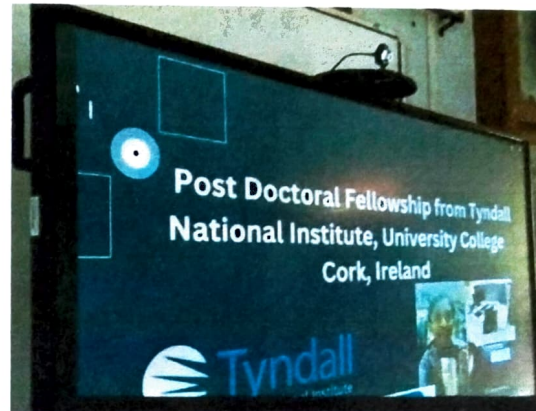


## RESEARCH & POSTGRADUATE DEPARTMENT OF PHYSICS

### INTRODUCTION TO PAYLOADS

**Objectives:** 1. To introduce students to the basic concepts of space payloads and their role in satellite missions. 2. To create awareness about opportunities in Space science and Technology through exposure to real-time projects.



**Report:** The Space Club of Mercy College, organized a session on “Introduction to Payloads” on 8 January 2026. The session was led by Lizy Abraham, Principal Investigator of WESAT (Women Engineered Satallite), launched by ISRO in January 2024. She is presently heading Research division , Walton Institute, Ireland. Space Club coordinators from LBS College played a key role in arranging this event. The speaker explained the concept, and design challenges of payloads and highlighted their importance in satellite missions.

**Outcomes:** Students developed a clear understanding of payload systems and their significance in satellite missions, linking theoretical knowledge with practical applications. The session enhanced students’ interest in astrophysics and space technology and motivated them towards higher studies and research in the field.

**Dr. Melda Francis**  
Staff Coordinator

**Lakshmi M**  
Head of the Department of Physics

Dr. LAKSHMI. M  
Head of the Department  
of Physics,  
Mercy College, Palakkad

**Dr. Sr. N.M Louly**  
Principal

PRINCIPAL  
Mercy College, Palakkad-08

