



ಕರ್ನಾಟಕ ಕೇಂದ್ರೀಯ ವಿಶ್ವವಿದ್ಯಾಲಯ ಕಲಬುರಗಿ ಕೇಂದ್ರೀಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

Central University of Karnataka

(Established by an Act of the Parliament in 2009)
Aland Road, Kadaganchi, Kalaburgi-585 367, Karnataka

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives:

The Central University of Karnataka is conscious about environment and sustainable living, hence it has adopted green and clean energy production through solar panels and introduction of LED bulbs in all its academic buildings and residential quarters (2018 – 2023). Details are as follows;

Solar Energy:

- The power requirement of the University is partially met by the renewable energy sources by installing Grid Tied solar panels on roof tops on several building on the campus. Every year 3,90,000 KW units of power has been generated. Following installations are in operation.
 - 40KW, Roof top, Grid Tied, Solar Power System commenced from December 2014.
 - 250KW, Ground Mounted, Grid Tied, Solar Power System commenced from March 2016.
 - 30KW, Roof top, Grid Tied, Solar Power System commenced from August 2019.
 - 250 KW, ground mounted plant is functioning since 29.12.2016.
 - 40 KW roof mounted solar plant is functioning since 17.08.2015 provided by RITES under CSR.

LED Lights:

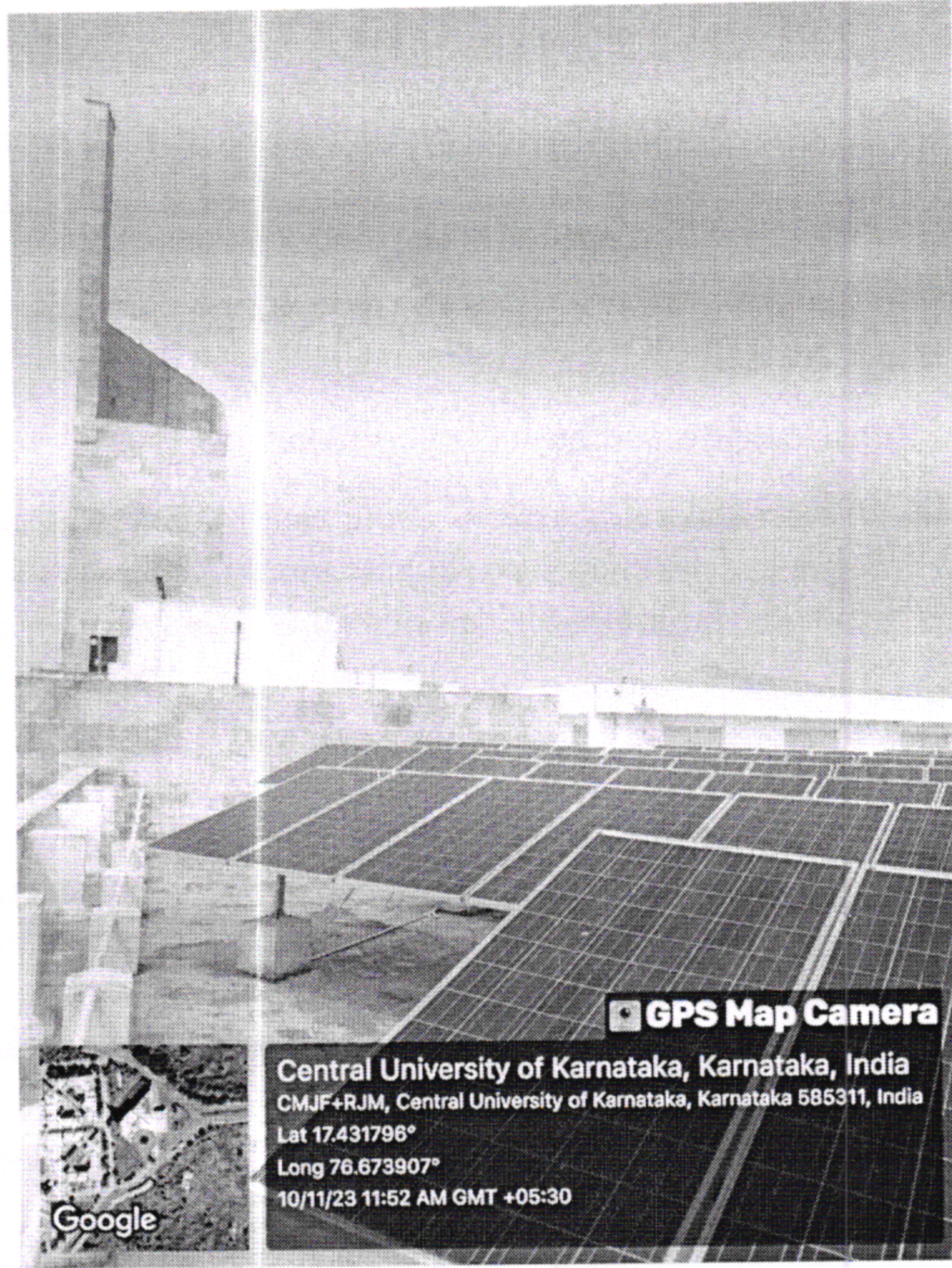
M/s Energy Efficiency Services Ltd, an entity under MoP has installed the following illumination system.

- 4100 nos. of 20W LED Tube lights,
- 1693 nos. of 40W LED Tube lights,
- 3931 nos. of 15W LED Panel lights,
- 10 nos. of 35W LED Streetlights,
- 224 nos. of LED 110W Streetlights installed on 24.11.2020.

Sensor based energy conservation:

The university uses the infrared sensors to save the electric energy. The sensors get activated based on the movement of persons. In the absence or presence of any person in the view area, the sensor will automatically disconnect the power supply to all the electric devices in the rooms. Such devices are installed in key places.

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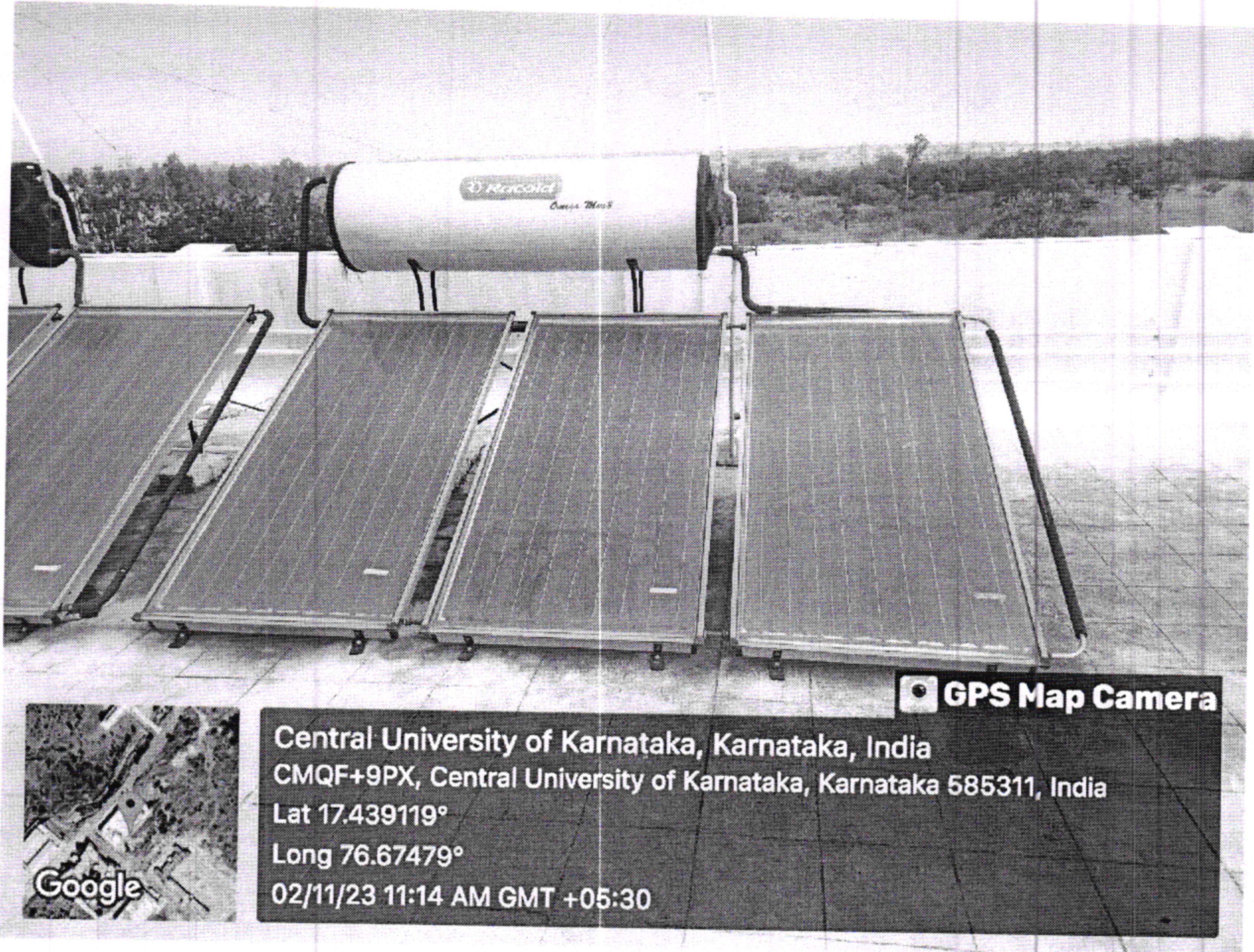


Roof-top Solar panel at Administrative building.

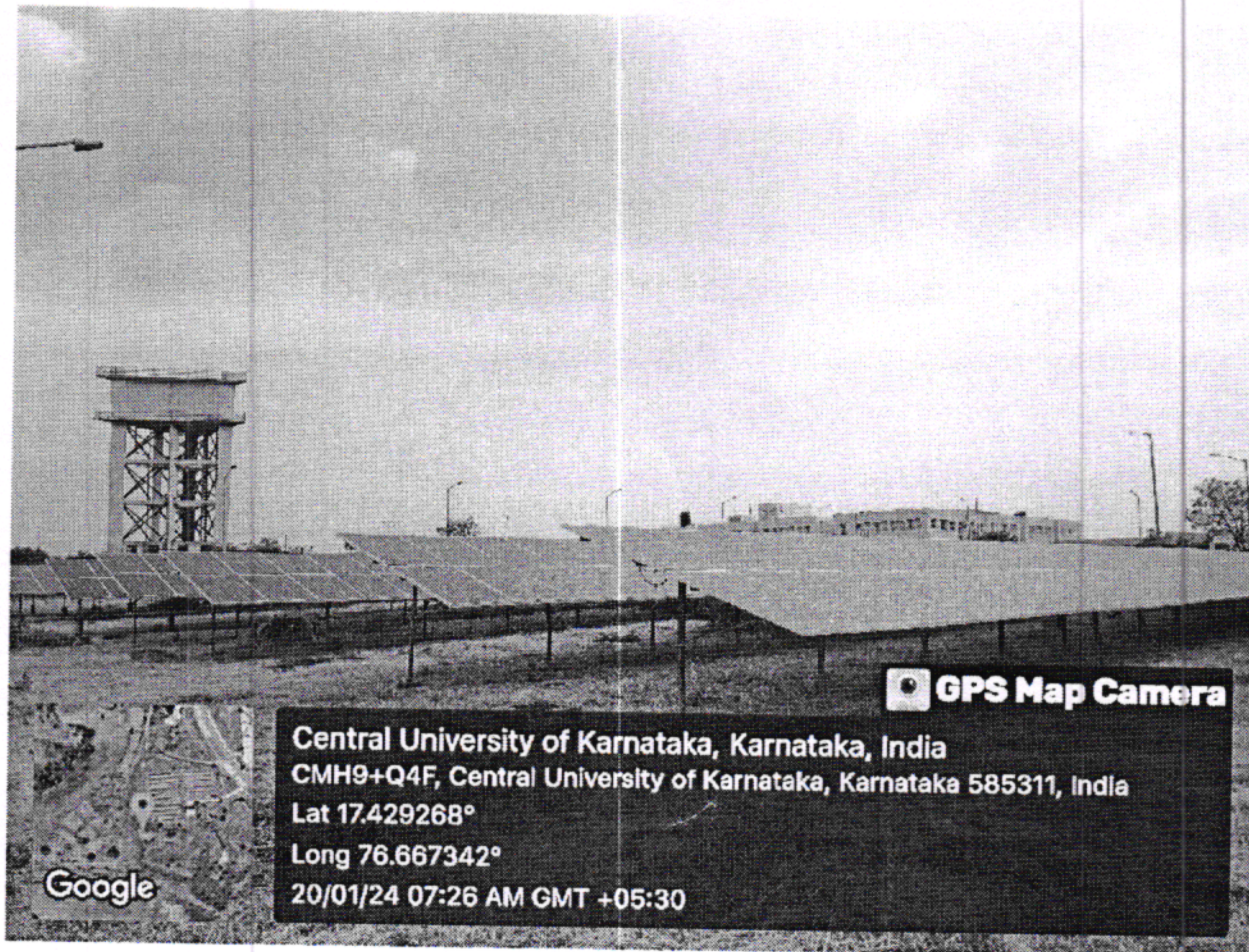
B. H.

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CMJF+RJM, Central University of Karnataka, Karnataka 585311, India

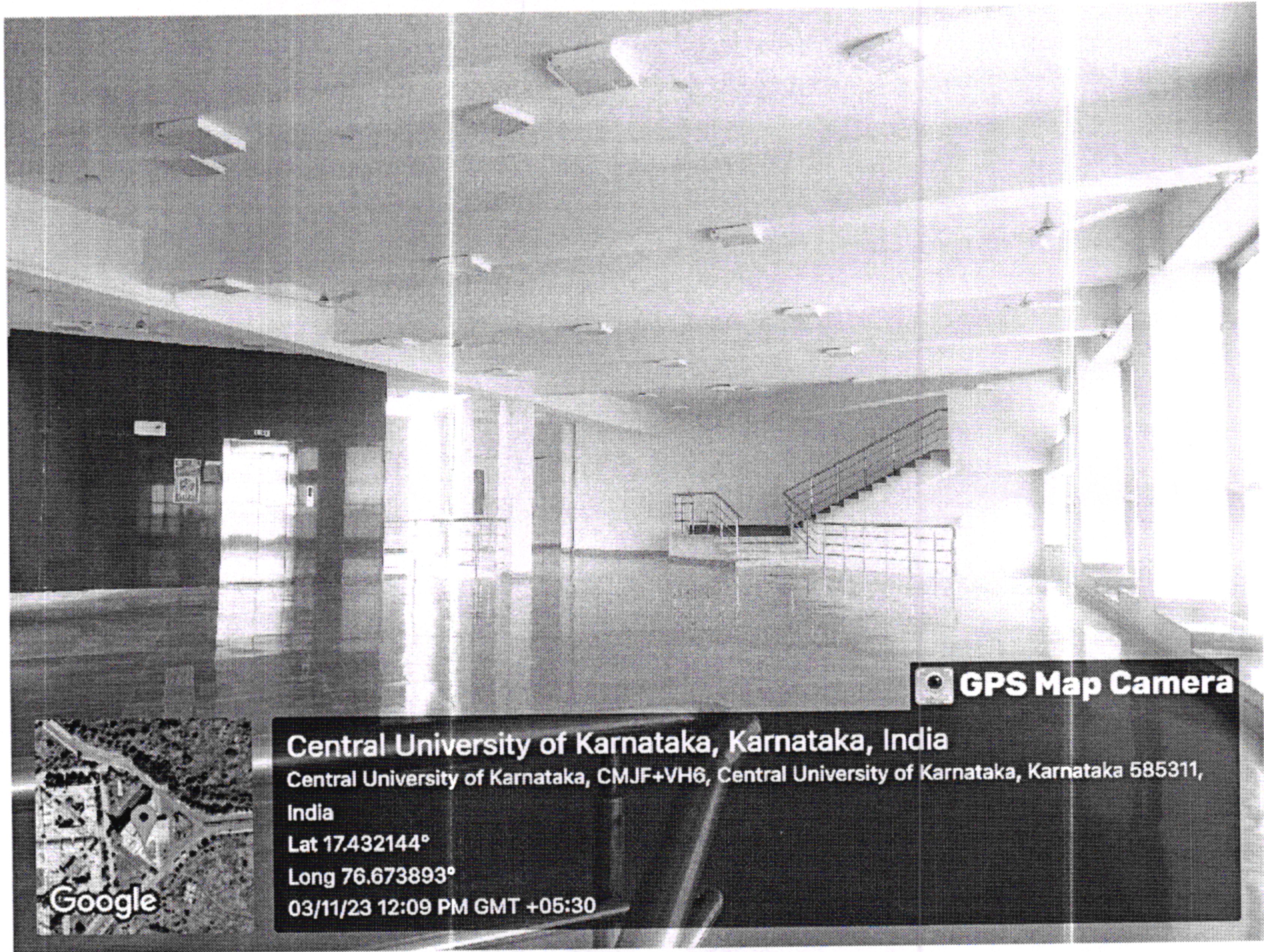
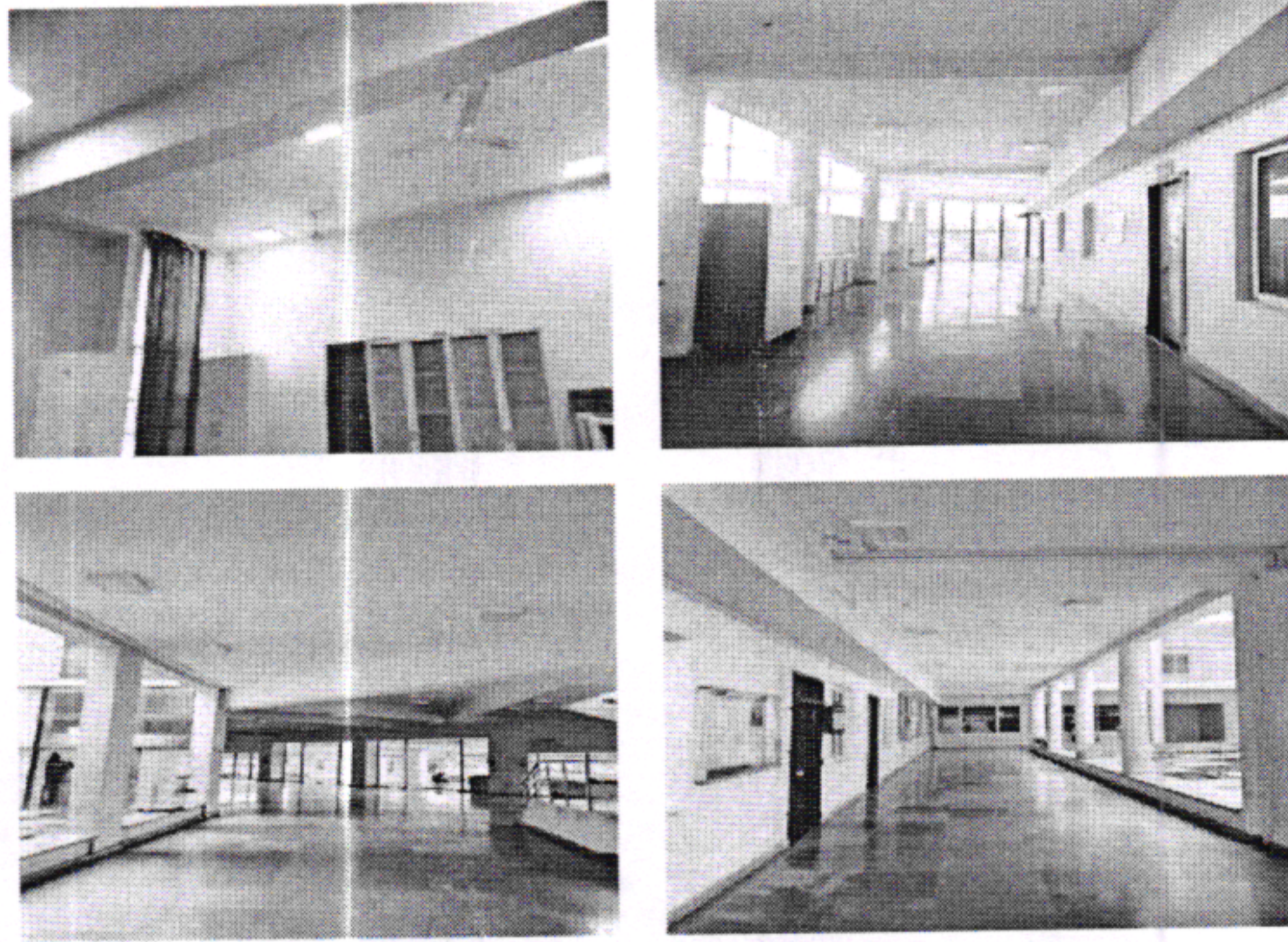


Solar Panel at Ladies Hostel



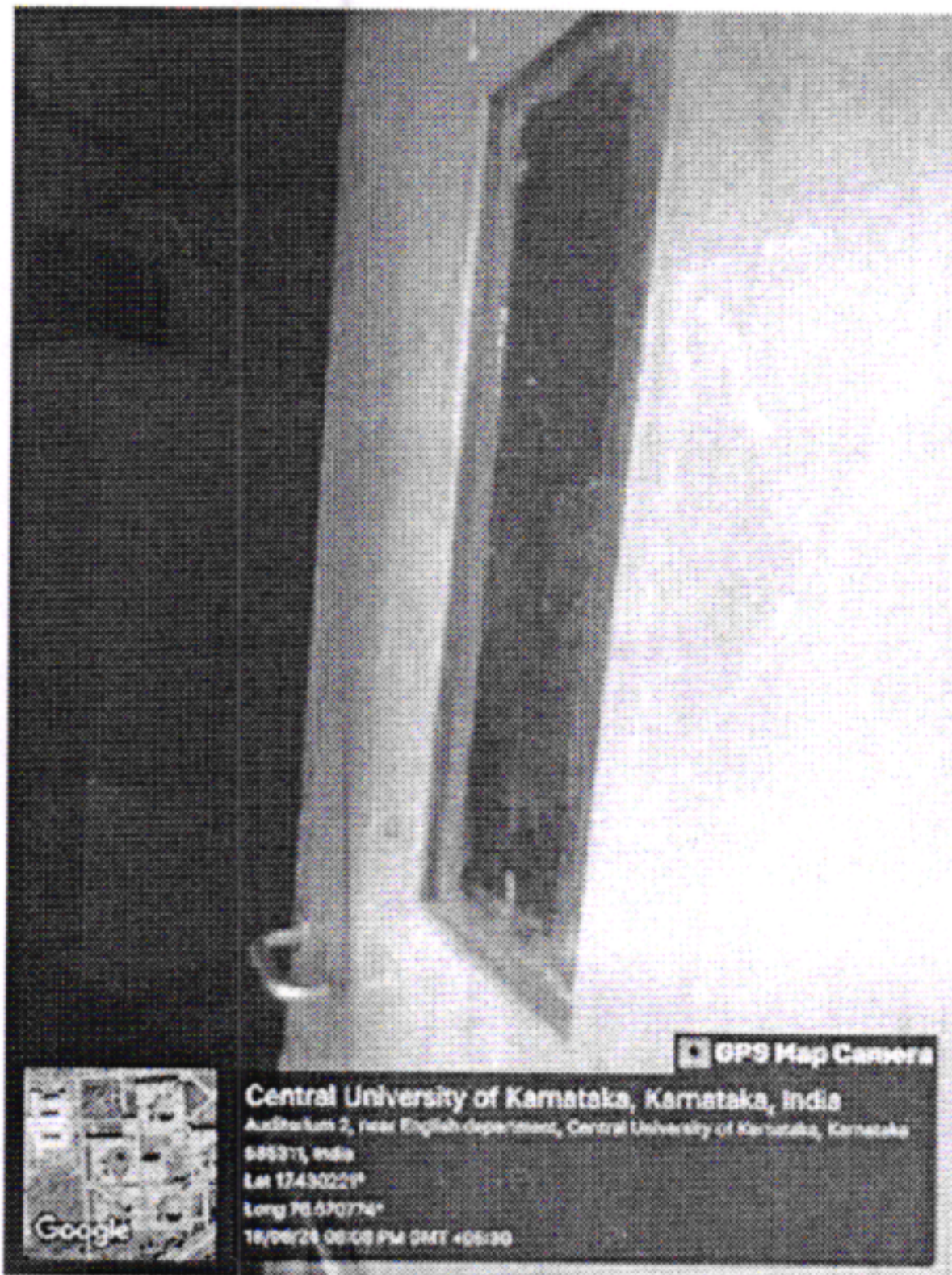
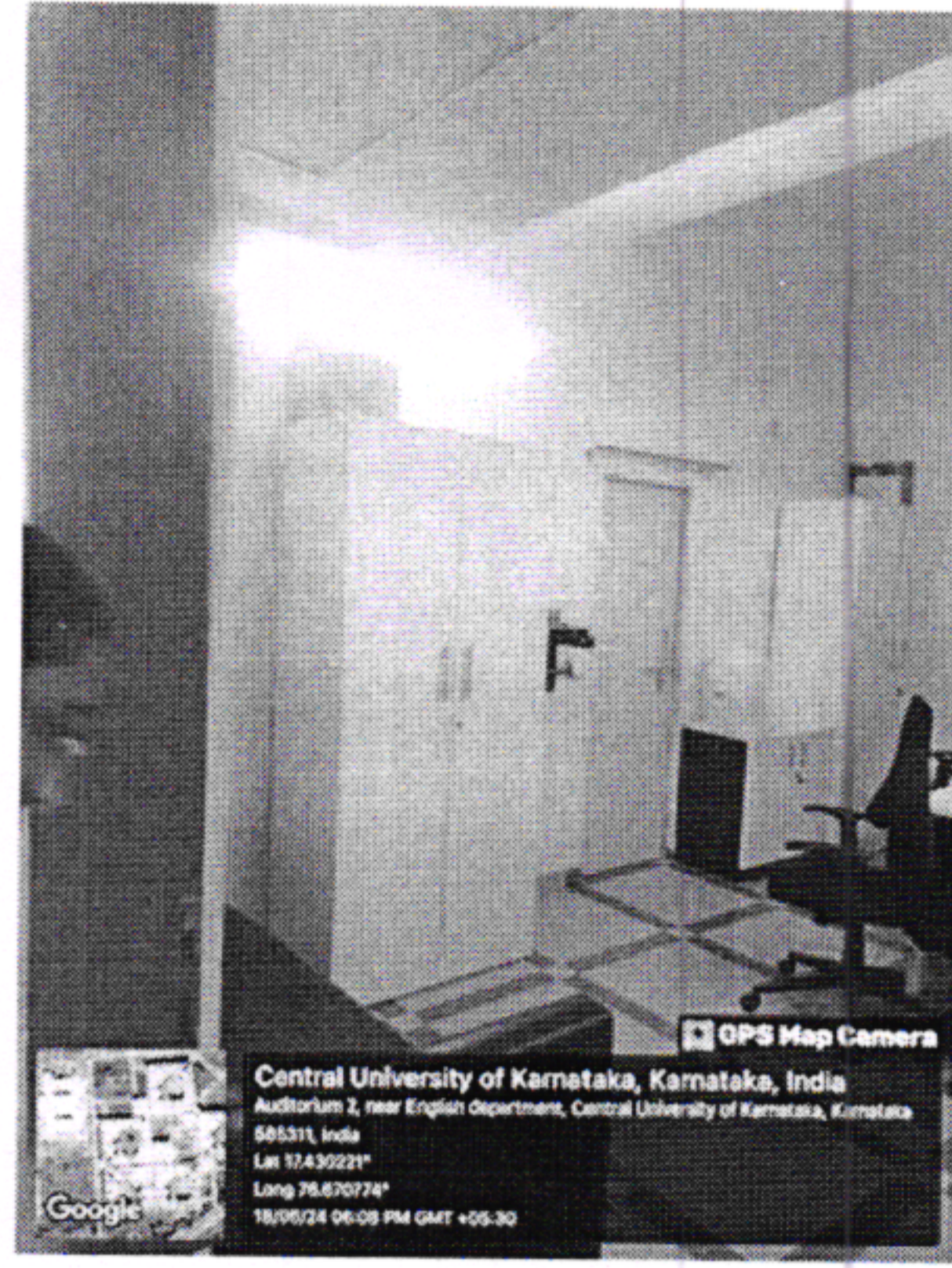
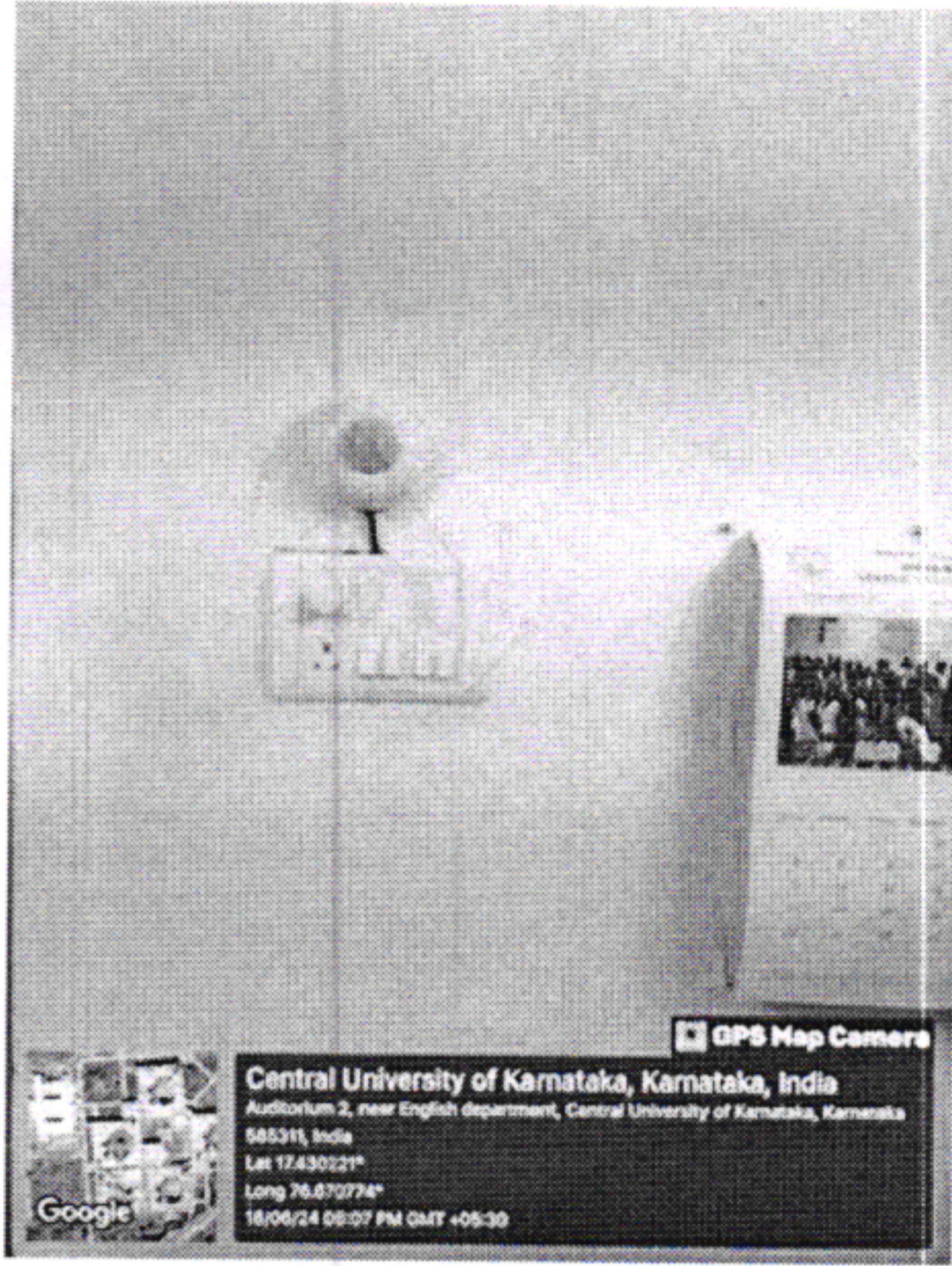
Solar Park at CUK


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LED installed at department buildings.


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Sensor based electric devices


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