

## Report of Interactive learning program for school students

### "The Power Within: Nuclear Energy Unveiled" on 9/8/2024

An Interactive learning program for school students on nuclear energy entitled "The Power Within: Nuclear Energy Unveiled" was organised by the department of physics in association with UBA on 9/8/2024 for school students. Fifty two school students from Holy Cross High School Cherpunkal participated in the event. Ms Cincila T Joy, Convener of the program welcomed the gathering. This was followed by a documentary presentation about the Hiroshima Nagasaki bombing during World war II. The physics of the Atom bomb was explained by Ms. Lakshmi Jiji of II BSc physics Student which was followed by a presentation on Nuclear power projects in India. After giving a break the quiz competition was conducted for the participants. Ms Pinki Sajeev and Ms Varsha Kappen of III BSc Physics served as Quiz masters. Participants who came in top three positions were given reference books as prizes. The event motivated students to pursue science after schooling.

**Programme Schedule**

- History of World War II Documentary Presentation
- Interactive Lecture Physics of Atom Bomb
- Presentation Nuclear Power Projects in India
- Nuclear Energy Quiz

**Win Attractive Prizes  
Free Conveyance**

**Administrative Committee**  
Principal  
Rev. Dr. Shaji John  
Vice Principals  
Sr. Dr. Menmol Mathew  
Sr. Dr. Manju Elizabeth Kuruvilla  
Bursar  
Rev. Fr. Kuniakose Vellechalli

**Organising Committee**  
Dr. Vijitha Sunny - HoD, Physics  
Ms. Cincila T Joy - Staff Co-ordinator  
Dr. Anjali T R - DBT STAR Co-ordinator  
Kum. Ann Tressa Jijo - Student Organiser  
Kum. Pinky Rajeev - Student Organiser

*Let's radiate peace*

**The Power Within :  
Nuclear Energy  
Unveiled**

Commemorating  
**Hiroshima - Nagasaki Day**

Interactive Learning Programme  
for School Students  
under DBT- STAR College Scheme

[Register Here](#)

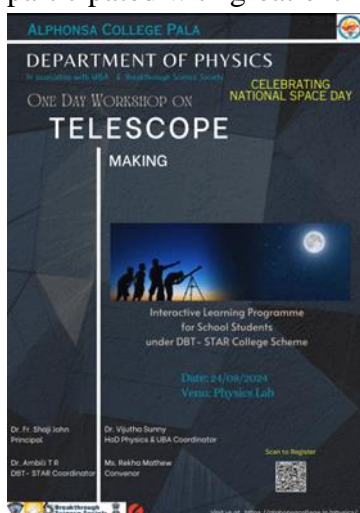
09/08/2024  
01:00 pm to 3:00 pm  
Multimedia Theatre

**Department of Physics**  
**ALPHONSA COLLEGE  
PALA**



## Report of Workshop on Telescope making on 24/8/2024 for High School Students

A one day workshop on Telescope making for school students was organised by the department of physics in association with UBA on 24/8/2024. The program was coordinated by Ms. Rekha Mathew, Assistant Professor, Alphonsa College Pala. Twenty Five students from nearby schools participated in the event. Students were provided with telescope making kit indigenously developed by the team of members from Breakthrough Science society lead by Prof. Thankachen P N. They were given a theory session on the image formation of lenses. Also a session was given for the working principle of the telescope. Students actively participated with great enthusiasm.



# Report of LED bulb repair workshop on 4/9/2024 for undergraduate students

A workshop on LED bulb repair for undergraduate students of the adopted villages was organised by the department of Physics in association with UBA on 4/9/2024. The program was coordinated by Dr. Sr. Priya Antony, Assistant Professor Department of Physics, Alphonsa College Pala. Dr. Vijutha Sunny, Head & Assistant Professor Department of Physics, Alphonsa College Pala served as the resource person for the program. Nineteen students participated in the event. Students brought damaged LED bulbs from their home. Hands-on training was given to students during the workshop. Various components in the bulb circuit were explained. Training was also provided to solder the wire and electronic components. Nine bulbs were repaired out of fourteen bulbs they brought. The program gave students the skill to repair LED bulbs and hence a sense of reusing the e-waste.



## LED BULB REPAIR WORKSHOP

Interactive Learning Programme for  
Science Students  
under DBT- STAR College Scheme

Date & Time  
Wednesday, 4th September 2024  
2:00pm (IST)  
Venue  
Multimedia Theatre

### Administrative Committee

Rev. Dr. Shaji John - Principal  
Sr. Dr. Minimal Mathew - Vice Principal  
Sr. Dr. Manju Elizabeth Kuruvilla - Vice Principal  
Rev. Fr. Kuriakose Vellechallil - Bursar

### Organizing Committee

Dr. Vijutha Sunny - HoD, Physics Department  
Dr. Sr. Priya Antony - Program convener  
Dr. Ambili T R - DBT-STAR Coordinator

**COME, LET'S REPAIR AND REUSE  
OUR E-WASTE**

**NB: BRING DAMAGED LED BULBS**



## FACULTY PARTICIPATION IN WORKSHOP

Ms Annu George, Assistant professor, Department of Commerce participated in the workshop titled “WASH-Strengthening Social outreach through water, sanitation and hygiene” held at capacity Building centre, social-economic unit foundation, Alappuzha from 7/11/2021 to 8/11/2024 organised by UBA cell, Kerala Agricultural university, Palakkad.

