



7.4.1 Local community outreach for energy efficiency Provide programmes for local community to learn about importance of energy efficiency and clean energy

Theme: Karunya Community Outreach Programme *Tribal Upliftment and student Sensitization programme*)

The outreach extension activities of KITS was conducted at Pachinampathy village, Alandurai town panchayat.

Sl.No	Thematic Area	Subcomponent	Description	Budget (Rs. lakhs
1	Water	1.1. Water supply for domestic use	Construction of Overhead Tank 5000 lit capacity with Ferro cement to supply water to 82 households	0.7
		1.2. Irrigation supply to Community garden	Installation of Submersible Pump set (1 HP) in the second tube well and micro irrigation system	0.3
		1.3. Sewage water and rainwater	Recycling of sewage water system (Rs. 0.2 lakhs) & rainwater collection. 4 toilets (2 with mold and 2 with flyash) (0.72 lakhs) to be constructed.	0.9
		1.4. Solid waste Management system	Bins to be installed to collect Bio-degradable and Non bio-degradable materials separately (for further disposal). Black water and Grey water treatment arrangements	0.2
2	Food	2.1 Agriculture/ Farming/ Livestock	2.1.1. Vegetable cultivation (0.5 acre) Demonstration) 2.2.2.Millets (0.5 acre) 2.2.3. Kitchen Gardens on ST women group basis. Preferably using precision farming/irrigation methods. Training on Scientific, sustainable/ Good agriculture practices. 2.2.4. Scientific Poultry and Goat rearing (indigenous cages)	0.8
		2.2.Nutrition	Awareness & Training on Nutrition & Food Processing. Eradication of Malnutrition in villages	0.25
		2.3.Training & Awareness	Training for skilled farm practices and preparation of nutritious food for commercial sale by villagers	0.2

			Awareness about the nutritious food for children and women	
3	Renewable Energy	3.1.Solar Lighting/ LED lighting	Lighting for the purpose of enabling villagers for socializing. 3 Numbers (1 already existing & its battery to be replaced)	0.5
4	Health Care	4.1.Health monitoring of villagers	Survey to identify health problems and Fortnightly Health camps with help of Sheesha	0.2
5	Education	5.1.Enhancing literacy level of all	Survey to assess literacy level Eradicating Illiteracy among the villagers	0.1
6	Skill Development	6.1. Developing skill of all youth with > 10 th STD education	Training on Food Processing, weaving, wiring, welding, plumbing, etc for employability	0.2



Solar light installed in Pachinambathi Village



Student outreach programme in Pachinampathy village



Installation process



Students conveying the importance of cultivation



Ferrocement Tank constructed by KITS



Biogas Plant