
Report of Extension Activity on “Educating Prathmik Vidyalaya Students to Combat Energy Waste at Home” organised by Department of Physics in collaboration with NSS Unit, IU on 22nd April, 2024

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Communication Cell IUL <communications@iul.ac.in>
Bcc: pyfc@iul.ac.in

Fri, May 24, 2024 at 11:22 AM

Department of Physics
Integral University, Lucknow

Report of Extension Activity on “Educating Prathmik Vidyalaya Students to Combat Energy Waste at Home (SDG-7, SDG-12, SDG-13)” organised by Department of Physics in collaboration with NSS Unit, IU

The Department of Physics in collaboration with NSS Unit at Integral University organized an energy efficiency awareness activity for the students of Junior High School, Behta, with the aim of educating and empowering them to combat energy waste at home. The initiative sought to instil a sense of environmental responsibility and sustainability among the participants. Details of the extension activity are as follows:

Title: Educating Prathmik Vidyalaya Students to Combat Energy Waste at Home

Date: 22nd April, 2024

Time: 11:00 AM to 12:30 PM

Number of Participants: 25 students and 3 faculty members

Objectives:

- 1. Raise awareness:** The activity focused on educating the students about the importance of energy conservation and the adverse effects of energy wastage on the environment and their communities.
- 2. Foster behavioral change:** Through interactive discussions, demonstrations, and engaging activities, the aim was to inspire the students to adopt practical measures to reduce energy consumption at home.
- 3. Empowerment through action:** The students were equipped with the knowledge and tools necessary to become advocates for energy efficiency within their households, encouraging them to take proactive steps to implement energy-saving practices and promote sustainability in their communities.

Activity Details:

The activity commenced with a brief introduction to the importance of energy conservation, followed by interactive sessions where students actively participated in discussions on energy wastage and its consequences. Various demonstrations were conducted to illustrate practical measures to reduce energy consumption at home. After the demonstration on energy conservation, a quiz session was conducted to assess the students' understanding of the concepts discussed. The quiz comprised questions related to energy-saving practices and their benefits. As an incentive for active participation, LEDs were distributed as gifts to each student who answered a question correctly. This interactive approach not only reinforced the knowledge gained from the demonstration but also encouraged engagement and enthusiasm among the students towards adopting energy-efficient habits in their daily lives. Additionally, students from the Physics Department took the initiative to spread awareness by pasting informative posters throughout the school premises, emphasizing the importance of energy conservation, and encouraging sustainable

practices among their peers. Their proactive efforts further reinforced the message of environmental responsibility within the school community.

Outcome:

The energy efficiency awareness activity was well-received by the students, who actively participated and showed enthusiasm in learning about energy conservation. Through interactive discussions and engaging activities, the students gained valuable insights into the importance of minimizing energy wastage and were inspired to act in their households. By empowering the students with the knowledge and tools necessary to promote energy efficiency, the activity aimed to create a lasting impact on their behaviour and mindset towards sustainability.

Glimpses from event:



With best regards,

Prof. Shamoan Ahmad Siddiqui
Professor and Head
Department of Physics, Faculty of Science
Integral University, Lucknow