

# K.S.R.M College of Engineering

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

(Accredited by NAAC, Bangalore, An ISO 9001:2015 Certified Institution)

(UG Program of EEE accredited by NBA, New Delhi)

KADAPA-516005 (A.P)

2023-2024

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



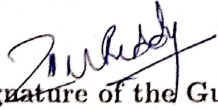
## CERTIFICATE

*This is to certify that the project report entitled  
"SOLAR POWERED ELECTRIC VEHICLE"  
is bonafied work carried out by*

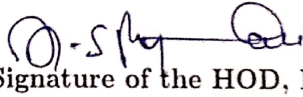
C. Rama Devi (209Y1A0206)  
M. Lakshmi Devi (219Y5A0205)

A. Gopi Charan (209Y1A0201)  
K. Sai Rahul (209Y1A0216)

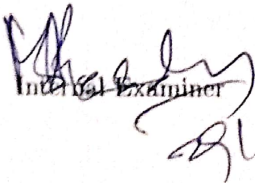
*Department of Electrical & Electronics Engineering, K.S.R.M College of Engineering, Kadapa  
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Signature of the Guide

Mr.K. Rama Mohan Reddy M.Tech., (Ph.D.)  
Associate Professor

  
Signature of the HOD, EEE

Dr. M.S. Priyadarshini, M.Tech.,Ph.D.,  
Professor and HOD of EEE

  
Internal Examiner  
24/11/24

  
External Examiner



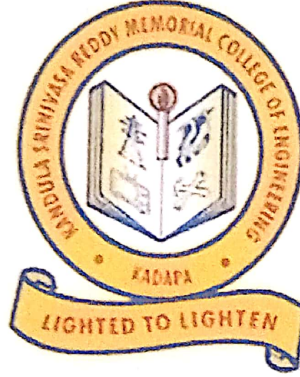
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ENGINEERING



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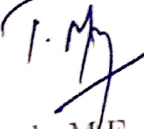
*This is to certify that the project report entitled  
"DESIGN AND EXPERIMENTAL EVALUATION OF HIGH STEP-UP  
BOOST CONVERTER FOR ELECTRICAL VEHICLE POWERED BY  
SOLAR PHOTO VOLTAIC"  
is bonafied work carried out by*

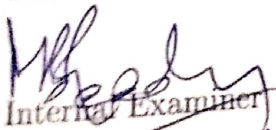
B. Chandra Kumar (219Y5A0203)  
V. Vinay (209Y1A0251)

A.V. Yaswanth (219Y5A0202)  
A. Gangadhar (209Y1A0202)

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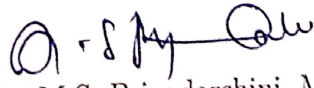
Project Guide:

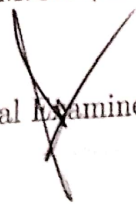
  
Dr.T. Mariprasath, M.E., Ph.D.,  
Associate professor,  
K.S.R.M.C.E.,Kadapa.

  
Internal Examiner

19/4/24

Head of the Department:

  
Dr.M.S. Priyadarshini, M.Tech., Ph.D.,  
Professor & HOD Of EEE,  
K.S.R.M.C.E.,Kadapa.

  
External Examiner

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### CERTIFICATE

*This is to certify that the project report entitled "TEMPERATURE CONTROLLED FAN USING ARDUINO" is bonafide work carried out by*

A.Sanjana (209Y1A0203)

M.Charan Kumar (209Y1A0226)

N.Naveen Kumar (209Y1A0230)

S.Ramu (209Y1A0239)

*Department of Electrical and Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.U.A Ananthapuramu in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering.*

Project Guide

*G. Hussain Basha*  
G.Hussain Basha, M.Tech.,  
Assistant Professor,  
Department of E.E.E,  
K.S.R.M.C.E., Kadapa.

Head of the Department

*Dr. M.S. Priyadarshini*  
Dr.M.S.Priyadarshini,  
Professor and HOD,  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

*[Signature]*  
External Examiner

*[Signature]*  
Internal Examiner  
21/4/24



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## CERTIFICATE

*This is to certify that the project report entitled "IOT BASED BATTERY MONITORING SYSTEM FOR ELECTRIC VEHICLE" is bonfide work carried out by*

B NEERAJA REDDY(209Y1A0204) V JAGADEESH(209Y1A0252)  
R.MADHUKRISHNA(209Y1A0236) K.MOHAMMAED KAIF ALI(209Y1A0218)

*Department of Electrical & Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.U University in partial fulfillment of the requirements for the award of the degree of Bachelor of technology in Electrical & Electronics Engineering.*

Project Guide:

*S. Khadar*  
Mr.S.Khadar Vali M.Tech.,(Ph.D),  
Assistant Professor,  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

Head of the Department:

*M.S. Priyadarshini*  
Dr.M.S.Priyadarshini,M.Tech.Ph.D  
Professor and HOD,  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

*M. Reddy*  
Internal Examiner  
9/14/24

*[Signature]*  
External Examiner



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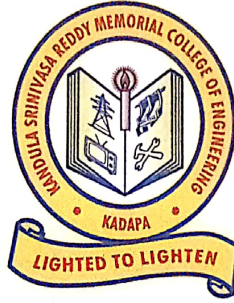
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### CERTIFICATE

*This is to certify that the project report entitled  
"SMART HELMET"  
is bonafied work carried out by*

K.Likhitha (209Y1A0217)  
B.Yaswanth (209Y1A0205)

K.Mohan Krihsna (209Y1A0219)  
K.Venkata Sai(209Y1A0220)

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Project Guide: *28-04-24*  
Dr.Kumar Reddy Cheppati, M.Tech, Ph.D.,  
Associate professor

*Internal Examiner*  
*29/4/24*

*Head of the Department:*  
Dr.M.S. Priyadarshini, M.Tech., Ph.D.,  
Professor & HOD

*External Examiner*



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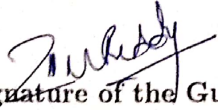
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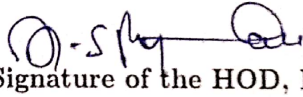
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M. Lakshmi Devi (219Y5A0205)

A. Gopi Charan (209Y1A0201)  
K. Sai Rahul (209Y1A0216)

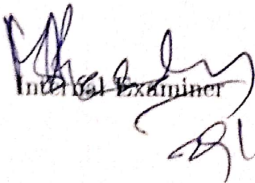
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Signature of the Guide

Mr.K. Rama Mohan Reddy M.Tech., (Ph.D.)  
Associate Professor

  
Signature of the HOD, EEE

Dr. M.S. Priyadarshini, M.Tech.,Ph.D.,  
Professor and HOD of EEE

  
Internal Examiner  
24/11/24

  
External Examiner



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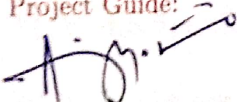
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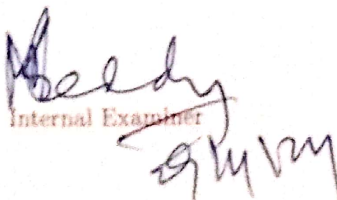
*This is to certify that the project report entitled "SMART HOME APPLIANCES USING RASPBERRY PI" is bonafide work carried out by*

D.Tejawini(209Y1A0210)    M.Maha Lakshmi(209Y1A0227)  
D.Sai Pavan(209Y1A0207)    M.Pavan Kumar(209Y1A0228)


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Project Guide:

  
A.JYOTHIRMAYI M.Tech  
Assistant Professor,  
Department of E.E.E,  
K.S.R.M.C.E., Kadapa.

  
Internal Examiner

Head of the Department:

  
Dr.M.S.Priyadarshini M.Tech,Ph.D  
Professor and HOD,  
Department of E.E.E  
K.S.R.M.C.E.,Kadapa.

  
External Examiner



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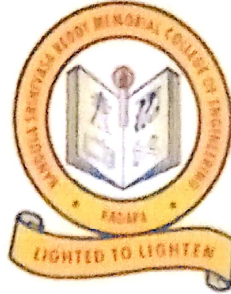
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*This is to certify that the project report entitled "Power Efficient Portable Inverter" is bonafied work carried out by D.Dharani(209Y1A0209)P.Yogna(209Y1A0231) G.Siva Kumar (209Y1A0214)S.Sudharshan (209Y1A0246)*

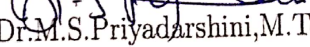
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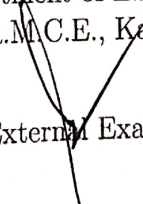
Project Guide:

  
Sri.N.Siddhik, M. Tech,  
Assistant Professor,  
Department of E.E.E ,  
K.S.R.M.C.E., Kadapa.

  
Internal Examiner

Head of the Department:

  
Dr.M.S.Priyadarshini, M. Tech., Ph.D,  
Professor & HOD  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

  
External Examiner





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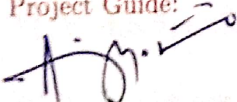
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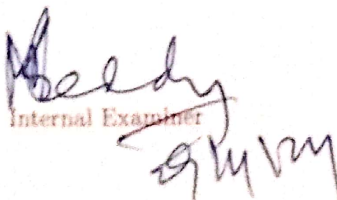
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D.Tejawini(209Y1A0210)    M.Maha Lakshmi(209Y1A0227)  
D.Sai Pavan(209Y1A0207)    M.Pavan Kumar(209Y1A0228)


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Project Guide:

  
A.JYOTHIRMAYI M.Tech  
Assistant Professor,  
Department of E.E.E,  
K.S.R.M.C.E., Kadapa.

  
Internal Examiner

Head of the Department:

  
Dr.M.S.Priyadarshini M.Tech,Ph.D  
Professor and HOD,  
Department of E.E.E  
K.S.R.M.C.E.,Kadapa.

  
External Examiner



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KADAPA - 516005 (A.P)

2023-2024

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



## CERTIFICATE

*This is to certify that the project report entitled "SMART WEATHER MONITORING SYSTEM USING NODEMCU AND THINGSPEAK" is bonafied work carried out by*

**G. Harika (209Y1A0211)**

**P. Ravi Shankar (209Y1A0233)**

**R. Thirumala (209Y1A0237)**

**S. Yuvaraj (209Y1A0240)**

*Department of Electrical and Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.U.A Ananthapuramu in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering.*

**Project Guide:**

**Sri K. Kalyan Kumar, M.Tech,(Ph.D),**

Assistant Professor,

Department of E.E.E.,

K.S.R.M.C.E.,(Autonomous),Kadapa.

**Internal Examiner**  
22/4/24

**Head of the Department:**

**Dr.M.S.Priyadarshini,M.Tech., Ph.D,**

Professor & HOD,

Department of E.E.E.,

K.S.R.M.C.E.,(Autonomous),Kadapa.

**External Examiner**



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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**



**CERTIFICATE**

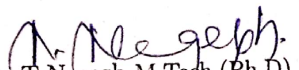
*This is to certify that the project report entitled "A NOVEL VEHICLE SECURITY SYSTEM USING DRIVER'S LICENSE AND FINGERPRINT AUTOMATION" is bonafide work carried out by*

T.PALLAVI (209Y1A0249)


S.SHASHIKALA (209Y1A0247) P.DAYANANDA (209Y1A0232)  
G.LINGAMAIAH (209Y1A0212) S.FAIZ REHMAN (209Y1A0242)

*Department of Electrical and Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.U.A Ananthapuramu in partial fulfillment of the requirements for the award of the degree of Bachelor of technology in Electrical and Electronics Engineering.*

Project Guide:

  
T.Naresh M.Tech, (Ph.D),  
Assistant Professor,  
Department of E.E.E,  
K.S.R.M.C.E., Kadapa.

Head of the Department:

  
Dr.M.S.Priyadarshini M.Tech, Ph.D,  
Professor and HOD,  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

  
External Examiner  
29/11/24

  
External Examiner



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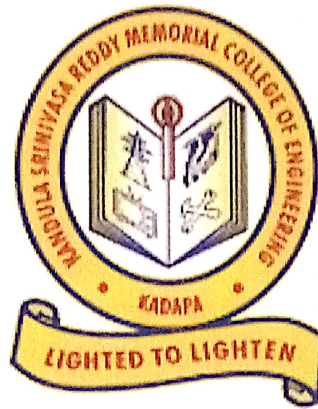
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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### CERTIFICATE

*This is to certify that the project report entitled "Over Speed Detection and control of an Electric Vehicle Motor with Motor driver and Arduino by utilizing Motor-Generating action" is bonafied work carried out by*

P. Sai Vignesh (209Y1A0235)

N. Sasi Rekha (209Y1A0229)

G.V Sunil Kumar (209Y1A0213)

K. Hemanth Kumar (209Y1A0221)

*Department of Electrical & Electronics Engineering, K.S.R.M College of Engineer in, Kadapa and is submitted to J.N.T.U.A University in partial fulfillment of the requirements for the award of the degree of Bachelor of technology in Electrical & Electronics Engineering.*

Project Guide: *C. Kumar* 28-04-24  
Dr. C. Kumar Reddy M.Tech., Ph.D.,  
Associate Professor  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

*Internal Examiner*

*M.S. Priyadarshini*  
Head of the Department:  
Dr. M.S. Priyadarshini M.Tech., Ph.D.,  
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Department of E.E.E  
K.S.R.M.C.E., Kadapa.

*External Examiner*



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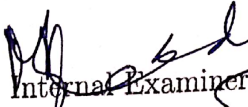
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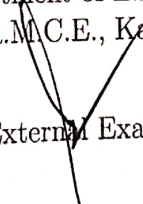
  
Sri.N.Siddhik, M. Tech,  
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Internal Examiner

21/4/24

Head of the Department:

  
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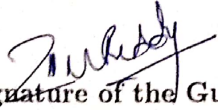
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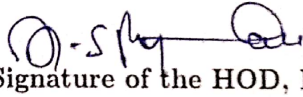
C. Rama Devi (209Y1A0206)  
M. Lakshmi Devi (219Y5A0205)

A. Gopi Charan (209Y1A0201)  
K. Sai Rahul (209Y1A0216)

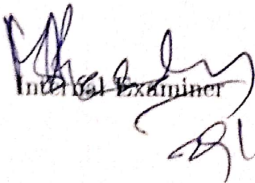
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Signature of the Guide

Mr.K. Rama Mohan Reddy M.Tech., (Ph.D.)  
Associate Professor

  
Signature of the HOD, EEE

Dr. M.S. Priyadarshini, M.Tech.,Ph.D.,  
Professor and HOD of EEE

  
Internal Examiner  
24/11/24

  
External Examiner



# K.S.R.M College of Engineering

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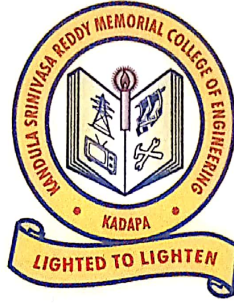
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KADAPA-516005 (A.P)

2023-2024

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### CERTIFICATE

*This is to certify that the project report entitled  
"SMART HELMET"  
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K.Likhitha (209Y1A0217)  
B.Yaswanth (209Y1A0205)

K.Mohan Krihsna (209Y1A0219)  
K.Venkata Sai(209Y1A0220)

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Project Guide: *28-04-24*  
Dr.Kumar Reddy Cheppati, M.Tech, Ph.D.,  
Associate professor

*Internal Examiner*  
*29/4/24*

*Head of the Department:*  
Dr.M.S. Priyadarshini, M.Tech., Ph.D.,  
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



## CERTIFICATE

*This is to certify that the project report entitled "IOT BASED BATTERY MONITORING SYSTEM FOR ELECTRIC VEHICLE" is bonfide work carried out by*

B NEERAJA REDDY(209Y1A0204) V JAGADEESH(209Y1A0252)  
R.MADHUKRISHNA(209Y1A0236) K.MOHAMMAED KAIF ALI(209Y1A0218)

*Department of Electrical & Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.U University in partial fulfillment of the requirements for the award of the degree of Bachelor of technology in Electrical & Electronics Engineering.*

Project Guide:

*S. Khadar*  
Mr.S.Khadar Vali M.Tech.,(Ph.D),  
Assistant Professor,  
Department of E.E.E  
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Head of the Department:

*M.S. Priyadarshini*  
Dr.M.S.Priyadarshini,M.Tech.Ph.D  
Professor and HOD,  
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K.S.R.M.C.E., Kadapa.

*M. Madhukrishna*  
Internal Examiner  
9/14/24

*[Signature]*  
External Examiner





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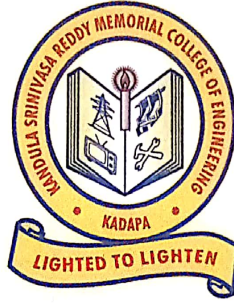
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*Internal Examiner*  
*29/4/24*

*Head of the Department:*  
Dr.M.S. Priyadarshini, M.Tech., Ph.D.,  
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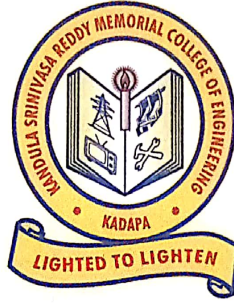
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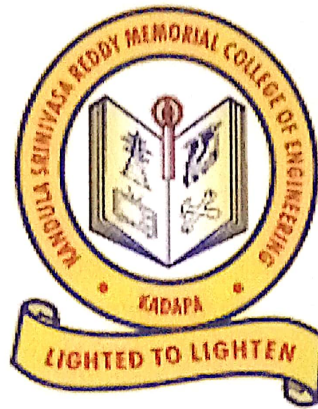
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N. Sasi Rekha (209Y1A0229)

G.V Sunil Kumar (209Y1A0213)

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Project Guide: *C. Kumar Reddy* 28-04-24  
Dr. C. Kumar Reddy M.Tech., Ph.D.,  
Associate Professor  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

*Internal Examiner*

*M.S. Priyadarshini*  
Head of the Department:  
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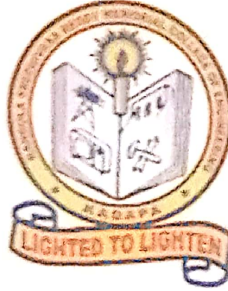
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KADAPA - 516003 (A.P.)  
2023-2024

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "INSPECTION AND SURVEILLANCE OF ENERGY CONSUMPTION USING WIRELESS SENSOR NETWORK AND RASPBERRY PI" is being submitted by

L.N SAI PAVAN (209Y1A0222)

M.GOWRI (209Y1A0223)

M.C. BHARATH KUMAR REDDY (209Y1A0225)

S.MOHAMMED SAMEER (209Y1A0244)

Department of Electrical & Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.University in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical & Electronics Engineering.

Project Guide:

Smt. Saleha Tabassum, M.Tech, (Ph.D),

Assistant Professor,

Department of E.E.E,

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Head of the Department

Dr. M.S. Priyadarshini, M.Tech, Ph.D,

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External Examiner

29/11/23

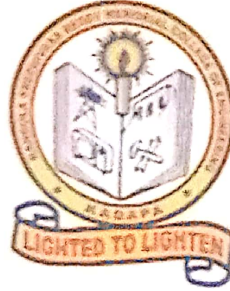
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External Examiner

29/4/23

External Examiner



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KADAPA - 516005 (A.P)

2023 - 2024

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



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A.Sanjana (209Y1A0203)

M.Charan Kumar (209Y1A0226)

N.Naveen Kumar (209Y1A0230)

S.Ramu (209Y1A0239)

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Project Guide

*G. Hussain Basha*  
G.Hussain Basha, M.Tech.,  
Assistant Professor,  
Department of E.E.E,  
K.S.R.M.C.E., Kadapa.

Head of the Department

*Dr. M.S. Priyadarshini*  
Dr.M.S.Priyadarshini,  
Professor and HOD,  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

*[Signature]*  
External Examiner

*[Signature]*  
Internal Examiner  
21/4/24



# K.S.R.M COLLEGE OF ENGINEERING

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Kadapa- 516005(A.P)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



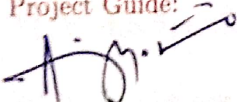
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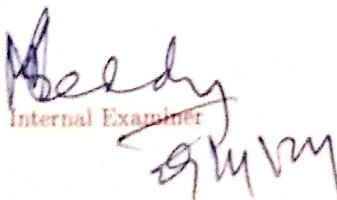
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D.Tejawini(209Y1A0210)    M.Maha Lakshmi(209Y1A0227)  
D.Sai Pavan(209Y1A0207)    M.Pavan Kumar(209Y1A0228)


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Project Guide:

  
A.JYOTHIRMAYI M.Tech  
Assistant Professor,  
Department of E.E.E,  
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Internal Examiner

Head of the Department:

  
Dr.M.S.Priyadarshini M.Tech,Ph.D  
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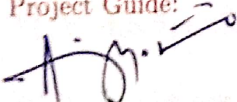
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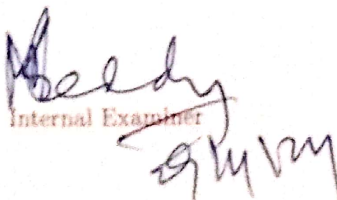
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Assistant Professor,  
Department of E.E.E,  
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Internal Examiner

Head of the Department:

  
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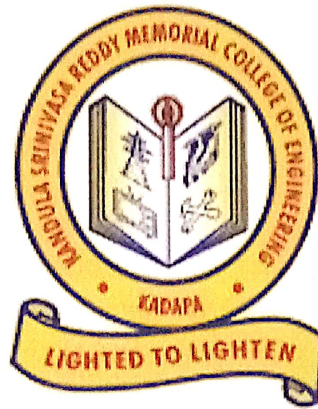
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Project Guide: *C. Kumar Reddy* 28-04-24  
Dr. C. Kumar Reddy M.Tech., Ph.D.,  
Associate Professor  
Department of E.E.E  
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*M.S. Priyadarshini*  
Head of the Department:  
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*G. Hussain Basha*  
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*[Signature]*  
External Examiner

*[Signature]*  
Internal Examiner  
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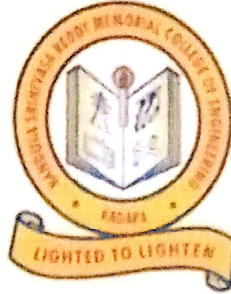
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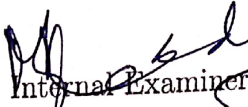
## CERTIFICATE

*This is to certify that the project report entitled "Power Efficient Portable Inverter" is bonafied work carried out by D.Dharani(209Y1A0209)P.Yogna(209Y1A0231) G.Siva Kumar (209Y1A0214)S.Sudharshan (209Y1A0246)*

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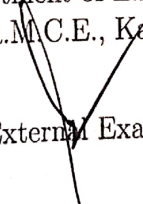
  
Sri.N.Siddhik, M. Tech,  
Assistant Professor,  
Department of E.E.E ,  
K.S.R.M.C.E., Kadapa.

  
Internal Examiner

21/1/24

Head of the Department:

  
Dr.M.S.Priyadarshini, M. Tech., Ph.D,  
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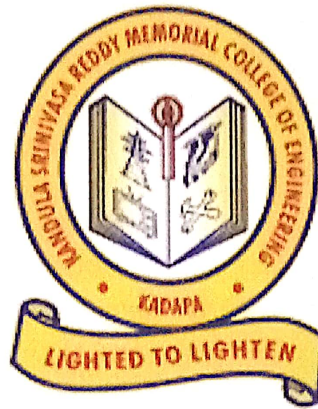
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*Department of Electrical & Electronics Engineering, K.S.R.M College of Engineer in, Kadapa and is submitted to J.N.T.U.A University in partial fulfillment of the requirements for the award of the degree of Bachelor of technology in Electrical & Electronics Engineering.*

Project Guide: *C. Kumar* 28-04-24  
Dr. C. Kumar Reddy M.Tech., Ph.D.,  
Associate Professor  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

*Internal Examiner*

*M.S. Priyadarshini*  
Head of the Department:  
Dr. M.S. Priyadarshini M.Tech., Ph.D.,  
Associate Professor  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

*External Examiner*



# K.S.R.M. COLLEGE OF ENGINEERING (AUTONOMOUS)

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(Accredited by NBA of AICTE, Accredited by NAAC of UGC)

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KADAPA - 516005 (A.P)

2023-2024

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



## CERTIFICATE

*This is to certify that the project report entitled "SMART WEATHER MONITORING SYSTEM USING NODEMCU AND THINGSPEAK" is bonafied work carried out by*

**G. Harika (209Y1A0211)**

**P. Ravi Shankar (209Y1A0233)**

**R. Thirumala (209Y1A0237)**

**S. Yuvaraj (209Y1A0240)**

*Department of Electrical and Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.U.A Ananthapuramu in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering.*

**Project Guide:**

**Sri K. Kalyan Kumar, M.Tech,(Ph.D),**

**Assistant Professor,**

**Department of E.E.E.,**

**K.S.R.M.C.E.,(Autonomous),Kadapa.**

**Internal Examiner**  
22/4/24

**Head of the Department:**

**Dr.M.S.Priyadarshini,M.Tech., Ph.D,**

**Professor & HOD,**

**Department of E.E.E.,**

**K.S.R.M.C.E.,(Autonomous),Kadapa.**

**External Examiner**



# K.S.R.M College Of Engineering (AUTONOMOUS)

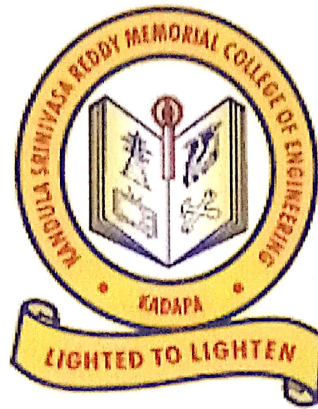
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KADAPA - 516005 (A.P)

2023 - 2024

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### CERTIFICATE

*This is to certify that the project report entitled "Over Speed Detection and control of an Electric Vehicle Motor with Motor driver and Arduino by utilizing Motor-Generating action" is bonafied work carried out by*

P. Sai Vignesh (209Y1A0235)

N. Sasi Rekha (209Y1A0229)

G.V Sunil Kumar (209Y1A0213)

K. Hemanth Kumar (209Y1A0221)

*Department of Electrical & Electronics Engineering, K.S.R.M College of Engineer in, Kadapa and is submitted to J.N.T.U.A University in partial fulfillment of the requirements for the award of the degree of Bachelor of technology in Electrical & Electronics Engineering.*

Project Guide: *C. Kumar* 28-04-24  
Dr. C. Kumar Reddy M.Tech., Ph.D.,  
Associate Professor  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

*Internal Examiner*

*M.S. Priyadarshini*  
Head of the Department:  
Dr. M.S. Priyadarshini M.Tech., Ph.D.,  
Associate Professor  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

*External Examiner*



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KADAPA-516005 (A.P)

2023-2024

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



## CERTIFICATE

*This is to certify that the project report entitled "IOT BASED BATTERY MONITORING SYSTEM FOR ELECTRIC VEHICLE" is bonfide work carried out by*

B NEERAJA REDDY(209Y1A0204) V JAGADEESH(209Y1A0252)  
R.MADHUKRISHNA(209Y1A0236) K.MOHAMMAED KAIF ALI(209Y1A0218)

*Department of Electrical & Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.U University in partial fulfillment of the requirements for the award of the degree of Bachelor of technology in Electrical & Electronics Engineering.*

Project Guide:

*S. Khadar*  
Mr.S.Khadar Vali M.Tech.,(Ph.D),  
Assistant Professor,  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

Head of the Department:

*M.S. Priyadarshini*  
Dr.M.S.Priyadarshini,M.Tech.Ph.D  
Professor and HOD,  
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*M. Madhukrishna*  
Internal Examiner  
9/11/24

*[Signature]*  
External Examiner





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



## CERTIFICATE

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**G. Harika (209Y1A0211)**

**P. Ravi Shankar (209Y1A0233)**

**R. Thirumala (209Y1A0237)**

**S. Yuvaraj (209Y1A0240)**

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**Project Guide:**

**Sri K. Kalyan Kumar, M.Tech,(Ph.D),**

**Assistant Professor,**

**Department of E.E.E.,**

**K.S.R.M.C.E.,(Autonomous),Kadapa.**

**Internal Examiner**  
22/4/24

**Head of the Department:**

**Dr.M.S.Priyadarshini,M.Tech., Ph.D,**

**Professor & HOD,**

**Department of E.E.E.,**

**K.S.R.M.C.E.,(Autonomous),Kadapa.**

**External Examiner**



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Kadapa- 516005(A.P)

2023-2024

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



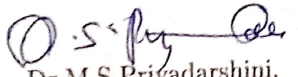
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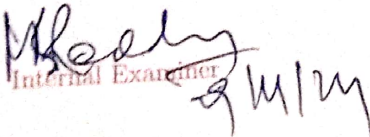
*This is to certify that the project report entitled "SOLAR WIRELESS ELECTRIC VEHICLE TO VEHICLE CHARGING SYSTEM" is bonafide work carried out by*

S.ALISHA SAMEERA (209Y1A0241) M.SRINIDHI (219Y5A0204)  
S.SREEKANTH (209Y1A0238) S.PARVEZ (209Y1A0245)

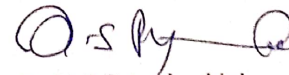
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Project Guide:

  
Dr.M.S.Priyadarshini,  
Professor and HOD,  
Department of E.E.E,  
K.S.R.M.C.E., Kadapa.

  
Internal Examiner

Head of the Department:

  
Dr.M.S.Priyadarshini,  
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External Examiner



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KADAPA - 516005 (A.P)

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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### CERTIFICATE

*This is to certify that the project report entitled "TEMPERATURE CONTROLLED FAN USING ARDUINO" is bonafide work carried out by*

A.Sanjana (209Y1A0203)

M.Charan Kumar (209Y1A0226)

N.Naveen Kumar (209Y1A0230)

S.Ramu (209Y1A0239)

*Department of Electrical and Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.U.A Ananthapuramu in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering.*

Project Guide

*G. Hussain Basha*  
G.Hussain Basha, M.Tech.,  
Assistant Professor,  
Department of E.E.E,  
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Head of the Department

*Dr. M.S. Priyadarshini*  
Dr. M.S. Priyadarshini,  
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External Examiner

*M. Shetty*  
Internal Examiner  
21/4/24



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



## CERTIFICATE

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**Project Guide:**

**Sri K. Kalyan Kumar, M.Tech,(Ph.D),**

Assistant Professor,

Department of E.E.E.,

K.S.R.M.C.E.,(Autonomous),Kadapa.

**Internal Examiner**  
22/4/24

**Head of the Department:**

**Dr.M.S.Priyadarshini,M.Tech., Ph.D,**

Professor & HOD,

Department of E.E.E.,

K.S.R.M.C.E.,(Autonomous),Kadapa.

**External Examiner**



# K.S.R.M COLLEGE OF ENGINEERING

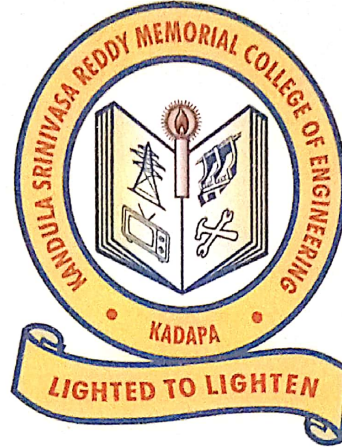
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Kadapa- 516005(A.P)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



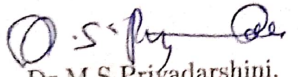
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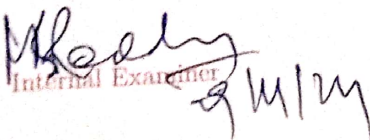
*This is to certify that the project report entitled "SOLAR WIRELESS ELECTRIC VEHICLE TO VEHICLE CHARGING SYSTEM" is bonafide work carried out by*

S.ALISHA SAMEERA (209Y1A0241) M.SRINIDHI (219Y5A0204)  
S.SREEKANTH (209Y1A0238) S.PARVEZ (209Y1A0245)

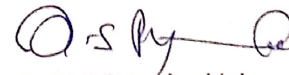
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Project Guide:

  
Dr.M.S.Priyadarshini,  
Professor and HOD,  
Department of E.E.E,  
K.S.R.M.C.E., Kadapa.

  
Internal Examiner

Head of the Department:

  
Dr.M.S.Priyadarshini,  
Professor and HOD,  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

  
External Examiner



# K.S.R.M College Of Engineering (AUTONOMOUS)

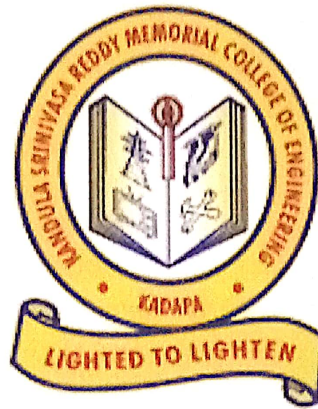
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2023 - 2024

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### CERTIFICATE

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*Department of Electrical & Electronics Engineering, K.S.R.M College of Engineer in, Kadapa and is submitted to J.N.T.U.A University in partial fulfillment of the requirements for the award of the degree of Bachelor of technology in Electrical & Electronics Engineering.*

Project Guide: *C. Kumar* 28-04-24  
Dr. C. Kumar Reddy M.Tech., Ph.D.,  
Associate Professor  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

*Internal Examiner*

*M.S. Priyadarshini*  
Head of the Department:  
Dr. M.S. Priyadarshini M.Tech., Ph.D.,  
Associate Professor  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

*External Examiner*



# K.S.R.M College of Engineering (AUTONOMOUS)

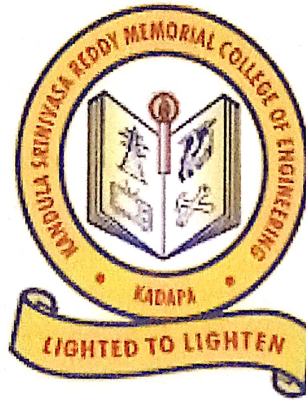
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KADAPA-516005 (A.P)

2023-2024

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### CERTIFICATE

*This is to certify that the project report entitled "SMART STICK FOR BLIND PEOPLE USING ARDUINO" is bonafied work carried out by*

S.MAHAMMAD JAVEED (209Y1A0243) Y.SOMASHEKAR REDDY (209Y1A0253)  
S.NAVEED (209Y1A0248) N.PRUDVIRAJ (219Y5A0206)

*Department of Electrical and Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.U.A University in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering.*

Project Guide:

*M. B. S. R. 12/4/24*

Sri.M.BHASKARA REDDY,M.Tech.,(Ph.D).,  
Associate Professor,  
Department of E.E.E,  
K.S.R.M.C.E., Kadapa.

*M. B. S. R.*  
Internal Examiner

Head of the Department:

*M. S. P. R.*  
Dr.M.S.PRIYADARSHINI,  
Professor & HOD,  
Department of E.E.E,  
K.S.R.M.C.E., Kadapa.

External Examiner



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KADAPA – 516003 (A.P.)  
2023-2024

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "INSPECTION AND SURVEILLANCE OF ENERGY CONSUMPTION USING WIRELESS SENSOR NETWORK AND RASPBERRY PI" is being submitted by

L.N SAI PAVAN (209Y1A0222)

M.GOWRI (209Y1A0223)

M.C. BHARATH KUMAR REDDY (209Y1A0225)

S.MOHAMMED SAMEER (209Y1A0244)

Department of Electrical & Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.University in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical & Electronics Engineering.

Project Guide:

Smt. Saleha Tabassum, M.Tech, (Ph.D),

Assistant Professor,

Department of E.E.E,

K.S.R.M.C.E., Kadapa.

Head of the Department

Dr. M.S. Priyadarshini, M.Tech, Ph.D,

Professor & HOD,

Department of E.E.E,

K.S.R.M.C.E., Kadapa.

External Examiner

29/11/23

External Examiner





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



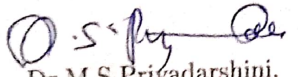
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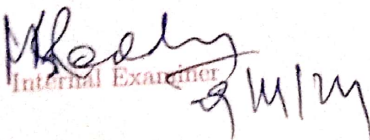
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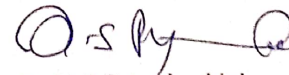
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Project Guide:

  
Dr.M.S.Priyadarshini,  
Professor and HOD,  
Department of E.E.E,  
K.S.R.M.C.E., Kadapa.

  
Internal Examiner

Head of the Department:

  
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K.S.R.M.C.E., Kadapa.

  
External Examiner



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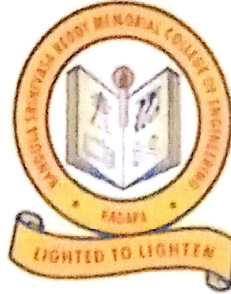
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KADAPA-516005 (A.P)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
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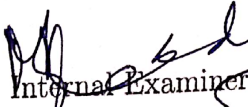
## CERTIFICATE

*This is to certify that the project report entitled "Power Efficient Portable Inverter" is bonafied work carried out by D.Dharani(209Y1A0209)P.Yogna(209Y1A0231) G.Siva Kumar (209Y1A0214)S.Sudharshan (209Y1A0246)*

*Department of Electrical and Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.U University in partial fulfillment of the requirements for the award of the degree of Bachelor of technology in Electrical and Electronics Engineering.*


Project Guide:

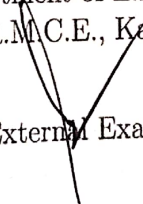
  
Sri.N.Siddhik, M. Tech,  
Assistant Professor,  
Department of E.E.E ,  
K.S.R.M.C.E., Kadapa.

  
Internal Examiner

21/4/24

Head of the Department:

  
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Professor & HOD  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

  
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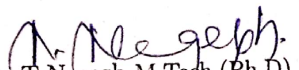
*This is to certify that the project report entitled "A NOVEL VEHICLE SECURITY SYSTEM USING DRIVER'S LICENSE AND FINGERPRINT AUTOMATION" is bonafide work carried out by*

T.PALLAVI (209Y1A0249)


S.SHASHIKALA (209Y1A0247) P.DAYANANDA (209Y1A0232)  
G.LINGAMAIAH (209Y1A0212) S.FAIZ REHMAN (209Y1A0242)

*Department of Electrical and Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.U.A Ananthapuramu in partial fulfillment of the requirements for the award of the degree of Bachelor of technology in Electrical and Electronics Engineering.*

Project Guide:

  
T.Naresh M.Tech, (Ph.D),  
Assistant Professor,  
Department of E.E.E,  
K.S.R.M.C.E., Kadapa.

Head of the Department:

  
Dr.M.S.Priyadarshini M.Tech, Ph.D,  
Professor and HOD,  
Department of E.E.E  
K.S.R.M.C.E., Kadapa.

  
External Examiner  
29/11/24

  
External Examiner



# K.S.R.M College of Engineering (AUTONOMOUS)

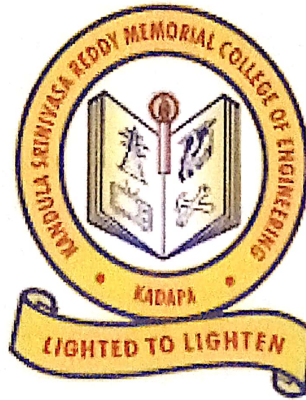
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KADAPA-516005 (A.P)

2023-2024

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### CERTIFICATE

*This is to certify that the project report entitled "SMART STICK FOR BLIND PEOPLE USING ARDUINO" is bonafied work carried out by*

S.MAHAMMAD JAVEED (209Y1A0243) Y.SOMASHEKAR REDDY (209Y1A0253)  
S.NAVEED (209Y1A0248) N.PRUDVIRAJ (219Y5A0206)

*Department of Electrical and Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.U.A University in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering.*

Project Guide:

*M. B. S. Reddy*  
27/4/24

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Associate Professor,  
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*M. B. S. Reddy*  
Internal Examiner

Head of the Department:

*M. S. Priyadarshini*  
Dr.M.S.PRIYADARSHINI,  
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*M. S. Priyadarshini*  
External Examiner



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(UGC-AUTONOMOUS)

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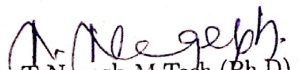
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T.PALLAVI (209Y1A0249)


S.SHASHIKALA (209Y1A0247) P.DAYANANDA (209Y1A0232)  
G.LINGAMAIAH (209Y1A0212) S.FAIZ REHMAN (209Y1A0242)

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Project Guide:

  
T.Naresh M.Tech, (Ph.D),  
Assistant Professor,  
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Head of the Department:

  
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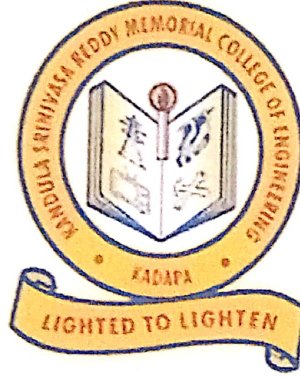
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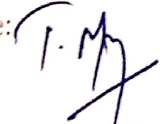
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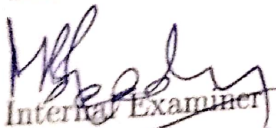
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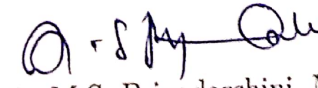
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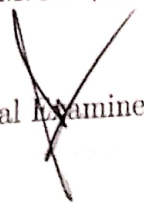
  
Dr.T. Mariprasath, M.E., Ph.D.,  
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B NEERAJA REDDY(209Y1A0204) V JAGADEESH(209Y1A0252)  
R.MADHUKRISHNA(209Y1A0236) K.MOHAMMAED KAIF ALI(209Y1A0218)

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Project Guide:

*S. Khadar*  
Mr.S.Khadar Vali M.Tech.,(Ph.D),  
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9/14/24

*[Signature]*  
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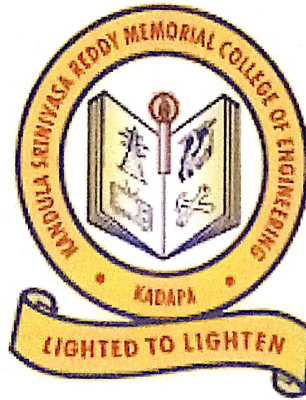
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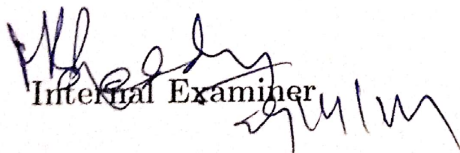
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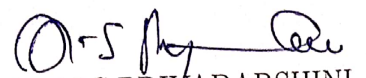
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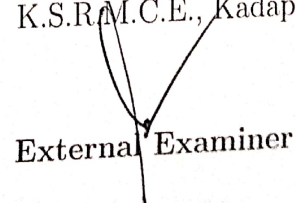
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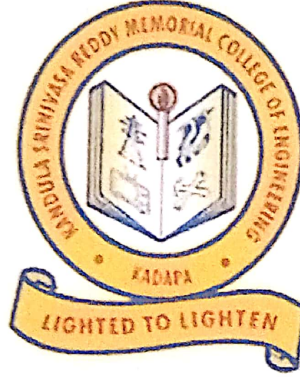
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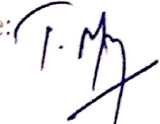
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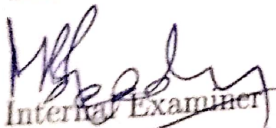
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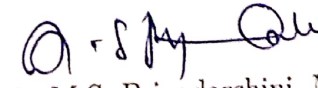
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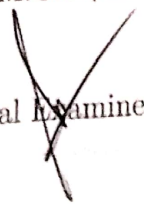
  
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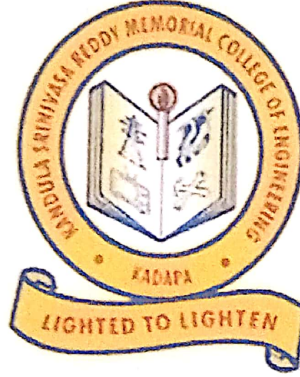
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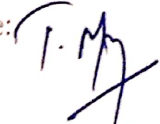
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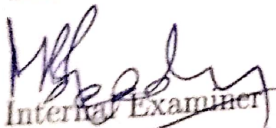
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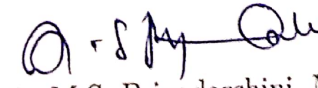
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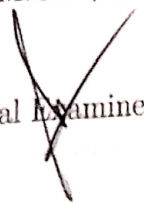
  
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