


Regd. No. : Y1805EIE2W00624

ANDHRA PRADESH POWER GENERATION CORPORATION LIMITED



TRAINING INSTITUTE

IBRAHIMPATNAM - 521 456, KRISHNA DISTRICT.

CERTIFICATE



CERTIFICATE

This is to Certify that Sri / Smt. / Kunn. DEVAKI AMRUTHA SYAMALA student of
Son / Wife / Daughter of D.V.S.PRASAD has participated in Two Weeks
. K.S.R.M.COLLEGE,KADAPA Industrial Training / Mini Project on Thermal Power Plant Familiarisation
for Engineering Students conducted at APGENCO Training Institute.
from . . . 14-05-2018 . . . to . . 26-05-2018 . . .

M V S Srinivasan
CHIEF ENGINEER
TRAINING INSTITUTE &
Dr. NTTPS Stage - V Construction
APGENCO

Regd. No. : Y1805EIE2W00623

ANDHRA PRADESH POWER GENERATION CORPORATION LIMITED



TRAINING INSTITUTE

IBRAHIMPATNAM - 521 456, KRISHNA DISTRICT.

CERTIFICATE

*This is to Certify that Sri / Smt. / Kum. KADIRI LAKSHMI JAHNAYI...EEE.....
Son / Wife / Daughter of K.NARASIMHULU..... student of
..... K.S.R.M. COLLEGE, KADAPA..... has participated in Two Weeks
Industrial Training / Mini Project on Thermal Power Plant Familiarisation
for Engineering Students conducted at APGENCO Training Institute.
from ...14-05-2018... to ...26-05-2018...*

M.V. Lakshminarayana
CHIEF ENGINEER
TRAINING INSTITUTE &
Dr. NTTPS Stage - V Construction
APGENCO

Regd. No. : Y1805EIE2W00627

ANDHRA PRADESH POWER GENERATION CORPORATION LIMITED



TRAINING INSTITUTE

IBRAHIMPATNAM - 521 456, KRISHNA DISTRICT.

CERTIFICATE

*This is to Certify that Sri / Smt. / Kum. DONTU BHARATHI...EEE.....
Son / Wife / Daughter of.....P.HARI..... Student of
.....K.S.R.M.COLLEGE,KADAPA.....has participated in Two Weeks
Industrial Training / Mini Project on Thermal Power Plant Familiarisation
for Engineering Students conducted at APGENCO Training Institute.
from ...14-05-2018... to ...26-05-2018...*

M V V Subramanyam
CHIEF ENGINEER
TRAINING INSTITUTE &
Dr. NTTPS Stage - V Construction
APGENCO



భారత్ హెవీ ఎలెక్ట్రికల్స్ లిమిటెడ్

హెవీ పవర్ ఎక్విప్మెంట్ ప్లాంట్, రామచంద్రాపురం, హైదరాబాద్ - 502032 (భారత్)

भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पावर इक्विपमेंट प्लांट, रामचन्द्रापुरम, हैदराबाद - 502032 (भारत)

BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad - 502032 (INDIA)

మానవ వనరుల వికాస కేంద్రము / मानव संसाधन विकास केंद्र

Human Resource Development Centre



बीएचईएल पंजीयन संख्या / BHEL Reg. No. 18 ENGG 2061

दिनांक / Date: 05/06/18

प्रोजेक्ट कार्य प्रशिक्षण प्रमाण पत्र

PROJECT WORK TRAINING CERTIFICATE

प्रमाणित किया जाता है कि श्री/सुश्री/श्रीमती / This is to certify that Mr./Ms./Mrs. PANCHANGAM

NISHANTH अनुक्रमांक / Roll No. 159Y1A0272 ने / of KSRM COLLEGE

OF ENGINEERING महाविद्यालय / विश्वविद्यालय / college / university से अध्ययन करते हुए / pursuing

B.TECH - EEE पाठ्यक्रम में / Course प्रोजेक्ट कार्य प्रशिक्षण / has satisfactorily completed the

Project work training from दिनांक / Dt. 22/05/2018 से / to दिनांक / Dt. 05/06/2018 तक

सफलतापूर्वक पूर्ण किए हैं। प्रोजेक्ट कार्य का शीर्षक/The title of the project is MANUFACTURING

OF ALTERNATORS

प्रोजेक्ट प्रशिक्षण प्रभारी
Project Training In-Charge

पंजीकृत कार्यालय - "बीएचईएल हाउस", सिरि फोर्ट, नई दिल्ली - 110 049

Regd. Office: "BHEL House", Siri Fort, New Delhi - 110 049

Website: www.bhel.com

ADDL. Engr. in-charge
HDC W/S
BHEL 110032

9/03/2018



భారత్ హెవీ ఎలెక్ట్రికల్స్ లిమిటెడ్

హెవీ పవర్ ఎక్విప్మెంట్ ప్లాంట్, రామచంద్రాపురం, హైదరాబాద్ - 502032 (భారత్)

भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पावर इक्विपमेंट प्लांट, रामचन्द्रापुरम, हैदराबाद - 502032 (भारत)

BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad - 502032 (INDIA)



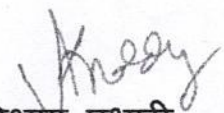
మానవ వనరుల వికాస కేంద్రము / मानव संसाधन विकास केंद्र
Human Resource Development Centre

बीएचईएल पंजीयन संख्या / BHEL Reg. No. 18ENG62061

दिनांक / Date: 05/06/2018

प्रोजेक्ट कार्य प्रशिक्षण प्रमाण पत्र
PROJECT WORK TRAINING CERTIFICATE

प्रमाणित किया जाता है कि श्री/सुश्री/श्रीमती / This is to certify that Mr./Ms. /Mrs. GINKALA
KARIMULLA अनुक्रमांक / Roll No. 159YIA0226 ने / of KSRM COLLEGE
OF ENGINEERING महाविद्यालय / विश्वविद्यालय / college / university से अध्ययन करते हुए / pursuing
B.TECH - EEE पाठ्यक्रम में / Course प्रोजेक्ट कार्य प्रशिक्षण / has satisfactorily completed the
Project work training from दिनांक / Dt. 22/05/2018 से / to दिनांक / Dt. 05/06/2018 तक
सफलतापूर्वक पूर्ण किए हैं। प्रोजेक्ट कार्य का शीर्षक/The title of the project is "MANUFACTURING
OF ALTERNATORS"


प्रोजेक्ट प्रशिक्षण प्रभारी
Project Training In-Charge

पंजीकृत कार्यालय - "बीएचईएल हाउस", सिरी फोर्ट, नई दिल्ली - 110 049

Regd. Office: "BHEL House", Siri Fort, New Delhi - 110 049

Website: www.bhel.com

A. KRISHNA REDDY
Addl. Engineer/HRDC W/S
BHEL HYD-22



భారత్ హెవీ ఎలెక్ట్రికల్స్ లిమిటెడ్

హెవీ పవర్ ఎక్విప్మెంట్ ప్లాంట్, రామచంద్రాపురం, హైదరాబాద్ - 502032 (భారత్)

भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पावर इक्विपमेंट प्लांट, रामचन्द्रापुरम, हैदराबाद - 502032 (भारत)

BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad - 502032 (INDIA)



మానవ వనరుల వికాస కేంద్రము / मानव संसाधन विकास केंद्र

Human Resource Development Centre

बीएचईएल पंजीयन संख्या / BHEL Reg. No. 18EN662061

दिनांक / Date: 05/06/18

प्रोजेक्ट कार्य प्रशिक्षण प्रमाण पत्र

PROJECT WORK TRAINING CERTIFICATE

प्रमाणित किया जाता है कि श्री/सुश्री/श्रीमती / This is to certify that Mr./Ms./Mrs. JETTI PRADEEP

अनुक्रमांक / Roll No. 159Y1A0229 ने / of KSRM College of

Engineering, Kadapa महाविद्यालय / विश्वविद्यालय / college / university से अध्ययन करते हुए / pursuing

B.TECH ~ EEE पाठ्यक्रम में / Course प्रोजेक्ट कार्य प्रशिक्षण / has satisfactorily completed the

Project work training from दिनांक / Dt. 22/05/2018 से / to दिनांक / Dt. 05/06/2018 तक

सफलतापूर्वक पूर्ण किए हैं। प्रोजेक्ट कार्य का शीर्षक/The title of the project is "MANUFACTURING OF ALTERNATORS"

प्रोजेक्ट प्रशिक्षण प्रभारी
Project Training In-Charge

पंजीकृत कार्यालय - "बीएचईएल हाउस", सिरी फोर्ट, नई दिल्ली - 110 049

Regd. Office: "BHEL House", Siri Fort, New Delhi - 110 049

Website: www.bhel.com

A. KRISHNA REDDY
Addl. Engineer/HRDC W&R
B.H.E.L. HYD-32.



భారత్ హెవీ ఎలెక్ట్రికల్స్ లిమిటెడ్

హెవీ పవర్ ఎక్విప్మెంట్ ప్లాంట్, రామచంద్రాపురం, హైదరాబాద్ - 502032 (భారత్)

भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पावर इक्विपमेंट प्लांट, रामचन्द्रापुरम, हैदराबाद - 502032 (भारत)

BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad - 502032 (INDIA)

మానవ వనరుల వికాస కేంద్రము / मानव संसाधन विकास केंद्र

Human Resource Development Centre



बीएचईएल पंजीयन संख्या / BHEL Reg. No. 18ENG62061

दिनांक / Date: 05/06/18

प्रोजेक्ट कार्य प्रशिक्षण प्रमाण पत्र
PROJECT WORK TRAINING CERTIFICATE

प्रमाणित किया जाता है कि श्री/सुश्री/श्रीमती / This is to certify that Mr./Mrs./Mts. KAKI VEERENDRA

अनुक्रमांक / Roll No. 159Y1A0233 ने / of KSRM COLLEGE

OF ENGINEERING, KADAPA महाविद्यालय / विश्वविद्यालय / college / university से अध्ययन करते हुए / pursuing

B.TECH ~ EEE पाठ्यक्रम में / Course प्रोजेक्ट कार्य प्रशिक्षण / has satisfactorily completed the

Project work training from दिनांक / Dt. 22/05/2018 से / to दिनांक / Dt. 05/06/2018 तक

सफलतापूर्वक पूर्ण किए हैं। प्रोजेक्ट कार्य का शीर्षक/The title of the project is "MANUFACTURING OF ALTERNATORS"

प्रोजेक्ट प्रशिक्षण प्रभारी
Project Training In-Charge
K. S. REDDY
Addl. Engineer in Charge
BHEL, HYD-32

पंजीकृत कार्यालय - "बीएचईएल हाउस", सिरी फोर्ट, नई दिल्ली - 110 049

Regd. Office: "BHEL House", Siri Fort, New Delhi - 110 049

Website: www.bhel.com



భారత్ హెవీ ఎలెక్ట్రికల్స్ లిమిటెడ్

హెవీ పవర్ ఎక్విప్మెంట్ ప్లాంట్, రామచంద్రాపురం, హైదరాబాద్ - 502032 (భారత్)

भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पावर इक्विपमेंट प्लांट, रामचन्द्रापुरम, हैदराबाद - 502032 (भारत)



BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad - 502032 (INDIA)

మానవ వనరుల వికాస కేంద్రము / मानव संसाधन विकास केंद्र
Human Resource Development Centre

बीएचईएल पंजीयन संख्या / BHEL Reg. No. 18 EN 66 2061

दिनांक / Date: 05/06/18

प्रोजेक्ट कार्य प्रशिक्षण प्रमाण पत्र
PROJECT WORK TRAINING CERTIFICATE

प्रमाणित किया जाता है कि श्री/सुश्री/श्रीमती / This is to certify that Mr./Ms./Mrs. PANCHANGAM
NRSHANTH अनुक्रमांक / Roll No. 159Y1A0272 ने / of KSRM COLLEGE
OF ENGINEERING महाविद्यालय / विश्वविद्यालय / college / university से अध्ययन करते हुए / pursuing
B.TECH - EEE पाठ्यक्रम में / Course प्रोजेक्ट कार्य प्रशिक्षण / has satisfactorily completed the
Project work training from दिनांक / Dt. 22/05/2018 से / to दिनांक / Dt. 05/06/2018 तक
सफलतापूर्वक पूर्ण किए हैं। प्रोजेक्ट कार्य का शीर्षक/The title of the project is MANUFACTURING
OF ALTERNATORS

[Signature]
प्रोजेक्ट प्रशिक्षण प्रभारी
Project Training In-Charge

पंजीकृत कार्यालय - "बीएचईएल हाउस", सिरी फोर्ट, नई दिल्ली - 110 049
Regd. Office: "BHEL House", Siri Fort, New Delhi - 110 049
Website: www.bhel.com

[Signature]
Addl. Engineer/HPC/WIS
BHEL HYD-32



భారత్ హెవీ ఎలెక్ట్రికల్స్ లిమిటెడ్

హెవీ పవర్ ఎక్విప్మెంట్ ప్లాంట్, రామచంద్రాపురం, హైదరాబాద్ - 502032 (భారత్)

भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पावर इक्विपमेंट प्लांट, रामचन्द्रापुरम, हैदराबाद - 502032 (भारत)

BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad - 502032 (INDIA)



మానవ వనరుల వికాస కేంద్రము / मानव संसाधन विकास केंद्र
Human Resource Development Centre

बीएचईएल पंजीयन संख्या / BHEL Reg. No. 18ENG62061

दिनांक / Date: 05/06/18

प्रोजेक्ट कार्य प्रशिक्षण प्रमाण पत्र
PROJECT WORK TRAINING CERTIFICATE

प्रमाणित किया जाता है कि श्री/सुश्री/श्रीमती / This is to certify that Mr./Ms./Mrs. SHAIK NOOR MOHAMMAD

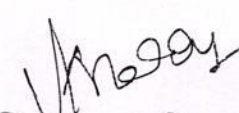
SADIQ अनुक्रमांक / Roll No. 159YIA0287 ने / of KSRM COLLEGE OF

ENGINEERING, KADAPA महाविद्यालय / विश्वविद्यालय / college / university से अध्ययन करते हुए / pursuing

B.TECH ~ EEE पाठ्यक्रम में / Course प्रोजेक्ट कार्य प्रशिक्षण / has satisfactorily completed the

Project work training from दिनांक / Dt. 22/05/2018 से / to दिनांक / Dt. 05/06/2018 तक

सफलतापूर्वक पूर्ण किए हैं। प्रोजेक्ट कार्य का शीर्षक/The title of the project is "MANUFACTURING OF
ALTERNATORS"


प्रोजेक्ट प्रशिक्षण प्रभारी
Project Training In-Charge

पंजीकृत कार्यालय - "बीएचईएल हाउस", सिरी फोर्ट, नई दिल्ली - 110 049

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Website: www.bhel.com

A. KRISHNA REDDY
Addl. Engineer/HRDC W/o
B.H.E.L., HYD-32.



భారత్ హెవీ ఎలెక్ట్రికల్స్ లిమిటెడ్
హెవీ పవర్ ఎక్విప్మెంట్ ప్లాంట్, రామచంద్రాపురం, హైదరాబాద్ - 502032 (భారత్)



భారత్ హెవీ ఇలెక్ట్రికల్స్ లిమిటెడ్
హెవీ పావర్ ఇక్విప్మెంట్ ప్లాంట్, రామచంద్రాపురం, హైదరాబాద్ - 502032 (భారత్)

BHARAT HEAVY ELECTRICALS LIMITED
Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad - 502032 (INDIA)

మానవ వనరుల వికాస కేంద్రము / मानव संसाधन विकास केंद्र
Human Resource Development Centre

బీఎచ్ఈఎల్ పంజీయన్ సంఖ్య / BHEL Reg. No. 18ENGG2061

దినాంక / Date: 05/06/2018

प्रोजेक्ट कार्य प्रशिक्षण प्रमाण पत्र
PROJECT WORK TRAINING CERTIFICATE

प्रमाणित किया जाता है कि श्री/सुश्री/श्रीमती / This is to certify that Mr./Ms./Mrs. VARIKUNTA

SAI KRISHNA अनुक्रमांक / Roll No. 159YIA0296 ने / of KSRM COLLEGE OF
ENGINEERING महाविद्यालय / विश्वविद्यालय / college / university से अध्ययन करते हुए / pursuing
B.TECH ~ EEE पाठ्यक्रम में / Course प्रोजेक्ट कार्य प्रशिक्षण / has satisfactorily completed the

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सफलतापूर्वक पूर्ण किए हैं। प्रोजेक्ट कार्य का शीर्षक/The title of the project is "MANUFACTURING OF
ALTERNATORS"

प्रोजेक्ट प्रशिक्षण प्रभारी
Project Training In-Charge

पंजीकृत कार्यालय - "बीएचईएल हाउस", सिरि फोर्ट, नई दिल्ली - 110 049

Regd. Office: "BHEL House", Siri Fort, New Delhi - 110 049

Website: www.bhel.com

SAIKRISHNA REDDY
18/06/2018



**ANDHRA PRADESH POWER GENERATION
CORPORATION LIMITED
RAYALASEEMA THERMAL POWER PROJECT
V.V.REDDY NAGAR,KADAPA(DIST.)**

CERTIFICATE

This is to certify that Ms. L.MADHULIKA (159Y1A0247) studying B.Tech in Electrical and Electronics Engineering, KSRM COLLEGE OF ENGINEERING, KADAPA, has undergone internship training on familiarization of RTPP in bonified work carried out by them under the guidance and supervision of **Sr. A.RAMA KRISHNA REDDY, Assistant Divisional Engineer, I&C, Stage-I, RTPP** during the period of 01-06-2018 to 15-06-2018. During the course we found her conduct and character were satisfactory.

Name & address of the guide

**Mr A.RAMA KRISHNA REDDY
INSTRUMENTATION&CONTROL
Asst.divisional Engineer
RTPP,STAGE-I
V.V.REDDY NAGAR-516312
KADAPA(DIST.),A.P**

Signature of the guide
(With stamp)

**ASSISTANT DIVISIONAL ENGINEER,
I & C SUB-DIVISION-III
RTPP., V.V. REDDY NAGAR-516 312**



**ANDHRA PRADESH POWER GENERATION
CORPORATION LIMITED
RAYALASEEMA THERMAL POWER PROJECT
V.V.REDDY NAGAR,KADAPA(DIST.)**

CERTIFICATE

This is to certify that Ms. A.TEJASWINI (159Y1A0202) studying B.Tech in Electrical and Electronics Engineering, KSRM COLLEGE OF ENGINEERING, KADAPA, has undergone internship training on familiarization of RTPP in bonified work carried out by them under the guidance and supervision of **Sir A.RAMA KRISHNA REDDY, Assistant Divisional Engineer, I&C, Stage-I, RTPP** during the period of 01-06-2018 to 15-06-2018. During the course we found her conduct and character were satisfactory.

Name & address of the guide

**Mr A.RAMA KRISHNA REDDY
INSTRUMENTATION&CONTROL
Asst.divisional Engineer
RTPP,STAGE-I
V.V.REDDY NAGAR-516312
KADAPA(DIST.),A.P**

Signature of the guide
(With stamp)

**ASSISTANT DIVISIONAL ENGINEER,
I & C SUB-DIVISION-III
RTPP., V.V. REDDY NAGAR-516 312**



**ANDHRA PRADESH POWER GENERATION
CORPORATION LIMITED
RAYALASEEMA THERMAL POWER PROJECT
V.V.REDDY NAGAR,KADAPA(DIST.)**

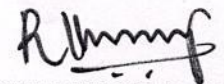
CERTIFICATE

This is to certify that Ms. D.VARA LAKSHMI (159Y1A0224) studying B.Tech in Electrical and Electronics Engineering, KSVM COLLEGE OF ENGINEERING, KADAPA, has undergone internship training on familiarization of RTPP in bonified work carried out by them under the guidance and supervision of Sir. **A.RAMA KRISHNA REDDY, Assistant Divisional Engineer, I&C, Stage-I, RTPP** during the period of 01-06-2018 to 15-06-2018. During the course we found her conduct and character were satisfactory.

Name & address of the guide

**Mr A.RAMA KRISHNA REDDY
INSTRUMENTATION&CONTROL
Asst.divisional Engineer
RTPP,STAGE-I
V.V.REDDY NAGAR-516312
KADAPA(DIST.),A.P**

Signature of the guide
(With stamp)


**ASSISTANT DIVISIONAL ENGINEER,
I & C SUB-DIVISION-III
RTPP., V.V. REDDY NAGAR-516 312**



భారత్ హెవీ ఎలెక్ట్రికల్స్ లిమిటెడ్

హెవీ పవర్ ఎక్విప్మెంట్ ప్లాంట్, రామచంద్రాపురం, హైదరాబాద్ - 502032 (భారత్)

भारत हेवी इलेक्ट्रिकल्स लिमिटेड

हेवी पावर इक्विपमेंट प्लांट, रामचन्द्रापुरम, हैदराबाद - 502032 (भारत)



BHARAT HEAVY ELECTRICALS LIMITED

Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad - 502032 (INDIA)

మానవ వనరుల వికాస కేంద్రము / मानव संसाधन विकास केंद्र
Human Resource Development Centre

बीएचईएल पंजीयन संख्या / BHEL Reg. No. 18ENG66EEE

दिनांक / Date: 29-5-2018

प्रोजेक्ट कार्य प्रशिक्षण प्रमाण पत्र
PROJECT WORK TRAINING CERTIFICATE

प्रमाणित किया जाता है कि श्री/सुश्री/श्रीमती / This is to certify that Mr./Ms./Mrs. M. SIVANI

अनुक्रमांक / Roll No. 159Y1A0068 ने / of KSRM COLLEGE OF

ENGINEERING महाविद्यालय / विश्वविद्यालय / college / university से अध्ययन करते हुए / pursuing

III - B.Tech - EEE पाठ्यक्रम में / Course प्रोजेक्ट कार्य प्रशिक्षण / has satisfactorily completed the

Project work training from दिनांक / Dt. 14-05-2018 से / to दिनांक / Dt. 29-05-2018 तक

उल्लेखपूर्वक पूर्ण किए हैं। प्रोजेक्ट कार्य का शीर्षक/The title of the project is Manufacturing of
Turbo Generator.

A. KUSHNIA REDDY
Addl. Engineer/HRDC W/S

प्रोजेक्ट प्रशिक्षण प्रभारी

Project Training In-Charge

पंजीकृत कार्यालय - "बीएचईएल हाउस", सिरि फोर्ट, नई दिल्ली - 110 049

Regd. Office: "BHEL House", Siri Fort, New Delhi - 110 049

Website: www.bhel.com

**RAYALASEEMA THERMAL POWER PROJECT
(RTPP) V V REDDY NAGAR KADAPA -516312.**

CERTIFICATE

This to certify that **Mr. VARIKUNTA SAIKRISHNA**, studying B.Tech-EEE at KSRM college of Engineering, Kadapa has undergone his Mini Project Work on "**Feeder Protection**" at Rayalaseema Thermal Power Project (RTPP), a coal based power plant of APGENCO from **13-06-2018 to 27-06-2018**. Vide Lr.No.CE/O&M/RTPP/GM(HR)/PO-B/JAO/B6/F.15/D.No.2314 /18, Dt.15.06.2018 of the Chief Engineer / O & M, RTPP, VV Reddy Nagar, 516312 Kadapa Dist., A.P.

During this period I found him to be very co-operative, sincere and hard working.

I wish to him a good luck for all his future assignments.

V. Pavan Kumar Reddy 27/06/2018
V.PAVAN KUMAR REDDY,

(MINI PROJECT GUIDE),

ASSISTANT DIVISIONAL ENGINEER (ADE),

EM-IV, STAGE-1, RTPP.
ASST. DIVISIONAL ENGINEER
EM-IV, SUB-DN / R.T.P.P.
AP GENCO / V.V. REDDY NAGAR.

**RAYALASEEMA THERMAL POWER PROJECT
(RTPP) V V REDDY NAGAR KADAPA -516312.**

CERTIFICATE

This to certify that **Mr. KAKI VEERENDRA** , studying B.Tech-EEE at KSRM college of Engineering,Kadapa has undergone his Mini Project Work on "**Feeder Protection**" at Rayalaseema Thermal Power Project (RTPP) , a coal based power plant of APGENCO from **13-06-2018 to 27-06-2018**.VideLr.No.CE/O&M/RTPP/GM(HR)/PO-B/JAO/B6/F.15/D.No.2314 /18, Dt.15.06.2018 of the Chief Engineer / O & M ,RTPP ,VV Reddy Nagar ,516312 Kadapa Dist.,A.P.

During this period I found him to be very co-operative, sincere and hard working.

I wish to him a good luck for all his future assignments.

V. Pavan Kumar Reddy 27/06/2018.
V.PAVAN KUMAR REDDY,

(MINI PROJECT GUIDE),

ASSISTANT DIVISIONAL ENGINEER (ADE),

EM-IV, STAGE-1, RTPP.

ASST. DIVISIONAL ENGINEER

EM-IV, SUB-DN / R.T.P.P.

AP GENCO / V.V. REDDY NAGAR.

**RAYALASEEMA THERMAL POWER PROJECT
(RTPP) V V REDDY NAGAR KADAPA -516312.**

CERTIFICATE

This to certify that Mr. **VENNAPUSA DIVAKAR REDDY** , studying B.Tech-EEE at KSRM college of Engineering,Kadapa has undergone his Mini Project Work on "**Feeder Protection**" at Rayalaseema Thermal Power Project (RTPP) , a coal based power plant of APGENCO from **13-06-2018 to 27-06-2018**. Vide Lr.No.CE/O&M/RTPP/GM(HR)/PO-B/JAO/B6/F.15/D.No.2314 /18, Dt.15.06.2018 of the Chief Engineer / O & M ,RTPP ,VV Reddy Nagar ,516312 Kadapa Dist.,A.P.

During this period I found him to be very co-operative, sincere and hard working.

I wish to him a good luck for all his future assignments.

V. Pavan Kumar Reddy 27/06/2018.
V.PAVAN KUMAR REDDY,

(MINI PROJECT GUIDE),

ASSISTANT DIVISIONAL ENGINEER (ADE),

EM-IV, STAGE-1, RTPP.
ASST. DIVISIONAL ENGINEER
EM-IV, SUB-DN / R.T.P.P.
AP GENCO / V.V. REDDY NAGAR.



**ANDHRAPRADESH POWER GENERATION
CORPORATION LIMITED
RAYALASEEMA THERMAL POWER PROJECT
V.V.REDDY NAGAR, KADAPA(DIST.)**

CERTIFICATE

This is to certify that Ms. N.MEGHANA (159Y1A0267) studying B.Tech in Electrical and Electronics Engineering KSRM COLLEGE OF ENGINEERING (AUTONOMOUS) KADAPA has undergone INTERNSHIP on "Programme on Overall Process of Thermal Power Plant of RTPP", under the guidance of Sri V.PAVAN KUMAR REDDY , ADE, EM-IV, STAGE-I/RTPP, for the period 18 days from **22-05-2018 to 08-06-2018**. During this period we found her conduct and character were satisfactory.

V. Pavan Kumar Reddy
V.PAVAN KUMAR REDDY
Asst. Divisional Engineer
EM-IV, STAGE-I, RTPP
V.V.REDDY NAGAR

ASST. DIVISIONAL ENGINEER
EM-IV, SUB-DN / R.T.P.P.
AP GENCO / V.V. REDDY NAGAR.

18th Mar, 2019

TO WHOM SO EVER IT MAY CONCERN

This is to certify that the following students from KSRM college of Engineering, Kadapa has successfully completed their project work titled "Study and Manufacturing of 3-ø Distribution Transformer" in Shirdi Sai Electricals Limited (Transformers Manufacturing Works), Kadapa during the period of 23-01-2019 to 27-02-2019.

PROJECT ASSOCIATES

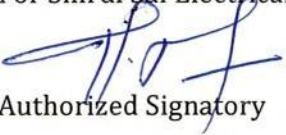
ROLL NUMBER

- | | |
|------------------------------|--------------|
| 1. A Rama Prasanna Gangadhar | - 159Y1A0204 |
| 2. D Sai Tejaswini | - 159Y1A0223 |
| 3. D Vara Lakshmi | - 159Y1A0224 |
| 4. K Tirumalesh | - 159Y1A0242 |
| 5. K Kechari Priya | - 159Y1A0245 |

During the Internship Period, their conduct was found Satisfactory. This certificate has been issued towards partial fulfillment of their academic degree.

We take this opportunity to wish them all the best for future endeavors.

For Shirdi Sai Electricals Limited.,


Authorized Signatory





SMEC
SMEC AUTOMATION
An ISO 9001 : 2008 company
CIN No: U45309KL2001PTC014516

SMEC Automation Pvt.Ltd
2nd Floor
Kaloor Bus Stand Complex
Ernakulam, Kerala,
India - 682 017

Tel : +91 484 2340904
Tel: +91 484 2336441
Fax: +91 484 2340906
Email : mail@smec.in
www.smec.in

From,

SMEC Automation Pvt Ltd,
1318-1st floor, Marenahalli
Land MARK: Next to Hotel Pai Comfort/
Saphite honda Marenhalli Bus Stop

Date: 30-05-2019

To,

Head of the Department of EEE

This is to certify that **Mr.G Chandrayudu, Mr. M Madhu Sai Teja, Mr.Yeturu Rajanna, Mr.Kataru Veerendra Kumar, Mr.Beri Sunith Kumar**, has completed their Internship Successfully at SMEC Automation Pvt.Ltd from 16th May 2019 to 30th May 2019. During this period, they have been exposed to various automation tools like PLC, SCADA, PAC & Interfacing.

Their conduct and discipline through the period was very good.

I wish them every success in their life and career.

For SMEC Automation Pvt. Ltd.

Authorised Signatory



Thank you

K.S.R.M. College of Engineering

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to J.N.T. University, Ananthapuram)

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

KADAPA – 516 003 A.P.

2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "IOT BASED SMART STREET LIGHT SYSTEM" is bonafied work carried out by

B.Vamsavardhan Reddy (159Y1A0207)

C.V. Chaitanya Yadav (159Y1A0215)


D. Bharathi (159Y1A0220)

K. Narayana Reddy (159Y1A0240)

L. Madhulika Reddy (159Y1A0247)


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:


M. Bhaskar Reddy,
Associate Professor,
Department of E.E.E.,
K.S.R.M.C.E., Kadapa.


Internal Examiner

Head of the Department:


Dr. K. Amaresh,
Professor & 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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KADAPA – 516 003 A.P.

2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



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This is to certify that the project report entitled "IOT BASED SMART STREET LIGHT SYSTEM" is bonafied work carried out by

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C.V. Chaitanya Yadav (159Y1A0215)


D. Bharathi (159Y1A0220)

K. Narayana Reddy (159Y1A0240)

L. Madhulika Reddy (159Y1A0247)


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:


M. Bhaskar Reddy,
Associate Professor,
Department of E.E.E.,
K.S.R.M.C.E., Kadapa.


Internal Examiner

Head of the Department:


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


External Examiner

K.S.R.M. College of Engineering

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to J.N.T. University, Ananthapuramu)

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

KADAPA – 516 003 (A.P.)

2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled “TRANSFORMER HELATH MONITORING SYSTEM USING IOT” is bonafied work carried out by

S. KAVYASREE(159Y1A0282)

B.SIVA REDDY(169Y5A0205)

M.L.KRISHNAVENI(169Y5A0213)

P.AKHILESHWARA REDDY(169Y5A0216)

T.RAJA GOPAL(169Y5A0228)

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

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

Head of the Department

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

Date

Internal Examiner

External Examiner

K.S.R.M. College of Engineering

(AUTONOMOUS)

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

KADAPA – 516 003 (A.P.)

2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING




CERTIFICATE

This is to certify that the project report entitled “IOT BASED SMART ENERGY METER” is bonafied work carried out by

PALEM SIVA SANKARA VARA PRASAD	(159Y1A0269)
THURAKA SIVA PRASAD	(159Y1A0294)
YERRABALLI VIJAYABHASKAR	(159Y1A02A2)
BANAGANI SOMASEKHAR	(169Y5A0202)
DEVA RAKESH	(169Y5A0207)

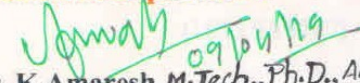
Department of Electrical & Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T. University in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical & Electronics Engineering.

Project Guide:


Sri.M.Bhaskara Reddy, M.Tech, (Ph.D), MIE, MISTE
Associate Professor
Department of E.E.E.,
K.S.R.M.C.E., Kadapa.


Internal Examiner

Head of the Department:


Dr. K. Amaresh, M.Tech., Ph.D., AMIE, MISTE, MIEEE
Professor & HOD,
Department of E.E.E.,
K.S.R.M.C.E., Kadapa.


External Examiner

K.S.R.M. College of Engineering

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to J.N.T. University, Ananthapuramu)

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

KADAPA – 516 003 (A.P.)

2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

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

A.SUJITH KUMAR (149Y1A0208)

B.RAKESH REDDY (159Y1A0211)

K.VEERENDRA (159Y1A0233)

M.VYSHNAVI (159Y1A0251)

M.V.SUNANDA (159Y1A0254)

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:

Sri. K.RAMAMOCHAN REDDY,
Associate professor,
Department of E.E.E.,
K.S.R.M.C.E., Kadapa.

Head of the Department

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

Internal Examiner

External Examiner

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

(Approved by AICTE, New Delhi & Affiliated to J.N.T. University, Ananthapuramu)

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

KADAPA – 516 003 (A.P.)

2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled “IOT BASED SMART IRRIGATION SYSTEM” is bonafied work carried out by

T.NARASIMHA(159Y1A0295)

A.SAI CHAND(169Y5A0201)

B.NIKHIL BABU(169Y5A0206)

G.PAVAN KUMAR REDDY(169Y5A0208)

T.MASTAN VALLI(169Y5A0227)

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:

S.Khadar
S.Khadar-vali M.Tech.,(Ph D),
Assistant professor,
Department of E.E.E.,
K.S.R.M.C.E., Kadapa.

Abmaly 06/04/19
Internal Examiner

Head of the Department:

Abmaly 16/04/19
Dr. K.Amaresh,
Professor & HOD,
Department of E.E.E.,
K.S.R.M.C.E., Kadapa.

n.v.v
External Examiner

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

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

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

KADAPA – 516003(A.P.)

2018 – 2019.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "A Comparative Analysis of PI and Fuzzy Controllers for a 3-Phase Induction Motor using Scalar Control Scheme" submitted by P. YUGANDHAR (159Y1A0275), S. NOOR MOHAMMED SADIQ (159Y1A0287), V. SAIKRISHNA (Roll No. 159Y1A0296), V.SREENATH (159Y1A0297), M. KAVITHA (169Y5A0211), Department of Electrical and Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to JNTUA in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering during the year 2018-2019.

Project Guide:

C.N. ARPITHA

Smt.C.N. ARPITHA,
Associate Professor,
EEE Dept.,
K.S.R.M.C.E., KADAPA.

Date:

09/05/19

Internal Examiner

Head of the Department:

Dr.K. AMARESH

Dr.K. AMARESH,
Professor,
EEE Dept.,
K.S.R.M.C.E., KADAPA.

09/05/19

External Examiner

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

(Approved by AICTE, New Delhi & Affiliated to J.N.T. University, Ananthapuramu)

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

KADAPA - 516 003 (A.P.)

2018-2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "MONITORING AND CONTROL OF STREET LIGHTS USING NODE MCU" is bonafide work carried out by

Y.TARUN KUMAR REDDY(159Y1A02A1)

ZANAND REDDY(159Y1A02A3)

B.SIVA SREEKANTH(169Y5A0204)

S.MABASHA(169Y5A0223)

T.VENKATA SUBHASH(169Y5A0224)

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, MISTE.
Assistant Professor, EEE Dept.
Department of E.E.E.,
K.S.R.M.C.E., Kadapa.

Internal Examiner

Head of the Department:

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

External Examiner

K.S.R.M. College of Engineering

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to J.N.T. University, Anantapuramu)

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

KADAPA - 516 003 (A.P.)

2018-2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "Digital Energy Meter With Over-Load Indicator And Power Theft Control" is bonafied work carried out by

Y.RAVI KISHORE (159Y1A02A0)

M.SIVA (169Y5A0212)

M.MANASA (169Y5A0214)

S.SATISH(169Y5A0222)

V.PRASANTH (169Y5A0229)

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:

P. Durga Prasad, 09/06/19
P.Durga Prasad,
M.Tech., MISTE,
Department of E.E.E.,
K.S.R.M.C.E., Kadapa.

Internal Examiner
Internal Examiner

Head of the Department

Dr. K. Amaresh, 09/06/19
Dr. K.Amaresh,
Professor & HOD,
Department of E.E.E.,
K.S.R.M.C.E., Kadapa.

External Examiner
External Examiner

K.S.R.M. College of Engineering

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to J.N.T.University, Ananthapuramu)

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

KADAPA – 516 003 (A.P.)

2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "SMART HELMET USING GSM AND GPS" is bonafied work carried out by P.NARENDRA REDDY (159Y1A0273), S.DARBAR BASHA (159Y1A0284), B.SIVA SAI PRASAD (169Y5A0203), P.CHENNA KESAVA (169Y5A0215) and P.VENKATA KALYAN KUMAR REDDY(159Y1A0218) 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

T.KISHORE KUMAR, M.Tech.

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

Internal Examiner

Head of the Department

Dr. K. AMARESH, M.Tech., Ph.D.,

AMIE, MISTE, MIEEE

Professor & 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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KADAPA – 516 003 (A.P.)

2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "SPEECH RECOGNITION AND GESTURE CONTROLLED WHEEL CHAIR" is bonafied work carried out by

C. NAGARJUNA(159Y1A0213)

J. PRADEEP(159Y1A0229)

K.ARUN KUMAR REDDY(159Y1A0235)

M.PAVAN KUMAR(159Y1A0253)

M.ASHOK KUMAR(159Y1A0257)

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:

**SRI T.KISHORE KUMAR,
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Internal Examiner

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External Examiner

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

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled “INTELLIGENT TRAFFIC LIGHTS CONTROL USING PLC” is bonafied work carried out by

A. PRADEEP RAJ (159Y1A0201)

D.AMRUTHA SYAMALA (159Y1A0217)

D. JAYANTH REDDY (159Y1A0218)

G. BINDHU MADHAVI (159Y1A0228)

K. SRAVANTHI (159Y1A0237)

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:

P. Durga Prasad
SRI P. DURGA PRASAD,
M.TECH, MISTE
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Head of the Department:

Dr. K. Amaresh
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

*This is to certify that the project report entitled “MULTI PURPOSE AGRICULTURE
USE SOLAR POWER SPRAYER” is bonafied work carried out by*

P. GOPI SUDHARSHAN (159Y1A0277)

R. PRANAY KUMAR (159Y1A0280)

K. YUVA RAJU (169Y5A0210)

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Project Guide:

M. Lakshmi Narayana 9/6/2019
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Head of the Department:

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External Examiner

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

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "BATTERY CHARGING OF ELECTRIC CAR BY USING DC GENERATOR" is bonafied work carried out by

P.NISHANTH (159Y1A0272)

P.VENKATA SWETHA (159Y1A0274)

S.MUZAMMIL (159Y1A0286)

J.VINAY BABU (169Y5A0209)

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Head of the Department:

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2018- 2019

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CERTIFICATE

This is to certify that the project report entitled "AUTOMATIC SOLAR PV PANEL CLEANING MECHANISM" is bonafied work carried out by

N. SIVANI(159Y1A0268)

P. MAHESWARA REDDY(159Y1A0271)

S. MALLIKHARJUREDDY(159Y1A0290)

P. UPENDRA REDDY(169Y5A0217)

P. SUREKHA(169Y5A0219)

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T. Mari Prasath
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2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "IoT BASED SMART PARKING SYSTEM" is bonafied work carried out by

G. Karimulla (159Y1A0226)

M. Pavan Kalyan Reddy (159Y1A0259)

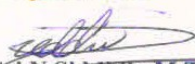
K. Anjaneyulu (159Y1A0239)

D. Sai Rachana (159Y1A0216)

M. Murali Krishna (159Y1A0256)

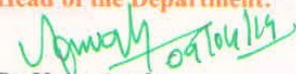
Department of Electrical & Electronics Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T. University in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical & Electronics Engineering.

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2018- 2019

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CERTIFICATE

This is to certify that the project report entitled "EARLY FLOOD DETECTION USING ARDUINO" is bonafied work carried out by C.SREE HARSHA(159Y1A0214), K.LAKSHMI JAHNAVI(159Y1A0232), L.HARIKA(159Y1A0248), M.VISHNU VARDHAN YADAV(159Y1A0263) 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:

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2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled “ALCOHOL DETECTOR WITH AUTOMATIC VEHICLE CONTROLLING SYSTEM AND ACCIDENT NOTIFICATION” is bonafied work carried out by R. AKHIL KUMAR REDDY (159Y1A0279), S. ROHITH KUMAR (159Y1A0288), T.MARUTHI PRASAD (159Y1A0292), T. KRISHNAVENI (159Y1A0293) and V. DIVAKAR REDDY (159Y1A0298) 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.

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G. HUSSAIN BASHA, M.Tech., AMIE
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External Examiner

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CERTIFICATE

This is to certify that the project report entitled "AUTOMATIC WATER PUMPING BY DETECTION WATER PRESSURE USING ARDUINO" is bonafied work carried out by

J.V Subba Reddy (159Y1A0231)

K.Rushikesh Reddy (159Y1A0238)

M. Karthik Kumar Reddy (159Y1A0255)

M. Girish Sai (159Y1A0261)

M. Hari Krishna (159Y1A0262)

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:

Saleha Tabbusam
3/4/19

Smt. Saleha Tabbusam, M.Tech, MISTE,
Assistant professor,
Department of E.E.E.,
K.S.R.M.C.E., Kadapa.

Saleha Tabbusam
02/04/19
Internal Examiner

Head of the Department:

K. Amaresh
03/04/19
Dr. K. Amaresh,
Professor & HOD,
Department of E.E.E.,
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K. Amaresh
03/04/19
External Examiner

K.S.R.M. College of Engineering

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2018-2019

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CERTIFICATE

This is to certify that the project report entitled "HOME AUTOMATION USING GOOGLE ASSISTANT" is bonafied work carried out by

A.TEJASWINI(159Y1A0202)

A.SUBBA REDDY(159Y1A0203)

D.DASTHAGIRI(159Y1A0221)

N.SAI KIRAN(159Y1A0258)

N.MEGHANA(159Y1A0267)

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:

K. Kalyan Kumar

K.KALYAN KUMAR M.Tech, AMIE,

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2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "SOLAR POWERED LAWN MOWER" is bonafied work carried out by

P.VASAVI(159Y1A0276)

R.VINEETHA(159Y1A0278)

S.SANTHOSH(159Y1A0283)

S.SIREESHA(159Y1A0289)

T.GIRIDHAR(169Y5A0225)

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Project Guide:

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K.RAMAMOCHANREDDY,
Associate professor,
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Internal Examiner

Head of the Department:

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External Examiner

K.S.R.M. College of Engineering

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2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled “STUDY & MANUFACTURING OF THREE-PHASE DISTRIBUTION TRANSFORMERS” is bonafied work carried out by

A .Rama Prasanna Gangadhar (159Y1A0204)

D. Sai Tejaswini (159Y1A0223)

D.Vara Lakshmi (159Y1A0224)

K.Tirumalesh (159Y1A0242)

K. Kechari Priya (159Y1A0245)

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:

C.N. Arpitha
Smt C.N. Arpitha,
Associate Professor,
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Arpitha 02/07/19
Internal Examiner

Head of the Department:

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Dr. K. Amareesh,
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2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "PLC BASED CONTROL AND MONITOR OF HOME APPLIANCES VIA SMARTPHONE" is bonafied work carried out by

B.RAMESH BABU (159Y1A0208)

C.UDAY KUMAR (159Y1A0212)

K.SAI KRISHNA (159Y1A0243)

M.SATISH KUMAR REDDY (159Y1A0260)

N.VENKATA VINITH (159Y1A0266)

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:

[Signature]
Dr.K.Amares, h,
Professor & HOD,
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[Signature]
Internal Examiner

Head of the Department:

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

[Signature]
External Examiner

K.S.R.M. College of Engineering

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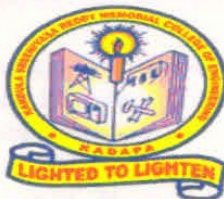
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KADAPA – 516 003 (A.P.)

2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "SPEED CONTROL OF SINGLE PHASE INDUCTION MOTOR THROUGH IOT" is bonafied work carried out by

P.GAYATHRI(159Y1A0270)

S.MOHAMMED AFZAL(159Y1A0285)

T.SURESH(159Y1A0291)

Y.BHARGAVI LAKSHMI(159Y1A0299)

Y.SUJITHA(169Y5A0230)

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Project Guide:

[Signature]
Sri A. Ramaswamy Reddy,
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[Signature]
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Head of the Department:

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Dr. K.Amaresh,
Professor & HOD,
Department of E.E.E.,
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[Signature]
External Examiner

K.S.R.M. College of Engineering

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CERTIFICATE

This is to certify that the project report entitled "CONDITION & MONITORING OF ELECTRICAL MACHINERY USING IOT" is bonafied work carried out by

B. Surendra Babu (159Y1A0209)

B. Sravani (159Y1A0210)

G. Pavan Kumar Reddy (159Y1A0225)

G. Manoj Kumar Reddy (159Y1A0227)

K. Uday Kumar Reddy (159Y1A0236)

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T. Mariprasath
Project Guide

Dr. T. Mariprasath
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Internal Examiner
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External Examiner
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K.S.R.M. College of Engineering

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2018-2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "SELF REPLICATING ROBOTIC SYSTEM USING ARDUINO" is bonafied work carried out by

B.ANAND KUMAR(159Y1A0206)

D.MANASA(159Y1A0222)

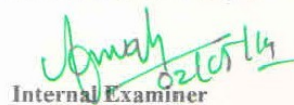
K.VENKATESH(159Y1A0246)

M.V.SIVANANDA REDDY(159Y1A0250)

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Project Guide

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2018- 2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project report entitled "Monitoring of Patients in ICU by using Arduino" is bonafied work carried out by

A.Jaya Anand (159Y1A0205)

M.Harish Chnadra(159Y1A0249)

K.Pranay(159Y1A0244)

M.Yuvraj(159Y1A0252)

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