



HINDUSTAN COLLEGE OF ARTS & SCIENCE

Affiliated to University of Madras | NAAC Reaccredited | 2(f) Status by UGC
Christian Minority Institution | A Unit of Hindustan Group of Institutions
Rajiv Gandhi Salai (OMR), Padur, Kelambakkam, Chennai - 603 103.

BEST PRACTICE - ZERO WASTE MANAGEMENT PROJECT BY ENVIRO CLUB



INAUGURATION OF BIOGAS PLANT

Inaugurated by
Dr. SUSAN MARTHANDAN
Director, HCAS

JULY
22
2022 | FRIDAY
4.00 PM

Biogas Plant

Renewable Source
of Energy



Global Warming



Overflow Tank

Spent Slurry

Outlet Chamber

Digester Tank



Benefits of biogas

- Sustainable energy
- Sustainable nutrients
- Scalable and local
- Reduces pathogens
- Diverts waste from aerobic treatment plants and landfills

Uses of biogas

Domestic Fuel For Street Lighting
Generation of Electricity
If compressed, it can replace
compressed natural gas for use in
vehicles

