Department of Physics organized a guest lecture by Dr. K. Ephraim Babu on January 7, 2024. The lecture focused on the classification of nuclear particles and provided valuable tips for understanding basic physics concepts. The event was well-attended by students and faculty members. Dr. Babu began the lecture by discussing the fundamental constituents of matter and the structure of the nucleus. He explained the classification of nuclear particles, which include hadrons and Leptons. He provided several tips for easily memorizing the classification of nuclear particles by the use of mnemonics, Visual aids and Conceptual understanding. In the second part of the lecture, sir shared valuable tips for understanding basic physics concepts

Following the lecture, Dr. Babu engaged in an interactive session with the audience. Students and faculty members asked questions related to the topics discussed, and provided clear

and concise answers. In conclusion , the guest lecture by Dr. K. Ephraim Babu was highly informative and engaging. The students and faculty members benefited greatly from his expertise in the field of nuclear physics and his insightful tips for understanding basic physics concepts. The Department of Physics expresses its sincere gratitude to Dr. Babu for sharing his knowledge and time.



రాజమహేంద్రవరం

బుధవారం 8 జనవరి 2025



అతిథి ఉపన్యాసం..

ప్రభుత్వ ఆర్ట్స్ కళాశాల భౌతికశాస్త్ర విభాగం ఆధ్వర్యంలో మంగళవారం అతిథి ఉపన్యాసం నిర్వహించారు. సహాయ ఆచార్యుడు ఎఫ్రైమ్ బాబు కళాశాల పీజీ విద్యార్థులకు న్యూక్లియర్ ఫిజిక్స్ లోని ప్రాథమిక కణాల ఆవిర్భావం, వాటి లక్షణాలు, వాటి ప్రాధాన్యత గురించి వివరించారు.

