STUDY OF SOLAR POWER

A DISSERTATION SUBMITTED TO ST. XAVIER'S COLLEGE
MAHUADANR

AFFILIATED TO NILAMBER PITAMBER UNIVERSTY
BACHELOR OF SCIENCE

BY

ROHIT BRIJIA

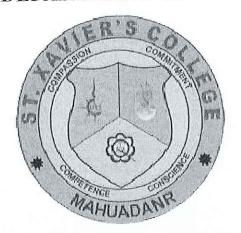
(Reg. No - NPU2020013244)

(Roll no.210251100237, Sem-6th)

Under the supervision of

Asst. Prof. Mr. Ajay Kumar Saw

DEPARTMENT OF PHYSICS



ST. XAVIER'S COLLEGE MAHUADANR

Nationally accredited with Grade 'B' (NAAC)

MAHUADANR, LATEHAR, JHARKHAND- 822119

CERTIFICATE

This is to certify that the project work entitled "SOLAR POWER SYSTEM" submitted to St. Xavier's college Mahuadanr in partial fulfillment of requirement for the award of bachelor of science in Physics to be awarded by the Affiliated to Nilamber Pitamber University is a bonafide record of the work carried out by Mr. ROHIT BRIJIA (Reg. No.-NPU/13244/20) during the academic year 2020-2023.

MD. ZAFAR AQUBAL

Head of the department

Department of Physics,

St. Xavier's College Mahuadanr,

-822119

Asst. Prof.- AJAY KUMAR SAW

Project Guide

St. Xavier's College Mahuadanr

-822119

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I thank Fr. Dr. Samir Toppo S.J, Administrator of St. Xavier's College Mahuadanr, who allowed to me use the computer all the time during the college hour.

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Rohit Brijia ROHIT BRIJIA

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Conclusion:

We summaries the above content in solar energy that the solar energy can be used to power electronic appliances while not polluting the environment. Our goal is to learn how solar energy works, and in which situations it can be used.

Solar energy reduces greenhouse gas emission in the atmosphere because it harnesses the power of sun energy with little to no gasses bring released. The amount of carbon dioxide released to atmosphere is way less from solar energy compared to coal plants when seeking is produced the same amount of KWh per year. The benefits of solar power to the environment include the prevision of an inexhaustible supply of energy from the sun. Solar power captures the suns energy with no harm to the environment. Therefore solar power is easier on health impacts, land use, water, and carbon emission than energy generation means, such as natural gas in fossil fuel and coal energy plants.

The result of our research proved that solar power caused no pollution whatsoever. We are also mentioned solar energy can be used to power houses and their electronic appliances, such as flashlights, electric motors and even such things as refrigerators. It can also be used to hest water and cool building!

There are many possible ways of demonstrating how solar energy can be used. One way would be to demonstrate physically, such as building a model that runs on solar energy such as a car or something that uses an electric motor. Another way to demonstrate would be to compare solar energy to other alternative energy sources to see which one produces the most power or less pollution.

This has been a wonderful learning experience for us. We have learned much more about how solar energy can be used to make electricity wand power everyday applications. We also learned about the structure of the PV cell, which itself is the absorber of solar energy. This was a fantastic topic to research, and we have accomplished many things.

AJay Kerman Serw