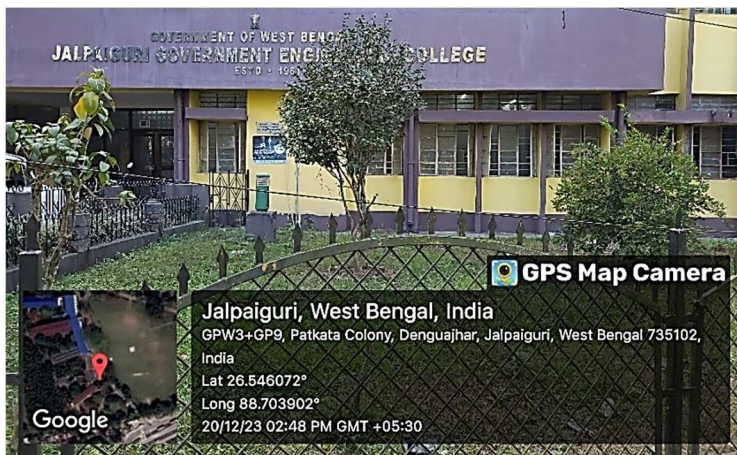


GREEN CAMPUS

A POLICY BY JALPAIGURI GOVERNMENT ENGINEERING COLLEGE

*I hear and I forget,
I see and I remember,
I do and I understand. ----- CONFUCIUS*

Jalpaiguri Government Engineering College (JGEC) – is an autonomous academic institution, progressing firmly in the field of technical teaching, learning and research, keeping in pace with the front-end technological advancements happening globally since its inception, in 1961. The Vision and Mission of this College, has been instrumental always towards susceptible progress in the academic arena as well as upgradation of the standard of living of its stake holders consistently in all respect and thereby adding values to the society.



Besides the development of its academia, JGEC upholds its concern towards environmental challenges by nurturing the policy of ‘Green Campus’ also. To envisage the same, this institute has patronized various innovative projects and practices within its campus, as mentioned below.

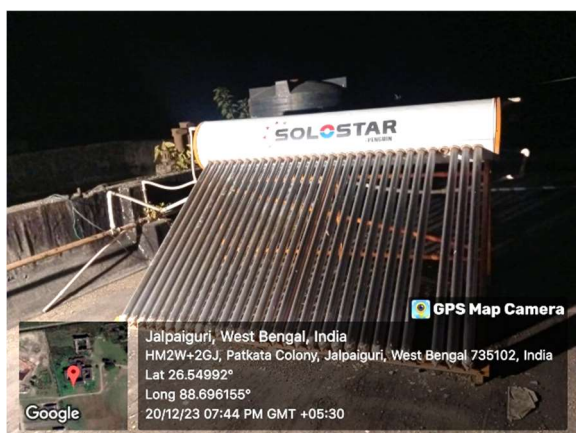
[1] SOLAR PHOTO-VOLTAIC SYSTEM(SPS): Generation of (Eco-friendly) Green Power.

Solar Photovoltaic Panels, having total capacity of 25 KW_p, installed on the roof-top of the college main building, under the project heading of ‘Solar Radiation Resource Assessment’ (SRRA) of MNRE, Govt of India- is a grid interactive SPS and it is providing green power to the connected locality. Following are the pictures of SPS installations.

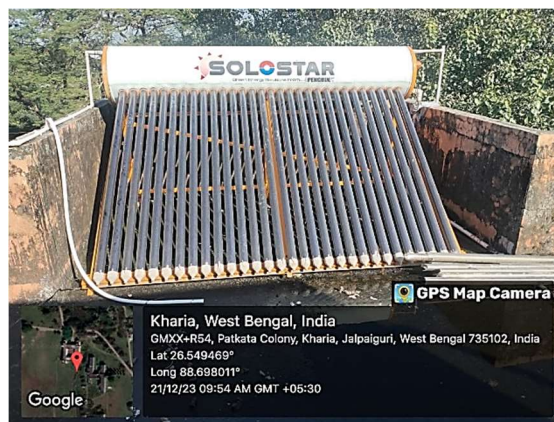


[2] SOLAR WATER HEATING SYSTEM:

Solar water heaters using Solar Thermal System, are installed on the roof tops of the boy's hostels of JGEC, and thereby deploying green energy (without any carbon-footprint) of solar radiation, for the students' benefit. The picture of the solar water heater installations, on the roof-top of the said two hostels are shown below.



N.C.Bose Hall (Hostel No. 3)



S.N.Bose Hall (Hostel No. 4)

[3] BIOGAS PLANT:

Biogas is a renewable energy, produced by digestion of organic wastes with high moisture content. The airtight equipment used for conversion is known as biogas plant or digester. Biogas is a safe fuel for cooking. Hence, boys' hostels of JGEC viz., P.C.Roy Hall, J.C.Bose Hall, N.C.Bose Hall & S.N.Bose Hall (Hostel No. 1,2,3 & 4) are utilizing their organic wastes of kitchen for the production of biogas as fuel for cooking. Thus, encouraging green energy practice in JGEC campus. The picture of the digester of S.N.Bose Hall is shown here.



[4] Rain Water Harvesting Project:

Recently a project has been initiated by Jalpaiguri Government Engineering College, on 'Rain Water Harvesting,' the implementation of which is proposed to be held on the roof of J.C.Bose Hall (Hostel No. 2).

[5] TREE PLANTATION PROGRAM:

Jalpaiguri Government Engineering College owns 118 acres area as its campus, enriched with beautiful greeneries. These huge greeneries of the campus, fills its academic ambience with serenity. To maintain the natural aesthetics and contentment of the campus life, 'Tree Plantation Program' has been observed by the college students each year at various points of times, and now this has become a part of their extra-curricular activity. District administration and Forest department of the state patronize this program often by providing various kinds of saplings. Thus, encouraging GREEN CAMPUS practice in JGEC campus.