



VISVESVARAYA

COLLEGE OF ENGINEERING & TECHNOLOGY



Approved by AICTE, New Delhi & Govt. of T.S. Accredited with NAAC 'A' Grade, Affiliated to JNTUH, Hyderabad
Sponsored by : Jawahar Educational Society, An ISO 9001 : 2018 and ISO 14001 : 2015 Certified Institution

7.1.2: The Institution has facilities for

1. The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

Geo-tagged photographs of the facilities

INDEX

Sl. NO	Details	Pg.No
1	Solar energy	1
2	Bio gas plant	3
3	Wheeling to grid	4
4	Sensor- based energy conservation	5
5	Use of LED bulbs/Power efficient equipment	7

Principal

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Ranga Reddy (Dist), TS-501 510.



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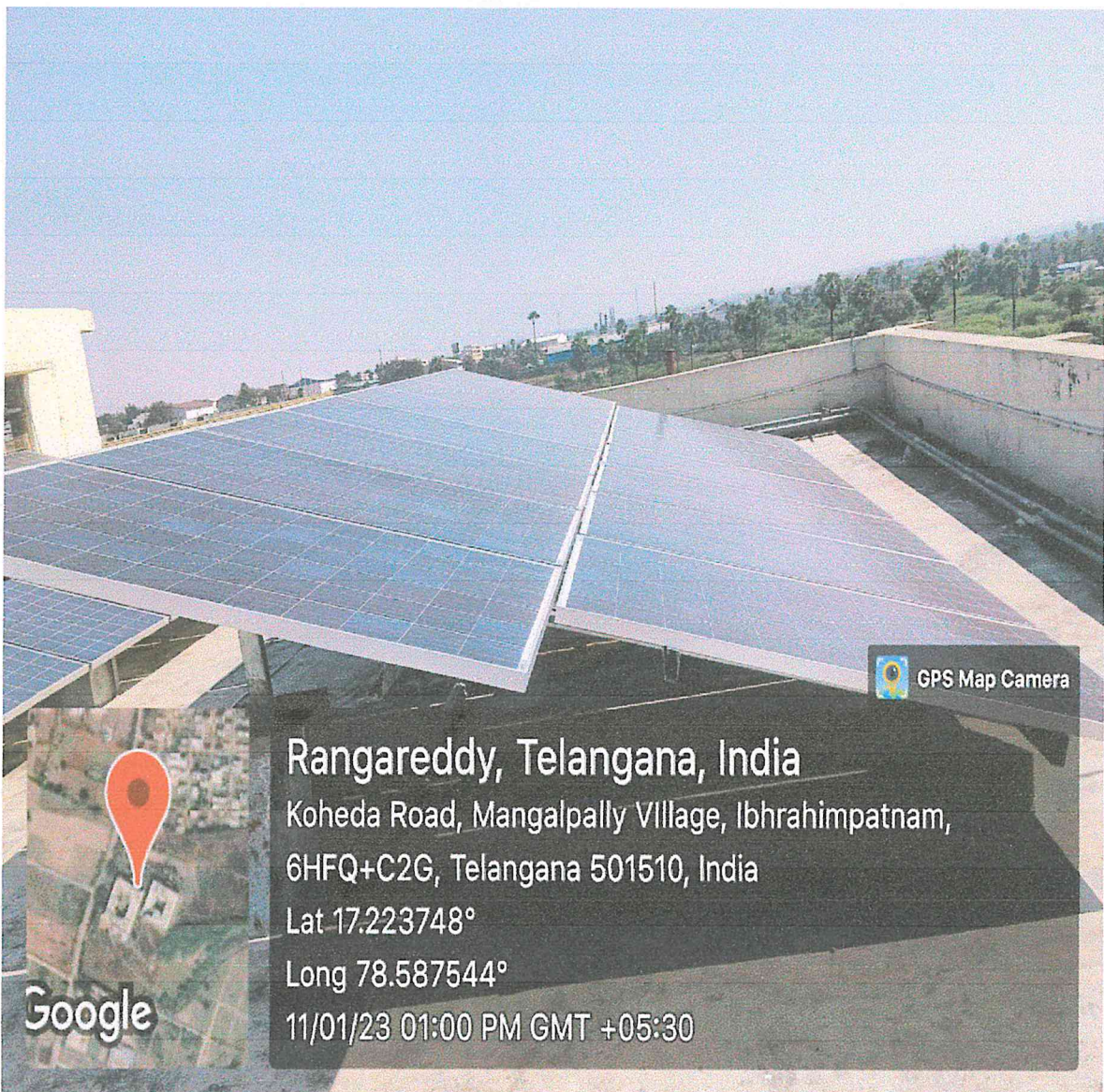
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7.1.2: The Institution has facilities for alternate sources of energy and energy conversation measures

1.Solar energy



Corner view of solar plant 10 Kwp

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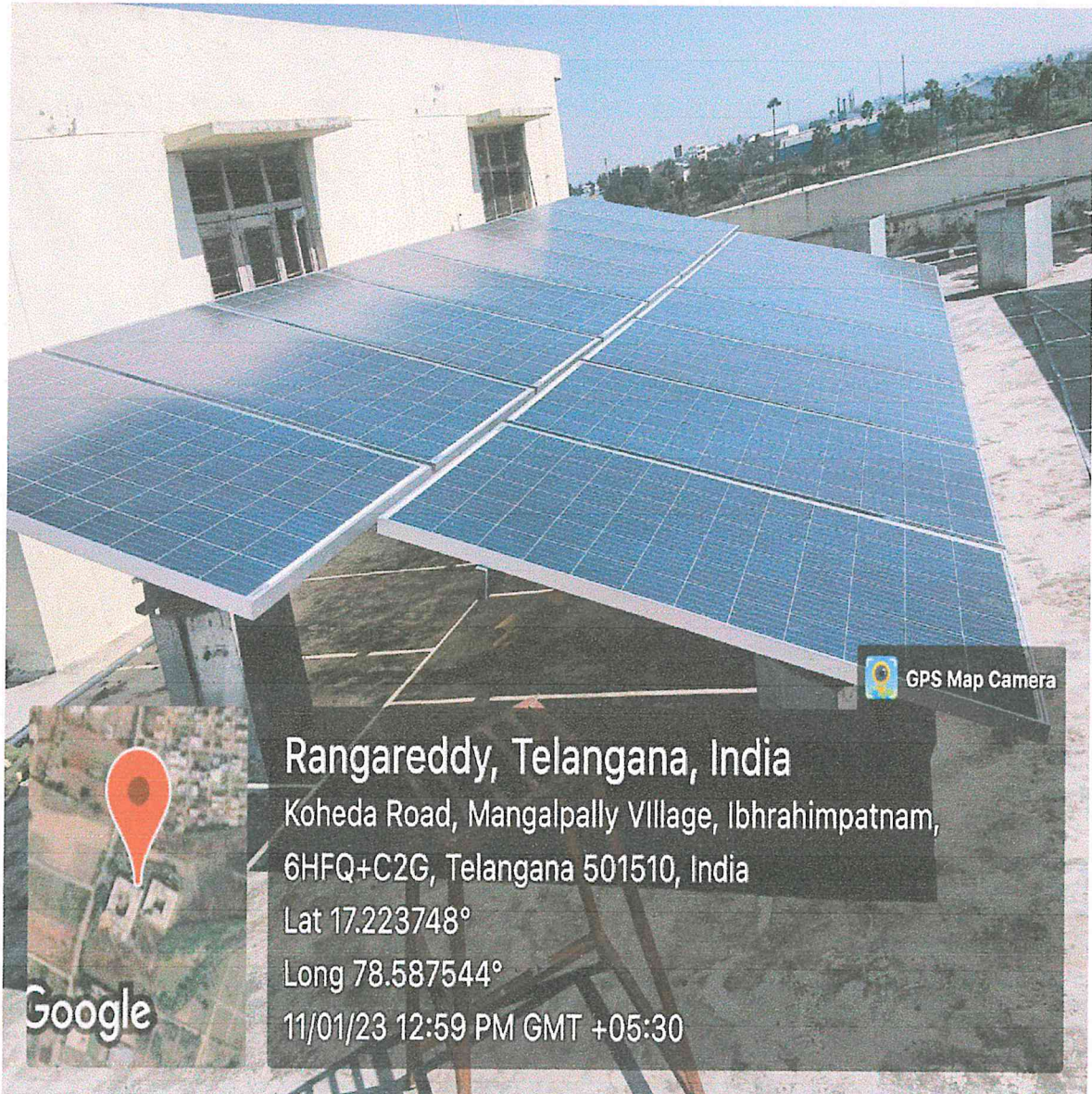


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Front view of solar power plant 10 Kwp

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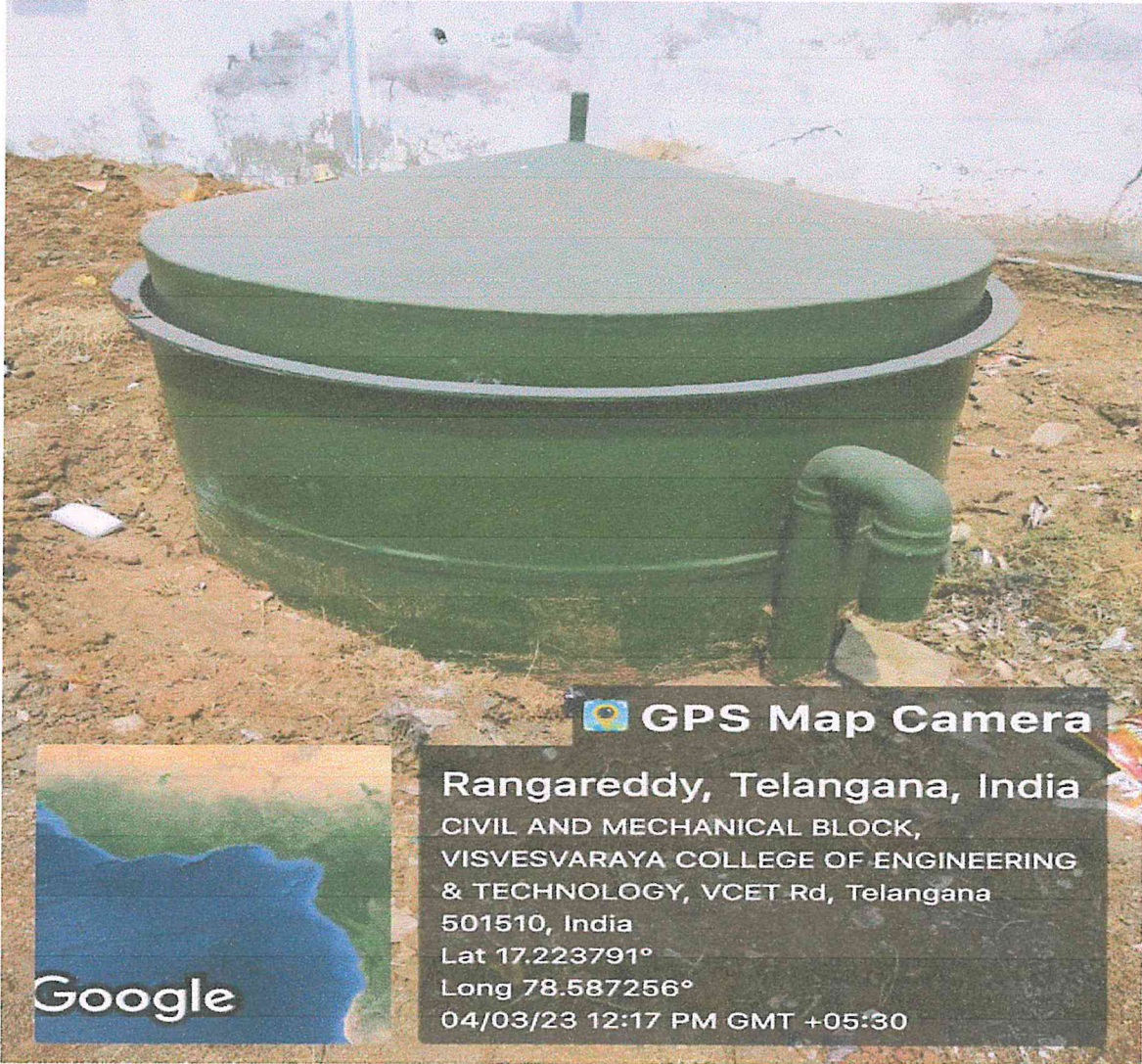
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2. Bio gas plant in Block-A



Bio gas plant with food waste and cattle dung input

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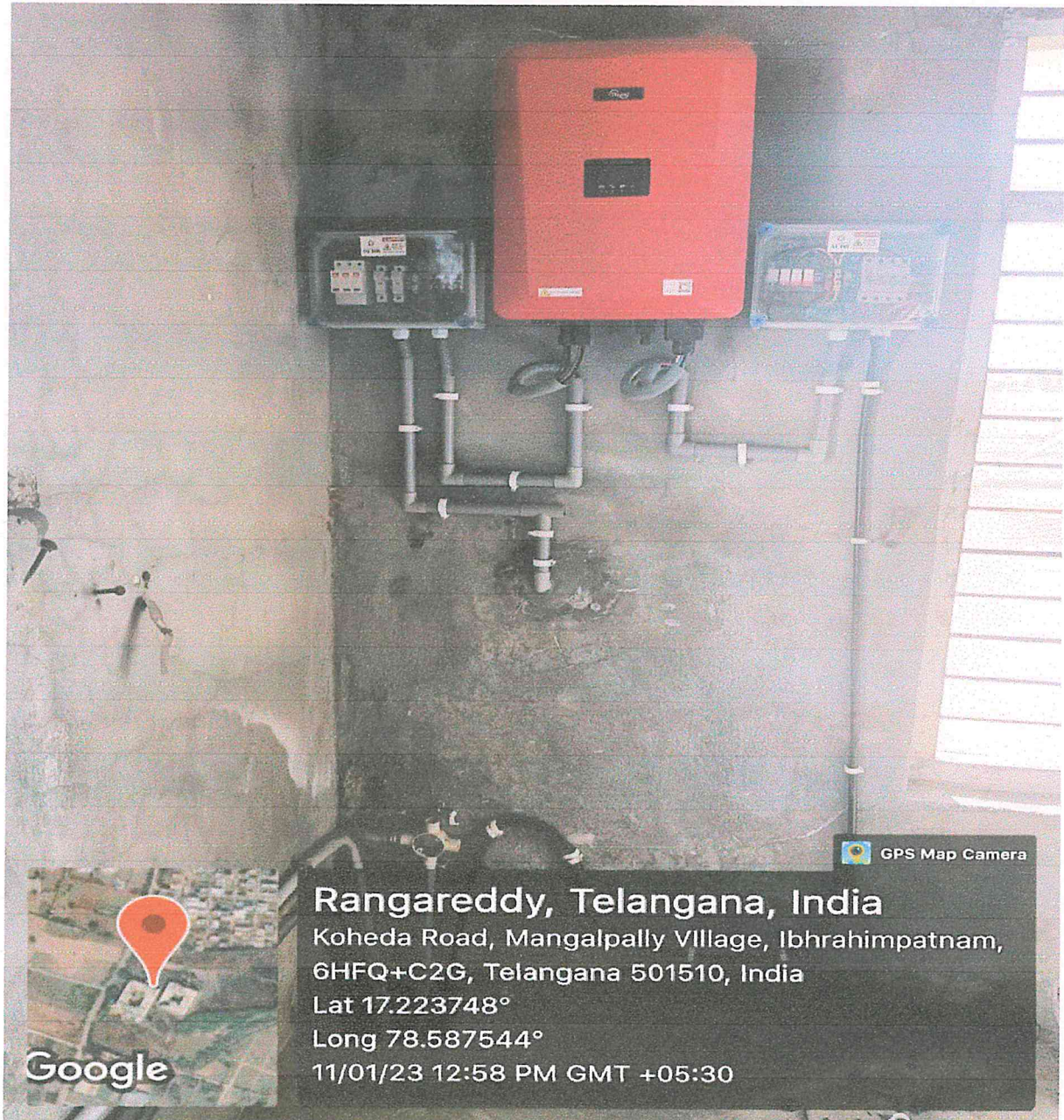
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3. Wheeling to Grid



Wheeling to grid metering display arrangement with display

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4.Sensor-based energy conservation



Sensor-based street lights towards main block

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Sensor-based street lights in the campus

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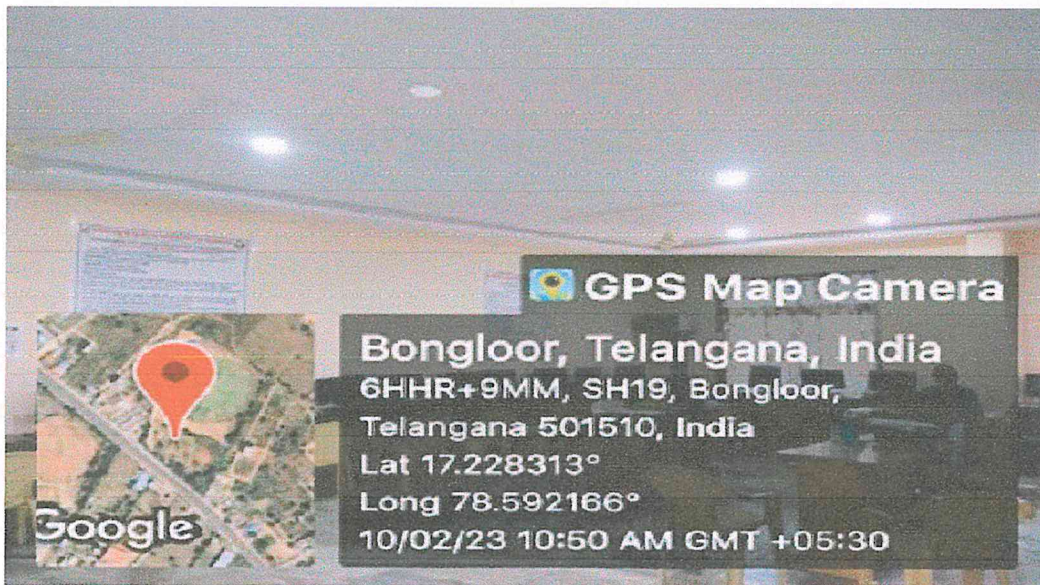
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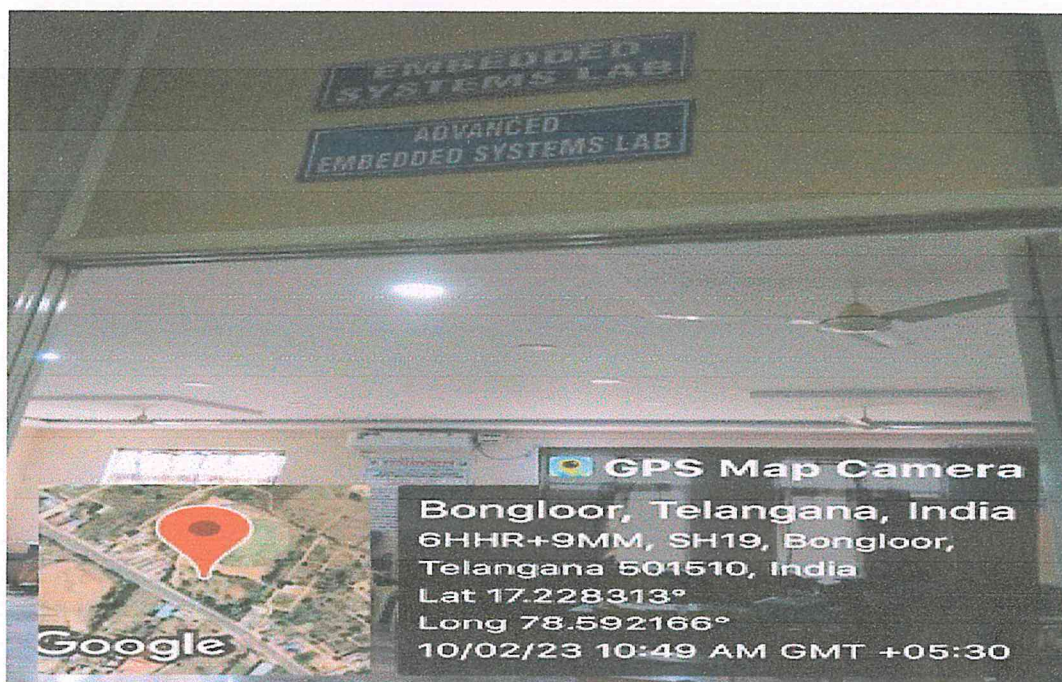
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5. Use of Led bulbs/power efficient equipment



Usage of led bulbs in CP-V Lab



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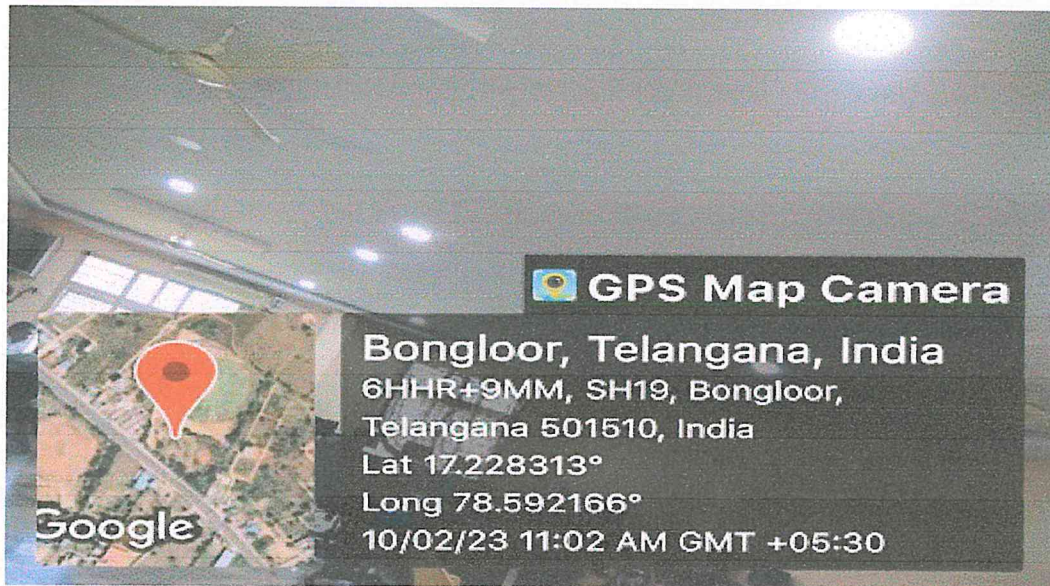
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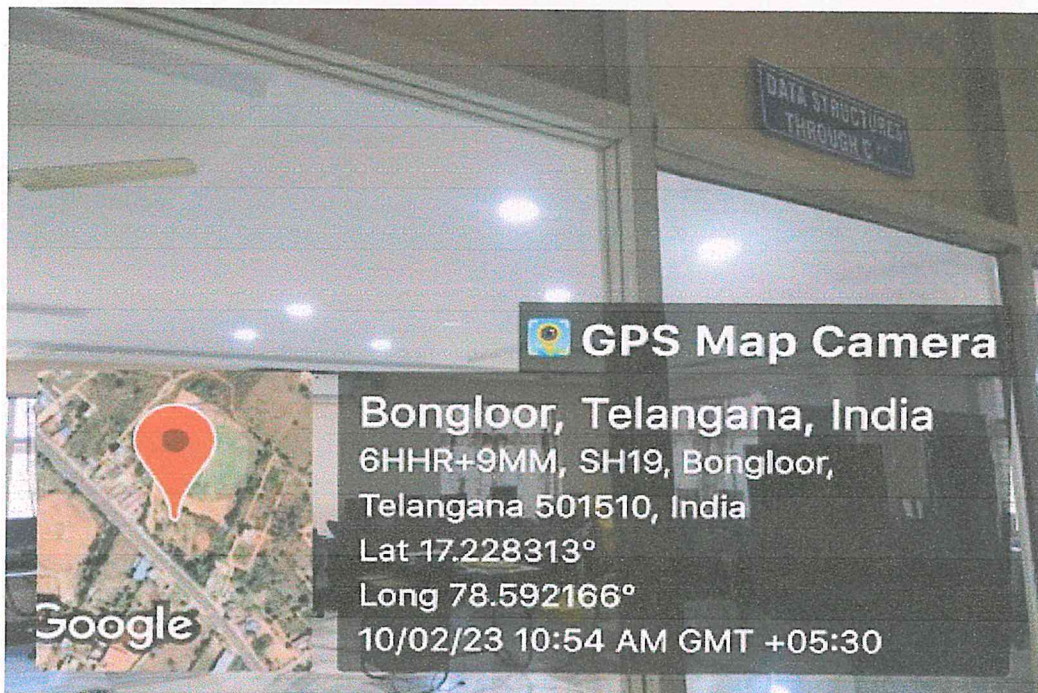
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Usage of led bulbs in Embedded systems Lab



Usage of LED bulbs in CP-VI Lab



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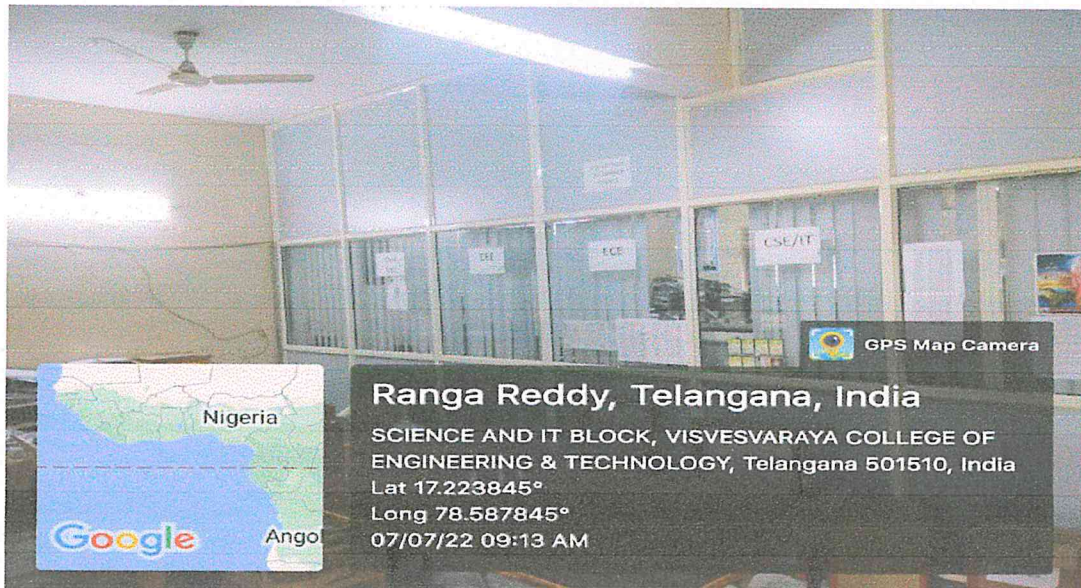
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Usage of LED bulbs in Data structure Lab



Usage of Led Bulbs in Examination Branch

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7.1.2: The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures

Any other relevant information

INDEX

S.N O	Details	Pg.No
1	Purchase order of Solar power plant	1
2	Tax Invoice of solar power plant	2
3	Purchase order of Biogas plant	4
4	Tax Invoice of Biogas plant	5

DM

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Ranga Reddy (Dist), TS-501 510.

POWER GENERATION/CONSUMPTION DETAILS

S.L.NO	Month	Year	10K w	Total Solar Power Generat ed by vcet	Total Power Consum ed by (VCET)	Main Power Consumed by vcet (vcet)	Net Meter Reading (Solar Power Delivered To T SPDCL)
1	MARCH	2024	4340	10182	19652	19454	208
2	FEBRUARY	2024	4310	9923	13874	12015	1864
3	JANUARY	2024	3760	8927	11804	9099	2722
4	DECEMBER	2023	3750	8916	23282	22793	528
5	NOVEMBER	2023	2600	6168	26160	26093	375
6	OCTOBER	2023	3940	9254	18605	17121	1770
7	SEPTEMBER	2023	3250	7656	27002	27263	181
8	AUGUST	2023	3080	7233	19188	19253	174
9	JULY	2023	2920	6850	13197	11462	1878
10	JUNE	2023	3090	7257	5886	1774	4180
11	MAY	2023	3610	8399	4612	1400	4359
12	APRIL	2023	4080	9567	8535	4867	3799
13	MARCH	2023	4570	10731	16222	15947	560
14	FBBRUARY	2023	4160	9811	11622	9777	2200

DRM

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SOLAR POWER GENERATION CONTROL UNIT



DPan

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SOLAR POWER GENERATION FROM 10 KW UNIT JAN,FEB-2023



SOLAR POWER GENERATION FROM 10 KW UNIT DEC-2023

DPM

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SOLAR POWER GENERATION FROM 10 KW UNIT NOV-2023

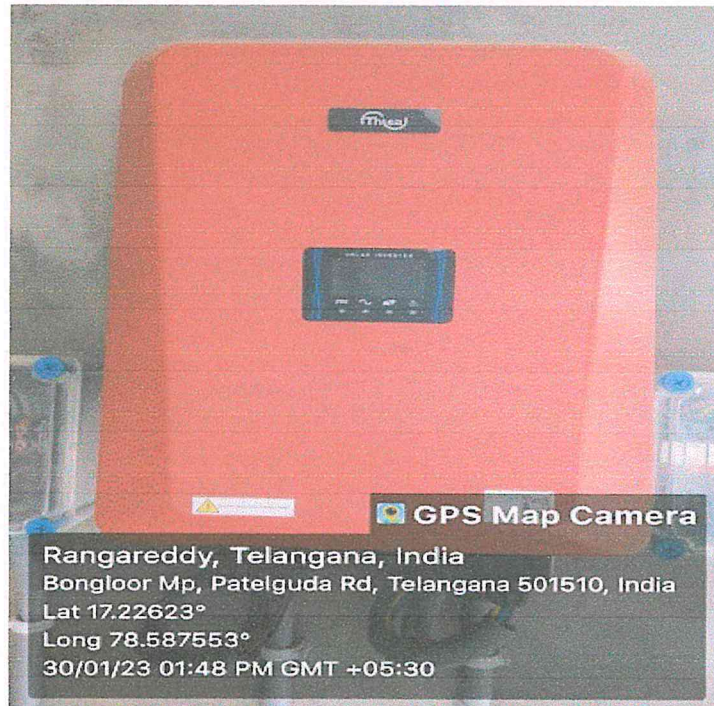


SOLAR POWER GENERATION FROM 10 KW UNIT SEP,OCT-2023

5
DPM
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Visvesvaraya College of Engineering & Technology
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Ranga Reddy (Dist), TS-501 510



SOLAR POWER GENERATION FROM 10 KW UNITS JULY,AUG-2023



SOLAR POWER GENERATION FROM 10 KW UNITS MAY,JUNE-2023

DPM
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SOLAR POWER GENERATION FROM 10 KW UNITS MARCH, APRIL-2023



SOLAR POWER GENERATION FROM 10 KW UNITS JAN, FEB-2023

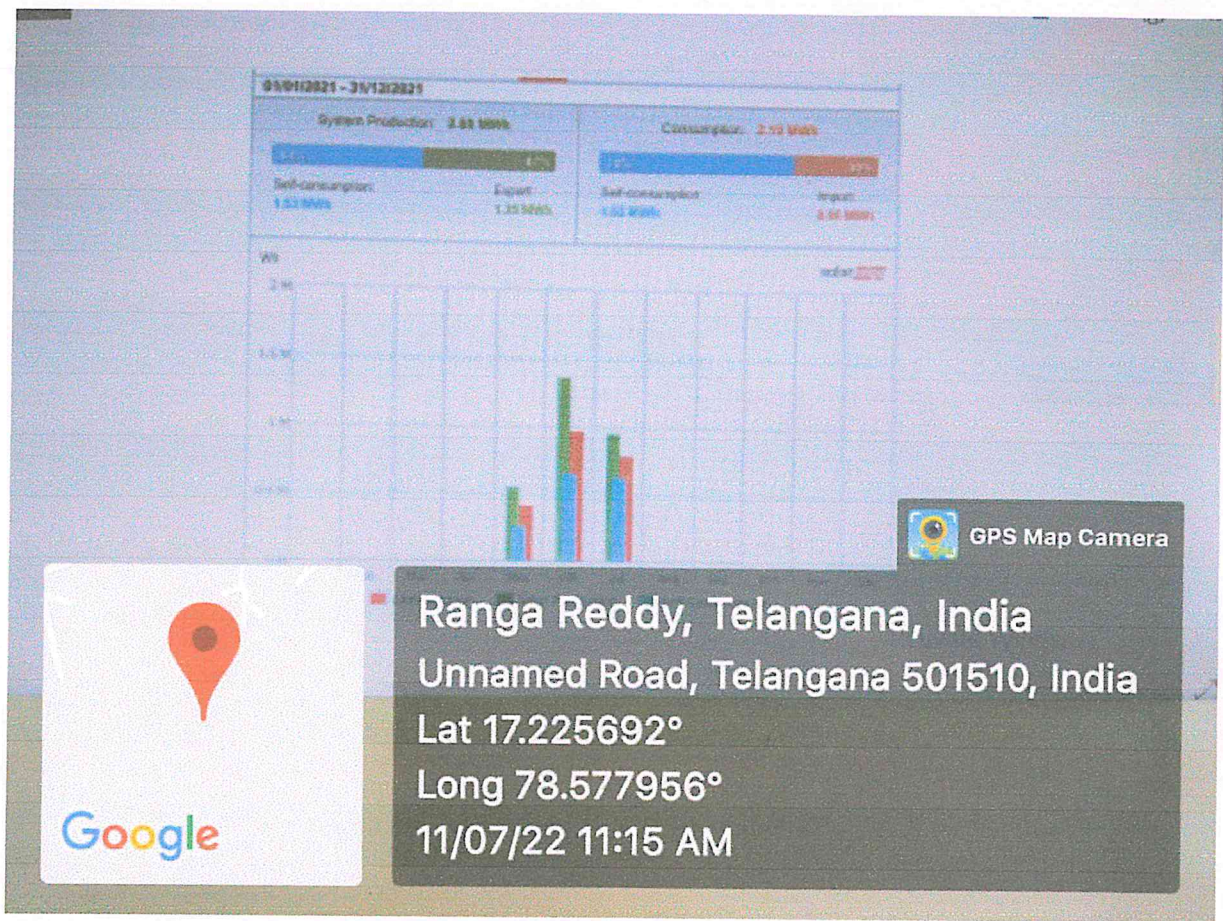
DEM
Principal
Sri Vasavarama College of Engineering,
S.P. Patalguda (V), Ibrahimpatnam (M),
Rangareddy (Dist), TS-501 510.



SOLAR POWER GENERATION FROM 10 KW UNIT 01-01-2023 TO 31-12-2023

JPM

Principal
Vengal Rao College of Engineering & Technology
M.P. Patelguda (V), Ibrahimpatnam (M),
Ranga Reddy (Dist), TS-501 510.

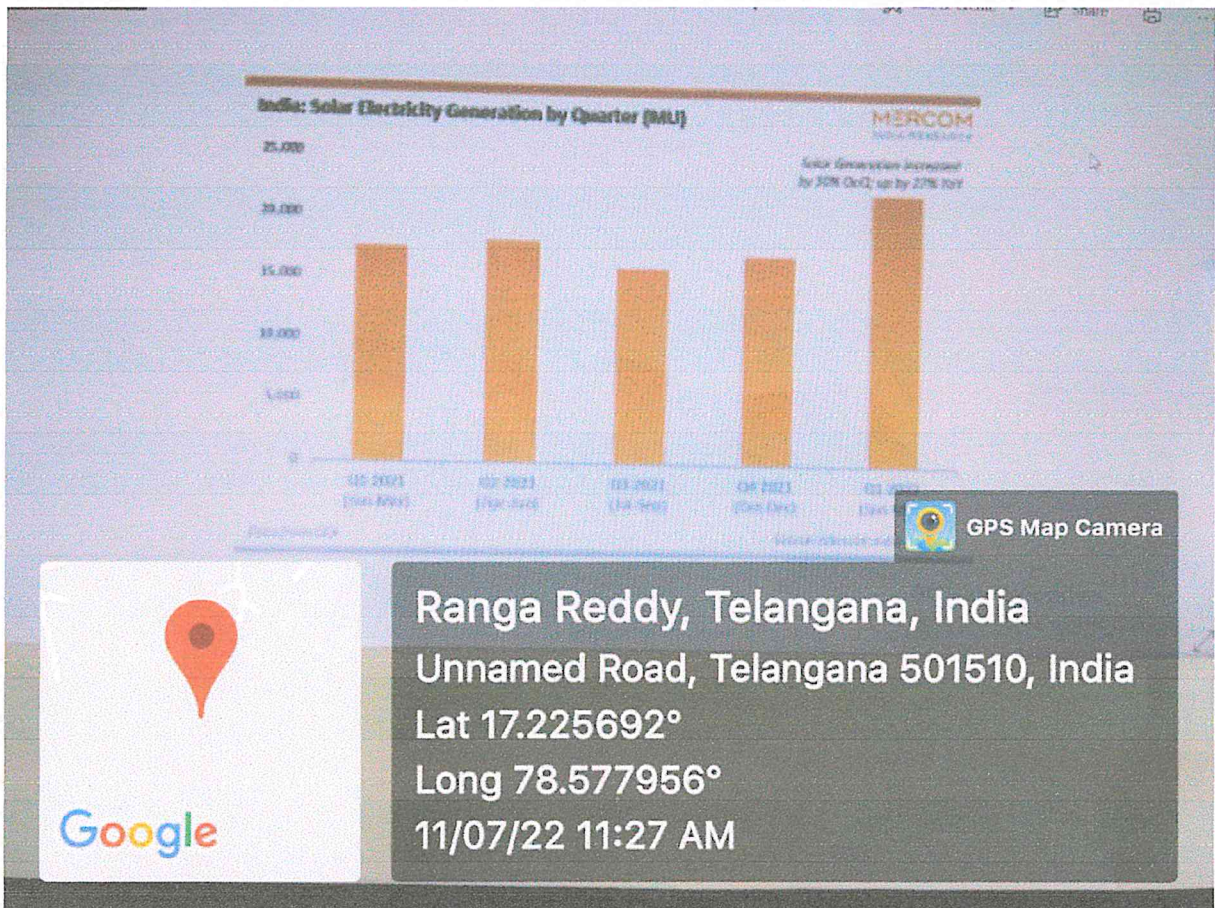


D. P. Ram

Principal

Wavesvaraya College of Engineering & Technology

SOLAR POWER GENERATION FROM 10 RW UNIT 01-01-2023 TO 8-04-2023
 M. P. Botla (V), Ibrahimpatnam (M),
 Ranga Reddy (Dist), TS-501 510.



DFM

Principal
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