Solid waste management has become a practical necessity in both urban and rural areas. When done efficiently, it can save energy and contribute to community health and village cleanliness. With this objective, KANAVU – a waste Management unit in Perinjanam Grama Panchayath of Thrissur District in Kerala was inaugurated on 25th August 2020. Gas generated from the plant is expected to provide for the domestic requirements of 20 households in the Tsunami Colony.

The facility was inaugurated by MLA – Shri E. T. Tyson Master in the presence of various district officials and others from the Suchitwa Mission.

Suchitwa Mission is the Technical Support Group (TSG) in Waste Management sector under the Local Self Government Department, Government of Kerala, responsible for providing technical and managerial support. The Mission is the nodal agency for implementing
Swachh Bharat Mission (Urban), Swachh Bharat Mission (Rural) and Communication and Capacity Development Unit (CCDU) in the State.

The solid waste management unit has been constructed on an old burial ground of around 45 cents in Ward No. 14 of the Grama Panchayath. It has been converted into a complete waste management unit comprising of a Material Collection Facility (MCF) and a Resource Recovery Facility (RRF) for non-biodegradable waste management and a BARC model biogas plant.

Waste that will be processed in the plant will come from the Tsunami Colony, local auditoriums as well as other butcher and poultry shops. Gas generated from the plant will be supplied to about 20 households in the Tsunami Colony.

The Biogas plant was constructed as a part of the GOBAR-Dhan scheme of the Swachh Bharath Mission (Grameen), utilizing 10 lakhs from SBM(G) fund and 25 lakhs from Suchitwa Keralam funds.

To enhance aesthetics around the facility, a beautiful garden, a water fountain, a fish farming pond, and ornamental birds have been brought in. Consequently, the waste management unit is an audio and visual treat to the minds of the people who visit the unit, helping change their views about waste management.