**SRES’s**

**SANJIVANI COLLEGE OF ENGINEERING,**

**KOPARGAON 423 603 (M.S.)**

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**Department of**

**Electronics & Telecommunication Engineering**

**2018-2019**

**PROJECT [STAGE-I] REPORT**

**ON**

**(DIGITIZATION OF BATTERY MANAGEMENT SYSTEM & CHARGING BY SOLAR PANEL)**

**CERTIFICATE**

This is to certify that this report on project [Stage-I] entitled,

**“(DIGITIZATION OF BATTERY MANAGEMENT SYSTEM & CHARGING BY SOLAR PANEL)”**

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for the partial fulfillment of the requirements of Bachelor of Engineering (Electronics & Telecommunication Engineering) degree of the Savitribai Phule Pune University, Pune embodies the work done by them under our guidance and supervision in the academic year 2018-2019.

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**ACKNOWLEDGEMENT**

**“DIGITIZATION OF BATTERY MANAGEMENT SYSTEM & CHARGING BY SOLAR PANEL”** has been the opportunity to express ourselves technically. This has proven to be a stepping stone which will be of immense help to us as we enter market. We want to express our gratitude to everyone who helped us by giving moral support and by solving our difficulties. Everyone has contributed immensely and helped us for the same unto the completion of project.

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**CONTENTS**

Page

Abstract iii

List of Tables iv

List of Figures v

Certificate of sponsorship (Optional) vi

**CHAPTER 1 INTRODUCTION**

1.1 Introduction 01

**CHAPTER 2 OVERVIEW OF LITERATURE**

2.1 Introduction 4

2.1.1 Books 4

2.1.2 Journal Papers 5

2.2 Need for Present study 7

2.3 Proposed Approach 7

2.4 Objectives and Scope 7

2.5 Scope 8

**CHAPTER 3 PROJECT DEFINITION AND SPECIFICATIONS**

3.1 Project Definition 9

3.2 Specifications 9

3.3.1 System Specifications 9

3.3.2 Input and Output Specifications 9

3.3.3 Hardware Specifications 10

3.3.4 Software Specifications 13

**CHAPTER 4 METHODOLOGY**

4.1 Block diagram explanation 14

4.1.1 Internal block Diagram 15

4.2 Block Diagram Explanation

4.2.1 Solar Panel 15

4.2.2 Solar charge controller 16

4.2.3 Battery Management System (BMS) 16

4.2.4 Fuses 17

4.2.5 Node MCU ESP8266 17

4.2.4 System (PC) 17

4.3 Design Stages

4.3.1Circuit Diagram 18

4.4 Software Design

4.3.3 Flow Chart 19

**CHAPTER 5 CONCLUSIONS**

6.1 Advantages 20

6.2 Applications 20

6.3 Conclusions 20

**CHAPTER 6 PROPOSED TIME PLAN OF ACITIVITIES** 21

**References** 22 **Datasheets (Max. 10 Pages)**

**ABSTRACT**

In this paper, we give a study of the Battery Management System and Solar Charging system. This technology is growing rapidly because growing market for Energy Storage System, Hybrid Electric Vehicle, Solar Electric Vehicle, Grid Energy Systems and many consumer applications running on battery.

iii

**LIST OF TABLES**

|  |  |  |
| --- | --- | --- |
| **Table No.** | **Title** | **Page No.** |
| 6.1 | Proposed Time Plan & Activity | 21 |

**LIST OF FIGURES**

|  |  |  |
| --- | --- | --- |
| **Figure No.** | **Title** | **Page No.** |
| 1.1 | Basic Structure of BMS System | 2 |
| 2.1 | Battery System Engg. Book. | 4 |
| 2.2 | Solar Energy Engg. Book. | 5 |
| 3.1 | BMS | 10 |
| 3.2 | Solar Panel. | 11 |
| 3.3 | Solar Charge Controller. | 12 |
| 3.4 | Node MCU ESP8266EX | 13 |
| 4.1 | Block Diagram. | 14 |
| 4.2 | BMS Internal Block Diagram | 15 |
| 4.3 | BMS Circuit Diagram | 18 |
| 4.4 | Flowchart | 19 |

iv