



Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

MoE, UGC & AICTE Approved

NAAC A++ Accredited

7.4.3 Energy efficiency services for industry Provide direct services to local industry aimed at improving energy efficiency and clean energy

NEW INITIATIVES WITH INDUSTRY

Green Initiatives

Karunya in collaboration with SALZER, one of the largest ESCO (Energy Savings Company) has installed one energy saving kit for one of the street lights on the campus, thereby reducing the power consumption by 30%. This project provides hands-on training to the students in energy conservation. Measures have also been taken to conserve Energy and Water using energy efficient devices including sensors in the halls of residence, quarters and administrative blocks in the campus. All the student residences are provided with solar water heaters, an initiative that prevents the emission of 129.94 tons of CO₂ per year. As a major institutional project in conservation of Energy, roof top solar panels with a capacity of 95kW are installed in the administrative building, saving 520 units of EB power every day. As part of solid and waste water management four Biogas plants and four Sewage Treatment Plants have been installed in the campus. Hazardous wastes are separated before disposing waste water from laboratories into the soak pits. Polythene bags and plastics are segregated before Windrow Composting of organic waste. Incinerators are being used in the halls and residence to convert waste into ash.



Photographs of the visits on the equipment's inside the industry with the student team accompanied by faculty of EEE and EIE



Visit to the industry with the student team accompanied by faculty of EEE and EIE