



**DEPARTMENT : PHYSICS**

**ACTIVITY : EXTENSION SERVICE**

**YEAR : 2019 – 2020**

**DEPARTMENT OF PHYSICS**

DATE	TIME	VENUE
20.02.2020	10:30 a.m. to 12:00 noon	Crescent Matriculation Higher Secondary School, Thirupalai
Theme	To Illuminate Minds with Consumption of Electricity	
Nature of the Activity	Extension Service	
Title	Basic Concept of Electricity	
Convener	Mrs.R.Kayalvizhi Head & Assistant Professor of Physics EMGYWC	
In Charge Staff	M.Preethi Assistant Professor of Physics EMGYWC	
Beneficiaries	Crescent Matriculation Higher Secondary School Students - 15	

**EXTENSION SERVICE ON “BASIC CONCEPT OF ELECTRICITY”**

**Objectives:**

To educate community members about the fundamental concepts of electricity consumption. To empower individuals with knowledge to make decisions regarding their energy usage.

**Report:**

**The content covered various aspects, including:**

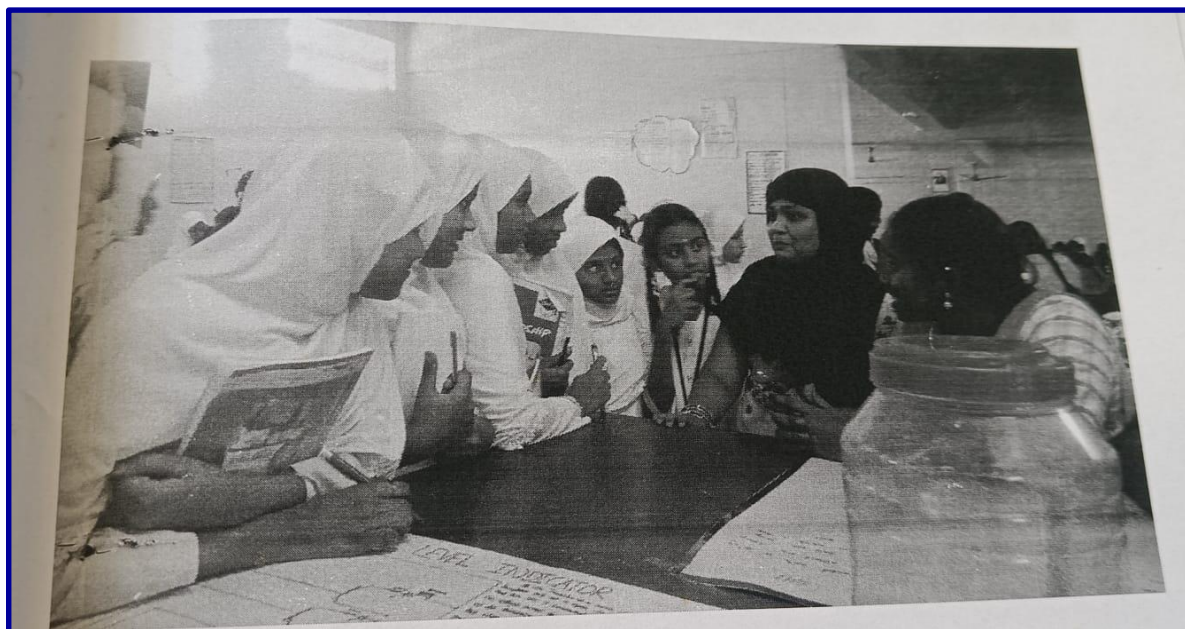
Basic principles of electricity, including voltage, current, and resistance, were explained to participants to establish a foundational understanding. Participants learned about the factors influencing electricity consumption, such as appliances, usage patterns, and energy-saving practices.

Strategies for optimizing energy usage and reducing consumption were discussed, including the importance of using energy-efficient appliances and implementing conservation measures. The service emphasized the importance of sustainable living practices and their impact on the environment, encouraging participants to adopt energy-saving habits in their daily lives.

**Outcome:**

- Illuminated the participant's minds about the consumption of electricity and its impact on the environment.
- Inspired the community members to make conscious choices regarding their energy usage, contribute to a greener future and sustainable living.
- The service played a crucial role in fostering a more environmentally conscious community.

**Photographs:**



**M.Preethi, Assistant Professor of Physics, offered Extension Service on  
"Basic Concept of Electricity" at Crescent Matriculation Higher Secondary School -  
20.02.2020**