

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

Solar energy

5. Use of LED Bulbs/power efficient equipment

LED bulbs are provided in the campus. Details about percentage of power requirements met through LED bulbs

Session	Total Lighting requirements Lacs Unit	Percentage Lighting through LED bulbs	Percentage Lighting through other sources
2016-2017	8.87	30.00%	70.00%
2017-2018	8.56	49.50%	50.50%
2018-2019	7.24	54.00%	46.00%
2019-2020	7.01	56.01%	43.09%
2020-2021	3.29	73.56%	26.44%

Facilities for alternate sources of energy and energy conservation measures

Session	Solar Energy (Lacs Unit)	Wheeling to grid	Sensor based energy Conservation
2016-2017	0.08	Yes	-
2017-2018	0.79	Yes	-
2018-2019	3.25	Yes	In Street Lights
2019-2020	5.68	Yes	In Street Lights
2020-2021	5.89	Yes	In Street Lights

Rohit

Buph
5.8.21

Dr. Prabhakar Tiwari
05/08/2021
Officer Incharge
Electrical Section

Solar Panels and wheeling to grid



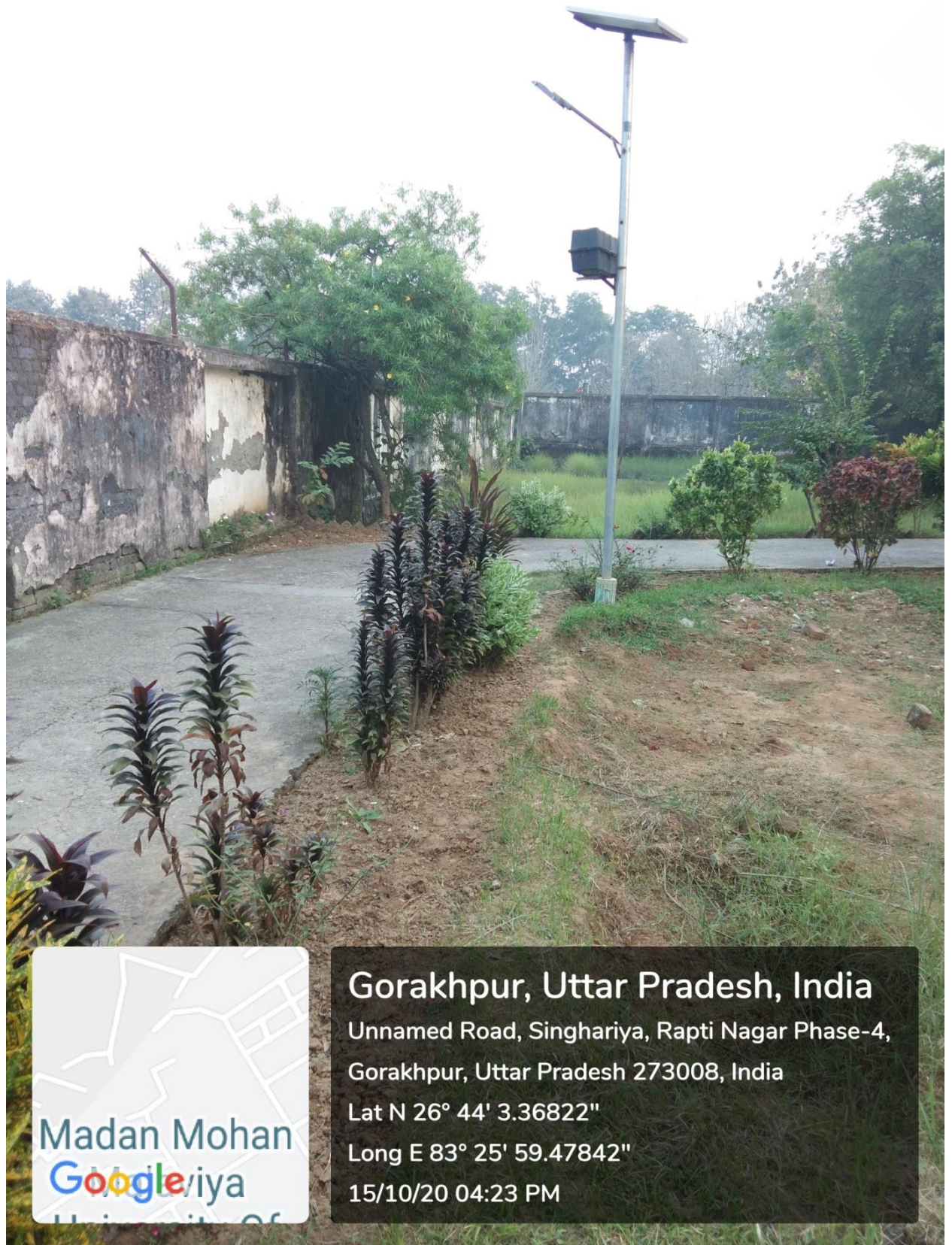
Sensor-based energy conservation: Solar panel and street light





Madan Mohan
Malaviya
University Of
Googleology

Gorakhpur, Uttar Pradesh, India
1013, Divya Nagar Vistar, Singhariya, Kunraghat,
Gorakhpur, Uttar Pradesh 273010, India
Lat N 26° 43' 52.53708"
Long E 83° 26' 0.30552"
15/10/20 04:07 PM



Madan Mohan
Google/iya

Gorakhpur, Uttar Pradesh, India

Unnamed Road, Singhariya, Rapti Nagar Phase-4,
Gorakhpur, Uttar Pradesh 273008, India

Lat N 26° 44' 3.36822"

Long E 83° 25' 59.47842"

15/10/20 04:23 PM



Gorakhpur, Uttar Pradesh, India

1352531564, Singhariya, Kunraghat, Gorakhpur,
Uttar Pradesh 273202, India

Lat N 26° 43' 54.77459"

Long E 83° 25' 54.1835"

15/10/20 04:15 PM



Madan Mo
Malaviy
University
Technolo

Google

Gorakhpur, Uttar Pradesh, India

1352531564, Singhariya, Kunraghat, Gorakhpur,
Uttar Pradesh 273202, India

Lat N 26° 43' 55.13599"

Long E 83° 25' 54.07172"

15/10/20 04:14 PM



Madan Mohan
Malaviya
University Of
Googleology

Gorakhpur, Uttar Pradesh, India

23, Singhariya, Kunraghat, Gorakhpur, Uttar
Pradesh 273008, India

Lat N 26° 43' 58.01268"

Long E 83° 25' 58.2924"

15/10/20 04:30 PM



adan Mohan
Malaviya
University Of
Technology
Google

Gorakhpur, Uttar Pradesh, India

23, Singhariya, Kunraghat, Gorakhpur, Uttar
Pradesh 273008, India

Lat N 26° 43' 56.45604"

Long E 83° 26' 1.7124"

15/10/20 04:21 PM



Gorakhpur, Uttar Pradesh, India

23, Singhariya, Kunraghat, Gorakhpur, Uttar Pradesh 273008, India

Lat N 26° 43' 57.75103"

Long E 83° 26' 0.41766"

15/10/20 04:08 PM



Gorakhpur, Uttar Pradesh, India

Prof u. c jaiswal Residence B/4/3 Malviya Campus,

Gorakhpur - Deoria Rd, Shrawan Nagar, Singhariya, Rapti

Nagar Phase-4, Gorakhpur, Uttar Pradesh 273010, India

Lat N 26° 44' 1.6764"

Long E 83° 26' 6.4536"

31/03/21 05:19 PM



adan Mohan
Malaviya
University Of
Technology
Google

Gorakhpur, Uttar Pradesh, India

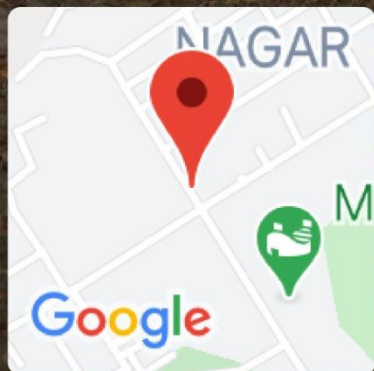
23, Singhariya, Kunraghat, Gorakhpur, Uttar
Pradesh 273008, India

Lat N 26° 43' 56.45604"

Long E 83° 26' 1.7124"

15/10/20 04:21 PM

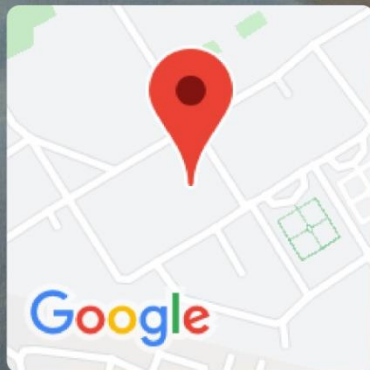
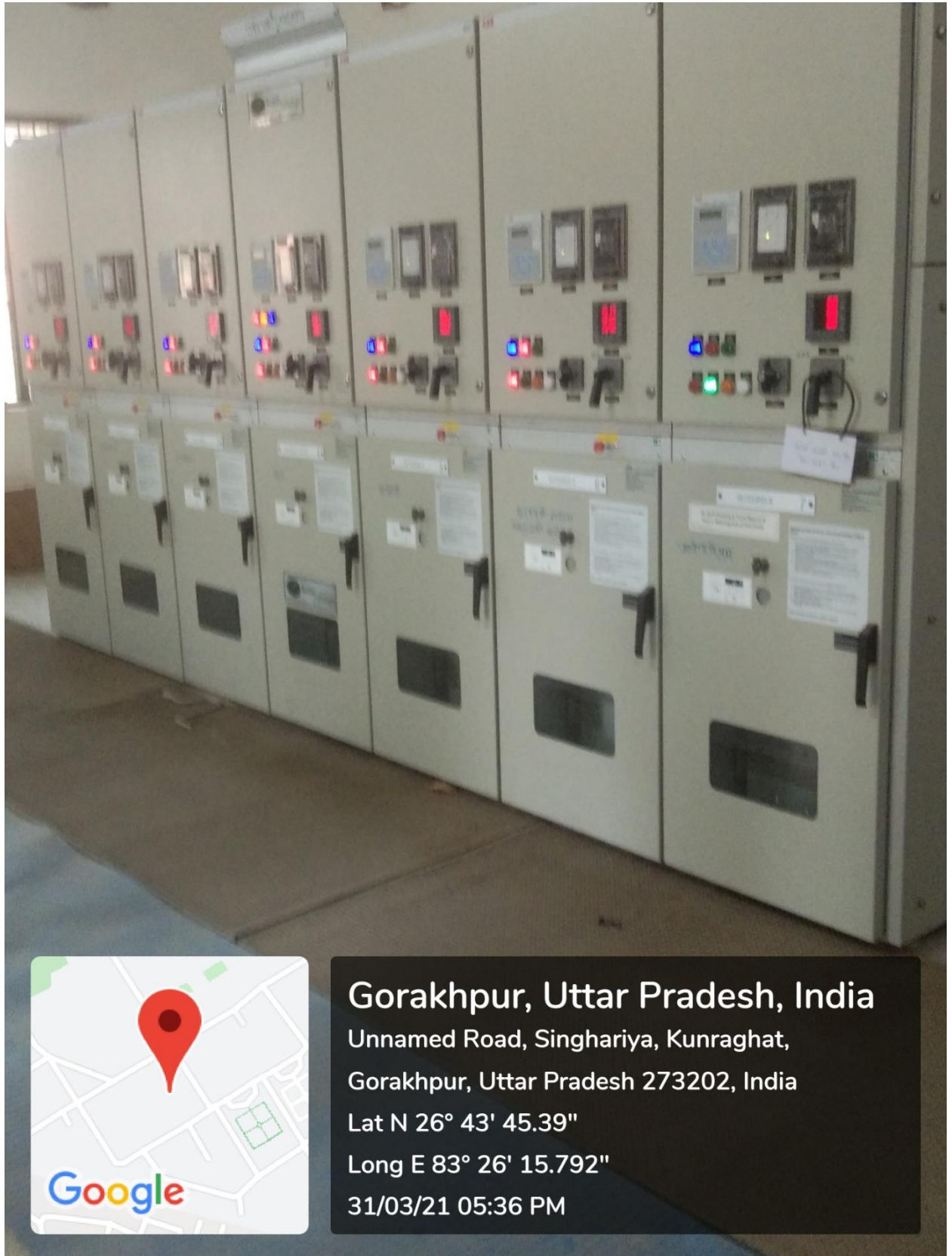
LED Lights



Gorakhpur, Uttar Pradesh, India

Prof u. c jaiswal Residence B/4/3 Malviya Campus,
Gorakhpur - Deoria Rd, Shrawan Nagar, Singhariya, Rapti
Nagar Phase-4, Gorakhpur, Uttar Pradesh 273010, India
Lat N 26° 44' 1.6476"
Long E 83° 26' 6.4284"
31/03/21 05:24 PM

Wheeling to the Grid: Power distribution



Gorakhpur, Uttar Pradesh, India

Unnamed Road, Singhariya, Kunraghat,

Gorakhpur, Uttar Pradesh 273202, India

Lat N 26° 43' 45.39"

Long E 83° 26' 15.792"

31/03/21 05:36 PM

Use of LED bulbs/ power efficient equipment

