

Bio Gas Program

Supported By:



NIIST Model



As part of the program, we have installed around 20 Biogas units in the program area. A digester of 350-litre volume is sufficient to treat around 3 kilograms wastes a day. It produces 250 to 600 liters of methane-rich biogas daily by loading of 1 to 3 kg wastes as input.

The salient features of this program are as follows:

- Better Solid Waste Management in the villages
- Cleaner surroundings and environment
- Supply of clean energy for households and optimum energy utilization
- Improved Bio diversity in the project area
- Reduction in Carbon emission into the environment
- Better health for the housewives
- Reduction in cost of household energy needs as well cost of cultivation
- Reduction in application of harmful chemical fertilizers, poisonous pesticides for crops and increase in the use of natural fertilizers, pesticides. This has reduced the seepage into soil and thus improving soil health

**Technology From the National Institute for Interdisciplinary Science and Technology (NIIST),
Thiruvananthapuram.**



Deen Bandhu Biogas Project







