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A Power Quality Improved Bridgeless Converter Based Computer Power Supply
List of EEE PROJECTS: 2017-2018

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A Project Report on

MICRO PHASOR MEASUREMENT UNIT

Submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

in

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By

K. TRIVEN (153B1A0211)
K. SAI KRISHNA (163B5A0210)
V. G. SUDHAMANI (163B5A0229)
J. SHESHAGIRI (163B5A0208)
A. PRASAD RAO (163B5A0201)

Under the Esteemed guidance of

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Assistant Professor

Department of Electrical and Electronics Engineering

VSM College of Engineering

(Approved by AICTE, Accredited By NAAC, New Delhi and Affiliated to
Jawaharlal Nehru Technological University, Kakinada)

Ramachandrapuram-533255, East Godavari District, A.P., INDIA.

2015-2019
CERTIFICATE

This is to certify that the project report entitled “MICRO PHASOR MEASUREMENT UNIT” being submitted by K. TRIVEN (153B1A0211), K. SAI KRISHNA (163B5A0210), V. G. SUDHAMANI (163B5A0229), J. SHESHAGIRI (163B5A0208), A. PRASAD RAO (163B5A0201) in partial fulfillment for the Award of Degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

Project Guide

Mrs. P. SRIDEVI M.Tech.
Department of EEE

Head of the Department

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EXTERNAL EXAMINER
A Project Report on

ECONOMIC THREE PHASE DRIVE SYSTEM USING TWO BRIDGE RECTIFIERS & INVERTER

Submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

in

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

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K.NAGALAKSHMI 163B5A0209
K.L.N. RAJU 163B5A0211
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2015-2019
CERTIFICATE

This is to certify that the project report entitled “ECONOMIC THREE PHASE DRIVE SYSTEM USING TWO BRIDGE RECTIFIERS AND AN INVERTES” being submitted by M.PRASANTH (163B5A0220), K.NAGALAKSHMI (163B5A0209), K.L.N.RAJU (163B5A0211), M.ANJANEYULU (163B5A0217), P.JAYA LAKSHMI (153B1A0225) in partial fulfillment for the Award of Degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

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RAMACHANDRAPURAM

EXTERNAL EXAMINER
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POWER GRID SYNCHRONIZATION FAILURE DETECTION

Submitted in partial fulfillment of the requirements for the award of the degree of

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in

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By

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CH.SURESH (163B5A0231)

Under the Esteemed guidance of

Mr. K. SURESH KUMAR, M.Tech.,
Assistant Professor

Department of Electrical and Electronics Engineering

VSM College of Engineering

(Approved by AICTE, Accredited By NAAC, New Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)

Ramachandrapuram-533255, East Godavari District, A.P., INDIA

2015-2019
CERTIFICATE

This is to certify that the project report entitled "POWER GRID SYNCHRONIZATION FAILURE DETECTION" being submitted by P.PAVANI (153B1A0223), T.S.S.S.BHASKAR (163B5A0226), A.VENKATA DURGA NAVEEN (153B1A0202), P.BHANU PRAKASH (153B1A0224), C.I.SURESH (163B5A0231) in partial fulfillment for the Award of Degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

Project Guide
Mr. K. SURESH KUMAR M.Tech.,
Department of EEE

Ms. R.R.MANISRI M.Tech.,
Department of EEE

EXTERNAL EXAMINER

VSM College of Engineering
(Approved by AICTE, Accredited By NAAC, New Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)
Ramachandrapuram-533255, East Godavari District, A.P., INDIA
Department of Electrical and Electronics Engineering
A project report on

THREE PHASE FAULT DETECTION USING ARDUINO

Submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

in

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By

G.SANDEEP (163B5A0206)
K.PRUDHIVI RAJ (153B1A0214)
G.SURESH KIRAN (163B5A0207)
P.RAMBABU (163B5A0221)
P.ASHOK (153B1A0222)

Under the Esteemed guidance of

Mr.U.V.V.SATYANARAYANA, M.Tech.,

Assistant Professor

Department of Electrical and Electronics Engineering

V.S.M. College of Engineering

(Approved by AICTE, Accredited By NAAC, New Delhi and affiliated to Jawaharlal Nehru Technological University, Kakinada)

Ramachandrapuram-533255, East Godavari District, A.P.,INDIA

2015-2019
V.S.M. College of Engineering
(Approved by AICTE, Accredited by NAAC, New Delhi and affiliated
to Jawaharlal Nehru Technological University, Kakinada)

Ramachandrapuram-533255, East Godavari District, A.P., INDIA

Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the project report entitled "THREE PHASE FAULT DETECTION USING ARDUINO" being submitted by G.SANDEEP (163B5A0206), K.PRUDHVIRAJ (153B1A0214), G.SURESH KIRAN (163B5A0207), P.RAMBABU (163B5A0221), P.ASHOK (153B1A0222) in partial fulfillment for the award of the degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

U.V.V.SATYANARAYANA
Project Guide

Mr.U.V.V.SATYANARAYANA M.Tech.,
Department of EEE

R.R.MANISRI
Ms. R.R.MANISRI M.Tech.,
Department of EEE

External Examiner
A Project Report on

GOOGLE ASSISTANT BASED HOME AUTOMATION USING
NODE MCU

Submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

in

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By

G.NAGADURGA SAINADH (163B5A0205)
K.NEERAJA (163B5A0230)
P.BALARAJU (163B5A0223)
K.SAIBABA REDDY (163B5A0214)
T.SANNY BABU (153B1A0227)

Under the Esteemed guidance of

Mrs.Y.VARALAKSHMI, M.Tech.,
Assistant Professor

Department of Electrical and Electronics Engineering

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Ramachandrapuram-533255, East Godavari District, A.P., INDIA

2015-2019
VSM College of Engineering
(Approved by AICTE, Accredited By NAAC, New Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)
Ramachandrapuram-533255, East Godavari District, A.P., INDIA
Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the project report entitled “GOOGLE ASSISTANT BASED HOME AUTOMATION USING NODE MCU” being submitted by G. NAGADURGA SAINADH (163B5A0205), K. NEERAJA (163B5A0230), P. BALARAJU (163B5A0223), K. SAIBABA REDDY (163B5A0214), T. SANNY BABU (153B1A0227) in partial fulfillment for the Award of Degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

Y. Varalakshmi
Project Guide

R. R. Manisri
Head of the Department

Mrs. Y. VARALAKSHMI M.Tech.,
Department of EEE

Ms. R. R. MANISRI M.Tech.,
HOD

EXTERNAL EXAMINER

Scanned with CamScanner
A Project Report on

SOLAR CAR

Submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

in

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

D.SWAPNA PRIYA 153B1A0205 G.PRIYANKA 153B1A0208
M.V. MOUNIKA 163B5A0219 B.DURGA SURESH 163B5A0202
CH.VEERENDRA 163B5A0203 K.KRISHNAVeni 153B1A0216
V.S.VENKATA RAMANA 163B5A0228 K.SAIRAM 153B1A0210
M.SUNIL REDDY 153B1A0218 CH.PAVAN KUMAR 153B1A0228

Under the Esteemed guidance of


Assistant Professor

Department of Electrical and Electronics Engineering

VSM College of Engineering

(Approved by AICTE, Accredited by NAAC, New Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)

Ramachandrapuram-533255, East Godavari District, A.P., INDIA

2015-2019
VSM College of Engineering

(Approved by AICTE, Accredited By NAAC, New Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)

Ramachandrapuram-533255, East Godavari District, A.P.,INDIA

Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the project report entitled “SOLAR CAR” being submitted by D.SWAPNA PRIYA (153B1A0205), M.V.MOUNIKA (163B5A0219), CH.VEERENDRA (163B5A0203), V.S.VENKATA RAMANA (163B5A0228), M.SUNIL REDDY (153B1A0218), G.PRIYANKA (153B1A0208), B.DURGA SURESH (163B5A0202), K.KRISHNAVENI (153B1A0216), K.SAIRAM (153B1A0210), CH.PAVAN KUMAR (153B1A0228) in partial fulfillment for the Award of Degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

R. R. MANISRI  
Project Guide

Ms. R.R.MANISRI, M.Tech.,
Department of EEE

R. R. MANISRI
Head of the Department

Ms. R.R.MANISRI M.Tech.
HOD DEPT. OF EEE
V.S.M. COLLEGE OF ENGINEERING
RAMACHANDRAPURAM

EXTERNAL EXAMINER
A Project Report on

MINIMIZING PENALTY IN INDUSTRIAL POWER CONSUMPTION
BY ENGAGING APFC UNIT

Submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

in

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By

S.V.DURGA PRASAD (163B5A0225)
M.BALAJI (163B5A0218)
K.CHAKRavarTHI (163B5A0213)
K.SRI RAM (153B1A0215)
M.V.SATISH (153B1A0219)

Under the Esteemed guidance of

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2015-2019
VSM College of Engineering
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Ramachandrapuram-533255, East Godavari District, A.P., INDIA
Department of Electrical and Electronics Engineering

CERTIFICATE
This is to certify that the project report entitled “MINIMIZING PENALTY IN INDUSTRIAL POWER CONSUMPTION BY ENGAGING APFC UNIT” being submitted by S.V.DURGA PRASAD (163B5A0225), M.BALAJI (163B5A0218), K.CHAKRAVARTHI (163B5A0213), K.SRI RAM (153B1A0215), M.V.SATISH (153B1A0219) in partial fulfillment for the Award of Degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

Project Guide
Mr. K. DOSARAO M.Tech.,
Department of EEE

Head of the Department
Ms. R.R.MANISRI M.Tech.,
HOD
Department of EEE
V.S.M. COLLEGE OF ENGINEERING
RAMACHANDRAPURAM

EXTERNAL EXAMINER
A Project Report on

PROTOTYPE VAN DE GRAAFF GENERATOR

Submitted in partial fulfilment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

in

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By

K.DURGARAO (163B5A0212)
CH.ANNAVARAM (163B5A0204)
CH.VIJAYA LAKSHMI (153B1A0203)
P.PREM KUMAR (163B5A0224)
N.SYAM CHANDU (153B1A0220)

Under the Esteemed guidance of

Mrs.P.SRIDEVI, M.Tech.
Assistant Professor

Department of Electrical and Electronics Engineering

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(Approved by AICTE, Accredited By NAAC, New Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)

Ramachandrapuram-533255, East Godavari District, A.P., INDIA

2015-2019
CERTIFICATE

This is to certify that the project report entitled "PROTOTYPE VAN DE GRAAFF GENERATOR" being submitted by K. DURGARAO (163B5A0212), CH. ANNAVARAM (163B5A0204), CH. VIJAYA LAKSHMI (153B1A0203), P. PREM KUMAR (163B5A0224), N. SYAM CHANDU (153B1A0220) in partial fulfillment for the Award of Degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

Project Guide
Mrs. P. SRI DEVI M.Tech.,
Department of EEE

Head of the Department
Ms. R. R. MANISRI M.Tech.,
DEPT. OF EEE
VSM COLLEGE OF ENGINEERING
RAMACHANDRAPURAM

EXTERNAL EXAMINER
A project report on

A POWER QUALITY IMPROVED BRIDGE LESS CONVERTER-
BASED COMPUTER POWER SUPPLY

Submitted in Partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

in

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By

M. ADIREDDY 163B5A0216
L. PAVAN KUMAR 163B5A0215
P. AMARNATH 163B5A0222
V. SURESH 163B5A0227

Under the Esteemed guidance of

Mr. P. SAI MANIKANTA, M.Tech.,
ASSISTANT PROFESSER

Department of Electrical and Electronics Engineering

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Ramachandrapuram-533255, East Godavari District, A.P., INDIA

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Ramachandrapuram-533255, East Godavari District, A.P., INDIA

Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the project report entitled "A POWER QUALITY IMPROVED BRIDGE LESS CONVERTER BASED COMPUTER POWER SUPPLY" being submitted by M. ADIREDDY (163B5A0216), L. PAVAN KUMAR (163B5A0215), P. AMARNATH (163B5A0222), V. SURESH (163B5A0227) in partial fulfillment for the award of the degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

Project guide

Mr. P. SAI MANIKANtha, M. Tech.,

HOD

R. R. Mani

Ms. R. RAMANI SRE, M. Tech.

External Examiner
A project report on
REALTIME SOLAR TRACKING AND CLEANING EQUIPMENT USING REALTIME CLOCK
Submitted in partial fulfillment of the requirements for the award of degree of
BACHELOR OF TECHNOLOGY
in
ELECTRICAL AND ELECTRONICS ENGINEERING
Submitted By
BIRUDA NAGA RAMA LAKSHMI 153B5A0201
NAKKA CHINA APPARAO 153B5A0209
PERURI DURGA PRASAD 153B5A0211
Under the Esteemed Guidance of
Mr.U.V.V.SATYANARAYANA, M.Tech.,
Assistant Professor
Department of Electrical and Electronics Engineering
V.S.M. College of Engineering
(Approved by AICTE New Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)
A NAAC Accredited Institution
Ramachandrapuram-533255, East Godavari District, A.P., INDIA
2014-2018
V.S.M. College of Engineering
(Approved by AICTE New Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)
A NAAC Accredited Institution
Ramachandrapuram-533255, East Godavari District, A.P., INDIA

Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the project report entitled "REALTIME SOLAR TRACKING AND CLEANING EQUIPMENT USING REALTIME CLOCK" has been submitted by B.N.R. LAKSHMI (153B5A0201), N.C. APPARAO (153B5A0209), P.D. PRASAD (153B5A0211) in the partial fulfillment for the award of the degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada as a record of bonafide work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree.

U.V.V. STYANARAYANA
Project Guide
Mr. U.V.V. SATYANARAYANA, M.Tech.

R.R. MANI
Head of the department
Ms. R.R. Prasada M.Tech.

V.S.M. COLLEGE OF ENGINEERING
RAMACHANDRAPURAM

EXTERNÁL EXAMINER
DETECTING POWER GRID SYNCHRONISATION FAILURE ON SENSING FREQUENCY AND VOLTAGE BEYOND ACCEPTABLE RANGE

A project Report

Submitted in partial fulfillment of the requirement for the award of Degree of

BACHELOR OF TECHNOLOGY IN ELECTRICAL AND ELECTRONICS ENGINEERING

SUBMITTED BY

M.KANAKA MAHA LAXMI 153B5A0206
PALIKA SIVA 143B1A0204
CH.MANGA SIREESHA 153B5A0202

Under the esteemed guidance of

Ms. K.SRIDURGA, M. Tech
Assistant Professor

DEPARTMENT OF ELECTRICAL ENGINEERING
VSM COLLEGE OF ENGINEERING

(Approved by AICTE New Delhi, Affiliated to J.N.T.U Kakinada and Accredited by NAAC)

2014-2018
CERTIFICATE

This is to certify that the project work entitled

DETECTING POWER GRID SYNCHRONISATION
FAILURE ON SENSING FREQUENCY AND VOLTAGE
BEYOND ACCEPTABLE RANGE

Has been carried out by

M.KANAKA MAHA LAXMI 153B5A0206
PALIKA SIVA 143B1A0204
CH.MANGA SIREESHA 153B5A0202

The students of final year B. Tech under my super vision and guidance
submitted in partial fulfillment of the requirements for the award of degree of
BACHELOR OF TECHNOLOGY in ELECTRICAL ENGINEERING of
Jawaharlal Nehru Technological University, Kakinada during the academic year
2014-2018

Ms. R.K.SRIDURG, B Tech
Assistant Professor
Project Guide

Ms. R.R.MANJUNATH, M. Tech
Head of Department

EXTERNAL EXAMINER

VSM COLLEGE OF ENGINEERING
RAMACHANDRAPURAM

Scanned with CamScanner
A project report on

**G.S.M BASED MONTHLY ELECTRICITY BILL VIA SMS**

Submitted in Partial on partial fulfillment of the requirements for the award of the degree of

**BACHELOR OF TECHNOLOGY**

in

**ELECTRICAL AND ELECTRONICS ENGINEERING**

Submitted By

M.KARTHEEK CHANDRA 153B5A0207
K.E.S GANAPATHI 153B5A0204
P.S.V CHAKRADHAR 143B1A0203

Under the Esteemed guidance of

Mr.B RAMESH, M.Tech.,
Assistant Professor

Department of Electrical and Electronics Engineering

**V.S.M. College of Engineering**

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Ramachandrapuram-533255, East Godavari District, A.P.,INDIA

2014-2018
Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the project report entitled "G.S.M BASED MONTHLY ELECTRICITY BILL VIA SMS" being submitted by M.KARTHEEK CHANDRA (153B5A0207), K.E.S GANAPATHI (153B5A0204), P.S.VCHAKRADHAR (143B1A0203) in partial fulfillment for the award of the degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

Mr.B.Ramesh M.Tech.,
Project guide

Ms.R.R.Manisri M.Tech.,
HOD

Head of the Department

V.S.M. COLLEGE OF ENGINEERING
RAMACHANDRAPURAM
A project report on

POWER THEFT DETECTION USING ARDUINO

Submitted in partial fulfillment of the requirements for the award of degree of

BACHELOR OF TECHNOLOGY

in

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By

NAMALA VAMSI 153B5A0210
MULLAPUDI DEVIPRASANNA 153B5A0208
VANUM VEERANJANEYULU 153B5A0213

Under the Esteemed Guidance of

Ms.R.R MANISRI, M.Tech., Assistant Professor

Department of Electrical and Electronics Engineering

V.S.M. College of Engineering

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A NAAC Accredited Institution

Ramachandrapuram-533255, East Godavari District, A.P., INDIA
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Ramachandrapuram-533255, East Godavari District, A.P., INDIA

Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the project report entitled "POWER THEFT DETECTION USING ARDUINO" has been submitted by N.VAMSI(153B5A0210), M.DEVIPRASANNA(153B5A0208), V.BEERANJANEYULU (153B5A0213) in the partial fulfillment for the award of the degree of Bachelor of Technology in ELECTRICAL and ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any Degree.

R.R. Harish
Project Guide

Ms. R.R. Mani Sri M.Tech.

R.R. Harish
Head of the department

HOD

Ms. R.R. Mani Sri M.Tech.

V.S.M. COLLEGE OF ENGINEERING
Ramachandrapuram

EXTERNAL EXAMINER
A project report on

UNDERGROUND CABLE FAULT DETECTION

Submitted in partial fulfillment of the requirements for the Award of the Degree of

B. Tech in Electrical and Electronics Engineering

BY

S.H.D.R.D.LAKSHMI 153B5A0212
Y.D.V.V.ATCHYUTAMBA 143B1A0207
V.VEERABABU 143B1A0206
G.N.S.KRISHNA 13PA1A0232

Under the Esteemed Guidance of

Mrs. D.N.SITA MAHA LAKSHMI, M.Tech.,

Department of Electrical and Electronics Engineering

V.S.M. College of Engineering

(Approved by AICTE, Accredited by NAAC, Affiliated to
Jawaharlal Nehru Technological University, Kakinada)

Ramachandrapuram-533255, A.P, INDIA

2014-2018
CERTIFICATE

Department of Electrical and Electronics Engineering
V.S.M. College of Engineering
(Approved by AICTE, Accredited by NAAC, Affiliated to Jawaharlal Nehru Technological University, Kakinada)
Ramachandrapuram-533255, A.P, INDIA
2014-2018

This is to certify that the project report entitled “UNDERGROUND CABLE FAULT DETECTION” has been submitted by S.H.D.R.D.LAKSHMI(153B5A0212) in partial fulfillment for the award of the Degree of Bachelor of Technology in Electrical and Electronics Engineering to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

Project Guide
Mrs. D.N.SITA MAHA LAKSHMI,M,.Tech.,
Department of EEE

Head of the Department
Ms. R.R.MANISRIR.M.Tech.,
Department of EEE

EXTERNAL EXAMINER

V.S.M. COLLEGE OF ENGINEERING
RAMACHANDRAPURAM
A Project Report on

GSM BASED DISTRIBUTION TRANSFORMER MONITORING SYSTEM

Project report submitted in partial fulfillment of the requirements for the award of the Degree of B. Tech in Electrical and Electronics Engineering

BY

DONTHAMSETTI BALA SARASWATHI 143B1A0202
CHODI SATYASUBRHMANYAM 153B5A0203
DOKUBURRA KIRANTEJA 143B1A0201

Under the Esteemed Guidance of

Mrs. P. Sridevi M.Tech.,

V.S.M. College of Engineering

(Approved by AICTE New Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)

A NAAC Accredited Institution

Ramachandrapuram-533255, East Godavari District, A.P., INDIA

2014-2018
CERTIFICATE

This is to certify that the project report entitled “GSM BASED DISTRIBUTION TRANSFORMER MONITORING SYSTEM” has being submitted by D.BALA SARASWATHI(143B1A0202), CH. SATYA SUBRHMANYAM(153B5A0203), D.KIRANTEJA (143B1A0201) in the partial fulfillment for the award of the degree of Bachelor of Technology in Electrical and Electronics Engineering to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

The results embodied in this project report have not been submitted to any other university or institute for the award of any Degree or Diploma.

Project Guide
Mrs. P. SRIDEVI M.Tech.

Head of the department
Ms. R. KIRANTEJA M.Tech.

EXTERNAL EXAMINAR
A PROJECT REPORT OF

DTMF BASED AGRICULTURAL MOTOR CONTROL

Project report submitted in partial fulfillment of the Requirements for the Award of the Degree of B.Tech in Electrical & Electronics Engineering

BY

POLIMATI MAHESH 143B5A0209
DASARI SRIKANTH 143B5A0203
CHEVALA SANTHI KUMARI 132E1A0209
DOMA DORABABU 133B1A0205
SANDAPU RAMA KRISHNA 133B1A0216

Under the Esteemed Guidance of

Mr. VOORA S N V S R PHANI KUMAR, B.Tech

Department of Electrical and Electronics Engineering

V.S.M. College of Engineering

(Approved by AICTE New-Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)

Ramachandrapuram-533255, A.P, INDIA

2013-2017
CERTIFICATE

This is to certify that the project report entitled "DTMF BASED AGRICULTURAL MOTOR CONTROL" being submitted by POLIMATI MAHESH (143B5A0209), DASARI SRIKANTH (143B5A0203), CHEVALA SANTHI KUMARI (132E1A0209), DOMA DORABABU (133B1A0205), SANDAPU RAMA KRISHNA (133B1A0216) in partial fulfillment for the award of the Degree of Bachelor of Technology in Electrical and Electronics Engineering to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

Mr. VOORA S N V S R PHANI KUMAR B.Tech
Project guide
Department of EEE

Mrs. P. ARCHANA PRIYAM.Tech
Head of the Department
DEPT. OF EEE
V.S.M. COLLEGE OF ENGINEERING
RAMACHANDRAPURAM

EXTERNAL EXAMINER
A Project Report on

ELECTRICAL ENERGY GENERATION BY AIR BICYCLE

submitted in partial fulfillment of the requirements for the Award of the Degree of

BACHELOR OF TECHNOLOGY

In

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By

VUTUKURI SATEESH 133B1A0220
MULLAPUDI VENKATA DAMODHAR 133B1A0212
KOTA SATISH 133B1A0209
ALLADA MAHESH 133B1A0201
DHULIPUDI PRASAD RAO 133B1A0204

Under the esteemed guidance of

Mrs. P.ARCHANA PRIYA, M.TECH

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VSM COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to JNTU- Kakinada)

RAMACHANDRAPURAM

2013-2017
CERTIFICATE

This is to certify that the project report entitled "ELECTRICAL ENERGY GENERATION BY AIR BICYCLE", submitted by VUTUKURI SATEESH (133B1A0220), MULLAPUDI VENKATA DAMODHAR (133B1A0212), KOTA SATISH (133B1A0209), ALLADA MAHESH (133B1A0201), DHULIPUDI PRASAD RAO (133B1A0204), in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY, in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada, is a record of bonafided work carried out under my guidance and supervision during the academic year 2016-2017.

Mrs. P. ARCHANA PRIYA, M.TECH
Project Guide
Department of EEE

Mrs. P. ARCHANA PRIYA, M.TECH
HOD
DEPT. OF EEE
V.S.M. COLLEGE OF ENGINEERING
RAMACHANDRAPURAM

EXTERNAL EXAMINER
A Project Report of

AVAILABLE PHASE SELECTION IN A GIVEN THREE PHASE SUPPLY SYSTEM

Project report submitted in partial fulfillment of the Requirements for the Award of the Degree of B.Tech in Electrical and Electronics Engineering

by

CHELLUBOINA DEEPAK 143B5A0202
KOTHAPALLI MOUNIKA 133B1A0210
NUNNA SURESH KUMAR 143B5A0207
BALE RAMYA SUMA BHARATHI 132E1A0202
JAMANDLAMUDI KARUNA KUMARI 132E1A0215

Under the Esteemed Guidance of

Ms.R.R.MANI SRI M.Tech
Asst.Professor

Department of Electrical and Electronics Engineering
V.S.M. College of Engineering
(Approved by AICTE New-Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)
Ramachandrapuram-533255, A.P, INDIA
2013-2017
V.S.M. College of Engineering
(Approved by AICTE New-Delhi and Affiliated to
Jawaharlal Nehru Technological University, Kakinada)
Ramachandrapuram-533255, A.P, INDIA

Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the project report entitled AVILABLE PHASE SELECTION IN A GIVEN THREE PHASE SUPPLY SYSTEM being submitted by CHELLUBOINA DEEPAK (143B5A0202), KOTHAPALLI MOUNIKA (133B1A0210), NUNNA SURESH KUMAR (143B5A0207), BALE RAMYA SUMA BHARATHI (132E1A0202), JAMANDLAMUDI KARUNA KUMARI (132E1A0215) in partial fulfillment for the award of the Degree of Bachelor of Technology in Electrical and Electronics Engineering to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

[Signatures]

Project Guide
Ms.R.R. Mani Sri M.Tech
Department of EEE

Head of the Department
Mrs.P. Arbarana Priya M.Tech
Department of EEE
V.S.M. COLLEGE OF ENGINEERING
RAMACHANDRAPURAM

EXTERNAL EXAMINER
A PROJECT REPORT ON

THREE PHASE INDUSTRIAL LOAD PROTECTION SYSTEM

Project report submitted in partial fulfillment of the Requirements for the Award of the Degree of B.Tech in Electrical and Electronics Engineering

BY

ADAPA VENKATRAO 143B5A0201
SURAMPUDI PURNA DURGA PRASADARAO 143B5A0210
KOPPISETTI DURGA PRASAD 133B1A0208
MATTAPARTHI SATYA PRAVEEN 133B1A0211
PAMPANA PAVAN SRINIVAS 133B1A0214

Under the Esteemed Guidance of

Mr. U.V.V. SATYANARAYANA, M.Tech

Department of Electrical and Electronics Engineering
V.S.M. College of Engineering
(Approved by AICTE, New-Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)
Ramachandrapuram-533255, A.P. INDIA
2013-2017
VSM COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to JNTU- Kakinada)
RAMACHANDRAPURAM
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project report entitled “THREE PHASE INDUSTRIAL LOAD PROTECTION SYSTEM”, submitted by ADAPA VENKATRAO (143B5A0201), SURAMPUDI PURNA DURGA PRASADARAO (1435A0210), KOPPISETTI DURGA PRASAD(133B1A0208), MATTAPARTHI SATYA PRAVEEN (133B1A0211), PAMPANA PAVAN SRINIVAS (133B1A0214), in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY, in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada, is a record of bonafied work carried out under my guidance and supervision during the academic year 2016-2017.

[Signatures and Identification]

EXTERNAL EXAMINER
A Project Report on

SPEED CONTROL OF SINGLE PHASE INDUCTION MOTOR BY USING PWM TECHNIQUE

submitted in partial fulfilment of the Requirements for the Award of the Degree of B.Tech in Electrical & Electronics Engineering

BY

VALLEPU SREEDHAR RAJU 132E1A0232
CHINNAMSETTI NANI 132E1A0210
PEYYILA NAGA PHANINDRA 143B5A0208
YERRAPOTHINA SRINIVAS 143B5A0212

Under the Esteemed Guidance of

Mr. U.V.V SATYANARAYANA M.Tech

V.S.M. College of Engineering
(Approved by AICTE New-Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)

Department of Electrical and Electronics Engineering
Ramachandrapuram-533255, A.P, INDIA
2013-2017
ACKNOWLEDGEMENT

V.S.M. College of Engineering
(Approved by AICTE New-Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)
Department of Electrical and Electronics Engineering
Ramachandrapuram-533255, A.P., INDIA
2013-2017

Certificate

This is to certify that the project report entitled SPEED CONTROL OF SINGLE INDUCTION MOTOR BY USING PWM TECHNIQUE being submitted by V.SREEDHARAJU(132E1A0232), CH.NANI(132E1A0210), P.PHANINDRA(143B5A0208), Y.SRINIVAS(143B5A0212) in partial fulfillment for the award of the Degree of Bachelor of Technology in Electrical and Electronics Engineering to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

U.V.V Satyanarayana
M.Tech
Project guide

P.Archanapriya
M.Tech
Head of the Department

External Examiner
A PROJECT REPORT OF

VOICE CONTROLLED BASED POWER PLANT EQUIPMENT

Project report submitted in partial fulfillment of the Requirements for the Award of the Degree of B.Tech in Electrical & Electronics Engineering

BY

EEDUPUGANTI JAYA SRINIVAS 143B5A0204
PILLI SARALA 132E1A0227
GANTI SATISH 143B5A0205
KODURU ANIL KUMAR 132E1A0219

Under the Esteemed Guidance of

Ms. D.N. SITA MAHA LAKSHMI, M.Tech

Department of Electrical and Electronics Engineering

V.S.M. College of Engineering

(Approved by AICTE New-Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)

Ramachandrapuram-533255, A.P., INDIA

2013-2017
V.S.M. College of Engineering
(Approved by AICTE New-Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)
Ramachandrapuram-533255, A.P, INDIA

Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that the project report entitled “VOICE CONTROLLED BASED POWER PLANT EQUIPMENT” being submitted by EEDUPUGANTI JAYA SRINIVAS(143B5A0204), PILLI SARALA(132E1A0227), GANTI SATISH(143B5A0205) KODURU ANIL KUMAR(132E1A0219) in partial fulfillment for the award of the Degree of Bachelor of Technology in Electrical and Electronics Engineering to the Jawaharlal Nehru Technological University, Kakinada is a record of bonafied work carried out under my guidance and supervision.

Ms. D. SATYA MAHA LAKSHMI M.Tech
Project guide
Department of EEE

Mrs. P. ARCHANA PRIYA M.Tech
H.O.D.
DEPT. OF EEE
V.S.M. COLLEGE OF ENGINEERING
RAMACHANDRAPURAM

EXTERNAL EXAMINER
A Project Report on
SMART CARD BASED PREPAID ELECTRICITY SYSTEM
Submitted in partial fulfillment of the requirements for the award of the degree of
BACHELOR OF TECHNOLOGY
in
ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By
M.VIJAYA DURGA 123B1A0207
D.J.S.N. SANTHOSHI 123B1A0203
K.DURGA PRASAD 123B1A0205
CH.SURYA TEJA 123B1A0201

Under the esteemed guidance of
Mrs. P.ARCHANA PRIYA, M.Tech.
Head of the Department

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VSM COLLEGE OF ENGINEERING
(Approved by AICTE & Affiliated to JNTUK - Kakinada)
RAMACHANDRAPURAM
2012-2016
VSM COLLEGE OF ENGINEERING
(Approved by AICTE & Affiliated to JNTU - Kakinada)
RAMACHANDRAPURAM
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project entitled "SMART CARD BASED PREPAID ELECTRICITY SYSTEM" submitted by M.VIJAYA DURGA (123B1A0207), D.J.S.N. SANTHOSHI (123B1A0203), K.DURGA PRASAD (123B1A0205), CH.SURYA TEJA (123B1A0201) in partial fulfillment for the award of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada, is a record of bonafide work carried out by them under my guidance and supervision during the academic year 2015-2016.

Project Guide
Mrs. P.ARCHANA PRIYA, M.Tech.
Department of EEE

Head of the Department
Mrs. P.ARCHANA PRIYA, M.Tech.
Department of EEE
H O D
DEPT. OF EEE
V.S.M. COLLEGE OF ENGINEERING
RAMACHANDRAPURAM

EXTERNAL EXAMINER
SOLAR POWERED IRRIGATION SYSTEM CONTROLLED BY D.T.M.F. TECHNOLOGY

A Project Report
Submitted in partial fulfillment of the requirement
For the award of the degree
of
BACHELOR OF TECHNOLOGY
In
ELECTRICAL AND ELECTRONICS ENGINEERING

By
DWARAMPUDI SATHI REDDY (133B5A0202)
IRAGAVARAPU KRISHNA MANJARI (123B1A0204)
PUNNAMARAJU KRISHNA SAI SINHA (123B1A0209)
VYTLA SRI HARI (123B1A0210)

Under the esteemed guidance of
K. RAJEEV, M.TECH
ASSISTANT PROFESSOR

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING
V.S.M COLLEGE OF ENGINEERING

(Approved by AICTE New-Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada)
Ramachandrapuram-533255, A.P, INDIA
2012 - 2016
VSM COLLEGE OF ENGINEERING
(Approved by AICTE & Affiliated to JNTU - Kakinada)
RAMACHANDRAPURAM
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project entitled "SOLAR POWERED IRRIGATION SYSTEM CONTROLLED BY D.T.M.F. CONTROLLER", submitted by IRAGAVARAPU KRISHNA MANJARI(123B1A0204), PUNNAMARAJU KRISHNA SAI SINHA (123B1A0209), VYTLA SRI HARI (123B1A0210), DWARAMPUDI SATHI REDDY (133B5A0202), in partial fulfillment for the award of BACHELOR OF TECHNOLOGY, in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada, is a record of bonafied work carried out by them under my guidance and supervision during the academic year 2015-2016.

Project Guide
Mr. K.RAHEET, M.TECH
Department of EEE

Head of the Department
Mrs. P.ARCHANA PRIYA, M.TECH
Department of EEE
V.S.M. COLLEGE OF ENGINEERING
CHANDRAPURAM

EXTERNAL EXAMINER
A Project Report on
TEMPERATURE HAZARDS CONTROL IN INDUSTRIES
BY USING TEMPERATURE SENSOR
Submitted in partial fulfillment of the requirements for the award of the degree of
BACHELOR OF TECHNOLOGY
In
ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By
A.SIRISHA 122E1A0201
M.RAJESH 122E1A0216
CH.CHIRANJEEVI 123B1A0202
K.RAJANI 132E5A0206
K.MAHESWARA RAO 133B5A0205

Under the esteemed guidance of
Mr. U.V.V.SATYANARAYANA, M.TECH.
ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VSM COLLEGE OF ENGINEERING
(Approved by AICTE & Affiliated to JNTUK - Kakinada)
RAMACHANDRAPURAM
2012-2016
VSM COLLEGE OF ENGINEERING
(Approved by AICTE & Affiliated to JNTU - Kakinada)
RAMACHANDRAPURAM-533255
DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

CERTIFICATE

This is to certify that the project entitled “TEMPERATURE HAZARDS CONTROL IN INDUSTRIES BY USING TEMPERATURE SENSOR” submitted by A.SIRISHA (122E1A0201), M.RAJESH (122E1A0216), CH.CHIRANJEEVI (123B1A0202), K.RAJANI (132E5A0206), K.MAHESWARA RAO (133B5A0205) in partial fulfillment for the award of BACHELOR OF TECHNOLOGY, in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada, is a record of bonafied work carried out by them under my guidance and supervision during the academic year 2015-2016.

U.V.V.Satyanarayana
Project Guide
Mr. U.V.V.SATYANARAYANA, M.TECH
Department of EEE

[Signature]
Head of the Department
Mrs. P.ARCHANA PRIYA, M.TECH
Department of EEE

[Signature]
EXTERNAL EXAMINER
A Project Report on
GSM BASED ELECTRICITY BILLING
Submitted in partial fulfillment of the requirements for the award of the degree of
BACHELOR OF TECHNOLOGY
in
ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By
G.V.NARESH 133B5A0203
A.ANJI BABU 133B5A0201
J.V.GANGADHAR RAO 133B5A0204
N.SRIRAMACHANDRAMURTHI 133B5A0207
M.SANDEEP VARMA 123B1A0208

Under the esteemed guidance of
Mr. A.RAMESH M.Tech.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VSM COLLEGE OF ENGINEERING
(Approved by AICTE & Affiliated to JNTUK - Kakinada)
RAMACHANDRAPURAM
2012-2016
CERTIFICATE

This is to certify that the project entitled "GSM BASED ELECTRICITY BILLING" submitted by G.V.NARESH (133B5A0203), A.ANJI BABU (133B5A0201), J.V.GANGADHARAO (133B5A0204), N.SRIKUMAR (133B5A0207), M.SANDEEP VARMA (123B1A0208) in partial fulfillment for the award of BACHELOR OF TECHNOLOGY, in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada, is a record of bonafide work carried out by them under my guidance and supervision during the academic year 2015-2016.

Project Guide
Mr. A.RAMESH, M.Tech.,
Department of EEE

EXTERNA L EXAMINER

Head of the Dept. of EEE
Mr. R. RAVI" PRIYA,
M. Tech.,
Department of EEE
A Project Report on
SOLAR POWERED LED STREET LIGHTING
WITH AUTO INTENSITY CONTROL
Submitted in partial fulfilment of the requirements for the award of the degree of
BACHELOR OF TECHNOLOGY
In
ELECTRICAL AND ELECTRONICS ENGINEERING
Submitted By
MATTI SURESH KUMAR (123B1A0206)
MULAGAPATI SATYANARAYANA RAJU (133B5A0206)
PALIKA PAPARAO (133B5A0208)
SUDHA RAVI KUMAR (133B5A0209)
Under the esteemed guidance of
D.N.S. MAHA LAKSHMI, M.TECH
ASSISTANT PROFESSOR
DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING
VSM COLLEGE OF ENGINEERING
(Approved by AICTE & Affiliated to JNTUK - Kakinada)
RAMACHANDRAPURAM
2012-2016
VSM COLLEGE OF ENGINEERING
(Approved by AICTE & Affiliated to JNTU - Kakinada)
RAMACHANDRAPURAM
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project entitled "SOLAR POWERED LED STREET LIGHTING WITH AUTO INTENSITY CONTROL", submitted by MATTI SURESH KUMAR (123B1A0206), MULAGAPATI SATYANARAYANA RAJU (133B5A0206), PALIKA PAPARAO (133B5A0208), SUDHA RAVI KUMAR (133B15A0209) in partial fulfilment for the award of BACHELOR OF TECHNOLOGY, in ELECTRICAL AND ELECTRONICS ENGINEERING to the Jawaharlal Nehru Technological University, Kakinada, is a record of bonafied work carried out by them under my guidance and supervision during the academic year 2015-2016.

Project Guide
Ms. D.N.S.M. LAKSHMI, M.TECH.
Department of EEE

H.O.D.
Dept. of EEE
V.S.M. COLLEGE OF ENGINEERING
RAMACHANDRAPURAM

Mrs. P.ARCHANA PRIYA, M.TECH
Department of EEE

EXTERNAL EXAMINER
From
The HOD,
EEE Dept.

To
The Principal,
VSM College of Engineering,
Ramachandrapuram.

Respected Sir,

Sub: Request for grant the permission for arranging a field trip-regarding,

Our department is planning to visit an industry “MANI HAMSA MINI HYDRO POWER PLANT” III & II B.Tech. EEE Students in the possible dates of 3rd or 4th week.

The Objective of this Visit are To:

(1) Familiarize the students with new and different kinds/types of machineries used in the industry.
(2) Expose them regarding the plant layout.

With this kind of activity, we believe that our students will gain more knowledge on electrical engineering applications aside from the theoretical aspect learned from the classrooms.

We request you to give the permission for arranging a field trip.

Thanking you sir,

Yours sincerely,
Ramachandrapuram.
17/09/2019.

To
The B Prasad Babu,
Project Manager,
Mani Hamsa Mini Hydro Power Plant,
Yeleswaram.

Respected Sir,

Sub: Permission for industrial visit to power plant in the possible dates of 3rd or 4th week of September 2019-reg,

VSM College of Engineering, Ramachandrapuram is one of the pioneer institutes in the district and was established in the year 2009 with FIVE branches regarding B.Tech. and THREE branches regarding diploma were running successfully.

We emphasize our students in curricular activities as well as in co-circular activities. As a part of their activities, our B.Tech II & III year students are initiated to visit your power plant. Please grant us permission to visit in the possible dates of 3rd or 4th week. The total students of 38 accompanied by 2 faculty members. So kindly confirm the date suggested. Here with, I am enclosing the list of students and faculty members visiting the industry.

Thanking you sir,

With regards,

PRINCIPAL
VSM COLLEGE OF ENGINEERING
Ramachandrapuram—533255

ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR


All the II & III B.Tech EEE students are hereby informed that our department is going to conduct a field trip will be at MANI HAMSA MINI HYDRO POWER PLANT, dated as on 18/09/2019.

Timings: 7.00A.M to 6.00 P.M

H O D
DEPT. OF EEE
V.S.M. COLLEGE OF ENGINEERING
RAMACHANDRAPURAM
From
P SRI DEVI,
HOD, EEE Dept.

To
Mr. P. RAMBABU,
Transport Incharge
VSM College of Engineering,
Ramachandrapuram.

Respected Sir,

Sub: Request for grant the permission for arrange a bus for field trip-regarding,

Our department is planning to visit an industry “MANI HAMSA MINI HYDRO POWER PLANT” III & II B.Tech. EEE Students on 18/09/2019.

We request you to kindly arrange a bus for field trip as early as possible.

The following information about the trip
1. Distance – 81 KM (Rc puram to Yeleswaram)
2. Time – 7.00 A.M to 2.00 P.M

Thanking you sir,

Yours sincerely,

P. SRI DEVI
HOD
DEPT. OF EEE
V.S.M. COLLEGE OF ENGINEERING
RAMACHANDRAPURAM
Parent's willing form

17/09/2019

To
The Principal,
VSM College of Engineering,
Ramachandrapuram.

Sir,

I am K.ChandraiWou, father/mother of Kadasatya Nana. She/he is studying II year EEE Branch in your College. I heard that the IIIrd year EEE students have planned to conduct technical tour for one day i.e., 18th Sep 2019. Instead of this tour is optional and not compulsory to send my son/daughter to this technical tour with my own risk. But college is only coordinating the tour and support by sending our faculty members for guidance and safety.

Thanking you.

Yours Faithfully

K. ChandraiWou
To
The Principal,
VSM College of Engineering,
Ramachandrapuram.

17/09/2019

Sir,

I am [Name], father/mother of [Name]. She/he is studying [Year] year EEE Branch in your College. I heard that the [Year] year EEE students have planned to conduct technical tour for [Dates]. Instead of this tour, I am not compulsory to send my son/daughter to this technical tour with my own risk. But college is only coordinating the tour and support by sending our faculty members for guidance and safety.

Thanking you.

Yours Faithfully,

[Signature]
To
The Principal,
VSM College of Engineering,
Ramachandrapuram.

Sir,

I am [Father/Mother] of [Student's Name], studying 2nd year EEE Branch in your College. I heard that the 3rd year EEE students have planned to conduct a technical tour for 4 days [2019]. Instead of that tour being compulsory, I prefer not to send my son/daughter to this technical tour with my own risk. But college is only coordinating the tour and support by sending the faculty members for guidance and safety.

Thanking you.

Yours faithfully,

[Signature]
To
The Principal,
VSM College of Engineering,
Ramachandrapuram.

Sir,

I am ____________, father/mother of ____________, studying 1st year EEE Branch in your College. I heard that the 1st Year EEE students have planned to conduct technical tour for 10 days i.e., 18-29-________. I request you that this tour is optional and not compulsory to send my son/daughter to this technical tour with my own risk. But college is only coordinating the tour and support by sending our faculty members for guidance and safety.

Thanking you,

Yours Faithfully,

[Signature]
Parent's willing form

To
The Principal,
VSM College of Engineering,
Ramachandrapuram.

Sir,

I am Ch. Yebeli Roji, father/mother of Ch. Jack Jack. She/he is studying 3rd Year EEE Branch in your College. I heard that the 3rd Year EEE students have planned to conduct technical tour for 1 day i.e., 18.09.2019. Instead that this tour is optional and not compulsory to send my son/daughter to this technical tour with my own risk. But college is only coordinating the tour and support by sending our faculty members for guidance and safety.

Thanking you.

Yours Faithfully
To
The Principal,
VSM College of Engineering,
Ramechandrapuram.

Sir,

I am A. Dharma `s father/mother of A. Jayamari Hangas. He/she is studying III year EEE Branch in your College. I heard that the II Year EEE students have planned to conduct technical tour for __ days i.e., 18.10.2019. Instead of this tour is optional and not compulsory to send my son/daughter to this technical tour with my own risk. But college is only coordinating the tour and support by sending our faculty members for guidance and safety.

Thanking you.

Yours Faithfully

A. Dharma
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<td>17</td>
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<td>NAMA SATYASREEDHAR</td>
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<td>18</td>
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<td>PENKE SRINIVAS</td>
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<td>19</td>
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<td>SINGIDI SOMEWARA MANIKANTA</td>
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<td>193B5A0217</td>
<td>VASAMSETTI SATYA KRISHNA MOHAN</td>
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<td>VASAMSETTY PAVANARADHI</td>
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<td>22</td>
<td>193B5A0219</td>
<td>VENNA SRISUBRAHANYAGANESH</td>
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<td>193B5A0220</td>
<td>YALLA VEERA VENKATARAGHURAM</td>
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<td>24</td>
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<td>PUVVALA HARI KRISHNA</td>
<td></td>
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</tbody>
</table>
# ATTENDANCE SHEET

**III B.TECH I SEM (2019-2020)**

<table>
<thead>
<tr>
<th>S.NO</th>
<th>H.NO.</th>
<th>NAME</th>
<th>SIGNATURE OF STUDENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>173B1A0201</td>
<td>Ardhani Kumari Manga</td>
<td>A. P. Hanu</td>
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<td>2</td>
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<td>Chadalavada Jack Fanse</td>
<td>C. S. G. Prasad</td>
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<td>G. R. Sai</td>
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<td>Gampala Taraka Siva Sankar Narayana</td>
<td>G. S. Navagula</td>
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<td>5</td>
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<td>Machavarapu S.S. Bhanu Prakash</td>
<td>M. S. Prasad</td>
</tr>
<tr>
<td>6</td>
<td>173B1A0206</td>
<td>M. Surendra Kumar</td>
<td>M. R. D. Suryavada</td>
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<td>Matta Chaitunya Gowd</td>
<td>M. M. Suryavada</td>
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<td>8</td>
<td>173B1A0208</td>
<td>Pandyala Sai Krishna</td>
<td>P. S. A. Reddy</td>
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<td>173B1A0209</td>
<td>Vara Sivaji</td>
<td>A. P. Reddy</td>
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<td>D. Subrahman Iyam</td>
<td>A. P. Reddy</td>
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<td>S. Sandhya</td>
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<td>D. Koteswara Rao</td>
<td>D. Koteswara Rao</td>
</tr>
</tbody>
</table>

Signature of faculty

(k. suresh kumar)

( Y. Varalakshmi )
Student Feedback form – Field visits

Student name: A. Hathnaha
Department: [Department Name]
Year of student: III
Date and place: 8-09-2019
Name of the Lecturer(s): [Name]

Instructions: Please answer all questions by circling one out of numbers 1-5 against each statement.

The number 1-5 correspond to the statement:
5 - Strongly agree
4 - Agree
3 - Neither agree nor disagree
2 - Disagree
1 - Strongly disagree

a. The field visit was timely.

b. The visit was well organized.

c. The location selected was appropriate to meet the stated objectives

d. The visit was useful to strengthen knowledge gathered in lectures

e. Aims and objectives of the visit was explained at the beginning

f. A teacher accompanied the students.

g. The Teacher/Resource Person discussed subject matter during the visit

h. The Teacher/Resource Person was responsive to student questions during the visit.

i. The Teacher/Resource Person encouraged student participation

j. I recommend this field visit to be continued.

The overall grading of the course: Very good – 5 Good – 4 Satisfactory – 3 Poor – 2 Very poor – 1

Any other comments:
Student Feedback form - Field visits

Student name: Jackson
Department: EEE
Year of student: 2
Date and place: 18/09/2019
Name of the Lecturer(s): Suresh Kumar, V. Vara Bheeshmi

Instructions: Please answer all questions by circling one out of numbers 1 - 5 against each statement.
   The number 1 - 5 correspond to the statement:
   5 - Strongly agree
   4 - Agree
   3 - Neither agree nor disagree
   2 - Disagree
   1 - Strongly disagree

a. The field visit was timely.
   5 4 3 2 1

b. The visit was well organized.
   5 4 3 2 1

c. The location selected was appropriate to meet the stated objectives
   5 4 3 2 1

d. The visit was useful to strengthen knowledge gathered in lectures
   5 4 3 2 1

e. Aims and objectives of the visit was explained at the beginning
   5 4 3 2 1

f. A teacher accompanied the students.
   5 4 3 2 1

g. The Teacher/Resource Person discussed subject matter during the visit
   5 4 3 2 1

h. The Teacher/Resource Person was responsive to student questions during the visit.
   5 4 3 2 1

i. The Teacher/Resource Person encouraged student participation
   5 4 3 2 1

j. I recommend this field visit to be continued.
   5 4 3 2 1

The overall grading of the course: Very good - 5 Good - 4 Satisfactory - 3 Poor - 2 Very poor - 1

Any other comments:
Student Feedback form – Field visits

Student name: A. Kumasi Manka

Department: EEE

Year of student: III, EEE

Date and place: 18/09/2019, Hemaniwa Hydro Power Plant (KPLC)

Name of the Lecturer(s): Prof. Joshua Kumer, Mr. Vasakidim

Instructions: Please answer all questions by circling one out of numbers 1 - 5 against each statement.

The number 1 - 5 correspond to the statement:
5 - Strongly agree
4 - Agree
3 - Neither agree nor disagree
2 - Disagree
1 - Strongly disagree

a. The field visit was timely.
   5  4  3  2  1

b. The visit was well organized.
   5  4  3  2  1

c. The location selected was appropriate to meet the stated objectives
   5  4  3  2  1

d. The visit was useful to strengthen knowledge gathered in lectures
   5  4  3  2  1

e. Aims and objectives of the visit was explained at the beginning
   5  4  3  2  1

f. A teacher accompanied the students.
   5  4  3  2  1

g. The Teacher/Resource Person discussed subject matter during the visit
   5  4  3  2  1

h. The Teacher/Resource Person was responsive to student questions during the visit.
   5  4  3  2  1

i. The Teacher/Resource Person encouraged student participation
   5  4  3  2  1

j. I recommend this field visit to be continued.
   5  4  3  2  1

The overall grading of the course: Very good – 5 Good – 4 Satisfactory - 3 Poor - 2 Very poor - 1

Any other comments:
Student Feedback form - Field visits

Student name: K. Mallikanta
Department: Electrical and Electronics Engineering
Year of student: II-year
Date and place: 18-9-19 Manj Hansa Paper Plant
Name of the Lecturer(s): Mr. K. Suraj Kumar, Mrs. Y. Varalakshmi

Instructions: Please answer all questions by circling one out of numbers 1-5 against each statement. The number 1-5 correspond to the statement:
- 5: Strongly agree
- 4: Agree
- 3: Neither agree nor disagree
- 2: Disagree
- 1: Strongly disagree

a. The field visit was timely. 4 3 2 1
b. The visit was well organized. 4 3 2 1
c. The location selected was appropriate to meet the stated objectives 4 3 2 1
d. The visit was useful to strengthen knowledge gathered in lectures 3 2 1
e. Aims and objectives of the visit was explained at the beginning 3 2 1
f. A teacher accompanied the students. 4 3 2 1
g. The Teacher/Resource Person discussed subject matter during the visit 5 4 3 2 1
h. The Teacher/Resource Person was responsive to student questions during the visit. 5 4 3 2 1
i. The Teacher/Resource Person encouraged student participation 5 4 3 2 1
j. I recommend this field visit to be continued. 5 4 3 2 1

The overall grading of the course: Very good - 5 Good - 4 Satisfactory - 3 Poor - 2 Very poor - 1

Any other comments:
Student Feedback form - Field visits

Student name: Girish Barikar
Department: Electrical & Electronics Engg.
Year of student: 5th Year
Date and place: 18/09/2019 - Yeleswaram, Srikakulam, Power Plant
Name of the Lecturer(s): Dr. K. Sweth Kumar

Instructions: Please answer all questions by circling one out of numbers 1 - 5 against each statement.
The number 1 - 5 correspond to the statement:
5 - Strongly agree
4 - Agree
3 - Neither agree nor disagree
2 - Disagree
1 - Strongly disagree

a. The field visit was timely.
   5  4  3  2  1

b. The visit was well organized.
   5  4  3  2  1

c. The location selected was appropriate to meet the stated objectives
   5  4  3  2  1

d. The visit was useful to strengthen knowledge gathered in lectures
   5  4  3  2  1

e. Aims and objectives of the visit was explained at the beginning
   5  4  3  2  1

f. A teacher accompanied the students.
   5  4  3  2  1

g. The Teacher/Resource Person discussed subject matter during the visit
   5  4  3  2  1

h. The Teacher/Resource Person was responsive to student questions during the visit.
   5  4  3  2  1

i. The Teacher/Resource Person encouraged student participation
   5  4  3  2  1

j. I recommend this field visit to be continued.
   5  4  3  2  1

The overall grading of the course: Very good - 5 Good - 4 Satisfactory - 3 Poor - 2 Very poor - 1

Any other comments:

No
A
REPORT ON INDUSTRIAL VISIT ON MANIHAMSA
HYDRO POWER PLANT

With an aim to go beyond academics, Electrical Engineering Department of VSM, had organized an industrial visit to Manihamsa Hydro Power Plant (1.5MW), east godavari District, yelleswaram on 18th sep 2019. Total 36 Students from 2nd year and 3rd year students along with two faculties (Mrs. Y. VARALAKSHMI, Mr. K. SURESHKUMAR), Electrical engineering department, visited the Hydro Power Plant.

The purpose of this Industrial visit was to provide an excellent opportunity to all the students & faculties to interact and know more about industrial environment. The intention was to help the students to create a practical perspective on the World of Engineering. Here the students studied about general information of dam, spillway, reservoir, different stages of power stations.

The water used for power generation is pumped back to the main reservoir from the tail pond using Reversible hydro turbine. No Fossil Fuels are involved in the power generation as the project activity would utilise potential energy available in flowing water for power generation. The process would involve converting the kinetic energy available in the water flow into mechanical energy using hydro turbines and then to electrical energy using alternators. The project operation would contribute to sustainable development, substituting fossil fuel generated power, reducing emissions of GHGs, while responding to increasing energy demand, contributing to the stabilization of price of power to consumers and reducing.

Parts of a Hydroelectric Plant Most conventional hydroelectric plants include four major components:
1. Dam. Raises the water level of the river to create falling water. Also controls the flow of water. The reservoir that is formed is, in effect, stored energy.
2. Turbine. The force of falling water pushing against the turbine's blades causes the turbine to spin. A water turbine is much like a windmill, except the energy is provided by falling water instead of wind. The turbine converts
the kinetic energy of falling water into mechanical energy.
3. Generator. Connected to the turbine by shafts and possibly gears so when the turbine spins it causes the generator to spin also. Converts the mechanical energy from the turbine into electric energy. Generators in hydropower plants work just like the generators in other types of power plants.
4. Transmission lines. Conduct electricity from the hydropower plant to homes and business.
Thanks letter

From:
Mr. Ram
EEE Department
YSw COlLeGE OF enGeNeillNig

To:
Mr. Prasad Basu
Project Manager
Mae boma main hydroelectric plant,
Ukhrul.

Sub: Thankful for granting permission to visit the Organized - Flap.

On behalf of our Management, Principal and EEE department students and staff, want to express appreciation and thanks for granting the permission to visit your plant. Your ability to present the subject in such an interesting way produced one of the most memorable days in our group's history. Thanks again for a truly memorable visit. We hope you can join us again.

Thanking you,
yours sincerely,
HO/EEE Department.
VSM COLLEGE OF ENGINEERING

Department of

Computer Science and Engineering

Internship file
CERTIFICATE OF TRAINING
Machine Learning with Python & IBM Watson

This Certifies that

Mr./Ms. Addala Rajeswari

has successfully completed the training program on

'Machine Learning with Python & IBM Watson'

from 12/05/2019 to 21/05/2019, organized by

SmartBridge in collaboration with IBM.

Date of Issue: 01/06/2019

Nagarjuna Madluri
Program Manager (SIP-2019)
SmartBridge

Amarender Katkam
Chief Technology Officer
SmartBridge

python NumPy Pandas
matplotlib IBM Cloud
CERTIFICATE

Date: 15th June, 2019

This is to certify that the student with the name Mr./Ms. A. Surekha has successfully completed the INTERNSHIP in “Python” as part of live project in our organization.

This person has successfully completed the internship program on developing Web based applications using Python technology during the period from 14th May 2019 to 14th June 2019, under the guidance and supervision of Mr. P Ranjith Kumar from Hi-Techsters IT Services Private Limited, Gachibowli, Hyderabad.

This person has completed the assigned topic and tasks within the time frame. We noticed that this person is sincere and hardworking during the internship period.

We wish him/her all the best for his/her future endeavours.

For Hi-Techsters IT Services Private Limited

[Signature]

Naveen Sridhar
Director

4th Floor, Jyothi Imperial, Gachibowli, Hyderabad, Telangana - 500032. info@techsters.in | www.techsters.in | Contact: +91 88855 26751.
CERTIFICATE OF TRAINING
Machine Learning with Python & IBM Watson

This Certifies that

Mr./Ms. Anagandhi Sri Vardhana Lakshmi

has successfully completed the training program on

'Machine Learning with Python & IBM Watson'

from 12/05/2019 to 21/05/2019, organized by

SmartBridge in collaboration with IBM.

Date of Issue: 01/06/2019

Nagarjuna Madluri
Program Manager (SIP-2019)
SmartBridge

Amarender Katkam
Chief Technology Officer
SmartBridge
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. Anaparthi Sri Varadhan Lakshmi, pursuing B.Tech. in Computer Science Engineering from VSM College Of Engineering has successfully completed his/her summer internship from 13th May 2019 to 07th June 2019.

During this period he/she had learned the concepts of Machine Learning with Python & IBM Cloud and successfully completed a project "Health Insurance Prediction".

Refer the enclosed Certificate of Merit for his/her performance during the tenure of internship.

We wish him/her all the best for his/her future endeavours.

For SmartBridge Educational Services Pvt. Ltd.,

Amarendra Karkam,
Director – Technical
Certificate of Merit

This is to certify that Mr./Ms. Anaparthi Sri Vardhana Lakshmi has completed his/her internship program from 13th May 2019 to 07th June 2019 with Machine Learning with Python & IBM Watson as the specialization. He/She had secured an overall score of 88 out of 10 with criteria defined below.

<table>
<thead>
<tr>
<th>Assessment 1</th>
<th>12</th>
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<tbody>
<tr>
<td>Assessment 2</td>
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<td>Assessment 3</td>
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<td>Assignments</td>
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<td>Project Work</td>
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<td>Punctuality</td>
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<td>Mentor Score</td>
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<td>Over All Score</td>
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GitHub Link for the Assignments & Project Work

https://github.com/suwardhana

Date: 07th June 2019

Nagarjuna Madluri
Program Manager (SIP-2019)
CERTIFICATE

Date: 15th June, 2019

This is to certify that the student with the name Mr./Ms. A. Satya Renuka has successfully completed the INTERNSHIP in “Python” as part of live project in our organization.

This person has successfully completed the internship program on developing Web based applications using Python technology during the period from 14th May 2019 to 14th June 2019, under the guidance and supervision of Mr. P Ranjith Kumar from Hi-Techsters IT Services Private Limited, Gachibowli, Hyderabad.

This person has completed the assigned topic and tasks within the time frame. We noticed that this person is sincere and hardworking during the internship period.

We wish him/her all the best for his/her future endeavours.

For Hi-Techsters IT Services Private Limited

Naveen Sridhar
Director

4th Floor, Jyothi Imperial, Gachibowli, Hyderabad, Telangana - 500032.
info@techsters.in | www.techsters.in | Contact: +91 88855 26751.
SUMMER INTERNSHIP CERTIFICATION

Dated: 17th June 2018
Place: Hyderabad

This is to certify that Ms. AVASARALA.SAI SRAVANTHI has completed the Internship on JAVA Technology for 1 month (14.05.2018 to 14.06.2018)

During his/her tenure, we found him/her sincere, hardworking and he/she has executed his/her responsibilities in a very effective manner.

Wishing him/her all the best!!

Regards
BRAINOVISION SOLUTIONS INDIA PVT.LTD

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Authorised signatory
Brainovision Solutions India Pvt. Ltd.
Infisar Menhdi

+91 95029 26039
info@brainovision.in
www.brainovision.in

Brain O Vision Solutions Pvt. Ltd...
Mohan's Elite, 1st Floor, H.No:3-36/5/50, Madhapur, Khamnab, Hyd - 500 061.
www.fb.com/brainovisionsolutions
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. AVIDI LALITHA D/o Sri. A. PALLAVA RAJU Enrollment No: 163B1A0506 course BACHELOR OF ENGINEERING – CSE – semester III-2, student of VSM COLLEGE OF ENGINEERING, Ramachandrapuram, has successfully completed the INTERNSHIP titled EMPLOYEE MANAGEMENT SYSTEM FOR ELS in ELECTRICAL DEPARTMENT, SOUTH CENTRAL RAILWAY, VIJAYAWADA from 15TH May '2019 to 29TH Jun '2019.

During the tenure of her internship, her conduct and contribution have been GOOD.

We wish her all the best and success.

SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION (Regd.)
VIJAYAWADA.

G. N. V. Sereklia - P
PRESIDENT
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION (Regd.)
VIJAYAWADA.
Date: 30/06/2019,
Kakinada.

CERTIFICATE

This is to Certify that the student with the name Mr. **BODA SURYA ANUDEEP** has successfully completed the **INTERNSHIP** in "**NET**" as part of course curriculum in our organization.

This person has done the Internship program on developing web based applications using .NET technology during the period **May 8th 2019 to June 29th 2019**, under the guidance and supervision of **K. Rajendra Krishna**, Training Guide, for Krishana Techno Services, Kakinada.

This person completed the assigned course well within the time frame. He is sincere, hardworking and his conduct period is commendable.

We wish him all the best for future Endeavor.

For Krishana Techno Services,

**Rajendra Krishna**

(Director)
CERTIFICATE

Date: 15th June, 2019

This is to certify that the student with the name Mr./Ms. B. Sri Swetha has successfully completed the INTERNSHIP in “Python” as part of live project in our organization.

This person has successfully completed the internship program on developing Web based applications using Python technology during the period from 14th May 2019 to 14th June 2019, under the guidance and supervision of Mr. P Ranjith Kumar from Hi-Techsters IT Services Private Limited, Gachibowli, Hyderabad.

This person has completed the assigned topic and tasks within the time frame. We noticed that this person is sincere and hardworking during the internship period.

We wish him/her all the best for his/her future endeavours.

For Hi-Techsters IT Services Private Limited

Naveen Sridhar
Director

4th Floor, Jyothi Imperial, Gachibowli, Hyderabad, Telangana - 500032.
info@techsters.in | www.techsters.in | Contact: +91 88855 26751.
CERTIFICATE

Date: 15th June, 2019

This is to certify that the student with the name Mr./Ms. B. Jayakumari has successfully completed the INTERNSHIP in “Python” as part of live project in our organization.

This person has successfully completed the internship program on developing Web based applications using Python technology during the period from 14th May 2019 to 14th June 2019, under the guidance and supervision of Mr. P Ranjith Kumar from Hi-Techsters IT Services Private Limited, Gachibowli, Hyderabad.

This person has completed the assigned topic and tasks within the time frame. We noticed that this person is sincere and hardworking during the internship period.

We wish him/her all the best for his/her future endeavours.

For Hi-Techsters IT Services Private Limited

Naveen Sridhara
Director
CERTIFICATE OF TRAINING
Machine Learning with Python & IBM Watson

This Certifies that

Mr./Ms. Chandala Simisha

has successfully completed the training program on

'Machine Learning with Python & IBM Watson'

from 13/5/19 to 31/5/19, organized by

SmartBridge in collaboration with IBM.

Date of Issue: 16/6/19

Nagarjuna Madluri
Program Manager (SIP-2019)
SmartBridge

Amarendra Katkam
Chief Technology Officer
SmartBridge
SOUTH CENTRAL RAILWAY
WOMEN’S WELFARE ORGANISATION [REGD]
VIJAYAWADA

REGD No: 183/1992

DATE: 11-06-2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. CHELLU TEJA PRAVEENA
D/o Sri CHELLU SRINIVAS Enrollment No: 163BIA0511 course BACHELOR
OF ENGINEERING – CSE – semester III-2, student of VSM COLLEGE OF
ENGINEERING, Ramachandrapuram, has successfully completed the
INTERNSHIP titled EMPLOYEE MANAGEMENT SYSTEM FOR EMS in
ELECTRICAL DEPARTMENT, SOUTH CENTRAL RAILWAY,

During the tenure of her internship, her conduct and contribution
have been GOOD.

We wish her all the best and success.

Sudheendra
SECRETARY
SOUTH CENTRAL RAILWAY
WOMEN’S WELFARE ORGANISATION [Regd.]
VIJAYAWADA.

S. N. V. Surabhi P
PRESIDENT
SOUTH CENTRAL RAILWAY
WOMEN’S WELFARE ORGANISATION [Regd.]
VIJAYAWADA.
PROJECT CERTIFICATE

This is to certify that Miss. Chilaka Sri Leela Subhashini, Student of B.Tech (CSE) VSM COLLEGE, Ramachandrapuram, E.G.Dist. A.P. has done a Project work in Java Development Management titled as "Software Privacy Prevention" in our organization. From 11 May 2019 – 10 June 2019.

She has completed the assigned Project well within the time frame.
She is sincere, hardworking and her conduct during period is commendable.

We wish her all the best in the endeavor.

For B & I Tech Solutions,

Rakesh Singh
(HR Manager)
CERTIFICATE

This is to certify that CH.N.D.SAI SINDHUJA, B.Tech (CSE), student of VSM College of Engineering, Ramachandrapuram, East Godavari, Andhra Pradesh with Reg No: 16381A0513 has successfully completed her project Internship work titled "PERFORMANCE ANALYSIS OF MACHINE LEARNING ALGORITHMS FOR GENDER CLASSIFICATION" as part of her course curriculum.

She has done this project using PYTHON during the period of June 2019 to July 2019 under the guidance and supervision of Mr. Manikanta, Sr. Software Engineer, CyberSoft Systems (I) Pvt. Ltd., Hyderabad.

She has completed the assigned project well within the time frame. She is sincere, hardworking and her conduct during her project is commendable.

We wish her all the best in her future endeavors.

For CyberSoft Systems (I) Pvt. Ltd.

[Signature]

Project Guide.
CERTIFICATE

Date: 15th June, 2019

This is to certify that the student with the name Mr./Ms. Ch. Umadevi has successfully completed the INTERNSHIP in “Python” as part of live project in our organization.

This person has successfully completed the internship program on developing Web based applications using Python technology during the period from 14th May 2019 to 14th June 2019, under the guidance and supervision of Mr. P Ranjith Kumar from Hi-Techsters IT Services Private Limited, Gachibowli, Hyderabad.

This person has completed the assigned topic and tasks within the time frame. We noticed that this person is sincere and hardworking during the internship period.

We wish him/her all the best for his/her future endeavours.

For Hi-Techsters IT Services Private Limited

Naveen Sridhar
Director
SILICON INFO SYSTEMS
CERTIFICATE OF EXCELLENCE

SIS

Is a bonafide student and has successfully completed the course in

D. Swarna

HARDWARE NETWORKING

Authorised Signature
CERTIFICATE

This is to certify that DHANUKULA PAVANI, B.Tech(CSE), student of VSM College of Engineering, Ramachandrapuram, East Godavari, Andhra Pradesh with Reg No: 163B1A0516 has successfully completed her project work titled “ONLINE POLLING MANAGEMENT SYSTEM” as part of her course curriculum.

She has done this project using .NET during the period of May 2019 to June 2019 under the guidance and supervision of Mr. B. Rambabu, Sr.Software Engineer, Koushik Web Solutions Pvt. Ltd., Hyderabad.

She has completed the assigned project well within the time frame. She is sincere, hardworking and her conduct during her project is commendable.

We wish her all the best in her future endeavors.

for Koushik Web Solutions Pvt. Ltd.,
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. DONGA DIVYA SRI
D/o Sri. D. RAMA PRASAD RAO Enrollment No: 16381A0518 course
BACHELOR OF ENGINEERING – CSE – semester III-2, student of
VSM COLLEGE OF ENGINEERING, Ramachandrapuram, has successfully
completed the INTERNSHIP titled EMPLOYEE MANAGEMENT SYSTEM
FOR ELS in ELECTRICAL DEPARTMENT, SOUTH CENTRAL RAILWAY,
VIJAYAWADA from 10TH May '2019 to 10TH Jun '2019.

During the tenure of her internship, her conduct and contribution
have been GOOD.

We wish her all the best and success.

Sudheer
SECRETARY
SOUTH CENTRAL RAILWAY
WOMEN’S WELFARE ORGANISATION [Regd.]
VIJAYAWADA.

S.N.V. Sreekala
PRESIDENT
SOUTH CENTRAL RAILWAY
WOMEN’S WELFARE ORGANISATION [Regd.]
VIJAYAWADA.
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. GANNE ROOPAVATHI D/o Sri. G. SATYANARAYANA Enrolment No: 16381A0519 course BACHELOR OF ENGINEERING – CSE – semester III-2, student of VSM COLLEGE OF ENGINEERING, Ramachandrapuram, has successfully completed the INTERNSHIP titled EMPLOYEE DIABETIC LOCKING SYSTEM in MEDICAL DEPARTMENT, SOUTH CENTRAL RAILWAY, VIJAYAWADA from 16TH May '2019 to 10TH Jun '2019.

During the tenure of her internship, her conduct and contribution have been GOOD.

We wish her all the best and success.

Sudha Rani
SECRETARY
SOUTH CENTRAL RAILWAY
WOMEN’S WELFARE ORGANISATION [Regd.]
VIJAYAWADA.

S.N.V. Surekha
PRESIDENT
SOUTH CENTRAL RAILWAY
WOMEN’S WELFARE ORGANISATION [Regd.]
VIJAYAWADA.
CERTIFICATE

Date: 15th June, 2019

This is to certify that the student with the name Mr./Ms. G. Divyasri has successfully completed the INTERNSHIP in “Python” as part of live project in our organization.

This person has successfully completed the internship program on developing Web based applications using Python technology during the period from 14th May 2019 to 14th June 2019, under the guidance and supervision of Mr. P Ranjith Kumar from Hi-Techsters IT Services Private Limited, Gachibowli, Hyderabad.

This person has completed the assigned topic and tasks within the time frame. We noticed that this person is sincere and hardworking during the internship period.

We wish him/her all the best for his/her future endeavours.

For Hi-Techsters IT Services Private Limited

Naveen Sridhar
Director

4th Floor, Jyothi Imperial, Gachibowli, Hyderabad, Telangana - 500032. info@techsters.in | www.techsters.in | Contact : +91 88855 26751.
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. GAVIREDDY MADHUSWARI
D/o SRI. G. SATHEESWAR
Enrollment No: 1638/0852 course BACHELOR OF
ENGINEERING - CSE - semester III-2, student of VSM COLLEGE OF
ENGINEERING, Ramachandrapuram, has successfully completed the
INTERNSHIP titled EMPLOYEE MANAGEMENT SYSTEM FOR ELS in
ELECTRICAL DEPARTMENT, SOUTH CENTRAL RAILWAY,

During the tenure of her internship, her conduct and contribution
have been GOOD.

We wish her all the best and success.

Sudheswar
SECRETARY
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION (Regd.)
VIJAYAWADA.

S.N.V. Suresh P
PRESIDENT
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION (Regd.)
VIJAYAWADA.
CERTIFICATE

Date: 15th June, 2019

This is to certify that the student with the name Mr./Ms. G. Sravani has successfully completed the INTERNSHIP in “Python” as part of live project in our organization.

This person has successfully completed the internship program on developing Web based applications using Python technology during the period from 14th May 2019 to 14th June 2019, under the guidance and supervision of Mr. P Ranjith Kumar from Hi-Techsters IT Services Private Limited, Gachibowli, Hyderabad.

This person has completed the assigned topic and tasks within the time frame. We noticed that this person is sincere and hardworking during the internship period.

We wish him/her all the best for his/her future endeavours.

For Hi-Techsters IT Services Private Limited

Naveen Sridhar
Director
CERTIFICATE

Date: 15th June, 2019

This is to certify that the student with the name Mr./Ms. G. Durga Gayathri has successfully completed the INTERNSHIP in “Python” as part of live project in our organization.

This person has successfully completed the internship program on developing Web based applications using Python technology during the period from 14th May 2019 to 14th June 2019, under the guidance and supervision of Mr. P Ranjith Kumar from Nayana Group parent company of Hi-Techsters IT Services Private Limited, Gachibowli, Hyderabad.

This person has completed the assigned topic and tasks within the time frame. We noticed that this person is sincere and hardworking during the internship period.

We wish him/her all the best for his/her future endeavours.

Naveen Sridhara,
Director
CERTIFICATE OF TRAINING
Machine Learning with Python & IBM Watson

This Certifies that

Mr./Ms. G. Jaji Padmalakshmi

has successfully completed the training program on

'Machine Learning with Python & IBM Watson'

from 13/5/19 to 31/5/19, organized by

SmartBridge in collaboration with IBM.

Date of Issue: 16/6/19

Nagarjuna Madluri
Program Manager (SIP-2019)
SmartBridge

Amarender Katkam
Chief Technology Officer
SmartBridge
CERTIFICATE

This is to certify that G. MAITHRI MADHURYA, B.Tech (CSE), student of VSM College of Engineering, Ramchandrapuram, East Godavari, Andhra Pradesh with Reg No: 163B1A0525 has successfully completed her project internship work titled "PERFORMANCE ANALYSIS OF MACHINE LEARNING ALGORITHMS FOR GENDER CLASSIFICATION" as part of her course curriculum.

She has done this project using PYTHON during the period of June 2019 to July 2019 under the guidance and supervision of Mr. Manikanta, Sr. Software Engineer, CyberSoft Systems (I) Pvt. Ltd., Hyderabad.

She has completed the assigned project well within the time frame. She is sincere, hardworking and her conduct during her project is commendable.

We wish her all the best in her future endeavors.

[Signature]

CyberSoft Systems (I) Pvt. Ltd.
Certificate

This is to certify that 20 days industrial training report is the bonafaided work of Miss. IPPILI SANDHYA, pin no. 163B1A0528 of final year VSM COLLEGE OF ENGINEERING, RAMACHANDRAPURAM, submitted in partial fulfillment of the requirement for the award of COMPUTER SCIENCE AND ENGINEERING during the academic season of MAY 2019

And Obtained the grade A

[Signature]

MSNM TECHNOLOGIES
MS N MURTHY
Technologies
RAMACHANDRAPURAM
CERTIFICATE

Date: 15th June, 2019

This is to certify that the student with the name Mr./Ms. Jana Pavani has successfully completed the INTERNSHIP in “Python” as part of live project in our organization.

This person has successfully completed the internship program on developing Web based applications using Python technology during the period from 14th May 2019 to 14th June 2019, under the guidance and supervision of Mr. P Ranjith Kumar from Hi-Techsters IT Services Private Limited, Gachibowli, Hyderabad.

This person has completed the assigned topic and tasks within the time frame. We noticed that this person is sincere and hardworking during the internship period.

We wish him/her all the best for his/her future endeavours.

For Hi-Techsters IT Services Private Limited

Naveen Sridhar
Director

4th Floor, Jyothi Imperial, Gachibowli, Hyderabad, Telangana - 500032. info@techsters.in | www.techsters.in | Contact: +91 88855 26751.
Certificate

This is to certify that 20 days industrial training report is the bonafaided work of Miss KADALI RAMYA MOUNIKA, pin no. 163B1A0532 of final year VSM COLLEGE OF ENGINEERING, RAMACHANDRAPURAM, submitted in partial fulfillment of the requirement for the award of COMPUTER SCIENCE AND ENGINEERING during the academic season of MAY, 2019

And Obtained the grade: A

[Signature]

MSNM TECHNOLOGIES

MSN MURTHY
Technology
RAMACHANDRAPURAM
Certificate

This is to certify that 20 days industrial training report is the bonafaied work of Miss KADIYALA MAHESWARI, pin no.163B1A0533 of final year VSM COLLEGE OF ENGINEERING, RAMACHANDRAPURAM, submitted in partial fulfillment of the requirement for the award of COMPUTER SCIENCE AND ENGINEERING during the academic season of MAY 2019.

And Obtained the grade: A

Ch. Sai

MSNM TECHNOLOGIES

M S N MURTHY
Technologies
RAMACHANDRAPURAM
Certificate

This is to certify that 20 days industrial training report is the bonafaided work of Miss. KAICHLA SIREESHA, pin no.163B1A0534 of final year VSM COLLEGE OF ENGINEERING, RAMACHANDRAPURAM, submitted in partial fulfillment of the requirement for the award of COMPUTER SCIENCE AND ENGINEERING during the academic season of MAY 2019

And Obtained the grade: A

[Signature]

MSNM TECHNOLOGIES

MSN MURTHY TECHNOLOGIES
RAMACHANDRAPURAM
Date: 30/06/2019,
Kakinada.

CERTIFICATE

This is to Certify that the student with the name Mr. KAMJULA NAVEEN SITARAMULU has successfully completed the INTERNSHIP in " .NET " as part of course curriculum in our organization.

This person has done the Internship program on developing web based applications using .NET technology during the period May 8th 2019 to June 29th 2019, under the guidance and supervision of K.Rajendra Krishna, Training Guide, for Krishna Techno Services., Kakinada.

This person completed the assigned course well with in the time frame. He is sincere, hardworking and his conduct period is commendable.

We wish him all the best for future Endeavor.

For Krishna Techno Services,

Rajendra Krishna
(Director)
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. KANCHUMENU SAI LAKSHMI
D/o Sri. K. SATHIBABU Enrollment No: 163BI0A0537 course BACHELOR OF
ENGINEERING – CSE – semester III-2, student of VSM COLLEGE OF
ENGINEERING, Ramachandraapuram, has successfully completed the
INTERNSHIP titled EMPLOYEE MANAGEMENT SYSTEM FOR ELS in
ELECTRICAL DEPARTMENT, SOUTH CENTRAL RAILWAY,
VIJAYAWADA from 10TH May '2019 to 10TH Jun '2019.

During the tenure of her internship, her conduct and contribution
have been GOOD.

We wish her all the best and success.

Sincerely yours,

SECRETARY
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION (Regd.)
VIJAYAWADA.

S.N.V. SUREKHA P
PRESIDENT
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION (Regd.)
VIJAYAWADA.
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. KANKATALA KIRANMAI, D/o Sri. K. VENKATA KRISHNA, Enrollment No: 163B1A0538, course BACHELOR OF ENGINEERING – CSE – semester III-2, student of VSM COLLEGE OF ENGINEERING, Ramachandrapuram, has successfully completed the INTERNSHIP titled EMPLOYEE DIABETIC LOCKING SYSTEM in MEDICAL DEPARTMENT, SOUTH CENTRAL RAILWAY, VIJAYAWADA from 10TH May '2019 to 10TH Jun '2019.

During the tenure of her internship, her conduct and contribution have been GOOD.

We wish her all the best and success.

Sudha Prasad
SECRETARY
SOUTH CENTRAL RAILWAY
WOMEN’S WELFARE ORGANISATION (Regd.)
VIJAYAWADA.

S.N.V. Surekha
PRESIDENT
SOUTH CENTRAL RAILWAY
WOMEN’S WELFARE ORGANISATION (Regd.)
VIJAYAWADA.
CERTIFICATE OF TRAINING
Machine Learning with Python & IBM Watson

This Certifies that
Mr./Ms. Karri Poja

has successfully completed the training program on
'Machine Learning with Python & IBM Watson'
from 31/05/2019 to 31/05/2019, organized by
SmartBridge in collaboration with IBM.

Date of Issue: 01/06/2019

Nagarjuna Madluri
Program Manager (SIP-2019)
SmartBridge

Amarender Katkam
Chief Technology Officer
SmartBridge
Date: 30/06/2019,
Kakinada.

CERTIFICATE

This is to Certify that the student with the name Ms. KHANDAVALLI GAYATHRI DEVI has successfully completed the INTERNSHIP in ".NET" as part of course curriculum in our organization.

This person has done the Internship program on developing web based applications using .NET technology during the period May 8th 2019 to June 29th 2019, under the guidance and supervision of K. Rajendra Krishna, Training Guide, for Krishna Techno Services, Kakinada.

This person has completed the assigned course well within the time frame. She is sincere, hardworking and her conduct period is commendable.

We wish her all the best for future Endeavor.

For Krishna Techno Services,

Rajendra Krishna
(Director)
CERTIFICATE

Date: 15th June, 2019

This is to certify that the student with the name Mr./Ms. K. Suchitra has successfully completed the INTERNSHIP in “Python” as part of live project in our organization.

This person has successfully completed the internship program on developing Web based applications using Python technology during the period from 14th May 2019 to 14th June 2019, under the guidance and supervision of Mr. P Ranjith Kumar from Hi-Techsters IT Services Private Limited, Gachibowli, Hyderabad.

This person has completed the assigned topic and tasks within the time frame. We noticed that this person is sincere and hardworking during the internship period.

We wish him/her all the best for his/her future endeavours.

For Hi-Techsters IT Services Private Limited

Naveen Sreedhar
Director
CERTIFICATE

This is to certify that KOMALI HEMALATHA, B.Tech(CSE.), student of VSM College of Engineering, Ramchandrapuram, East Godavari, Andhra Pradesh with Reg No: 163B1A0544 has successfully completed her project work titled "ONLINE POLLING MANAGEMENT SYSTEM" as part of her course curriculum.

She has done this project using .NET during the period of May 2019 to June 2019 under the guidance and supervision of Mr. B. Rambabu, Sr.Software Engineer, Koushik Web Solutions Pvt. Ltd., Hyderabad.

She has completed the assigned project well within the time frame. She is sincere, hardworking and her conduct during her project is commendable.

We wish her all the best in her future endeavors.

for Koushik Web Solutions Pvt. Ltd.,
Date: 30/06/2019,
Kakinada.

CERTIFICATE

This is to Certify that the student with the name Ms. KOMMAJA JAYA LAKSHMI has successfully completed the INTERNSHIP in “.NET” as part of course curriculum in our organization.

This person has done the Internship program on developing web based applications using .NET technology during the period May 8TH 2019 to June 29TH 2019, under the guidance and supervision of K.Rajendra Krishna, Training Guide, for Krishna Techno Services., Kakinada.

This person has completed the assigned course well within the time frame. She is sincere, hardworking and her conduct period is commendable.

We wish her all the best for future Endeavor.

For Krishna Techno Services.,

Rajendra Krishna
(Director)
CERTIFICATE

This is to certify that KONDAPALLI NEELIMA, B.Tech(CSE), student of VSM College of Engineering, Ramachandrapuram, East Godavari, Andhra Pradesh with Reg No: 163B1A0546 has successfully completed her project work titled "ONLINE POLLING MANAGEMENT SYSTEM" as part of her course curriculum.

She has done this project using .NET during the period of 12th May 2019 to 16th June 2019 under the guidance and supervision of Mr. B. Rambabu, Sr. Software Engineer, Koushik Web Solutions Pvt. Ltd., Hyderabad.

She has completed the assigned project well within the time frame. She is sincere, hardworking and her conduct during her project is commendable.

We wish her all the best in her future endeavors.

For Koushik Web Solutions Pvt. Ltd.,
[Signature]
Project Guide.
Date: 30/06/2019.
Kakinada.

CERTIFICATE

This is to Certify that the student with the name Mr. KAMJULA NAVEEN SITARAMULU has successfully completed the INTERNSHIP in “.NET” as part of course curriculum in our organization.

This person has done the Internship program on developing web based applications using .NET technology during the period May 8th 2019 to June 29th 2019, under the guidance and supervision of K.Rajendra Krishna, Training Guide, for Krishna Techno Services, Kakinada.

This person completed the assigned course well within the time frame. He is sincere, hardworking and his conduct period is commendable.

We wish him all the best for future Endeavor.

For Krishna Techno Services,

Rajendra Krishna
(Director)
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. KOORATI MERY D/o Sri. K. VENKATESWAR RAO Enrollment No: 163B1A0547 course BACHELOR OF ENGINEERING - CSE - semester III-2, student of VSM COLLEGE OF ENGINEERING, Ramachandrapuram, has successfully completed the INTERNSHIP titled EMPLOYEE DIABETIC LOCKING SYSTEM in MEDICAL DEPARTMENT, SOUTH CENTRAL RAILWAY, VIJAYAWADA from 10TH May '2019 to 10TH Jun '2019.

During the tenure of her internship, her conduct and contribution have been GOOD.

We wish her all the best and success.

Sudhansu Varsh
SECRETARY
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION [Regd.]
VIJAYAWADA.

S.N.V. Sarath
PRESIDENT
SOUTH CENTRAL RAILWAY
WOMEN'S WELFARE ORGANISATION [Regd.]
VIJAYAWADA.
CERTIFICATE

This is to certify that Kappaju Rajarajeswari Studying 3rd year Computer Science Engineering (CSE) in VSM college of Engineering, Ramachandrapuram, has successfully completed her Internship Training in “Core java” in our organization from 10th May, 2019 to 10th June, 2019.

During the training period the above student is found punctual and hardworking. We wish her good luck for her future endeavours.

Thanks & Regards,

K. Madh

Managing Director,

Next Generation Engineers,

Kakinada.
Date: 30/06/2019, Kakinada.

CERTIFICATE

This is to Certify that the student with the name Mr. KOVVURI MOHAN SANTOSH DURGA REDDY has successfully completed the INTERNSHIP in “.NET” as part of course curriculum in our organization.

This person has done the internship program on developing web based applications using .NET technology during the period May 8th 2019 to June 20th 2019, under the guidance and supervision of K. Rajendra Krishna, Training Guide, for Krishna Techno Services, Kakinada.

This person completed the assigned course well within the time frame. He is sincere, hardworking and his conduct period is commendable.

We wish him all the best for future Endeavor.

For Krishna Techno Services,

Rajendra Krishna
(Director)
CERTIFICATE

Date: 15th June, 2019

This is to certify that the student with the name Mr./Ms. K. Emale Angel has successfully completed the INTERNSHIP in "Python" as part of live project in our organization.

This person has successfully completed the internship program on developing Web based applications using Python technology during the period from 14th May 2019 to 14th June 2019, under the guidance and supervision of Mr. P Ranjith Kumar from Hi-Techsters IT Services Private Limited, Gachibowli, Hyderabad.

This person has completed the assigned topic and tasks within the time frame. We noticed that this person is sincere and hardworking during the internship period.

We wish him/her all the best for his/her future endeavours.

For Hi-Techsters IT Services Private Limited

[Signature]
Naveen Sridhar
Director
Date: 30/06/2019,
Kakinada.

CERTIFICATE

This is to certify that the student with the name Ms. LANKA LAKSHMI DURGA has successfully completed the INTERNSHIP in " .NET " as part of course curriculum in our organization.

This person has done the Internship program on developing web based applications using .NET technology during the period May 8Th 2019 to June 29Th 2019, under the guidance and supervision of K. Rajendra Krishna, Training Guide, for Krishna Techno Services, Kakinada.

This person has completed the assigned course well within the time frame. She is sincere, hardworking, and her conduct period is commendable.

We wish her all the best for future endeavors.

For Krishna Techno Services,

Rajendra Krishna
(Director)
TO WHOM IT MAY CONCERN

CERTIFICATE

This is to certify that Lakka Krishna, a student of Visvesvaraya Institute of Technology, has successfully completed a summer internship in the Field of Data Science from 15/1/19 to 29/1/19 under the guidance of Prof. Kuman.

During the period of his internship program with us, he was punctual, hard-working, and inquisitive. His conduct was found to be Very Good.

We wish him very success in his life and career.

Place: Kakinada

Date: 15/1/19

Managing Director

EGSTWAY IT SOLUTIONS
Sai Pramila Apartments
Backside of Ulavacharu Restaurant, Nagamallithota Junction, Kakinada, East Godavari, Andhra Pradesh - 533003.

Address: Sai Pramila Apartments, Backside of Ulavacharu Restaurant, Nagamallithota Junction, Kakinada, East Godavari, Andhra Pradesh - 533003.