

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**A school outreach program “Awareness on Plastic Pollution” was organized by Department of Chemistry / SFS and Department of ECE on 23.04.2024 at PUP School, Dhayanur, Karamadai Block, Coimbatore**

A school outreach program was organized by Department of Chemistry / SFS on 23.04.2024 at PUP School, Dhayanur, Karamadai Block, Coimbatore. The program was coordinated by **Mr.K.Karthik, AP-II/SFS-Chemistry, Dr. R. Ashokkumar, AP-II / SFS-Chemistry and Dr.K.Thilagavathi, AP- III/ECE**, 54 students of standard one to five and 3 Teachers attended the program. The session started at 2.00 pm with welcome address given by **Dr.K.Thilagavathi** followed by the video about KCT was played. Consequently, awareness on Plastic Pollution and Global Warming were addressed by **Mr.K.Karthik, and Dr. R. Ashokkumar**. The objective of this topic was to educate students about the pressing issues of global warming and plastic pollution, to create awareness about their causes and effects, and foster discussions on mitigation strategies and individual responsibility. An animated video on global warming was telecasted, providing an overview of its causes, effects, and implications for the environment and society. Following the video, a discussion session was held to deepen understanding and address questions from the students. A brief presentation was delivered on the impacts of plastic pollution on the environment and human health. The session highlighted the importance of reducing plastic consumption, proper waste management, and alternatives to single-use plastics. Students actively participated in discussions on mitigation strategies for global warming, including the importance of renewable energy, afforestation, sustainable transportation, and individual lifestyle changes. The session encouraged critical thinking and empowered students to explore practical solutions to environmental challenges.

**Dr.K.Thilagavathi** gave a talk on the effect of radiation which is emitted from Mobile phones and its precaution measures. The effects of mobile phone radiation have been a topic of ongoing research and debate. While mobile phones emit non-ionizing radiation, which is generally considered less harmful than ionizing radiation, there are concerns about potential health effects from long-term exposure. Studies have explored links between mobile phone use and conditions like headaches, sleep disturbances, and a possible increased risk of certain types of brain tumours. However, conclusive evidence regarding the direct impact of mobile phone radiation on human health is still lacking. As a precautionary measure, it's advised to use hands- free options, limit screen time, and maintain a safe distance from the body when using mobile devices.

Finlay, motivational talk and quiz were conducted by the Coordinators and then the students interacted with the coordinators.

The programme came to an end at 4.15 pm with the vote of thanks given by **Dr.K.Thilagavathi** and **Mr. K. Rameshkumar, HM of PUPS Dhayanur** followed by the distribution of prizes and mementoes to the students.

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