

A  
PROJECT REPORT  
ON

**“Solar Eco Technology Innovation in Electric Vehicle”**

Submitted to  
**Savitribai Phule Pune University**

In the partial fulfillment for the requirement of  
Last Year (B.E.) in  
Electrical

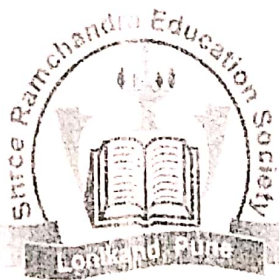
By

1. Rodge Akshay
2. Borkar Rajashree
3. Nanaware Dattatray
4. Rane Roshan
5. Halunde Omkar

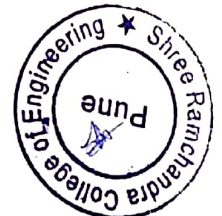
Under the guidance of

**PROF. SHUBHANGI ARBALE**  
(Assistant Professor)

**Department Of Electrical Engineering**



**Department of Electrical Engineering**



S.R.E.S.'s  
**Shree Ramchandra college of Engineering, Pune - 412216.**  
2021-2022

*[Signature]*  
Dept. Electrical Engineering  
SRCOE Pune - 412216

A  
PROJECT REPORT  
ON  
"Energy Conservation using Kaizen Techniques"

Submitted to  
Savitribai Phule Pune University  
In the partial fulfillment for the requirement of  
Last Year (B.E.) in  
Electrical

By

1. MIDGULE SATYAVAN MARUTI (7201568011)
2. NIRMAL TEJAS PRAKASH (72015687E)
3. JAGTAP SUJEET SANJAY (72015671J)

Under the guidance of

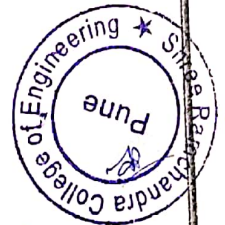
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S.R.E.S's  
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2021-2022

  
**Head**  
Dept. Electrical Engineering  
SRCOE Pune-412216



A  
PROJECT REPORT  
ON

"Electric Line Man Safety With Password Based Circuit  
Breaker and Intimation of HT Wire Sag Using Node MCU  
(IOT)"

Submitted to  
Savitribai Phule Pune University

In the partial fulfillment for the requirement of  
Last Year (B.E.) in  
Electrical Engineering

By

1. Prafull Vishwanath Panchal (71230249C)
2. Shrikant Dagdusaheb Panchal (71938602M)
3. Ashish Bhaurao Mhasagar (72015679D)

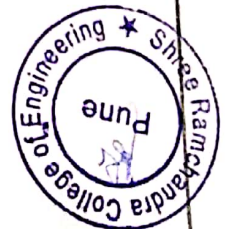
Under the guidance of

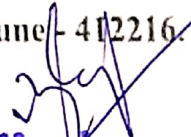
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S.R.E.S's  
Shree Ramchandra college of Engineering, Pune- 412216.  
2021-2022



  
Head  
Dept. Electrical Engineering  
CRCOE Pune-412216



A  
PROJECT REPORT  
ON  
"INTELLIGENT ACCIDENT DETECTION  
AND ALERT SYSTEM FOR EMERGENCY  
MEDICAL ASSISTANCE"

Submitted to  
Savitribai Phule Pune University

In the partial fulfillment for the requirement of  
Last Year (B.E.) in Electrical

By

1. Rushikesh Bibhishan Mule
2. Akshay Ambadas Survase
3. Supriya Sanjay Sidankar

Under the guidance of

\*PROF. D. A. TIKAR  
(Assistant Professor)

Department Of Electrical Engineering



Department of Electrical Engineering

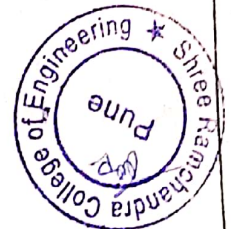
S.R.E.S's

Shree Ramchandra college of Engineering, Pune - 412216.

2021-2022

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Dept. Electrical Engineering  
SRCOE Pune - 412216



A  
PROJECT REPORT  
ON  
"Power Quality Monitoring and Protection System"

Submitted to  
Savitribai Phule Pune University  
In the partial fulfillment for the requirement of  
Last Year (B.E. ) in  
Electrical

By

- 1.Pavan Mukund Mahajan(71938597M)
- 2.Ajinkya Hanumant Walke(71938568H)
- 3.Shridhar Pratap Patharwat(71938603K)

Under the guidance of

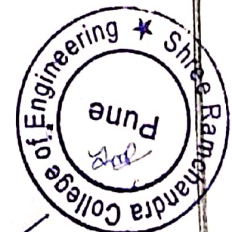
\*PROF.YOVAN RAJGIRE  
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2021-22



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SRCOE Pune - 412216

Department of Electrical Engineering, SRCOE Pune

LIDAR BASED MICRODRONE WITH PROXIMITY SENSING

A

PROJECT REPORT

ON

"LIDAR BASED MICRODRONE WITH PROXIMITY SENSING"

SUBMITTED TO

SAVITRIBAI PHULE UNIVERSITY

IN THE PARTIAL FULFILLMENT FOR THE REQUIREMENT OF

LAST YEAR (B.E) IN

ELECTRICAL

BY

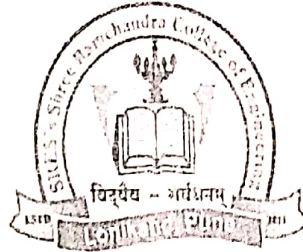
1. LATE SURAJ SHIVNATH
2. SUKHDEVE POOJA VINAYAK

UNDER THE GUIDENCE OF

PROF. PRIYA PATIL

(PROFESSOR)

DEPARTMENT OF ELECTRICAL ENGINEERING



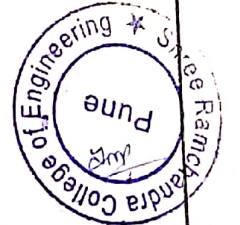
DEPARTMENT OF ELECTRICAL ENGINEERING

S.R.C.O.E'S

SHREE RAMCHANDRA COLLEGE OF ENGINEERING, PUNE -

412216

2021-2022



Head

Dept. Electrical Engineering  
SRCOE Pune - 412216

DEPARTMENT OF ELECTRICAL ENGINEERING, SRCOE

A  
PROJECT REPORT  
ON  
"Solar Inverter Design For Home "

Submitted to  
SavitribaiPhule Pune University

In the partial fulfillment for the requirement of  
Last Year (B.E. ) in  
Electrical

By

1. Ajinkya Vijay Bhawar
2. Pratik Pramod Chaudhari
3. Neha Nandeshwar

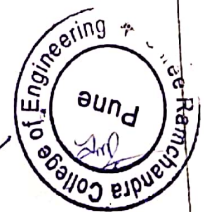
Under the guidance of

PROF.SHUBHANGI ARBALE  
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Shree Ramchandra college of Engineering, Pune - 412216.  
2021-2022



**Head**  
Dept. Electrical Engineering  
SRCOE Pune-412216



A  
PROJECT REPORT  
ON  
"SOLAR BASED MINI REFRIGATOR"

Submitted to  
Savitribai Phule Pune University

In the partial fulfillment for the requirement of  
Last Year (B.E. ) in  
Electrical Engineering

By

1. Hanchate Abhishek Janardhan
2. Motipalle Rahul Dattatray
3. Vaidya Priyanka

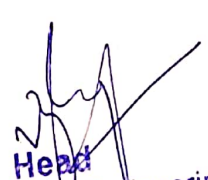
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PROF. JYOTIRMAYI PUROHIT  
(Assistant Professor)  
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Shree Ramchandra college of Engineering, Pune - 412216.  
2021-2022

  
Head  
Dept. Electrical Engineering  
SRCOE Pune-412216





A  
PROJECT REPORT  
ON  
"Artificial Solar Oxygen Tree"

Submitted to  
Savitribai Phule Pune University

In the partial fulfillment for the requirement of  
Last Year (B.E. ) in  
Electrical Engineering

By

1. Shital Dineshrao Bhendekar
2. Akshay Prakash Chopade
3. Vaibhav Bhausaheb Chindhe

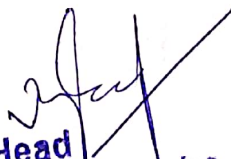
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2021-2022

  
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Dept. Electrical Engineering  
SRCOE Pune-412216



A  
PROJECT REPORT  
ON

"SELF SERVICE PETROL PUMP USING RFID TECHNOLOGY"

Submitted to  
Savitribai Phule Pune University

In the partial fulfillment for the requirement of  
Last Year (B.E. ) in  
Electrical

By

1. Wani Badal Sanjay
2. Tayade Ravi Kisan
3. Markante Balaji Ravsaheb
4. Dhanaji Savarkar Jadhav

Under the guidance of

PROF. SHUBHANGI ARBALE

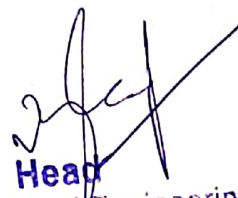
(ASSISTANT PROFESSOR)

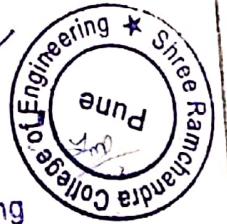
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2021-2022

  
Head  
Dept. Electrical Engineering  
SRCOE Pune-412216



A  
PROJECT REPORT  
ON  
"Pick And Place Robotic Arm and Conveyor  
Transfer Using PLC"

Submitted to  
Savitribai Phule Pune University  
In the partial fulfillment for the requirement of  
Last Year (B.E Electrical)

By,  
1.Sanket Sunil Admile  
2.Sahil Pandurang Ozare  
3.Prasad Adik

Under the guidance of  
PROF. V. S. RAIGIRE SIR  
(Assistant Professor)

Department Of Electrical Engineering

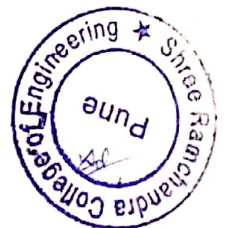


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2021-2022

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A  
PROJECT REPORT  
ON  
"Weather Monitoring System by Using Microcontroller"

Submitted to  
Savitribai Phule Pune University  
In the partial fulfillment for the requirement of  
Last Year (B.E) in  
Electrical

By  
1. Shiram Laxman Doifode  
2. Ananda Suresh Pol  
3. Kuldeep Shyamsundar Varma

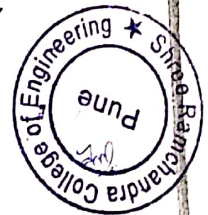
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PROF. SHRADDHA AHIRRAO  
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Department of Electrical Engineering

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2021-2022

  
Head  
Dept. Electrical Engineering  
SRCOE Pune-412216



A  
PROJECT REPORT  
ON  
"Operation of Laser Marking machine using  
Robot EPSON RC+ 7.0"

Submitted to  
Savitribai Phule Pune University  
In the partial fulfillment for the requirement of  
Last Year (B.E.) in  
Electrical

By  
1. Barve Aniket Shivaji  
2. Dake Supriya Suresh  
3. Narkhede Nilesh Dilip

Under the guidance of

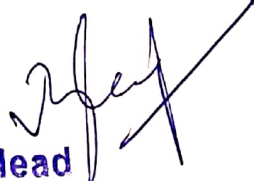
PROF. PRIYA PATIL

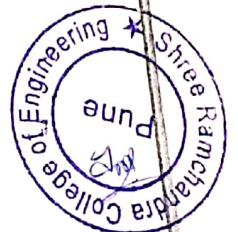
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2021-2022

  
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Dept. Electrical Engineering  
SRCOE Pune - 412216



A  
PROJECT REPORT  
ON  
"Battery Operated Motorized Wheelchair For Handicap"

Submitted to  
Savitribai Phule Pune University

In the partial fulfillment for the requirement of  
Last Year (B.E.) in  
Electrical Engineering

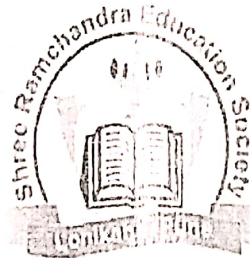
By

1. Katkar Suraj Vitthalappa
2. Gawte Ram Ashokrao
3. Changale Sayali Shivaji

Under the guidance of

Prof.S.V.Ahirrao  
(Assistant Professor)

Department of Electrical Engineering



Department of Electrical Engineering

S.R.E.S's  
Shree Ramchandra college of Engineering, Pune - 412216.  
2021-2022

Head

Dept. Electrical Engineering  
SRCOE Pune-412216





A  
PROJECT REPORT  
ON

**“Prototype Implementation of  
Electromagnetic Piston”**

Submitted to  
**Savitribai Phule Pune University**

In the partial fulfillment for the requirement of  
Last Year (B.E.) in  
Electrical

By

1. Akash D. Rathod
2. Krishna B.Chavan
3. Sai S. Raskar

Under the guidance of

\*Prof. D.A. Tikar  
(Assistant Professor)  
Department Of Electrical Engineering

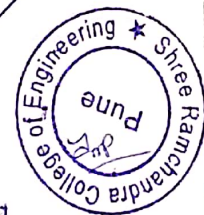


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S.R.E.S.'s  
Shree Ramchandra college of Engineering, Pune - 412216.  
2021-2022

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Dept. Electrical Engineering  
SRCOE Pune-412216



A  
PROJECT REPORT  
ON  
"Solar Powered Hybrid Bicycle"

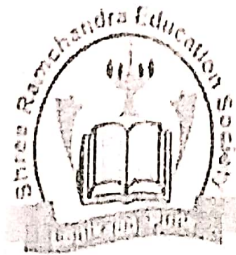
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Electrical

- By
1. Tanmay Hemant Salunkhe (71848863G)
  2. Rupesh Devidas Mahale (72015678F)
  3. Bharati Sameer Bedre (72015656E)
  4. Ashwini Dnyanoba Gharjale (72015666B)

Under the guidance of

PROF. PRIYA PATHIL  
(Assistant Professor)

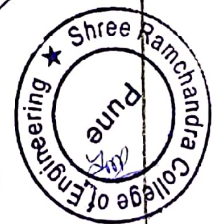
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2021-22

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Dept. Electrical Engineering  
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PROJECT REPORT  
ON

"Battery Management System of Electric Vehicle"

Submitted to  
Savitribai Phule Pune University

In the partial fulfillment for the requirement of  
Last Year B.E. in  
Electrical

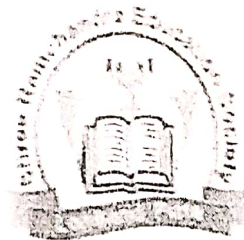
By

1. Yadav Vaibhav Himmatrao
2. Zarekar Aditya Jitendra
3. Zende Renuja Mahadev

Under the guidance of

PROF. M. RAO  
(H.O.D.)

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2021-2022

  
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