Primary objective of the project was the installation of a 100 cu. m capacity kitchen waste-based biogas plant in the crematorium premises. The gas produced in the biogas plant is further passed through the scrubbers where hydrogen sulphide is removed. Finally, purified methane gas is charged into the crematorium’s burner to be used as fuel along with regular LPG cylinders for cremation. Initially, the operator used to consume about 4 commercial LPG cylinders (19 kgs each) for the cremation of an average of 5 corpses a day. This amounted to a daily expenditure of ₹ 4,180 (approx.). Thus, on an average, about 120 LPG cylinders were consumed on a monthly basis. However, the operator charged only ₹ 1750 per cremation from the bereaved. In order to bring down the cost, the Coimbatore City Municipal Corporation initiated this innovative project in 2015.

- After installation of the Biogas plant, the usage of LPG cylinders has been reduced to 62 cylinders per month at the rate of 2 cylinders per day thereby reducing the cost to ₹2,080 (approx.) per day.
- The plant does not release any foul odour and the water released from the plant is let out into the existing underground sewerage system.