



Environmental Consciousness and Sustainability

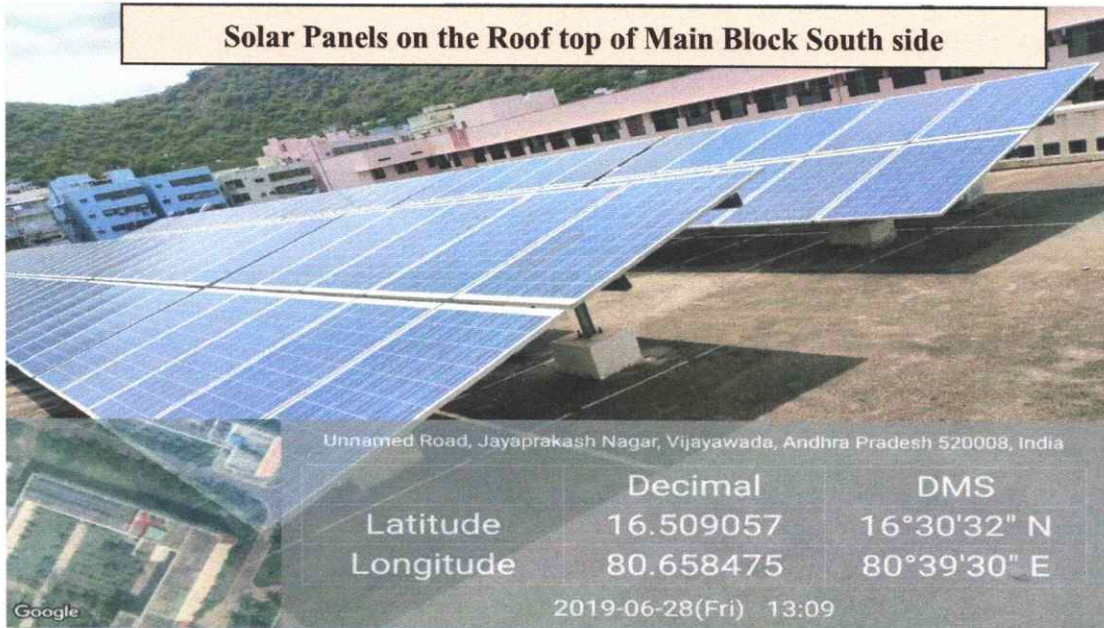
7.1.2: Facilities for alternative sources of energy and energy conservation measures:

Ans: A. All of the Above

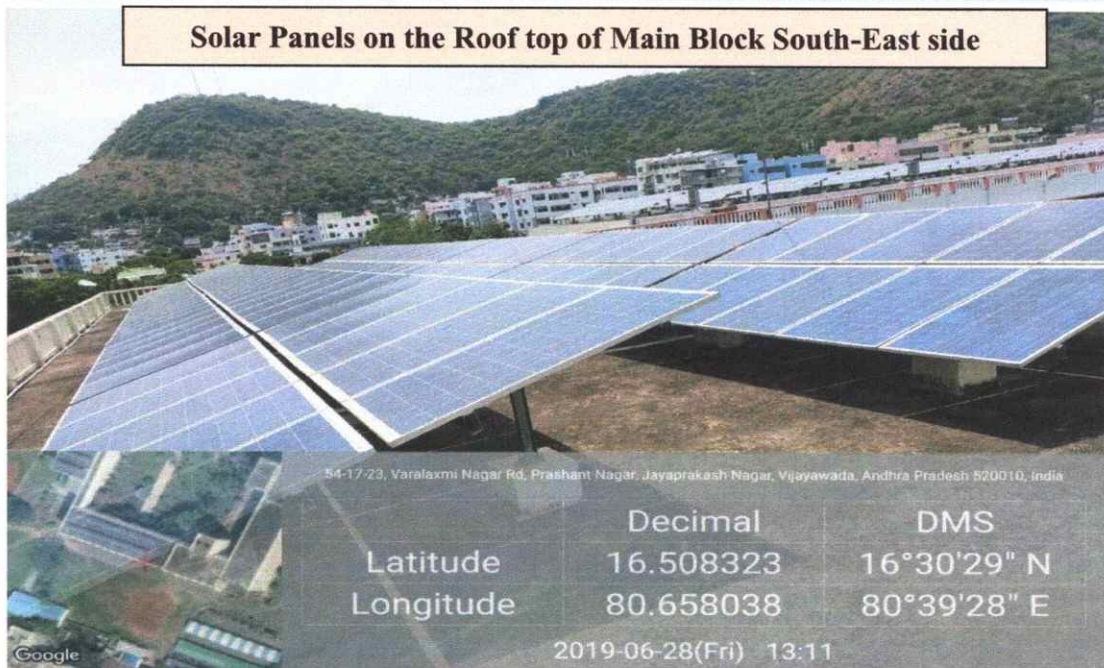
1. Solar Energy:

**Geo tagged photos of alternate energy Source
432 Solar Panels in the campus**

Solar Panels on the Roof top of Main Block South side



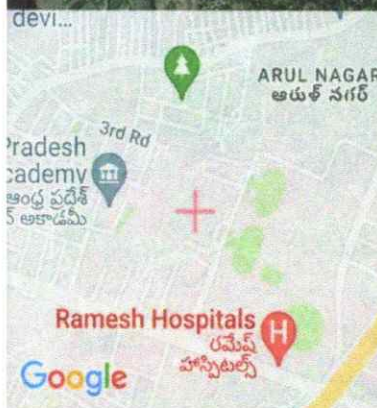
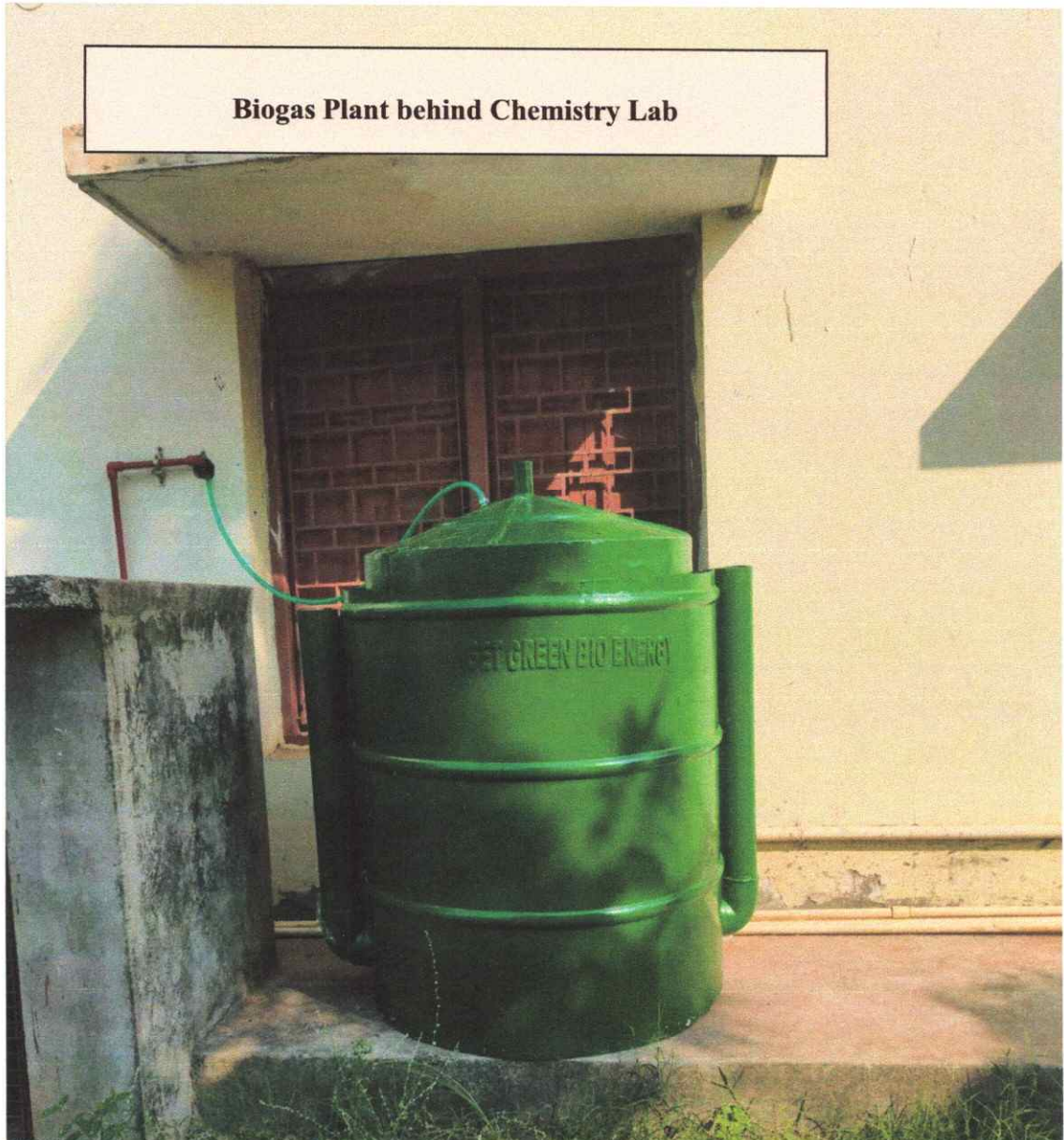
Solar Panels on the Roof top of Main Block South-East side



[Signature]
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VIJAYAWADA-520 008**



2. Biogas Plant





Andhra Loyola Institute of Engineering and Technology, Vijayawada, Andhra Pradesh

	Decimal	DMS
Latitude	16.509024	16°30'32" N
Longitude	80.658122	80°39'29" E
2022-02-24(Thu)		15:23

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3. Wheeling to the Grid & Inverter:

Wheeling to the Grid and Inverter in the campus	
	
<p>54-17-18, Varalaxmi Nagar Rd, Prashant Nagar, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520010, India</p> <p>Latitude 16.5096291° Longitude 80.6567287°</p> <p>Local 02:09:54 PM Altitude -47.3 meters GMT 08:39:54 AM Thursday, 24-06-2021</p>	<p>54-17-18, Varalaxmi Nagar Rd, Prashant Nagar, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520010, India</p> <p>Latitude 16.50896019° Longitude 80.65804068°</p> <p>Local 02:14:49 PM Altitude -45.12 meters GMT 08:44:49 AM Thursday, 24-06-2021</p>

4. Sensor-Based energy conservation:

Sensor- Based Water refilling in the Overhead Tanks:

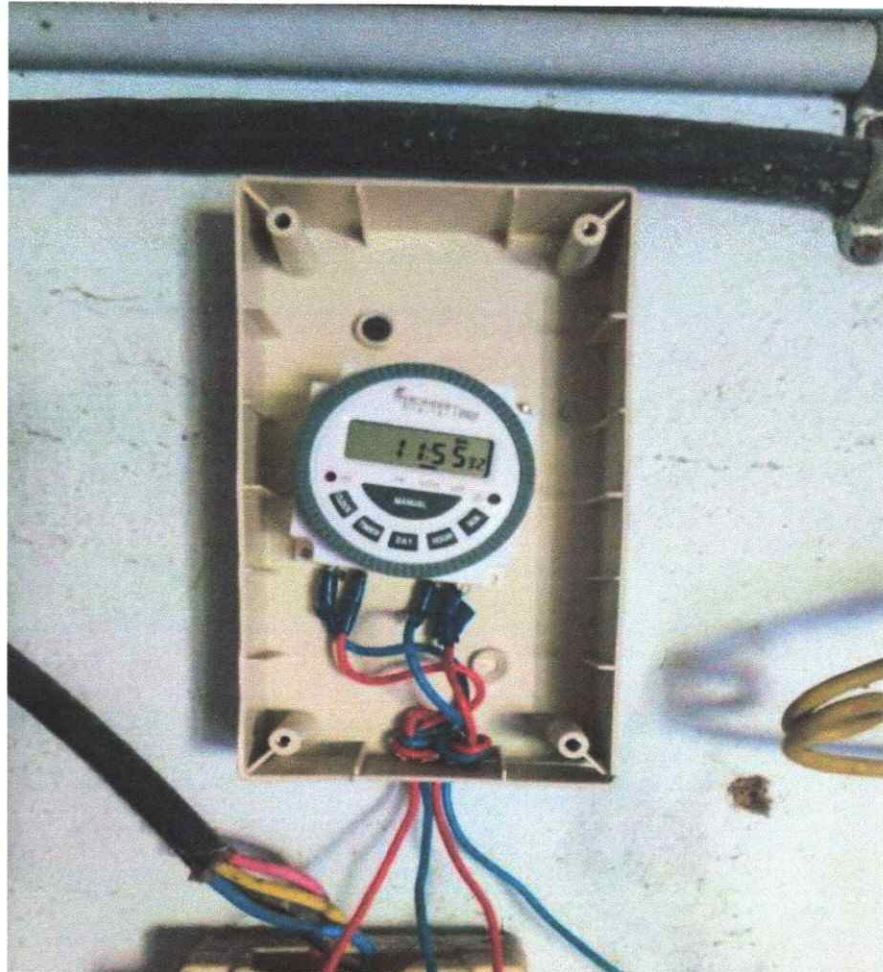
Sensor Based switches for water refilling in the campus	
	
<p>54-17-23, Varalaxmi Nagar Rd, Prashant Nagar, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520010, India</p> <p>Latitude 16.5084688° Longitude 80.6584671°</p> <p>Local 11:54:00 AM Altitude -59.9 meters GMT 06:24:00 AM Wednesday, 23-06-2021</p>	<p>54-17-18, Varalaxmi Nagar Rd, Prashant Nagar, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520010, India</p> <p>Latitude 16.5094128° Longitude 80.6585214°</p> <p>Local 12:04:31 PM Altitude -54.7 meters GMT 06:34:31 AM Wednesday, 23-06-2021</p>

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Sensor- Based Power Supply to the college Street Lights:

Sensor Based switches for Street Lights in the campus



54-17-18, Varalaxmi Nagar Rd, Prashant
Nagar, Jayaprakash Nagar, Vijayawada,
Andhra Pradesh 520010, India

Latitude

16.5079447°

Local 11:57:01 AM

GMT 06:27:01 AM

Longitude

80.6575679°

Altitude -60 meters

Wednesday, 23-06-2021

for
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5. Use of LED Bulbs/ Power Efficient Equipment:

543 LED Bulbs meeting 68.50% of power requirement

Seminar Hall with LED Bulbs



54-17-18, Varalaxmi Nagar Rd, Prashant Nagar, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520010, India

Latitude 16.50860029° Longitude 80.65853204°
Local 04:24:03 PM Altitude -56.94 meters
GMT 10:54:03 AM Thursday, 24-06-2021



54-17-18, Varalaxmi Nagar Rd, Prashant Nagar, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520010, India

Latitude 16.5089641° Longitude 80.6587182°
Local 04:23:51 PM Altitude -57.3 meters
GMT 10:53:51 AM Thursday, 24-06-2021

Class Rooms and Campus Street Lights with LED



54-17-18, Varalaxmi Nagar Rd, Prashant Nagar, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520010, India

Latitude 16.50887979° Longitude 80.65873633°
Local 04:26:10 PM Altitude -51.96 meters
GMT 10:56:10 AM Thursday, 24-06-2021



54-17-18, Varalaxmi Nagar Rd, Prashant Nagar, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520010, India

Latitude 16.50897821° Longitude 80.65862993°
Local 04:25:49 PM Altitude -53.71 meters
GMT 10:55:49 AM Thursday, 24-06-2021



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An ISO 9001 : 2015 Certified Institution

Street Lights with LED



54-17-18, Varalaxmi Nagar Rd, Prashant Nagar, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520010, India

Latitude 16.50810255° Longitude 80.65871436°
Local 02:25:16 PM Altitude -53.74 meters
GMT 08:55:16 AM Thursday, 24-06-2021



54-17-18, Varalaxmi Nagar Rd, Prashant Nagar, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520010, India

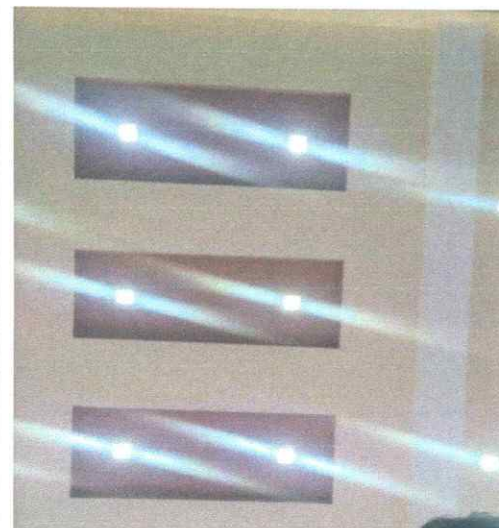
Latitude 16.50810396° Longitude 80.65871232°
Local 02:25:15 PM Altitude -53.79 meters
GMT 08:55:15 AM Thursday, 24-06-2021

Corridors with LED Bulbs



54-17-18, Varalaxmi Nagar Rd, Prashant Nagar, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520010, India

Latitude 16.50854536° Longitude 80.65850409°
Local 04:20:45 PM Altitude -54.38 meters
GMT 10:50:45 AM Thursday, 24-06-2021



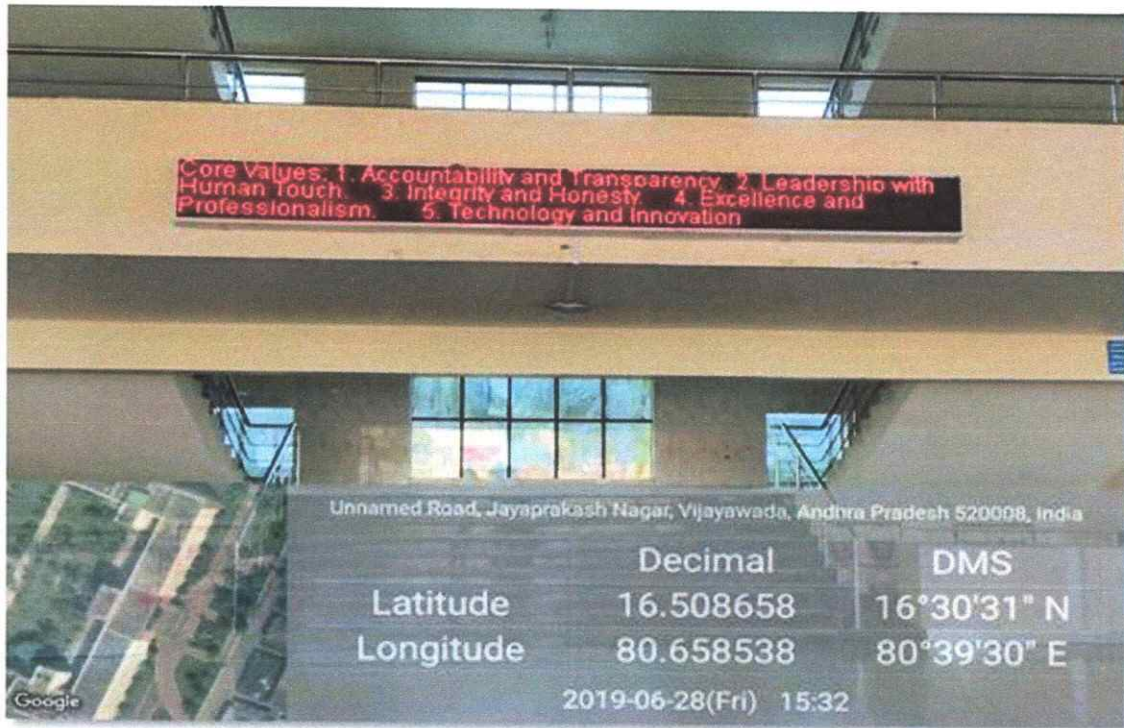
54-17-18, Varalaxmi Nagar Rd, Prashant Nagar, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520010, India

Latitude 16.50859187° Longitude 80.65851913°
Local 04:21:46 PM Altitude -58.48 meters
GMT 10:51:46 AM Thursday, 24-06-2021

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LED Display Board – Main Portico



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