



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),
Sivakasi**

(Affiliated to Madurai Kamaraj University, Reaccredited with "A" Grade by NAAC,
College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

NAAC SSR Cycle IV (2015-2020)

**7.1 Institutional Values and Social
Responsibilities**

7.1.2. Alternate Sources of Energy

Bio-Gas Plant



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Utility of Bio-Gas Plant in The Campus

Bio gas, the naturally formed bio fuel is generated from Organic matter through Anaerobic Digestion. In a way to contribute towards the nation's energy saving plans, the Institution has constructed its own Bio-Gas plant in the campus. The fuel is generated using the Night soil collected from the Hostel and the vegetable waste from the canteen and energy equivalent to 38 Kgs of LPG is saved every month which adds up to 456 LPG gas per year. The gas generated is used for cooking purposes in Hostel and it also helps to recycle the waste to control methane pollution.

S.No	Utility	Numbers	Conservation details
1	Biogas plant	1	38 Kgs of LPG is saved per month



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Geotagged Photograph of Bio Gas Plant





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Details of Installation of Bio-Gas Plant



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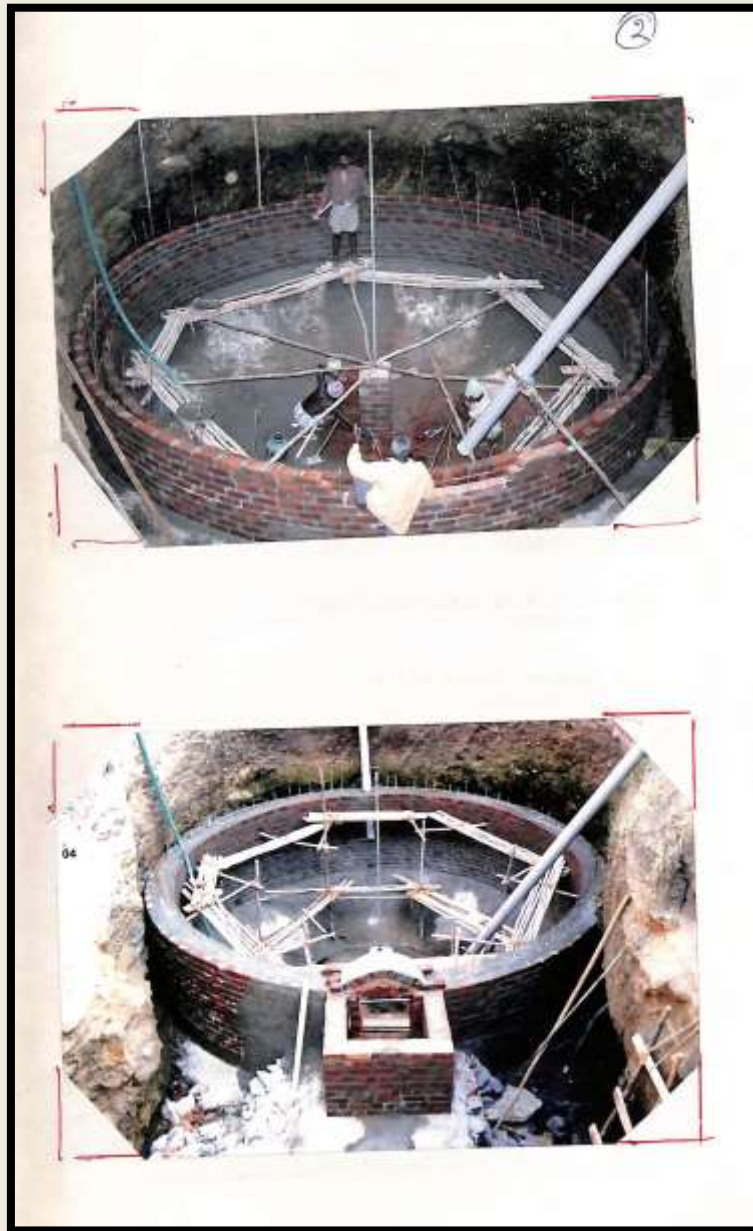
Photographs of Construction of Bio-Gas Plant





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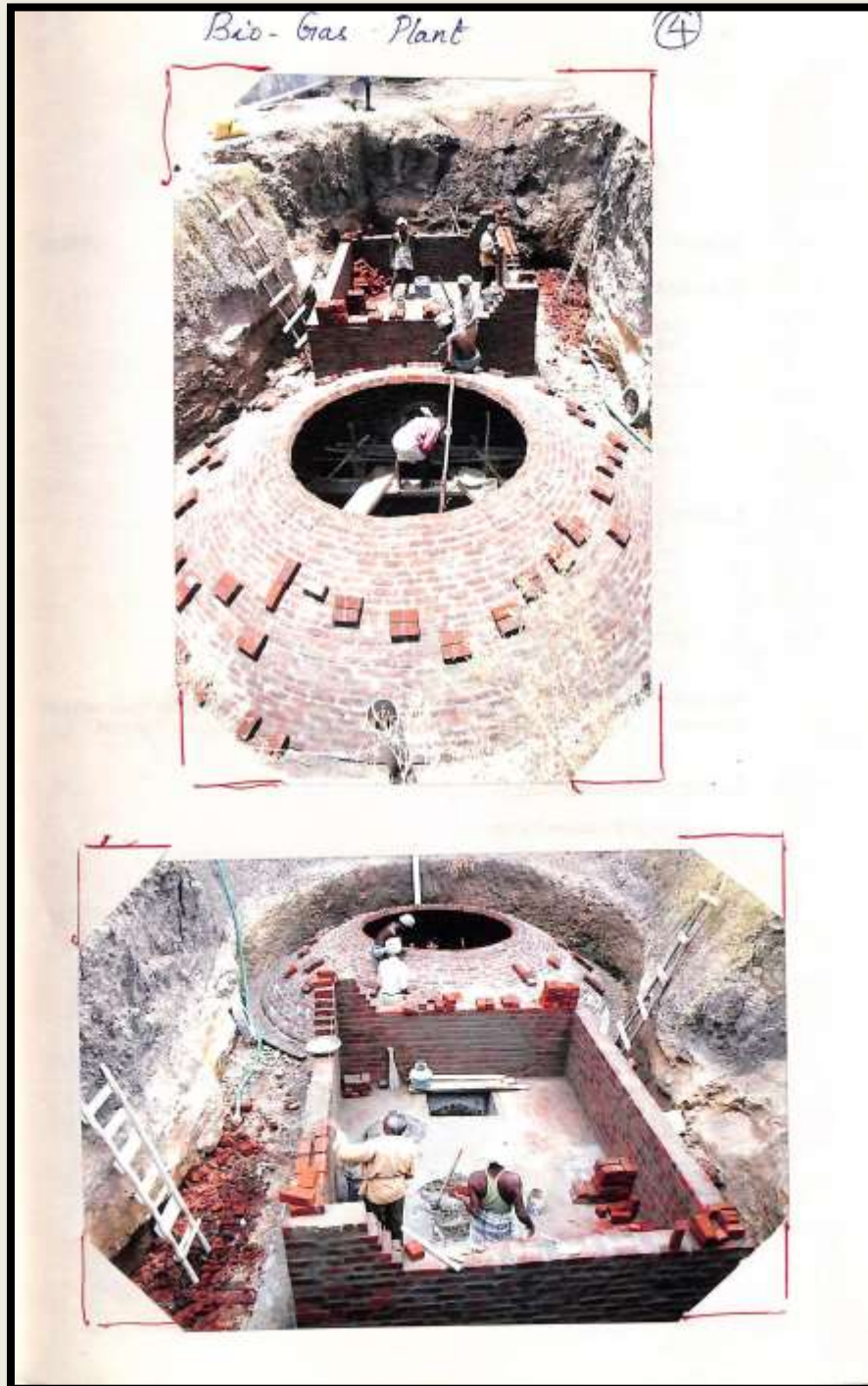
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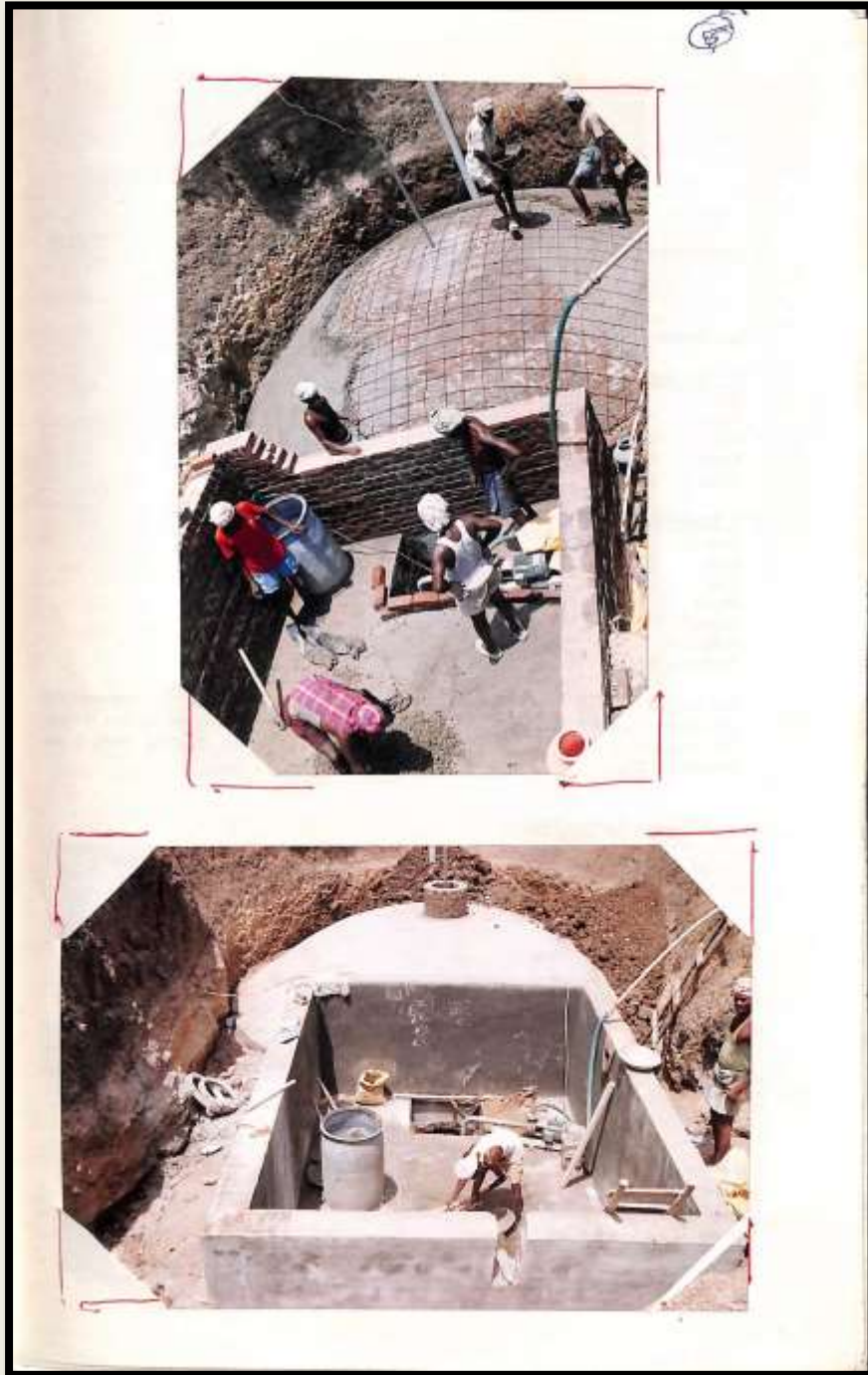
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