**Design Solar Powered Off-Grid Storage System for Home Automation**

Student Name: Nikhil K. Kavate (2334251)

ABSTRACT

To provide Light when sun is not shining. That's the goal of my Solar Energy Storage project! Main focus of this system is to create eco-friendly energy, store energy in efficient way.

Solar Energy Management System is a system that converts solar rays or energy into electrical energy. In addition to that BMS and IOT is used.

BMS is used to detect and protect the battery from over-charged, over- discharge, over-current short-circuits and automatically voltage balance function.

BLOCK DIAGRAM