GOVERNMENT ENGINEERING COLLEGE,

HASSAN-573201

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Computer Graphics Mini Project Synopsis

Under the guidelines of,   Shashikumar H C

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Project Title   :-   Small scale solar energy plant

Problem Statement   :-

      In this fast world conventional energy sources being limited in their availability, the search for alternative renewable energy sources is inevitable. Solar energy, an inexhaustible renewable energy is considered a vital source for a developing country like India, where there is a major deficit between the demand and supply of electricity. Energy from the sun has been used to provide electricity for many years. This form of renewable energy occupies less space compared to the space occupied by hydropower projects.

Description   :-

      This project demonstrates the use of simple geometric shapes. In this project, It display a simple solar energy plant placed on the rooftop and batteries are placed inside home to store the collected energy. Solar energy is a renewable energy resource so we can get energy for whole year. Based on time when its night the stored energy is utilized and in day time cells get charged and the cycle repeats.

Requirements   :-

- ➢ OPEN GL software.
- ➢ C/C++ compiler.
- ➢ Any text editer.