

**7.4.4 (a) Support Government in  
clean energy and energy-efficient  
technology policy development  
(Pyrolysis Bio Gas Plant)**

## New Pyrolysis Bio Gas Plant @ Crescent

(Sponsored by Central Leather Research Institute, CSIR, Government of India)

[ Total Cost : INR 35,00,000 ;

Contribution by CLRI Govt of India : INR 24,00,00 & by this Institute : INR 11,00,000 ]



## Biogas Methanization Plant

A Biogas plant of 50m<sup>3</sup> capacity in Ladies Hostel was commissioned in June 2017 to recycle the food waste generated from the Hostel mess and Canteen in the campus. The biogas generated is utilized in Ladies Hostel mess kitchen.



## Biogas Generation (Statistics)

### BIO GAS GENERATION FOR THE PERIOD OF APRIL 2018- MARCH 2020

Month	Total Gas consumed(cum)	Equivalent to LPG (KG)	Cost Saved
April'18	195	87.75	5,839.00
May'18	138	62.1	4,105.00
June'18	11.03	4.96	327.82
Aug'18	110.814	49.86	3,296.42
Sept'18	55.56	25	1,993.58
Oct'18	51.196	23.03	1,941.79
Nov'18	49.905	22.45	2,006.32
Dec'18	17.099	7.69	608.72
Jan'19	180	81	5,280.00
Feb'19	366	164.7	12,062.00
Mar'19	153	68.5	5,016.00
Apr'19	360	162	10,560.00
May'19	178	80.1	5,510.00
Jun'19	94	42	2,601.00
July'19	192	86.4	5,679.00
Aug'19	274	123.3	7,289.00
Sept'19	186	83.7	5,170.00
Oct'19	330	148.5	9,371.13
Nov'19	190	85.5	5,935.50
Dec'19	112	50.4	3,535.95
Jan'20	92	41.4	2,139.00
Feb'20	80	36	2,232.00
March'20	56	25.2	1,465.00
<b>Total</b>	<b>4897.604</b>	<b>2202.94</b>	<b>149451.8</b>