

Rayat Shikshan Sanstha's

Savitribai Phule Mahila Mahavidyalaya, Satara

7.1.2 Alternate Sources of energy : Solar Panel- 15 KV





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7.1.2 Alternate sources of energy and energy conservation

Bio-Gas Unit

Boigas Unit

Biogas Originates from bacteria by bio-degradation of organic material under anaerobic (Without Oxygen) Condition.

The generation of biogas is an important part of biogeochemical carbon cycle

Cu.Meter	Tank Size in Ltr.	Feeding Material		Daily Biogas Production
		Dry	Wet	
1	1000	1 kg	2kg	250-300 gm

Notable Features-

- Absolutely eco- friendly.
- Totally naturally process.
- Minimises air and water pollution.
- Reduction of greenhouse gas emissions.
- Substitutes for fuel wood and kerosene.
- Renewable energy source.
- Reduce household waste.



Waste - Dry and Wet Food Wastage of Canteen

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LED Tube light and LED Panel Light at College

