

Clean Energy and Clean Water Campaign

The Clean Energy and Clean Water Campaign was organized on 2nd October for 50 students from Government Vocational Higher Secondary School, Agali, Attappadi. Attappadi is a small town in Palakkad district with major population of Tribal communities. As part of the Clean Energy program, the students were given solar lamp kits and taught how to solder and assemble them to make their own solar powered study lamps which they can use even during power outages. The program encouraged the students to use renewable energy resources. The Clean Water Campaign demonstrated the significance of turbidity in drinking-water quality and its measurement using a digital turbidity meter. In addition, various cost-effective water purification methods were exhibited as: (i) Coagulation using aluminium sulphate (alum) and Moringa oleifera seeds powder for the removal of colloidal particles; (2) Filtration by a slow sand filter constructed by fine sand, coarse sand and activated carbon to remove dissolved solids; (3) Disinfection using chlorine tablets to kill pathogenic microorganisms. The vision of this campaign was to encourage the students to adopt clean and sustainable practices in various day-to-day activities and be ambassadors for these practices in their communities.

