

A STUDY ON
“CAPITAL BUDGETING”
WITH REFERENCE TO
**CHODAVARAM CO-OPERATIVE SUGAR Ltd. GOVADA,
VISAKHAPATNAM**

A Project report submitted to Jawaharlal Nehru Technological University,
Kakinada, In partial fulfilment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

B.TULASI

Reg.no.18U41E0001

Under the Esteemed Guidance of

MR.A.KIRAN KUMAR
ASSOCIATE PROFESSOR

Department of Management Studies



DADI INSTITUTE OF ENGINEERING TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi &Affiliated to JNTU, Kakinada)

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Institution**

NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2018-2020

PAN No. AAAAT 4375 N
GSTIN : 37AAAAT4375N1ZX

Email id :ccslgovada@yahoo.com
Grams : COOPSUGARS, GOVADA-531023.
Phone : STD 08934 : 245140/245158 (Office)
M.D's : 245127 (O), 245035 (R)
Fax No. : 245038
President's Office : 245156

THE CHODAVARAM CO-OPERATIVE SUGARS LIMITED
No. B.1109, GOVADA - 531023.

Chodavaram (Mandal), Anakapalle Rly. Stn. Visakhapatnam Dist., (A.P.)
Sri V.Vinay Chand, I.A.S. Sri V.S.Naidu, B.Sc., MBA., AVSI (Tech).
Dist.Collector/Person In Charge

MANAGING DIRECTOR

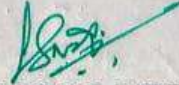
Ref No : RC.A.D/ 6 /2019-20

Date 20-12-2019

CERTIFICATE

This is to certify that Kum. B.Tulasi, a student of M.B.A. from Dadi Institute of Engineering & technology, Visakhapatnam, has carried out her project work on the subject of "CAPITAL BUDGETING" for a period of 45 days from 18-06-2019 to 02-08-2019 in this Organization.

During the period of project work her conduct and character are found to be satisfactory.



MANAGING DIRECTOR

*The Chodavaram Co-operative
Sugars Limited No. 1109
GOVADA-531 023, Visakha Dist.
Chodavaram Mandal, Andhra Pradesh*



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& TECHNOLOGY**

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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “-CAPITALBUDGETING” with SUGARS LIMITED GOVADA VISHAKAPATNAM is a bonafide work carried out by B.TULASI(18U41E0001), in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **MR.A.KIRAN KUMAR** during the academic year (2019-20). This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

A.KIRAN KUMAR
ASSOC. PROFESSOR
PROJECT GUIDE

Dr.RAM KUMAR P.B
PROFESSOR
HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON

“OVER VIEW OF HR PRACTICES”

WITH REFERENCE TO

“RASHTRIYA ISPAT NIGAM LIMITED STEEL PLANT”

A Project report submitted to Jawaharlal Nehru Technological University, Kakinada, In partial fulfilment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

B.GOPI

Reg.no.18U41E0003

Under the Esteemed Guidance of

Mrs. N. USHA RANI

Assistant Professor

Department of Management Studies



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NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2018-2020

Rashtriya Ispat Nigam Limited



Visakhapatnam Steel Plant
Visakhapatnam

MANAGEMENT DEVELOPMENT



This is to certify that the following student has undergone Project Work / Training at Visakhapatnam Steel Plant

Name of the Student : BETHALA GOPI
Regd./Trainee No : HR-264
Course : M.B.A
Name of the Institute : DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, VISAKHAPATNAM.
Project Topic : A STUDY ON "OVERVIEW OF HR PRACTICES" IN RINL VSP
Period of Training : 17/06/2019 TO 13/07/2019

His/Her conduct during the period of training was found to be

GOOD

VISAKHAPATNAM

Date 13/07/2019

Dr. J. R. M. RAO
Asst. General Manager (ML)
Student Training
Visakhapatnam-530 031





DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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Certified Institution**

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “A PROJECT REPORT ON OVER VIEW OF HR PRACTICES” with reference to RASHTRIYA ISPAT NIGAM LIMITED, VISAKHAPATNAM STEEL PLANT is a Bonafede work carried out by B.GOPI (18U41E0003), in partial fulfilment of the Requirement for the award of the degree of MASTER OF BUSINESS ADMINISTRATION under the guidance of Dr. PB. RAMAKUMAR, Associate Professor & HOD during the academic year 2018-20. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

**Mrs. N. USHA RANI
ASSISTANT PROFESSOR
PROJECT GUIDE**

**Dr. RAMA KUMAR P.B
PROFESSOR
HEAD OF THE DEPARTMENT**

EXTERNAL EXAMINER

A STUDY ON
STRESS MANAGEMENT
WITH REFERENCE TO
BRANDIX APPAREL INDIA PVT LTD ATCHUTHAPURAM,

A Project report submitted to Jawaharlal Nehru Technological University,
Kakinada, In partial fulfilment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

D.SURESH BABU

Reg.no.18U41E0004

Under the Esteemed Guidance of

DR.P.B. RAMA KUMAR

M.COM, MBA, DEE, PGDCA, PH. D

PROFESSOR AND HOD

Department of Management Studies



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**NAAC ACCREDITED INSTITUTE ISO 9001:2008; ISO 14001:2004 & OHSAS
18001:2007 Certified Institution NH-5, Anakapalle-531002, Visakhapatnam,
A.P.**

2018-2020



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ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified
Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “**STRESS MANAGEMENT**” with reference to **BRANDIX APPAREL INDIA PVT LTD ATCHUTHAPURAM** is a bonafide work carried out by **D.SURESH BABU** (18U41E0004), in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **DR.P.B.RAMA KUMAR Professor &HOD** during the academic year 2018-20. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Dr. RAMA KUMAR P.B

PROFESSOR

PROJECT GUIDE

Dr. RAMA KUMAR P.B

PROFESSOR

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER



Brandix Apparel India (Pvt) Ltd.,

Postal Address :

Unit -II, Plot # C (Part), BIACPL, SEZ,
Pudimadaka Road, Alchuthapuram Mandal,
Visakhapatnam - 531 011, A.P., India.
info@brandix.com
www.brandix.com

Group Head Office

409, Galle Road, Colombo 3, Sri Lanka.
Reg No.: PB 185

MLGP/LPT/HR/395

Dt. 22.07.2019

CERTIFICATE

This is certify that **Mr.D.SURESH** Reg No.18U41E0004 student of **MBA(HR)** department of management studies, **Dadi institute of Engineering & technology Anakapalli Vishakhapatnam**. He undergone project work in "**STRESS MANAGEMENT**" from **11.06.2019** to **20.07.2019** as partial fulfillment of his course

During the period, He has evinced keen interest on the above project work.



Authorized signature

A STUDY ON
“WELFARE MEASURES”
WITH REFERENCE TO
“COROMANDEL INTERNATIONAL LIMITED”

A Project report submitted to Jawaharlal Nehru Technological
University, Kakinada,

In partial fulfillment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by
D.HARIKA
Reg.no.18U41E0005

Under the Esteemed Guidance of

Dr.P.B.RAMA KUMAR

Professor & Head
Department of Management Studies



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
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Certified Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2018-2020



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18001:2007 Certified Institution**

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “**WELFARE MEASURES**” with reference to **COROMANDEL INTERNATIONAL LIMITED** is a bonafide work carried out by **DODDI HARIKA** (18U41E0005), in partial fulfillment of the requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **Dr.P.B. RAMA KUMAR** Professor and Head of the Department during the academic year 2018-2020.

This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Dr.P.B.RAMA KUMAR
PROJECT GUIDE

Dr.P.B. RAMA KUMAR
Head of the Department

EXTERNAL EXAMINER

A STUDY ON
“FINANCIAL PERFORMANCE & STATEMENTS”
WITH REFERENCE TO
**VISAKHAPATNAM STEEL
PLANT, VISAKHAPATNAM**

A Project report submitted to Jawaharlal Nehru Technological
University, Kakinada, In partial fulfilment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

G.JYOTHI VARA PRASAD

Reg.no.18U41E0006

Under the Esteemed Guidance of

Mr.A.KIRAN KUMAR

MBA

Associate Professor



Department of Management Studies

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2018-2020

Rashtriya Ispat Nigam Limited



Visakhapatnam Steel Plant
Visakhapatnam

MANAGEMENT DEVELOPMENT



This is to certify that the following student has undergone Project Work / Training at Visakhapatnam Steel Plant

Name of the Student : GAIPURI JYOTHI VARA PRASAD

Regd./Trainee No : FIN-165

Course : M.B.A.

Name of the Institute : DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLI

Project Topic : A Study on "FINANCIAL PERFORMANCE & STATEMENTS" IN RINL VSP

Period of Training : 17/06/2019 TO 13/07/2019

His/Her conduct during the period of training was found to be

GOOD

VISAKHAPATNAM

Date 13/07/2019

Dr. O. R. M. Rao
Felicitor
Asst. General Manager (HRD)
RINL, Visakhapatnam Steel Plant
Visakhapatnam - 531 001





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ACCREDITED INSTITUTE

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NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “FINANCIAL STATEMENTS & PERFORMANCE” with reference to VISAKHAPATNAM STEEL PLANT is a bonafide work carried out by G.JYOTHI VARA PRASAD (18U41E0006), in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of Mr.A.KIRAN KUMAR, **Associate Professor** during the academic year 2018-20. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Mr.A.KIRAN KUMAR
ASSOCIATE PROFESSOR
PROJECT GUIDE

Dr.RAMAKUMAR.P.B
PROFESSOR
HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON
“WELFARE AMENITIES”

WITH REFERENCE TO
**VISAKHAPATNAM STEEL PLANT,
VISAKHAPATNAM.**

A Project report submitted to Jawaharlal Nehru Technological University, Kakinada,
in partial fulfillment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION
Submitted by

G.POORNIMA

Reg.no:18U41E0007

Under the Esteemed Guidance of

Dr. P. B. RAM KUMAR

M.COM, MBA, DEE, PGDCA, PH.D

HOD AND PROFESSOR

Department of Management Studies



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NH-5, Anakapalle-531002, Visakhapatnam, A.P. 2020



Visakhapatnam Steel Plant
Visakhapatnam

MANAGEMENT DEVELOPMENT



This is to certify that the following student has undergone Project Work / Training at Visakhapatnam Steel Plant

Name of the Student : G.POORNIMA

Regd./Trainee No : HR-263

Course : M.B.A.

Name of the Institute : DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLI

Project Topic : A Study on "WELFARE AMENITIES" IN RINL VSP

Period of Training : 17/06/2019 TO 13/07/2019

His/Her conduct during the period of training was found to be

GOOD

VISAKHAPATNAM

Date 13/07/2019

Dr. C. R. M. Rao
Asst. General Manager (MU)
RINL, Visakhapatnam Steel Plant
Visakhapatnam-530 031

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
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NH-5, Anakapalle-531002, Visakhapatnam, A.P.



CERTIFICATE

This is to certify that the Project work entitled “**WELFARE AMENITIES**” with reference to **VISAKHAPATNAM STEEL PLANT** is a bonafide work carried out by **G.POORNIMA (18U41E0007)**, in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **Dr. P. B. RAM KUMAR, HOD AND PROFESSOR** during the academic year 2018-20. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Dr. P. B. RAM KUMAR

PROFESSOR

PROJECT GUIDE

Dr. P. B. RAM KUMAR

PROFESSOR

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON
“HUMAN RESOURCE DEVELOPMENT”

WITH REFERENCE TO
RASHTRIYA ISPAT NIGAM LIMITED, VISAKHAPTNAM

A Project report submitted to Jawaharlal Nehru Technological University,
Kakinada, In partial fulfillment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

G. VINOD
Reg.no.18U41E0008

Under the Esteemed Guidance of

Dr. P. B. RAM KUMAR
M.Com, MBA, DEE, PGDCA, Ph. D

Professor and HOD
Department of Management Studies



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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2018 - 2020

Rashtriya Ispat Nigam Limited



Visakhapatnam Steel Plant
Visakhapatnam

MANAGEMENT DEVELOPMENT



This is to certify that the following student has undergone Project Work / Training at Visakhapatnam Steel Plant

Name of the Student : G.VINOD
Regd./Trainee No : HR-281
Course : M.B.A
Name of the Institute : DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLE
Project Topic : A STUDY ON "HUMAN RESOURCE DEVELOPMENT" IN RINL VSP
Period of Training : 24/06/2019 TO 20/07/2019

His/Her conduct during the period of training was found to be
GOOD

VISAKHAPATNAM
Date 20/09/2019

श्री.ओ.ए.ए. राव जी.ए.एम. राव
सहायक महा प्रबंधक एम.डी.
Asst. General Manager (M/D)
आर.ओ.ए.ए. राव जी.ए.एम. राव
RINL, Visakhapatnam Steel Plant
विशाखपट्टणम्
AGM(HRD)



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Certified Institute**

NH-5, ANAKAPALLE-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the project work entitled “**A STUDY OF HUMAN RESOURCE DEVELOPMENT**” with reference to **RASHTRIYA ISPAT NIGAM LIMITED, VISAKHAPATNAM** is a bonafied work done and submitted by **G. VINOD (18U41E0008) DADI INST OF ENG & TECH**, in partial fulfillment of the requirements for the award of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of Dr. P. B. RAM KUMAR Professor and HOD during the academic year 2018-20.

This Project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Dr. P. B. RAM KUMAR

PROFESSOR

PROJECT GUIDE

Dr. P.B.RAM KUMAR

PROFESSOR and HOD

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON

“PERFORMANCE APPRAISAL”

WITH REFERENCE TO

GOVADA SUGAR FACTORY LIMITED

A Project report submitted to Jawaharlal Nehru Technological University,
Kakinada, In partial fulfilment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

K. KARUNA KUMAR

Reg.no.18U41E0009

Under the Esteemed Guidance of

N.USHA RANI

ASSISTANT PROFESSOR

Department of Management Studies



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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P.

PAN No. AAAAT 4375 N
GSTIN : 37AAAAT4375N1ZX

Email id :ccslgovada@yahoo.com
Grams : COOPSUGARS, GOVADA-531023.
Phone : STD 08934 : 245140/245158 (Office)
M.D's : 245127 (O), 245035 (R)
Fax No. : 245038
President's Office : 245156

THE CHODAVARAM CO-OPERATIVE SUGARS LIMITED
No. B.1109, GOVADA - 531023.

Chodavaram (Mandal), Anakapalle Rly. Stn. Visakhapatnam Dist., (A.P.)

Sri V.Vinay Chand, I.A.S

Sri V.S.Naidu, B.Sc., MBA., AVSI (Tech),

Dist.Collector/Person In Charge

MANAGING DIRECTOR

Ref No : RC.A.D/ 6 /2019-20

Date 20-12-2019

CERTIFICATE

This is to certify that Mr. K.Karuna Kumar, a student of M.B.A. from Dadi Institute of Engineering & Technology, Visakhapatnam, has carried out his project work on the subject of "PERFORMANCE APPRAISAL" for a period of 45 days from 18-06-2019 to 02-08-2019 in this Organization.

During the period of project work his conduct and character are found to be satisfactory.


MANAGING DIRECTOR

*The Chodavaram Co-operative
Sugars Limited No. 1109
GOVADA-531 023, Visakha Dist.
Chodavaram Mandal, Andhra Pradesh*

2020

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Institution

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CERTIFICATE

This is to certify that the Project work entitled "PERFORMANCE APPRAISAL" with reference to GOVADA SUGAR FACTORY LIMETEDA bonified work carried out by K. KARUNA KUMAR(18U41E0009), in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **N.USHA RANI ASSISTANT PROFESSOR** during the academic year 2017-19. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

N.USHA RANI
ASST. PROFESSOR
PROJECT GUIDE

Dr. RAMU KUMAR P.B
PROFESSOR & HOD
HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON
“ORGANIZATION STRUCTURE”
WITH REFERENCE TO
RASHTRIYA ISPAT NIGAM LIMITED ,
VISAKHAPATNAM

A Project report submitted to Jawaharlal Nehru Technological University, Kakinada, In
partial fulfilment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by
K.NEELIMA RANI
Reg.no.18U41E0010

Under the Esteemed Guidance of
Mrs. N.USHA RANI
MBA
Assistant Professor
Department of Management Studies



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NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2020



Visakhapatnam Steel Plant
Visakhapatnam

MANAGEMENT DEVELOPMENT



This is to certify that the following student has undergone Project Work / Training at Visakhapatnam Steel Plant

Name of the Student : **K.NEELIMA RANI**
Regd./Trainee No : **HR - 1922**
Course : **M.B.A**
Name of the Institute : **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, VISAKHAPATNAM**
Project Topic : **A Project Report on "ORGANIZATIONAL STRUCTURE" IN RINL VSP**
Period of Training : **17/06/2019 TO 13/07/2019**

His/Her conduct during the period of training was found to be
GOOD

VISAKHAPATNAM
Date 13/07/2019

Dr. C. R. RAO
Genl. Manager (HR)
RINL, Visakhapatnam Steel Plant
RINL, Visakhapatnam-530 021

Felicitor
Dr. ORM Rao
AGM(HRD)



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY



(Approved by A.I.C.T.E & Affiliated to JNTU, Kakinada)

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NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “ Organization Structure” with reference Rashtriya Ispat Nigam Limited is a bonafide work carried out by K.NEELIMA RANI (18U41E0010), in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of Mr. N.USHA RANI, **Assistant Professor** during the academic year 2019-2020.

This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Mrs. N.USHA RANI

Assistant Professor

PROJECT GUIDE

Dr . RAMA KUMAR P.B

PROFESSOR

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON
“TRAINING AND DEVELOPMENT”

WITH REFERENCE TO

COROMANDEL INTERNATIONAL LTD, VISAKHAPATNAM

A Project report submitted to Jawaharlal Nehru Technological University,
Kakinada,

In partial fulfillment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

M. FAREEDA

Reg.No.18U41E0012

Under the Esteemed Guidance of

Dr. P. B. RAM KUMAR

M. COM, MBA, PGDCA, DEE, PH. D

PROFESSOR AND HOD

Department of Management Studies



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTU, Kakinada)

NAAC ACCREDITED INSTITUTE

ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution

NH-5, Anakapalli - 531002, Visakhapatnam, A.P.

2018 – 2020

Date: July 20, 2019

CERTIFICATE

This is to certify that **Ms.M.Fareeda (18U41E0012)**
(MBA-Human Resources) student of Dadi Institute of Engineering &
Technology, Anakapalle, Visakhapatnam, A.P, Pin No.:
531002, India. has pursued her Project Work on **Training
& Development** in our Organization between 11-Jun-2019 to
20-Jul-2019.

During the period she was found very hard working and
dedicated towards her work.

For Coromandel International Ltd.,



Anita Patnaik.V
Dy. Manager - L&D



Registration No : 665/2019-20



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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NAAC ACCREDITED INSTITUTE

ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified

Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “**TRAINING AND DEVELOPMENT**” with reference to **COROMANDEL INTERNATIONAL LIMITED, VISHAKAPATNAM** is a bonafide work carried out by **M. FAREEDA (18U41E0012)** , in partial fulfillment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **DR. P. B. RAM KUMAR , PROFESSOR AND HOD** during the academic year 2018-20. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Dr. P. B. RAM KUMAR

PROFESSOR

PROJECT GUIDE

Dr. P. B. RAM KUMAR

PROFESSOR

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON
“WELFARE MEASURES”
WITH REFERENCE TO
AUROBINDO PHARMA LIMITED, JNPC, PARAWADA

A Project report submitted to Jawaharlal Nehru Technological University,
Kakinada, In partial fulfilment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by
M.SRIDEVI
Reg.no.18U41E0013

Under the Esteemed Guidance of
Dr. P.B. RAMA KUMAR

PROFESSOR AND HOD
Department of Management Studies



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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2020



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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P.

CERTIFICATE

This is to certify that the Project work entitled “**WELFARE MEASURES**” with reference to **AUROBINDO PHARMA LIMITED** is a bonafide work carried out by **MEDAPATI SRIDEVI (18U41E0013)**, in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **Dr. P.B. RAMA KUMAR** during the academic year 2018-2020.

This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Dr. P.B. RAMA KUMAR

PROFESSOR

PROJECT GUIDE

Dr. P.B. RAMA KUMAR

PROFESSOR

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

Date: August 29, 2019

CERTIFICATE

This is to certify that **Medapati sridevi** (MBA-Human Resources)
Student of Dadi Institute of Engineering & Technology,
Anakapalle, Visakhapatnam, A,P. Pin No: 531002, India,
Has Pursued **Her** Internship on **Welfare Measures** in our
Organization between 11th June 2019 to 26th July 2019.

During the period she was found very hard working and dedicated
towards her work.

For Aurobindo pharma limited,



Swamy Ruthula,
Dy, Manager-HR.

AUROBINDO PHARMA LTD

Unit XV : Plot No. 17 Part, E-Bonangi Village, Jawaharlal Nehru Pharma City, Parawada Mandal, Visakhapatnam - District, AP, INDIA PIN-531021
Corp off.: The Water Mark Building, Plot No.11, Survey No.9, Hi-tech City, Kondapur, Hyderabad - 500 064 T.S., INDIA Tel : +91 40 6707 4059

PAN No. AABCA7366H

www.aurobindo.com

A STUDY ON
TRAINING AND DEVELOPMENT”
WITH REFERENCE TO
AUROBINDO PHARMA PVT LTD,PARAWADA

A Project report submitted to Jawaharlal Nehru Technological University,
Kakinada, In partial fulfilment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION
Submitted by

M.RAMYA SRI

Reg.no.18U41E0014

Under the Esteemed Guidance of

DR.P.B.RAMA KUMAR

M.COM, MBA, DEE, PGDCA, Ph.D

PROFESSOR AND HOD

Department of Management Studies



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by A.I.C.T.E, New Delhi &Affiliated to JNTU, Kakinada)
NAAC ACCREDITED INSTITUTE ISO 9001:2008; ISO 14001:2004 &
OHSAS 18001:2007 Certified Institution NH-5, Anakapalle-531002,
Visakhapatnam, A.P.

2018-2020



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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “**TRAINING AND DEVELOPMENT**” with reference to **AUROBINDO PHARMA PVT LTD PARAWADA** is a bonafide work carried out by **M.RAMYA SRI** (18U41E0014), in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **DR.P.B.RAMA KUMAR Professor & HOD** during the academic year 2018-20. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Dr. RAMA KUMAR P.B
PROFESSOR

PROJECT GUIDE

Dr. RAMA KUMAR P.B
PROFESSOR

HOD OF THE DEPARTMENT

EXTERNAL EXAMINER



Date: August 29, 2019

CERTIFICATE

This is to certify that **M. Ramyasri** (MBA-Human Resources)
Student of Dadi Institute of Engineering & Technology,
Anakapalle, Visakhapatnam, A.P. Pin No: 531002, India, Has
Pursued **Her** Internship on **Training & Development** in our
Organization between 11th June 2019 to 26th July 2019.

During the period she was found very hard working and dedicated
towards her work.

For Aurobindo pharma limited,


Swamy Ruthula,
Dy, Manager-HR.

AUROBINDO PHARMA LTD

Unit XV : Plot No. 17 Part, E-Bonangi Village, Jawaharlal Nehru Pharma City, Parawada Mandal, Visakhapatnam - District, AP, INDIA PIN-531021
Corp off.: The Water Mark Building, Plot No.11, Survey No.9, Hi-tech City, Kondapur, Hyderabad - 500 084 T.S., INDIA Tel : +91 40 6707 4059

No. AABCA7366H

www.aurobindo.com

A STUDY ON
“FUNDSFLOW STATEMENT”

WITH REFERENCE TO

COROMANDEL INTERNATIONAL LTD.

A Project report submitted to Jawaharlal Nehru Technological University,
Kakinada,

In partial fulfillment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

M. MOUNIKA

Reg.No.18U41E0015

Under the Esteemed Guidance of

Dr. P. B. RAM KUMAR

M. COM, MBA, DEE, PGDCA, Ph. D

PROFESSOR AND HEAD

Department of Management Studies



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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NAAC ACCREDITED INSTITUTE

ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution

NH-5, Anakapalli - 531002, Visakhapatnam, A.P.

2020

Date: August 3, 2019

CERTIFICATE

This is to certify that **Ms.M.Mounika (18U41E0015)** (MBA-Finance) student of Dadi Institute of Engineering & Technology), Anakapalle, Visakhapatnam, A.P, Pin No.: 531002, India. has pursued her Project Work on **Funds Flow Statement** in our Organization between 11-Jun-2019 to 26-Jul-2019.

During the period she was found very hard working and dedicated towards her work.

For Coromandel International Ltd.,

Anita Patnaik.V
Dy. Manager - L&D



Registration No : 668/2019-20



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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NAAC ACCREDITED INSTITUTE

ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified
Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “**FUNDSFLOW STATEMENT**” with reference to **COROMANDEL INTERNATIONAL LIMITED, VISHAKAPATNAM** is a bonafide work carried out by **M.MOUNIKA (18U41E0015)**, in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **DR. P. B. RAM KUMAR , PROFESSOR AND HEAD** during the academic year 2018-20. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Dr. P. B. RAM KUMAR

PROFESSOR

PROJECT GUIDE

Dr. P. B. RAMA KUMAR

PROFESSOR

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON
“PERFORMANCE APPRAISAL SYSTEM”
WITH REFERENCE TO
**VISAKHAPATNAM STEEL PLANT,
VISAKHAPATNAM**

A Project report submitted to Jawaharlal Nehru Technological University,
Kakinada, In partial fulfilment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by
N. SAI LAVANYA
Reg.no.18U41E0016

Under the Esteemed Guidance of
Mrs. N. USHA RANI
MBA(Ph.d)
Assistant Professor
Department of Management Studies



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
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ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified
Institution
NH-5, Anakapalle-531002, Visakhapatnam, A.P.
2018-2020



Visakhapatnam Steel Plant
Visakhapatnam

MANAGEMENT DEVELOPMENT

Certificate

This is to certify that the following student has undergone Project Work / Training at Visakhapatnam Steel Plant

Name of the Student : N.SAI LAVANYA
Regd./Trainee No : HR-262
Course : M.B.A.
Name of the Institute : DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, VISAKHAPATNAM.
Project Topic : A Study on "PERFORMANCE APPRAISAL" IN RINL VSP
Period of Training : 17/06/2019 TO 13/07/2019

His/Her conduct during the period of training was found to be

GOOD

VISAKHAPATNAM

Date 13/07/2019

Felicitor


M. M. RAO
सहायक / (M. M. Rao)
Asst. General Manager (ML)
आर आइ एन एल, विशाखपट्टणम इस्पात संयंत्र
RINL, Visakhapatnam Steel Plant,
विशाखपट्टणम-Visakhapatnam-530 031



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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NAAC ACCREDITED INSTITUTE

ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified
Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “PERFORMANCE APPRAISAL SYSTEM” with reference to VISAKHAPATNAM STEEL PLANT is a bonafide work carried out by

N. SAI LAVANYA (18U41E0016), in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of Mrs.N. USHA RANI, **Assistant Professor** during the academic year 2018-20.

This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Mrs. N.USHA RANI

ASSISTANT PROFESSOR

PROJECT GUIDE

Dr.RAMAKUMAR P.B

PROFESSOR

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON
“CORPORATE ACCOUNTING SYSTEM”

WITH REFERENCE TO
**VISAKHAPATNAM STEEL PLANT,
VISAKHAPATNAM**

A Project report submitted to Jawaharlal Nehru Technological University,
Kakinada, In partial fulfilment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

**N. MAHESH
Reg.no.18U41E0017**

Under the Esteemed Guidance of
Mr. A KIRAN KUMAR
Associate Professor
Department of Management Studies



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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ACCREDITED INSTITUTE

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NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2018-2020



Visakhapatnam Steel Plant
Visakhapatnam

MANAGEMENT DEVELOPMENT



This is to certify that the following student has undergone Project Work / Training at Visakhapatnam Steel Plant

Name of the Student : NANDARAPU MAHESH

Regd./Trainee No : FIN-184

Course : M.B.A.

Name of the Institute : DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLI

Project Topic : A Study on "CORPORATE ACCOUNTING SYSTEM" IN RINL VSP

Period of Training : 18/06/2019 TO 13/07/2019

His/Her conduct during the period of training was found to be

GOOD

VISAKHAPATNAM

Date ..13.07.2019

Dr. C. R. M. RAO
Asst. General Manager
RINL, Visakhapatnam
Dr. ORM Rao
AGM (HRD)
Visakhapatnam-031



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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ACCREDITED INSTITUTE

ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “CORPORATE ACCOUNTING SYSTEM” with reference to VISAKHAPATNAM STEEL PLANT is a bonafide work carried out by

N. MAHESH (18U41E0017), in partial fulfillment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of Mr. A KIRAN KUMAR, **Associate Professor** during the academic year 2018-20.

This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Mr. A KIRAN KUMAR
ASSOCIATE PROFESSOR
PROJECT GUIDE

Dr. RAMAKUMAR PB
PROFESSOR
HEAD OF THE DEPARTMENT

A STUDY ON
“FINANCIAL STATEMENT ANALYSIS”
WITH REFERENCE TO
COROMANDEL INTERNATIONAL LIMITED
VISAKHAPATNAM



This Major Project is submitted to JNTUK, Kakinada, In partial fulfilment of the requirement for the award of Degree of **MBA**



"MASTER OF BUSINESS ADMINISTRATION"

Submitted by
NEMANI VENKATA SAI DEEPAK
Reg.no.18U41E0018

Under the Esteemed Guidance of
Prof.Dr.P.B.RAMAKUMAR
PROFESSOR AND HOD
Dept of management studies



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
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NAAC ACCREDITED INSTITUTION
ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified
Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P.

(2018 - 2020)

Date: August 17, 2019

CERTIFICATE

This is to certify that **Mr.N.Venkata Sai Deepak** (MBA-Finance) student of Dadi Institute of Engineering & Technology), Anakapalle, Visakhapatnam, A.P, Pin No.: 531002, India. has pursued his Project Work on **Financial Statement Analysis** in our Organization between 13-Jun-2019 to 28-Jul-2019.

During the period he was found very hard working and dedicated towards his work.

For Coromandel International Ltd.,



Anita Patnaik.V
Dy. Manager - L&D



Registration No. : 738/2019-20



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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NAAC ACCREDITED INSTITUTE

ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “**A PROJECT REPORT ON FINANCIAL STATEMENT ANALYSIS** ” with reference to “ **COROMANDEL INTERNATIONAL LIMITED** ” at Visakhapatnam is a bonafide work carried out by **NEMANI VENKATA SAI DEEPAK** (18U41E0018), in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **Dr. P.B. RAMA KUMAR HOD & PROFESSOR** Department of Management Studies, Diet college, Anakapalle.

This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Prof.Dr.P.B.RAMAKUMAR
PROFESSOR & HOD
PROJECT GUIDE

Prof.Dr.P.B.RAMAKUMAR
PROFESSOR & HOD
DEPT OF MANAGEMENT STUDIES

EXTERNAL EXAMINER

A STUDY ON
“CAPITAL BUDGETING”
WITH REFERENCE TO
VISAKHAPATNAM PORT TRUST



A Project report submitted to Jawaharlal Nehru Technological University, Kakinada,
In partial fulfillment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

P.KASHYAP SAINADH

Reg.no.18U41E0020

Under the Esteemed Guidance of

Dr. P.B. RAM KUMAR

MBA,M.com,DEE,PGDAC,Ph.D

PROFESSOR & HOD

Department of Management Studies



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2018 -20



ISO 9001, ISO 14001 OHSAS - 18001 :: ISPS PORT

विशाखपट्टणम पोर्ट ट्रस्ट
VISA KHAPATNAM PORT TRUST



No. IGAD/D/Project /2019

Dt. 21.08.2019

CERTIFICATE

This is to certify that **Mr. P. KASHYAP SAINADH**, MBA (Finance) Student in Dadi Institute of Engineering and Technology, Anakapalli has successfully completed his Project work in the field of **“CAPITAL BUDGETING”** in Accounts Department of Visakhapatnam Port Trust from 07.07.2019 to 17.08.2019.

His performance and conduct during the said period is **“GOOD”**.


21/8/19
For SECRETARY

सचिव /SECRETARY
विशाखपट्टणम पोर्ट ट्रस्ट
Visakhapatnam Port Trust
विशाखपट्टणम-530 035
Visakhapatnam -530 035

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(Approved by A.I.C.T.E & Affiliated to JNTU, Kakinada)

NAAC ACCREDITED INSTITUTE

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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P



CERTIFICATE

This is to certify that the Project work entitled “CAPITAL BUDGETING” with reference to “**VISAKHAPATNAM PORT TRUST**” is bonafide work carried out by **P.KASHYAPSAINADH** (18U41E0020), in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **Dr. P.B.RAM KUMAR PROFESSOR & HOD** during the academic year 2018-20.

This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Dr. P. B. RAM KUMAR
PROFESSOR & HOD
PROJECT GUIDE

Dr. P.B. RAM KUMAR
PROFESSOR & HOD
HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON
“TRAINING AND DEVELOPMENT”
WITH REFERENCE TO
RASHTRIYA ISPAT NIGAM LIMITED VISAKHAPATNAM

A Project report submitted to Jawaharlal Nehru Technological University,
Kakinada, In partial fulfillment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

P.KAVYA MOUNIKA

Reg.no.18U41E0021

Under the Esteemed Guidance of

Ms. N.USHA RANI

MBA(P.hd)

ASSISTANT PROFESSOR

Department of Management Studies



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi &Affiliated to JNTU, Kakinada)

NAAC ACCREDITED INSTITUTE

ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified

Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2020

Rashtriya Ispat Nigam Limited



Visakhapatnam Steel Plant
Visakhapatnam

MANAGEMENT DEVELOPMENT



This is to certify that the following student has undergone Project Work / Training at Visakhapatnam Steel Plant

Name of the Student : **P.KAVYA MOUNIKA**
Regd./Trainee No : **HR-260**
Course : **M.B.A.**
Name of the Institute : **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLI**
Project Topic : **A Study on "TRAINING & DEVELOPMENT" IN RINL VSP**
Period of Training : **17/06/2019 TO 13/07/2019**

His/Her conduct during the period of training was found to be
GOOD

VISAKHAPATNAM
Date 13/07/2019


P. G. RAO
Asst. General Manager
RINL, Visakhapatnam Steel Plant
विशाखपट्टणम-Visakhapatnam-530 031

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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NAAC ACCREDITED INSTITUTE

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NH-5, Anakapalle-531002, Visakhapatnam, A.P



CERTIFICATE

This is to certify that the Project work entitled “TRAINING AND DEVELOPMENT” with reference to VISAKHAPATNAM STEEL PLANT is a bonafide work carried out by P.KAVYA MOUNIKA (18U41E0021), in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **Ms. N.USHA RANI ASSISTANT PROFESSOR** during the academic year 2018-20. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Ms.N.USHA RANI
ASST. PROFESSOR
PROJECT GUIDE

Dr. RAMA KUMAR P.B
PROFESSOR & HOD
HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON
“PERFORMANCE APPRAISAL”
WITH REFERENCE TO
COROMANDAL INTERNATIONAL LTD, VISAKHAPATNAM

A Project report submitted to Jawaharlal Nehru Technological University, Kakinada, In partial fulfilment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

P.MANASA

Reg.no.18U41E0022

Under the Esteemed Guidance of

N.USHA RANI

MBA

ASSISTANT PROFESSOR

Department of Management Studies



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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NAAC ACCREDITED INSTITUTE

ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2018-2020

Date: July 20, 2019

CERTIFICATE

This is to certify that **Ms.P.Manasa (18U41E0022)** (MBA-Human Resources) student of Dadi Institute of Engineering & Technology, Anakapalle, Visakhapatnam, A.P, Pin No.: 531002, India. has pursued her Project Work on **Performance Appraisal** in our Organization between 11-Jun-2019 to 20-Jul-2019.

During the period she was found very hard working and dedicated towards her work.

For Coromandel International Ltd.,


Anita Patnaik.V
Dy. Manager - L&D



Registration No. : 566/2019-20



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to JNTU, Kakinada)

NAAC ACCREDITED INSTITUTE

ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified
Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “**PERFORMANCE APPRAISEL**” with reference to COROMANDEL is a bonafide work carried out By **P.MANASA (18U41E0022)**, in partial fulfillment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **N.USHA RANI ASSISTANT PROFESSOR** during the academic year 2018-20. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

N.USHA RANI
ASST. PROFESSOR
PROJECT GUIDE

Dr. RAMA KUMAR P.B
PROFESSOR & HOD
HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON
“PERFORMANCE APPRAISAL”
WITH REFERENCE TO
AUROBINDO PHARMA LTD, PARAWADA.

A Project report submitted to Jawaharlal Nehru Technological University, Kakinada,
In partial fulfillment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

P. AKHILA

Reg.No.18U41E0023

Under the Esteemed Guidance of

Dr. P. B. RAMA KUMAR

M. COM, MBA, DEE, PGDCA, Ph. D

HEAD OF THE DEPARTMENT

Department of Management Studies



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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NH-5, Anakapalli - 531002, Visakhapatnam, A.P.

2018 – 2020



Date: 04-12-2019

CERTIFICATE

This is to certify that **Ms. P. AKHILA** student of Dadi Institute of Engineering & Technology, Anakapalli has Completed "**Performance Appraisal**" Project in Human Resource department at our Unit 14 situated at Plot No: 17, JNPC, Parawada – Mandal, Visakhapatnam-Dist., from **11-06-2019** to **26-07-2019**. During the Project period her Performance & Conduct are found to be good.

For AUROBINDO PHARMA LTD.


R.V.V.L.S.N Swamy
Dy. Manager – HR

AUROBINDO PHARMA LTD

Unit XIV, JNPC, Parawada (M), Visakhapatnam-District. - 530015, A.P., India Tel. +91 989624 235 180 / 191

Corp. off., The Water Mark Building, Plot No. 21, Survey No. 3, Hi-Tech City, Madhapur, Hyderabad - 500 084, T.S., INDIA. Tel. + 91 40 6672 5000 / 1200, Fax. + 91 40 6707 4059

PAN No.AABCA7369H

www.aurobindo.com

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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P.

CERTIFICATE

This is to certify that the Project work entitled “**PERFORMANCE APPRAISAL**” with reference to **AUROBINDO PHARMA LTD, PARAWADA, VISHAKAPATNAM** is a bonafide work carried out by **P. AKHILA (18U41E0023)**, in partial fulfillment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **Dr. P. B. RAMA KUMAR, HEAD AND PROFESSOR** during the academic year 2018-20. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Dr. P. B. RAMA KUMAR
PROFESSOR
PROJECT GUIDE

Dr. P. B. RAMA KUMAR
PROFESSOR
HEAD OF THE DEPARMENT

EXTERNAL EXAMINER

A STUDY ON
“WORKING CAPITAL MANAGEMENT”

WITH REFERENCE TO

COROMANDEL INTERNATIONAL LTD, VISAKHAPATNAM

A Project report submitted to Jawaharlal Nehru Technological University, Kakinada, In partial fulfillment for the Award of Degree of MASTER OF BUSINESS ADMINISTRATION



Submitted by

S.PARAMESWARI
Reg.no.18U41E0025

Under the Esteemed Guidance of

Dr. PB. RAM KUMAR

M.COM, MBA,DEE,PGDCA, Ph.D

Professor and HOD

DEPARTMENT OF MANAGEMENT STUDIES



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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NH-5, Anakapalle-531002, Visakhapatnam, A.P.2020

2018-2020



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Institution
NH-5, Anakapalle-531002, Visakhapatnam, A.P.2020

CERTIFICATE

This is to certify that the Project work entitled "WORKING CAPITAL MANAGEMENT" with reference to "CORAMANDEL INTERNATIONAL LTD, VISAKHAPATNAM" is a bonafide work carried out By S.Parameswari (18U41E0025), in partial fulfillment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **Dr.PB . RAM KUMAR, professor & HOD** during the academic year 2018-20. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Dr. RAM KUMAR P.B
PROFESSOR & HOD
PROJECT GUIDE

Dr. RAMA KUMAR P.B
PROFESSOR
HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

Date: July 27, 2019

CERTIFICATE

This is to certify that **Ms.S.Parameswari (Reg No:18U41E0025)** (MBA-Finance) student of Dadi Institute of Engineering & Technology), Anakapalle, Visakhapatnam, A.P, Pin No.: 531002, India. has pursued her Project Work on **Working Capital Management** in our Organization between 05-Jun-2019 to 20-Jul-2019.

During the period she was found very hard working and dedicated towards her work.

For Coromandel International Ltd.,



Anita Patnaik.V
Dy. Manager - L&D



Registration No : 615/2019-20

A STUDY ON
“RECRUITMENT AND SELECTION”
WITH REFERENCE TO
**GOVADA CO-OPERATIVE AGRICULTURAL & INDUSTRIAL SOCIETY
LIMITED, CHODAVARAM**

A Project report submitted to Jawaharlal Nehru Technological University, Kakinada, In
partial fulfilment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by
S.SURESH

Reg.no.18U41E0026

Under the Esteemed Guidance of
Mrs.N. USHA RANI

ASSISTANT PROFESSOR
Department of Management Studies



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NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2018-2020

PAN No. AAAAT 4375 N
GSTIN : 37AAAAT4375N1ZX

Email id :ccslgovada@yahoo.com
Grams : COOPSUGARS, GOVADA-531023.
Phone : STD 08934 : 245140/245158 (Office)
M.D's : 245127 (O), 245035 (R)
Fax No. : 245038
President's Office : 245156

THE CHODAVARAM CO-OPERATIVE SUGARS LIMITED
No. B.1109, GOVADA - 531023.

Chodavaram (Mandal), Anakapalle Rly. Stn. Visakhapatnam Dist., (A.P.)

Sri V.Vinay Chand, I.A.S

Sri V.S.Naidu, B.Sc., MBA., AVSI (Tech),

Dist.Collector/Person In Charge

MANAGING DIRECTOR

ASTA

Ref No :.....RC:A:D/6/2019-20

Date 20-12-2019.....

CERTIFICATE

This is to certify that Mr. S.Suresh, a student of M.B.A. from Dadi Institute of Engineering & Technology, Visakhapatnam, has carried out his project work on the subject of "RECRUITMENT AND SELECTION" for a period of 45 days from 18-06-2019 to 02-08-2019 in this Organization.

During the period of project work his conduct and character are found to be satisfactory.


MANAGING DIRECTOR

*The Chodavaram Co-operative
Sugars Limited No. 1109
GOVADA-531 023, Visakha Dist.
Chodavaram Mandal, Andhra Pradesh*



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NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "RECRUITMENT AND SELECTION" with reference to **GOVADA CO-OPERATIVE SUGARS LIMITED** is a bonafide work carried out by **S.SURESH (18U41E0026)**, in partial fulfilment of the Requirement for the award of the degree **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **Mrs N.USHA RANI** Senior Assistant professor during the academic year 2018-2020. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Mrs.N.USHA RANI
ASSISTANT PROFESSOR

Dr.P.B.RAMA KUMAR
EXTERNAL EXAMINER

A STUDY ON

“ABSENTEEISM OF WORKMEN”

WITH REFERENCE TO

QUANTUM CLOTHING INDIA PVT. LTD. (BRANDIX)

A Project report submitted to Jawaharlal Nehru Technological University,
Kakinada,

In partial fulfillment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

S. MOHANA PRIYA

Reg.No.18U41E0028

Under the Esteemed Guidance of

Mrs. N. USHA RANI

ASST. PROFESSOR

Department of Management Studies



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NH-5, Anakapalli - 531002, Visakhapatnam, A.P.

(2018 - 2020)



TO WHOM IT MAY CONCERN

This to certify that S Mohana Priya D/o. N Subramani of MBA (HR) Dadi Institute of Engineering & Technology, Anakapalli Affiliated under Jawaharlal Nehru Technological University, Kakinada has successfully completed her project in “**ABSENTEEISM OF WORKMEN**” for 45 Days from 11-Jun-2019 To 25-Jul-2019 internship Program at Quantum. During the period of her internship program with us she was found very punctual and hard working.

We wish her all success in future endeavor.

For Quantum Clothing India Pvt Limited.


Authorized Signatory.





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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “**ABSENTEEISM OF WORKMEN**” with reference to **QUANTUM CLOTHING INDIA PVT. LTD., VISHAKAPATNAM** is a bonafide work carried out by **S. MOHANA PRIYA (18U41E0028)**, in partial fulfilment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **Mrs. N. USHA RANI**, ASST. PROFESSOR during the academic year 2018-20. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Mrs. N. USHA RANI
ASST. PROFESSOR

PROJECT GUIDE

Dr. P. B. RAMA KUMAR
PROFESSOR

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON

“INVENTORY MANAGEMENT”

WITH REFERENCE TO

COROMANDEL INTERNATIONAL LTD, VISAKHAPATNAM

A Project report submitted to Jawaharlal Nehru Technological University, Kakinada,

In partial fulfillment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION

Submitted by

V. RAMANI

Reg.No.18U41E0030

Under the Esteemed Guidance of

Dr. P. B. RAM KUMAR

M. COM, MBA, DEE, PGDCA, PH. D

PROFESSOR AND HOD

Department of Management Studies



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NH-5, Anakapalli - 531002, Visakhapatnam, A.P.

2018 - 2020

Date: August 3, 2019

CERTIFICATE

This is to certify that **Ms.V.Ramani (Reg No:18U41E0030)** (MBA-Finance) student of Dadi Institute of Engineering & Technology), Anakapalle, Visakhapatnam, A.P, Pin No.: 531002, India. has pursued her Project Work on **Inventory Management** in our Organization between 05-Jun-2019 to 20-Jul-2019.

During the period she was found very hard working and dedicated towards her work.

For Coromandel International Ltd.,



Anita Patnaik.V
Dy. Manager - L&D



Registration No : 616/2019-20



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NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “ **INVENTORY MANAGEMENT**” with reference to **COROMANDEL INTERNATIONAL LIMITED, VISHAKAPATNAM** is a bonafide work carried out by **V. RAMANI (18U41E0030)** , in partial fulfillment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of **DR. P. B. RAM KUMAR , HEAD AND PROFESSOR** during the academic year 2018-20. This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institute.

Dr. P. B. RAM KUMAR
PROFESSOR
PROJECT GUIDE

Dr. P. B. RAM KUMAR
PROFESSOR
HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

A STUDY ON
"Working capital Management "
WITH REFERENCE TO
Meenakshi Hatcheries Private Limited ,
VISAKHAPATNAM

A Project report submitted to Jawaharlal Nehru Technological University, Kakinada, In partial fulfillment for the Award of Degree of



MASTER OF BUSINESS ADMINISTRATION
Submitted by

A. KALPANA
Reg.no.18U41E0031

Under the Esteemed Guidance of

Mrs A. Kiran Kumar
ASSOCIATE PROFESSOR
Department of Management Studies



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NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2019



Cell : 9849113599

MEENAKSHI HATCHERIES PVT. LTD.

Off. : 50-24-12, T.P.T. Colony, Seethammadhara, Visakhapatnam - 530 013.

Hat : Yerramusalayyapalem, Kancheru Post, Bhogapuram Mandal, Vizianagaram Dist.

Date : 27-07-2019

CERTIFICATE

This is to certify that **Ms.A. Kalpana** (MBA - finance) Student of Dadi Institute of engineering and technology, Anakapalli, Visakhapatnam, A.P, Pin No : 531002, India. has pursued her Internship on **Working capital Management** in our Company between **11-6-2019 to 25-7-2019**.

During the period, her conduct is **GOOD** and dedicated towards her work.



For Meenakshi Hatcheries Pvt.Ltd.


Managing Director

For Meenakshi Hatcheries Private Ltd.

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NH-5, Anakapalle-531002, Visakhapatnam, A.P



CERTIFICATE

This is to certify that the Project work entitled "WORKING CAPITAL MANAGEMENT " with reference to MEENAKSHI HATCHERIES PRIVATE LIMITED, VISAKHAPATNAM is a bonafide work carried out by A.KALPANA (18U41E0031), in partial fulfillment of the Requirement for the award of the degree of **MASTER OF BUSINESS ADMINISTRATION** under the guidance of Mrs A. KIRAN KUMAR ASSOCIATE PROFESSOR during the academic year 2018-20.

This project work is original and not submitted earlier for the award of any degree/diploma or associate ship of any other University/Institution

Mrs A.KIRAN KUMAR
ASSOCIATE PROFESSOR
PROJECT GUIDE

DR.RAMA KUMAR P.B
PROFESSOR
HEAD OF THE DEPARTMENT

EXTERANAL EXAMINER

**AN EXPERIMENTAL STUDY ON SELF-HEALING
CONCRETE USING BACILLUS SUBTILIS**

*A Report submitted in partial fulfilment of the requirements for the
award of the Degree of*

BACHELOR OF TECHNOLOGY

in

CIVIL ENGINEERING

Submitted by

M.MADHURI -17U45A0127

P. NOOKARAJU - 17U45A0138

U. SONU KUMAR - 16U41A0111

S. JAGADEESH - 17U45A0142

J. YASWANTH - 17U45A0115

Under the Esteemed Guidance of

Mr. K. CHAITANYA *M.Tech.*

Assistant Professor, Department of Civil



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2016-2020

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NH-5, Anakapalle-531002, Visakhapatnam, A.P



CERTIFICATE

This is to certify that the Project work entitled "**AN EXPERIMENTAL STUDY ON SELF-HEALING CONCRETE USING BACILLUS SUBTILIS**" is an authentic work submitted by M. MADHURI (17U45A0127), P. NOOKARAJU (17U45A0138), U.SONU KUMAR (16U41A0111), S.JAGADEESH (17U45A0142), J.YASWANTH (17U45A0115) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in Civil Engineering from Diet College of Engineering during the academic year 2019-2020.

Mr. K. CHAITANYA

(ASSISTANT PROFESSOR)

(PROJECT GUIDE)

Dr. CH. KANNAM NAIDU

(PROFESSOR)

(HEAD OF THE DEPARTMENT)

Prof. K. V. S. G. Murali Krishna
EXTERNAL EXAMINER

**AN EXPERIMENTAL STUDY ON BEHAVIOUR OF
WARM MIX ASPHALT BY USING ZYCOTHERM**

*A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of*

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

G. Ramya	17U45A0111
S. Gayathri	17U45A0143
G. Gayatri	17U45A0114
S. Jagadeesh	17U45A0146
T. Bhanu Sekhar	17U45A0148

Under the Esteemed Guidance of
Mrs. K. MANOHARINI, M. Tech,

Assistant Professor,
Department of Civil Engineering



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
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NH-5, Anakapalle-531002, Visakhapatnam, A.P.

(2016-2020)



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Institution
NH-5, Anakapalle-531002, Visakhapatnam, A.P.

CERTIFICATE

This is to certify that the Project work entitled "**AN EXPERIMENTAL STUDY ON BEHAVIOUR OF WARM MIX ASPHALT BY USING ZYCOTHERM**" is a bonafied work done by G. RAMYA (17U45A0111), G. GAYATHRI (17U45A0143), G.GAYATRI (17U45A0114), S. JAGADEESH (17U45A0146), T. BHANUSEKHAR (17U45A0148) in partial fulfilment of the curriculum of **BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING** During the academic year 2019-2020.

Mrs. K. MANOHARINI, M. TECH,
(ASSISTANT PROFESSOR)

PROJECT GUIDE

Dr. CH. KANNAM NAIDU
(PROFESSOR)

HEAD OF THE DEPARTMENT

Prof. K.V. S.G. Murali Krishna
EXTERNAL EXAMINER

**STRENGTHENING AND COMPARATIVE STUDY OF RC
BEAMS USING GFRP WITH VARIOUS LAYERS**

A Project Report submitted in partial fulfilment of the requirements

for the award of the Degree of

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

J. S. N. D. BHAVANI	17U45A0116
M. VENKATA RAMANA	17U45A0131
M. KISHORE	17U45A0129
D. RAM CHANDU	17U45A0109
S. I. N. PHANEENDRA	16U41A0112

Under the Esteemed Guidance of

Mr B. SUDHEER KUMAR M.Tech, MISTE

Assistant Professor

Department of Civil Engineering



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NH-16, Anakapalle-531002, Visakhapatnam, A.P. www.diet.edu.in

2016 - 2020



CERTIFICATE

This is to certify that the Project work entitled "**Strengthening and Comparative Study of RC Beams Using GFRP with Various Layers**" is a bonafide work done by J. S. N. D. BHAVANI (17U45A0116), M. VENKATA RAMANA (17U45A0131), M. KISHORE (17U45A0129), D. RAM CHANDU (17U45A0109), S. I. N. PHANEENDRA (16U41A0112) in partial fulfilment of the curriculum of **Bachelor of Technology In Civil Engineering** During the academic year 2019-2020.

B. Sudheer

Mr B. SUDHEER KUMAR

(Asst. Professor)

(PROJECT GUIDE)

Ch. Kannam Naidu

Dr CH. KANNAM NAIDU

(Professor)

(HEAD OF THE DEPARTMENT)

Prof. K.V.S.G. Murali Krishna
EXTERNAL EXAMINER

**AN EXPERIMENTAL STUDY ON COST REDUCTION OF
BUILDING BY USING HOLLOW PANEL BOARDS**

*A Report submitted in partial fulfilment of the requirements for the
award of the Degree of*

BACHELOR OF TECHNOLOGY

in

CIVIL ENGINEERING

Submitted by

K.ROHINI RENUKA	(17U45A0123)
P.PARAMESWARI	(16U41A0108)
B.RAVI CHINNA	(17U45A0102)
K.RAJESH	(17U45A0122)
K.ANIL KUMAR	(16U41A0106)

Under the Esteemed Guidance of

Mr. N.RAMU M.Tech, AMIE, IA Engg

ASSISTANT PROFESSOR

DEPARTMENT OF CIVIL ENGINEERING



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NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2016-2020

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NH-5, Anakapalle-531002, Visakhapatnam, A. P



CERTIFICATE

This is to certify that the Project work entitled "**EXPERIMENTAL STUDY ON COST REDUCTION OF BUILDINGS BY USING HOLLOW PANEL BOARDS**" is being submitted by K.ROHINI RENUKA (17U45A0123), P.PARAMESWARI (16U41A0108), B.RAVICHINNA (17U45A0102), K.RAJESH (17U45A0122), K.ANIL KUMAR (16U41A0106) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in civil Engineering from Diet College of Engineering during the academic year 2019-2020.



Mr. N. RAMU

(ASSISTANT PROFESSOR)

(PROJECT GUIDE)



Dr. CH. KANNAM NAIDU

(PROFESSOR)

(HEAD OF THE DEPARTMENT)

Prof. K. V. S. G. Murali Krishna
EXTERNAL EXAMINER

**IMPROVING THE PROPERTIES OF AUTOCLAVED
AERATED BLOCKS BY ADDITION OF GLASS
FIBER**

**A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of**

BACHELOR OF TECHNOLOGY

in

CIVIL ENGINEERING

Submitted by

G. Nandini Priya	17U45A0113
S. SitaRam	17U45A0144
B.Tharun	17U45A0105
L.Anantha Babu	17U45A0124
A. Baba Ajay	17U45A0101

Under the Esteemed Guidance of
Mr.D.A.Ramacharyulu, M.Tech
Asst. Professor, Department of Civil



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTU, Kakinada)

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NH-5, Anakapalle-531002, Visakhapatnam, A.P.

2019-2020



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NAAC ACCREDITED INSTITUTE

ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified
Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P


CERTIFICATE

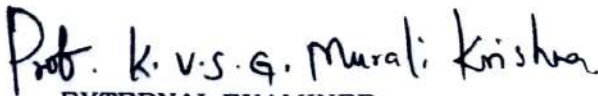
This is to certify that the project work entitled "IMPROVING THE PROPERTIES OF AUTOCLAVED AERATED BLOCKS BY ADDITION OF GLASS FIBER" is being submitted by

G. NANDINI PRIYA	(17U45A0113)
S. SITARAM	(17U45A0144)
B. TARUN	(17U45A0105)
L. ANANTHA BABU	(17U45A0124)
A. BABA AJAY	(17U45A0101)

in partial fulfilment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY for CIVIL ENGINEERING during the academic year 2019-20.


Mr.D.A.Ramacharyulu
(Assitant Professor)
(PROJECT GUIDE)


Dr.Ch.Kannam Naidu
(Professor)
(HEAD OF THE DEPARTMENT)


EXTERNAL EXAMINER

**AN EXPERIMENTAL STUDY ON REPLACEMENT FOR
AGGREGATE WITH E-WASTE AND SLAG IN
CONCRETE**

*A Report submitted in partial fulfilment of the requirements for the
award of the Degree of*

BACHELOR OF TECHNOLOGY

in

CIVIL ENGINEERING

Submitted by

M.GOVIND KRISHNA	17U45A0130
P.DEVI	17U45A0110
J. VANI	17U45A0117
P.GEETHANJALI	16U41A0116

Under the Esteemed Guidance of
Mrs. K.SANTHI
Assistant Professor
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2016-2020

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CERTIFICATE

This is to certify that the Project work entitled "**AN EXPERIMENTAL STUDY ON REPLACEMENT FOR AGGREGATE BY E-WASTE AND SLAG IN CONCRETE**" is a being submitted by M GOVIND KRISHNA (17U45A0130), P DEVI (17U45A0110), J VANI (17U45A0117), P GEETHANJALI (16U41A0116), in partial fulfilment of the Requirement for the award of the degree of Bachelor of Technology in CIVIL ENGINEERING during the academic year 2019-2020.

Mrs. K. SANTHI

(Assistant Professor)

(PROJECT GUIDE)

Dr .CH .KANNAM NAIDU

(Professor)

(HEAD OF THE DEPARTMENT)

Prof .K. V. S. G. Murali Krishna
EXTERNAL EXAMINER

**DEVELOPMENT OF DESIGN CHARTS FOR THE
IRREGULAR SLABS PATTERN**

**A Project Report submitted in partial fulfillment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY**

IN

CIVIL ENGINEERING

Submitted by

M. CHAKRAVARTHI	17U45A0126
B. HEMANTH KUMAR	17U45A0103
K. RAVI TEJA	17U45A0120
G. ASIRI NAIDU	17U45A0112
P.SURYA NARAYANA	17U45A0139

Under the Esteemed Guidance of
Mr. D.V.Shanmukesh M.E.,(Ph.D)
Assistant Professor, Department of civil engineering



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CERTIFICATE

This is to certify that the Project work entitled "DEVELOPMENT OF DESIGN CHARTS FOR THE IRREGULAR SLAB PATTERN" is a being submitted by M.CHAKRAVARTHI (17U45A0126), B.HEMANTH KUMAR (17U45A0103), K.RAVI TEJA (17U45A0120), G.ASIRI NAIDU (17U45A0112), P.SURYA NARAYANA (17U45A0139) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for CIVIL ENGINEERING during the academic year 2016-2020.

Mr.D.V.Shanmukesh M.E.,(Ph.D)

(ASSISTANT PROFESSOR)

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Dr.Ch.Kannam Kaidu

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(HEAD OF THE DEPARTMENT)

Prof. K. V. S. G. Murali Krishna
EXTERNAL EXAMINER

**STRENGTHENING OF CLAYEY SOILS BY USING
GEOGRIDS**

*A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of*

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

K. SANKAR SAI	17U45A0121
S. DURGA PRASAD	17U45A0141
S. JYOTHI	17U45A0147
K. SAMPATH KUMAR	17U45A0119
K. NARESH	16U41A0107

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This is to certify that the Project work "**AN EXPERIMENTAL STUDY ON STRENGTHENING OF CLAYEY SOILS BY USING GEOGRIDS**" is being submitted by K. SANKAR SAI (17U45A0121), S.DUGRA PRASAD (17U45A0141), S.JYOTHI (17U45A0147), K.SAMPATH KUMAR (17U45A0119), K.NARESH (16U41A0107) in partial fulfilment of the Requirement for the award of the degree of **BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING** during the academic year 2019-2020.

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Prof. K. V. S. G. Murali Krishna

EXTERNAL EXAMINER

**EXPERIMENTAL STUDY ON LIGHT
TRANSMITTED CONCRETE**

*A project report submitted in partial fulfilment of the
requirements for the award of the Degree of*

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

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P. SATEESH	17U45A0140
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Assistant Professor, Department of CIVIL



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18001:2007 Certified Institution

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CERTIFICATE

This is to certify that the project report entitled,
**"EXPERIMENTAL STUDY ON LIGHT TRANSMITTED
CONCRETE"** is being Submitted by P. HARIKA, CH. JAGADISH
LOVA SAI RAM, K. KARTHIK, P. SATEESH, P. ARUN KUMAR. In
partial fulfilment of the requirement for the award of the degree
of **BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING**
during the academic year 2019-2020.

M. Gupta

Mr. M.R.V.S.G.GUPTHA

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Ch. Kannam Naidu

Dr. CH.KANNAM NAIDU

(Professor)

(HEAD OF CIVIL DEPARTMENT)

Prof. K.V.S.G. Murali Krishna
EXTERNAL EXAMINER

**STORM WATER RUNOFF MANAGEMENT BY
USING PERVIOUS PAVEMENT**

*A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of*

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

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17U45A0125

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P.YAMINI SWETHA

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This is to certify that the Project work entitled "**STORM WATER RUNOFF MANAGEMENT BY USING PERVIOUS PAVEMENT**" is being

submitted by M.ANURADHA LAKSHMI (17U45A0125), CH. AMUKTHA MALYADA (16U41A0102), P. YAMINI SWETHA(17U45A0137), T. GANESH(17U45A0149), B. SANKAR(16U41A0101) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in Civil Engineering during the academic year 2019-20.



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Dr. CH. KANNAM NAIDU
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Prof. k.v.s.g. Murali Krishna
EXTERNAL EXAMINER

**IMPLEMENTATION OF SINGLE AXEL PARALLEL
HYBRID ELECTRIC VEHICLE USING
MATLAB/SIMULINK**

***A Project Report submitted in partial fulfillment of the
requirements for the award of the Degree of***

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

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G.REVATHI	17U45A0212
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2020



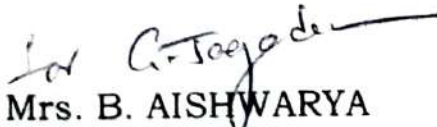
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This is to certify that the project report entitled “ **IMPLEMENTATION OF SINGLE AXEL PARALLEL HYBRID ELECTRIC VEHICLE USING MATLAB/SIMULINK.**” submitted by **V.V.S.S.HARIHARAN** (17U45A0248) in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in *Electrical & Electronics Engineering*, from **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY** (approved by A.I.C.T.E., New Delhi & Affiliated to JNTU, Kakinada) is a record of bona fide work carried out by him under my guidance and supervision.


Mrs. B. AISHWARYA

Assistant Professor

PROJECT GUIDE



Mr. B. T. Ramakrishna Rao

Associate professor

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

Prof. SREK KUMAR (JNTUK)
ONLINE

SMART HELMET WITH INTELLIGENT BIKE SYSTEM

**A Project Report Submitted in partial fulfilment of the
Requirements for the award of the Degree of**

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

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P. Ravi Teja	17U45A0255
R. Dinesh Varma	16U41A0208
M. Nanaji	17U45A0230
K. Durga Babu	15U41A0215

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This is to certify that the Project work entitled " SMART HELMET WITH INTELLIGENT BIKE SYSTEM " is being submitted by R RAMYA (17U45A0258), P RAVI TEJA (17U45A0255), R DINESH VARMA (16U41A0208), M NANAJI (17U45A0230), K DURGA BABU (15U41A0215) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRICAL & ELECTRONICS ENGINEERING during the academic year 2019-2020.


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Anakapalle - 531 002

EXTERNAL EXAMINER

**MODELING AND SIMULATION OF DYNAMIC
VOLTAGE RESTORER (DVR) FOR POWER QUALITY
PROBLEMS**

*A Project Report 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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This is to certify that the Project work entitled "MODELING AND SIMULATION OF DYNAMIC VOLTAGE RESTORER (DVR) FOR POWER QUALITY PROBLEMS" is a being submitted by K LALITHA (17U45A0223), D ATCHUTHA (17U45A0207), S HARSHA (17U45A0244), B LOKESH (17U45A0204), P VINAY (17U45A0233) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRICAL AND ELECTRONICS ENGINEERING during the academic year 2019-20.


Sri. K.VIJAY KUMAR, M.E,(Ph.D)
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EXTERNAL EXAMINER

MATLAB / SIMULINK BASED INTELLIGENT POWER QUALITY CONDITIONER USING FUZZY LOGIC CONTROLLER

*A project report submitted in partial Fulfilment of the requirement for the award of the **BACHELOR OF TECHNOLOGY** in*

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

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CERTIFICATE

This is to certify that the project work entitled "MATLAB/SIMULINK BASED INTELLIGENT POWER QUALITY CONDITIONER USING FUZZY LOGIC CONTROLLER" has been carried out by K.DURGA RAO (17U45A0224), R.GANGADHAR(17U45A0259), B.PAVANKUMAR(17U45A0203) R.GANESWARA RAO (17U45A0240), A.V.AJAY (17U45A0202) Submitted in partial fulfilment of the requirement for the Award of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING during the academic year 2019-2020.


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Mr. B.T. RAMAKRISHNA RAO

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External Examiner

MONITORING AND FAULT DETECTION SYSTEM FOR POWER TRANSMISSION USING GSM TECHNOLOGY

A Project Report Submitted in partial fulfilment of the
requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY In ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By

S.CHARAN	(16U41A0210)
V.MANIKANTA	(17U45A0261)
G.SWATHI	(17U45A0213)
D.M.D.D.PRASAD	(17U45A0208)
S.SURENDRA BABU	(16U41A0209)

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Mr K.SRINIVASA RAO

Assistant Professor, Department of EEE



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CERTIFICATE

This is to certify that the Project work entitled **“MONITORING AND FAULT DETECTON SYSTEM FOR POWER TRANSMISSION UISNG GSM TECHNOLOGY”** is a being submitted by S.CHARAN (16U41A0210),V.MANIKANTA (17U45A0261), G.SWATHI (17U45A0213), D.M.D.D.PRASAD (17U45A0208), S.SURENDRA BABU (16U41A0209) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRICAL & ELECTRONICS ENGINEERING during the academic year 2019-20.



Mr K.SRINIVASA RAO
Assistant Professor

PROJECT GUIDE



Mr.B.T.Rama Krishna Rao
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HEAD OF THE DEPARTMENT

Head of the Department
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Anakapalle - 531 002

EXTERNAL EXAMINER

**CASCADED H-BRIDGE MULTI LEVEL
INVERTER**

*A Project Report 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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S. LAVANYA	17U45A0246
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Under the Esteemed Guidance of

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CERTIFICATE

This is to certify that the Project work entitled "**CASCADED H BRIDGE MULTI-LEVEL INVERTER**" is being submitted by V. VINAY(17U45A0260), S.LAVANYA (17U45A0246), CH. SAI KUMAR (17U45A0206), S.JANARDHAN (16U41A0204), A.AVINASH (17U45A0253) in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRICAL & ELECTRONICS ENGINEERING during the academic year 2019-2020.


Mr. G. JAGADEESH

(ASST. PROFESSOR)

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Mr. B.T. RAMAKRISHNA RAO

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(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

Prof. SREE KUMAR JNTUK
ONLINE.

DUAL AXIS SOLAR POWER TRACKING USING ARDUINO

**A Project report submitted in partial Fulfilment of the
requirements for the award of Degree of**

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

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P.PRAVALLIKA	17U45A0234
P.SUDHARSHAN	17U45A0236
N.NAIDU	17U45A0251
K.SAMPATH KUMAR	17U45A0262

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NH-5, Anakapalle-531002, Visakhapatnam, A.P



CERTIFICATE

This is to certify that the project work entitled **“DUAL AXIS SOLAR POWER TRACKING USING ARDUINO”** is a being submitted by M MAHESH (17U45A0229), P PRAVALLIKA (17U45A0234), P SUDHARSHAN (17U45A0236), N NAIDU (17U45A0251), K SAMPATH KUMAR (17U45A0262) in partial fulfilment of the requirements for award of the Degree of Bachelor of Technology in Electrical & Electronics Engineering, from DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (approved by A.I.C.T.E., New Delhi & Affiliated to JNTU, Kakinada) is a record of bona fide work carried out by them under my guidance and supervision.


Mr. D.R. CH. NOOKESH
(ASSISTANT PROFESSOR)
(PROJECT GUIDE)


Mr. B.T. RAMAKRISHNA RAO
(ASSISTANT PROFESSOR)
(HEAD OF THE DEPARTMENT)

Head of the Department
Electrical & Electronics Engg.
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Anakapalle - 531 002

EXTERNAL EXAMINER

**SIGN TO SPEECH CONVERSION USING ARDUINO FOR
DUMB PEOPLE**

*A Main project report Submitted in partial fulfillment of the requirement For
the award of the Degree of*

**BACHELOR OF TECHNOLOGY
IN
ELECTRICAL AND ELECTRONICS ENGINEERING**

Submitted by

K.GANGARAM	17U45A0220
K.SOWJANYA	17U45A0215
N.ANANTH KUMAR	17U45A0231
P.SRI HARI BABU	17U45A0239
K.PRASAD	17U45A0219

Under the esteemed guidance of

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Associate professor of EEE



Department of Electrical & Electronics Engineering

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

**(Approved by A.I.C.T.E ,NAAC Accredited, New Delhi &Affiliated to
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**NH-5, ANAKAPALLE-531002,Visakhapatnam,Andhra Pradesh
2020**

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**NH-5,ANAKAPALLE-531002,Visakhapatnam,Andhra Pradesh
2020**

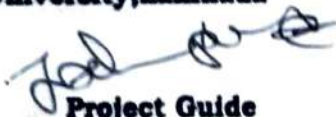



CERTIFICATE

**This is to certify that the project was entitled SIGN TO SPEECH CONVERSION
USING ARDUINO FOR DUMB PEOPLE is the bonafied work by**

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K.PRASAD	17U45A0219

**During the academic year 2019-2020 in partial fulfillment of the requirement
for the award Bachelor Of Technology in Electrical & Electronics
Engineering (2017-2020) of Jawaharlal Nehru Technological
University,kakinada**


Project Guide
Mr.J.DELEEP KUMAR,M.Tech
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EXTERNAL EXAMINER

Head of the Department
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**HARMONY ASSESSMENT FOR 9-BUS POWER
SYSTEM UNDER NON LINEAR LOAD USING
STATIC SYNCHRONOUS SERIES COMPENSATOR**

A Project Report

**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.KISHORE	17U45A0250
M.VARAPRASAD	17U45A0227
K.VENKATESH	17U45A0256
P.KISHORE	17U45A0237

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This is to certify that the Project work entitled "HARMONY ASSESSMENT FOR 9-BUS POWER SYSTEM UNDER NON LINEAR LOAD USING STATIC SYNCHRONOUS SERIES COMPENSATOR

" is a being submitted by M. JOSHI (17U45A0226), K.KISHORE (17U45A0250), M. VARAPRASAD (17U45A0227), K.VENKATESH (17U45A0256), P.KISHORE (17U45A0237) in the partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRICAL AND ELECTRONICS ENGINEERING during the academic year 2019-2020


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EXTERNAL EXAMINER

**POWER QUALITY IMPROVEMENT OF APF FOR
LINEAR AND NON LINEAR LOADS**

M.52

A Thesis

*Submitted in partial fulfillment of the requirements
For the award of the Degree of*

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

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EXTERNAL EXAMINER

SMART HOME USING PIR SENSOR

A Project thesis submitted in partial fulfillment for the award of degree of

BACHELOR OF TECHNOLOGY IN ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

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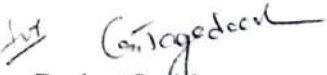
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This is to certify that the project report entitled "**SMART HOME USING PIR SENSOR**" submitted by KARRI SIVA (16U41A0203) in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in **Electrical & Electronics Engineering**, from **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY** is a record of bona fide work carried out by them under my guidance and supervision.


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EXTERNAL EXAMINER

IMPLEMENTATION OF ANDROID BASED

MULTIFUNCTIONAL SERVICE ROBOT

**A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of**

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

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This is to certify that the Project work entitled "IMPLEMENTATION OF ANDROID BASED MULTIFUNCTIONAL SERVICE ROBOT" is a being submitted by K.SAI KUMAR (17U45A0221) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRICAL & ELECTRONICS ENGINEERING during the academic year 2019-20.


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Head of the Department
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EXTERNAL EXAMINER

GESTURE CONTROLLED ROBOT

A Project Report 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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V.JAYARAM	(17U45A0247)
K.ASHWIN KUMAR	(16U01A0202)
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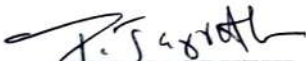
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This is to certify that the project work entitled "GESTURE CONTROLLED ROBOT" has been carried out by K.LAVANYA (17U45A0216), P.V.TARAKASWAROUP (17U45A0235), V.JAYARAM (17U45A0247), K.ASHWIN KUMAR (16U41A0202), and P.CHANDRA MOULI (16U41A0207) Submitted in partial fulfillment of the requirement for the Award of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING during the academic year 2019-2020.


MISS.P.JAGRUTHI
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(PROJECT GUIDE)


Mr. B.T. RAMA KRISHNA RAO
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(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

**SHAPED BEAMS FROM CIRCULAR APERTURE
ANTENNAS**

**A Project Report submitted in partial fulfillment of the
requirements for the award of the degree of**

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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M.Saikiran	17U45A0413
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This is to certify that the Project work entitled "SHAPED BEAMS FROM CIRCULAR APERTURE ANTENNAS" is a being submitted by M.BHAVANA (16U41A0441), S.SRIKANYA (16U41A0431), K.SWETHA (17U45A0410), M.SAI KIRAN (17U45A0413), and Y.KURMA RAJU (16U41A0440) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING during the academic year 2019-2020.


Dr. J. BABU

(PROFESSOR)
(PROJECT GUIDE)

for 

Dr. B. RAJA RAO
Head of the Department
(ASSOCIATE PROFESSOR) Engg.
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EXTERNAL EXAMINER

**VOICE ACTIVATED SMART HOME DESIGN AND
IMPLEMENTATION USING AMAZON ALEXA**

*A Project Report submitted in partial fulfillment of the
Requirements for the award of the degree of*

BACHELOR OF TECHNOLOGY

IN

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

Submitted by

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D.JYOTHSNA	17U45A0404
M.MANI	17U45A0412
B.SAILAJA	17U45A0402

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This is to certify that the project work entitled "VOICE ACTIVATED SMART HOME DESIGN AND IMPLEMENTATION USING AMAZON ALEXA" is being submitted by G.SATTIREDDY (16U41A0407), D.JYOTHSNA (17U45A0404), M.MANI (17U45A0412), B.SAILAJA (17U45A0402) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY IN ELECTRONICS & COMMUNICATION ENGINEERING during the academic year 2019-2020.

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EXTERNAL EXAMINER

**DESIGN OF COMPACT MONOPOLE DUAL BAND
CONFORMAL MICROSTRIP ANTENNA**

***A Project Report submitted in partial fulfillment of the
requirements for the award of the Degree of***

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

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This is to certify that the Project work entitled "DESIGN OF COMPACT MONOPOLE DUAL BAND CONFORMAL MICROSTRIP ANTENNA" is being submitted by Y.ARUNA(16U41A0439), D.MANISHA(16U41A0406), V.REVATHI (17U45A0418), K.MADHURI PRIYA (16U41A0415), J.KANAKARAJU (16U41A0409) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS & COMMUNICATION ENGINEERING during the academic year 2019-2020.


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EXTERNAL EXAMINER

**DESIGN OF FPGA BASED 64-BIT FLOATING
POINT ARITHMETIC UNIT**

**A Project Report submitted in partial fulfillment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY**

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

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NH-16, Anakapalle-531002, Visakhapatnam Dist., A.P.2020

CERTIFICATE

This is to certify that the Project work entitled "DESIGN OF FPGA BASED 64-BIT FLOATING POINT ARITHMETIC UNIT" is a being submitted by B.PRATHYUSHA (16U41A0403), N.GUNA GOPI SURENDRA (17U45A0414), S.SANDHYA (16U41A0429), B.SANDEEP (16U41A0402), P.VENKATA LAKSHMI (17U45A0417) in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION ENGINEERING during the academic year 2019-2020.

M. M. Kishore Kumar

Mr. MALLA KISHORE KUMAR

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Dr. B. Raja Rao

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Head of the Department
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Anakapalle - 531 002;

EXTERNAL EXAMINER

**COLOR BASED IMAGE SEGMENTATION USING
K-MEANS CLUSTERING**

**A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY**

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

M.HEMALATHA	16U41A0419
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This is to certify that the Project work entitled "COLOR BASED IMAGE SEGMENTATION USING K-MEANS CLUSTERING" is being submitted by M.HEMALATHA (16U41A0419), G.BHAGYA LAKSHMI (16U41A0443), S.TEJA (16U41A0413), J.RAJU (16U41A0408), P.RAJESH (17U45A0416) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGINEERING during the academic year 2019-20.


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EXTERNAL EXAMINER

REAL TIME OFFICE SECURITY AND SAFETY SYSTEM

*A Project Report submitted in partial fulfillment of the
requirements for the award of the Degree of*

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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K.DEVI	16U41A0414
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(HEAD OF THE DEPARTMENT)
Dadi Institute of Engineering & Technology
Anakapalle - 531 002.

EXTERNAL EXAMINER

**ELECTRONIC CHARACTERISTICS OF BEAM
STEERING PHASED ARRAY ANTENNA FOR
MOBILE APPLICATIONS**

***A project Report submitted in partial fulfillment of the
requirements for the award of the degree of***

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

S.BHAVYA BHARGAVI	16U41A0432
K.G.L.VIKAS	17U45A0411
A.P.D.SANKEERTHANA	16U41A0401
Y.PRASAD NAIDU	17U45A0423
K.YAMINI	16U41A0412

Under the Esteemed Guidance of

Mr.K.JOGI NAIDU, M.Tech, (Ph.D)

Associate Professor, Department of ECE



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CERTIFICATE

This is to certify that the project work entitled "ELECTRONIC CHARACTERISTICS OF BEAM STEERING PHASED ARRAY ANTENNA FOR MOBILE APPLICATION" is being submitted by S.BHAVYA BHARGAVI (16U41A0432), K.G.L.VIKAS(17U45A0411),A.P.D.SANKEERTHANA(16U41A0401),Y.PRASADNAIDU(17U45A0423),K.YAMINI (16U41A0412) in partial fulfillment of the requirement for the award of the degree in BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION ENGINEERING during the academic year 2019-2020.

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Head of the Department

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Dadi Institute of Engg. & Tech.

Anakapalle - 531 002.

EXTERNAL EXAMINER

**IOT BASED GESTURE TO SPEECH CONVERTING
GLOVES WITH ANDROID SYSTEM**

***A Project Report submitted in partial fulfillment of the
requirements for the award of the Degree of***

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

S. PRADEEP KUMAR	16U41A0433
P. BHANU PRASAD	16U41A0421
R. REVATHI	16U41A0426
G. ESWARA NAGA ALIVENI	17U45A0408
N. SREEKANTH	16U41A0446

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CERTIFICATE

This is to certify that the Project work entitled "IOT BASED GESTURE TO SPEECH CONVERTING GLOVES WITH ANDROID SYSTEM" is being submitted by S PRADEEP KUMAR (16U41A0433), P BHANU PRASAD (16U41A0421), R REVATHI (16U41A0426), G ESWARA NAGA ALIVENI (17U45A0408), N SREEKANTH (16U41A0446) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS & COMMUNICATION ENGINEERING during the academic year 2019-2020.

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Anakapalle - 531 002.

EXTERNAL EXAMINER

**IMAGE ENCRYPTION METHOD BASED ON
MODULAR MATRIX TRANSFORMATION AND
COORDINATE SAMPLING**

*A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of*

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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N.JYOTHI	17U45A0415
P.VASU	16U41A0422
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This is to certify that the Project work entitled "**IMAGE ENCRYPTION METHOD BASED ON MODULAR MATRIX TRANSFORMATION AND COORDINATE SAMPLING**" is being submitted by V. SAI SRUJANA (16U41A0436), N. JYOTHI (17U45A0415), P. VASU (16U41A0422), B. NAGENDRA (17U45A0403), P. MADHAVI (16U41A0450) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION ENGINEERING during the academic year 2019-20.

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(Associate Professor)

Head of the Department
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Anakapalle - 531 002.

EXTERNAL EXAMINER

**AUTOMATIC DOOR ACCESS SYSTEM USING
FACE RECOGNITION**

**A Project Report submitted in partial fulfillment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY**

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

S GANESH	(17U45A0419)
S DEEPIKA ALEKHYA	(16U41A0428)
P SRUJITHA	(16U41A0442)
K GANESH SAI	(17U45A0407)
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Under the Esteemed Guidance of

Mrs. B.T. ARCHANA M.Tech

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CERTIFICATE

This is to certify that the project work entitled "AUTOMATIC DOOR ACCESS SYSTEM USING FACE RECOGNITION" is being submitted by S GANESH (17U45A0419), S DEEPIKA ALEKHYA (16U41A0428), P SRUJITHA (16U41A0442), K GANESH SAI (17U45A0407), S JYOTHI (16U41A0430) in partial fulfilment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION ENGINEERING during the academic year 2019-2020.

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Anakapalle - 531 002.

EXTERNAL EXAMINER

**Design of a New Low Power Pulse Triggered
Flip-Flop Design with Conditional
Pulse-Enhancement Scheme**

**A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of**

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

P. PREETHE	16U41A0448
K. RESHMA	16U41A0423
U. RAJ KUMAR	16U41A0435
K. UGANDHAR	17U45A0409
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CERTIFICATE

This is to certify that the Project work entitled "DESIGN OF A NEW LOW POWER PULSE TRIGGERED FLIP-FLOP DESIGN WITH CONDITIONAL PULSE - ENHANCEMENT SCHEME." is being submitted by P. PREETHE (16U41A0448), K. RESHMA (16U41A0423), U. RAJ KUMAR (16U41A0435), K. UGANDHAR (17U45A0409), Y. MAHESWARARAO (17U45A0422) by in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION ENGINEERING during the academic year 2019-2020.

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EXTERNAL EXAMINER

Implementation of high performance anti-collision technique for RFID UHF tag

A Project Report submitted in partial fulfilment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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A.KUMAR	17U45A0401
V.RAMA LAKSHMI	16U41A0438
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This is to certify that the Project work entitled "IMPLEMENTATION OF HIGH PERFORMANCE ANTI-COLLISION TECHNIQUE FOR RFID UHF TAG" is a being submitted by K.ANITHA (16U41A0411), A.KUMAR (17U45A0401), V.RAMALAKSHMI(16U41A0438), V.GOWTHAMI(16U41A0437), T.S.S.HARSHA (17U45A0420) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION ENGINEERING during the academic year 2019-2020.

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Head of the Department
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Anakapalle - 531 002.

EXTERNAL EXAMINER

AUDIO COMPRESSION USING WAVELET TRANSFORMATION

**A Project Report submitted in partial fulfillment of the
Requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY**

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

R.SAILAJA	16U41A0447
K.KRISHNA PRIYA	16U41A0417
S.MAHESH	16U41A0427
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NH-16, Anakapalle-531002, Visakhapatnam, A.P

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CERTIFICATE

This is to certify that the Project work entitled "AUDIO COMPRESSION USING WAVELET TRANSFORMATION", being submitted by R.SAILAJA (16U41A0447), K.KRISHNAPRIYA (16U41A0417), S.MAHESH (16U41A0427), B.PRATHYUSHA (16U41A0449), K.V.S.VASU (15U41A0421) in partial fulfilment of the Requirements for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION during the academic year 2019-2020.


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EXTERNAL EXAMINER

**FACIAL EXPRESSION BASED EMOTION
RECOGNITION**

**A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of**

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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This is to certify that the Project work entitled "FACIAL EXPRESSION BASED EMOTION RECOGNITION" is being submitted by T. LAKSHMI SWETHA (16U41A0576), S. VIJAY KUMAR (16U41A0573) G. JYOTHI (16U41A05A6), A.SANTHOSHI KUMARI (16U41A05B6) ,L. NAVEEN CHAKRAVARTHI (16U41A05C2) in partial fulfilment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING during the academic year 2019-20.

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Head of the Department
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Anakapalle - 531001

EXTERNAL EXAMINER

**AIR QUALITY MONITORING AND WATER QUALITY
TESTING SYSTEM BASED ON IOT**

***A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of***

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

V.KAMESWARI	16U41A0580
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S. BHANU VARDHAN	16U41A05C0
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CERTIFICATE

This is to certify that the Project work entitled "**AIR QUALITY MONITORING AND WATER QUALITY TESTING SYSTEM BASED ON IOT**" is being submitted by V.KAMESWARI (16U41A0580) ,V.RAGHURAM(16U41A0581), S.BHANUVARDHAN (16U41A05C0), Y.SAILAJA (16U41A0583), S.NAGAMANI (16U41A05A4) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-2020.

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EXTERNAL EXAMINER

**ANALYSIS TO PREDICT THE BITCOINS PRICE
USING MACHINE LEARNING ALGORITHMS**

**A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY**

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

T.D.SUPRIYA	16U41A05B1
G.SUPRIYA	16U41A0588
S.BHAVANA	16U41A0572
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CERTIFICATE

This is to certify that the Project work entitled "ANALYSIS TO PREDICT THE BITCOINS PRICE USING MACHINE LEARNING ALGORITHMS" is a being submitted by T D SUPRIYA (16U41A05B1), G SUPRIYA (16U41A0588), S BHAVANA (16U41A0572), A SRIMANTH (16U41A05A0) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-20.

Mrs. G. PUSHPA
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EXTERNAL EXAMINER

**IOT BASED SMART TRAFFIC MANAGEMENT
SYSTEM**

**A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY**

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

K.RESHMA	16U41A0532
N. ANUSHA	16U41A0557
G. DEEPA	16U41A0519
K. KARTHIKA PAVANI	16U41A0530
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CERTIFICATE

This is to certify that the Project work entitled "IOT BASED SMART TRAFFIC MANAGEMENT SYSTEM" is a being submitted by K.RESHMA (16U41A0532), N.ANUSHA (16U41A0557), G.DEEPA (16U41A0519), K.KARTHIKA PAVANI (16U41A0530), K.SATISH KUMAR (16U41A0533) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-20.

Mr. Y. DINESH KUMAR
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Head of the Department
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Anakapalle - 531002

EXTERNAL EXAMINER

**Efficient Vehicle Detection System on the roads
using Deep Learning**

**A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY**

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted By

U. V. S. Manaswini	16U41A0592
J. Raju	16U41A05D1
R. Sravani Lakshmi	16U41A0595
Joshna Bisai	16U41A0587
Anusha Swain	16U41A05B7

Under the Esteemed Guidance of

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This is to certify that the project work entitled "EFFICIENT VEHICLE DETECTION SYSTEM ON THE ROADS USING DEEP LEARNING" is being submitted by U V S MANASWINI (16U41A0592), J RAJU (16U41A05D1), R SRAVANI (16U41A0595), JOSHNA BISAI (16U41A0587), ANUSHA SWAIN (16U41A05B7,) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-2020.


Dr. L. PRASANNA KUMAR
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Dr. L. PRASANNA KUMAR
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EXTERNAL EXAMINER

**ANALYSIS OF MALICIOUS FACEBOOK APPLICATIONS USING MACHINE
LEARNING ALGORITHMS**

***A Project Report submitted in partial fulfilment of the requirements
for the award of the Degree of***

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

K.MOUNIKA	16U41A05C3
P.SRILAKSHMI	16U41A0584
A.MANASA	16U41A05C1
Y.PALLAVI	16U41A0582

Under the Esteemed Guidance of

Dr. B. SRINIVASA RAO

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This is to certify that the Project work entitled "ANALYSIS OF MALICIOUS FACEBOOK APPLICATIONS USING MACHINE LEARNING ALGORITHMS" is being submitted by K.MOUNIKA(16U41A05C3), P.SRILAKSHMI(16U41A0584),A.MANASA(16U41A05C1),Y.PALLAVI(16U41A0582) in partial fulfilment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE & ENGINEERING during the academic year 2019-20.

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EXTERNAL EXAMINER

SECURE TWO PARTY COMPUTATION

***A Project Report submitted in partial fulfilment of the
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BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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S.SAI KEERTHI	16U41A0571
D.BHAVYA SRI	16U41A0594
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Dr. L. PRASANNA KUMAR

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EXTERNAL EXAMINER

**SERVICE QUALITY EVALUATION BY EXPLORING
SOCIAL USERS CONTEXTUAL INFORMATION
USING ASSOCIATION RULE MINING ALGORITHMS**

***A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of***

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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This is to certify that the Project work entitled "DATA MINING BASED SERVICE QUALITY EVALUATION BY EXPLORING SOCIAL USERS CONTEXTUAL INFORMATION" is a being submitted by M.TRIVENI (16U41A0551), L.DHARANI (16U41A0543), K.NANDINI SHRI (16U41A0540), K.LANITH SAI (16U41A0542), in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-20.

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EXTERNAL EXAMINER

**COLLEGE INFORMATION CHATBOT USING
NATURAL LANGUAGE PROCESSING**

**A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of**

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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EXTERNAL EXAMINER

**INSTITUTE EXAMCELL AUTOMATION WITH
MOBILE APPLICATION INTERFACE**

**A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY**

IN

COMPUTER SCIENCE AND ENGINEERING

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EXTERNAL EXAMINER

CLOUD BASED SMART PARKING SYSTEM

**A Project Report submitted in partial fulfillment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY**

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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EXTERNAL EXAMINER

**FAKE NEWS DETECTION USING MACHINE
LEARNING ALGORITHMS**

***A Project Report submitted in partial fulfilment of the
Requirement for the award of the Degree of
BACHELOR OF TECHNOLOGY***

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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This is to certify that the Project work entitled "FAKE NEWS DETECTION USING MACHINE LEARNING ALGORITHMS" is a being submitted by B.YAMINI (16U41A0506), P.L.BHARGAVI (16U41A0563), P.SAI DURGA PRASAD (16U41A0565), P.V.V.S.S.SRI RAM (16U41A0560), G.MADHURI (167A1A0523) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-20

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EXTERNAL EXAMINER

**IOT BASED GARBAGE MONITORING SYSTEM
FOR SMART CITY**

**A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY**

IN

COMPUTER SCIENCE AND ENGINEERING

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NH-16, Anakapalle-531002, Visakhapatnam, A.P.

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DECLARATION

We are hereby declare that this project work entitled "IOT BASED GARBAGE MONITORING SYSTEM FOR SMART CITY" has been carried out by us and contents have been presented in the form are for the award of the degree of BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING. We further declare that this dissertation has not been submitted elsewhere for any Diploma or Degree of University.

BY

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**HATE SPEECH RECOGNITION WITH MACHINE
LEARNING USING PYTHON WITH OPINION
MINING**

***A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY***

IN

COMPUTER SCIENCE AND ENGINEERING

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This is to certify that the Project work entitled "HATE SPEECH DETECTION WITH MACHINE LEARNING USING PYTHON WITH OPINION MINING" is a being submitted by G.HIMA BINDU (16U41A0521), A.DEVI (16U41A0504), B.MOUNIKA (16U41A0511), M.UMA (16U41A0549), K.N.S.SURYA (16U41A0531) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-20.

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EXTERNAL EXAMINER

**Traffic Analysis using Object Detection with Deep
Learning**

**A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of**

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

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This is to certify that the project work entitled "TRAFFIC ANALYSIS USING OBJECT DETECTION WITH DEEP LEARNING" is being submitted by D RAJA (16U41A0515), CH JYOSHNA DEVI (16U41A0514), B ANUSHA (16U41A0510), K RESHMA SRI (16U41A0534), I VANITHA (16U41A0527) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-2020.


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EXTERNAL EXAMINER

**A SHOULDER SURFING RESISTANT GRAPHICAL
AUTHENTICATION SYSTEM**

**A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of**

**BACHELOR OF TECHNOLOGY IN COMPUTER
SCIENCE AND ENGINEERING**

Submitted by

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2020**

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This is to certify that the Project work entitled "A SHOULDER SURFING RESISTANT GRAPHICAL AUTHENTICATION SYSTEM" is a being submitted by G KALYANI (16U41A0520), CH SWATHI (16U41A0512), N HARSHINI (16U41A0555), P ROHIT (16U41A0561), P HARINI (16U41A0558), B ASHWINI (16U41A0526) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-20.

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Mrs.G.SUJATHA

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Head of the Department

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Dadi Institute of Engg & Tech

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EXTERNAL EXAMINER

**THE OPTIMIZATION OF BLOOD DONOR
INFORMATION AND MANAGEMENT SYSTEM USING
MACHINE LEARNING**

*A Project Report submitted in partial fulfilment
of the requirements for the award of the Degree of*
BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

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EXTERNAL EXAMINER

**LIGHT WEIGHT SECURITY
AND
DATA PROVENANCE FOR MULTI-HOP IOT**

***A Project Report submitted in partial fulfillment of the
Requirements for the award of the Degree of***

**BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING**

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2020



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CERTIFICATE

This is to certify that the Project work entitled "LIGHT-WEIGHT SECURITY AND DATA PROVENANCE FOR MULTI-HOP IOT" is a being submitted by J.NANDINI (16U41A0528), A.JITENDRASAIRAM (16U41A0502), N.PRAKSHINI (16U41A0553), S.GAYATRI (16U41A0567), in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-20.


P.S.V.S.V. RAMARAJU

(ASST.PROFESSOR)

(PROJECT GUIDE)


Dr. L. PRASANNA KUMAR

(PROFESSOR)

(HEAD OF THE DEPARTMENT)

Head of the Department
Computer Science and Engg
Dadi Institute of Engg & Tech
Anakapalle 531001

EXTERNAL EXAMINER

**AUTOMATED WATER FLOW CONTROL SYSTEM
IN OVERHEAD TANKS USING INTERNET OF
THINGS AND MOBILE APPLICATION**

***A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of***

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

P. SAILAJA	(16U41A05B3)
D. SUPRAJA	(16U41A05B2)
B.PRASANTH	(16U41A0593)
S.NAVEEN KUMAR	(16U41A0569)
S. DEDEEPPYA	(16U41A05D0)

Under the Esteemed Guidance of

Dr. K. SUJATHA

Professor, Department of CSE



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**NH-16, Anakapalle-531002, Visakhapatnam, A.P
2020**



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18001:2007 Certified Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "AUTOMATED WATER FLOW CONTROL SYSTEM IN OVERHEAD TANKS USING INTERNET OF THINGS AND MOBILE APPLICATION" is a being submitted by P .SAILAJA (16U41A05B3), D.SUPRAJA (16U41A05B2), B.PRASANTH (16U41A0593), S.NAVEEN KUMAR (16U41A0569), S.DEDEEPYA (16U41A05D0) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-20.

Dr. K. SUJATHA
(PROFESSOR)
(PROJECT GUIDE)

Dr. L. PRASANNA KUMAR
(PROFESSOR)

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

**DRIVER DROWSINESS DETECTION AND ALARM
SYSTEM USING MACHINE LEARNING**

**A Project Report submitted in partial fulfillment of the
requirements for the award of the Degree of**

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

P.USHASRI	16U41A0566
K.RAVALI	16U41A0538
K.SIRISHA	16U41A0535
P.PAVAN KUMAR	16U41A0559
M.VAMSI KRISHNA	16U41A0552

Under the Esteemed Guidance of
Mrs. B. RENUKA
Assistant Professor, Department of CSE



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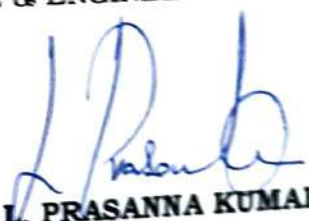
ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified
Institution

NH-16, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled **"DRIVER DROWSINESS DETECTION AND ALARM SYSTEM USING MACHINE LEARNING"** is a being submitted by P.USHASRI (16U41A0566), K.RAVALI (16U41A0538), K.SIRISHA (16U41A0535), P.PAVAN KUMAR (16U41A0559), M.VAMSI KRISHNA (16U41A0552) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-2020.


Mrs. B. RENUKA
(ASSISTANT PROFESSOR)
(PROJECT GUIDE)


Dr. L. PRASANNA KUMAR
(ASSOCIATE PROFESSOR)
(HEAD OF THE DEPARTMENT)

Head of the Department
Computer Science and Engg
Dadi Institute of Engg & Tech
Anakapalle - 531002

EXTERNAL EXAMINER

**STUDENT RESULT PREDICTION USING
SUPPORT VECTOR MACHINE**

*A Project Report submitted in partial fulfillment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY
IN*

COMPUTER SCIENCE AND ENGINEERING

Submitted by

M DIVYASREE	16U41A0546
D MALATHI	16U41A0516
G PRATYUSHA	16U41A0523
A NANDINI	16U41A0501
K CHARMLA	16U41A0537

*Under the Esteemed Guidance of
Dr. K. SUJATHA
Professor, Department of CSE*



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2020



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NH-16, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "**STUDENT RESULT PREDICTION USING SUPPORT VECTOR MACHINE**" is a being submitted by **M DIVYASREE (16U41A0546), D MALATHI (16U41A0516), G PRATYUSHA (16U41A0523), A NANDINI (16U41A501), K CHARMILA (16U41A0537)** in partial fulfilment of the Requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** for **COMPUTER SCIENCE & ENGINEERING** during the academic year 2019-20.

Dr. K. SUJATHA
(PROFESSOR)
(PROJECT GUIDE)

Head of the Department
Computer Science and Engg
Dr. L. PRASANNA KUMAR
Anakapalle, 531002
(ASSOCIATE PROFESSOR)
(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

DIABETES PREDICTION USING MACHINE LEARNING

A Project Report submitted in partial fulfilment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

S.HEMALATHA	16U41A0570
T.RENUKA	16U41A0578
T.G.S.S.MANASA	16U41A05B4
G.HARIKA	16U41A05A2
K.CHANDRA SEKHAR	16U41A05C8

Under the Esteemed Guidance of

K.NUKA RAJU

Asst. Professor, Department of CSE



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NH-16, Anakapalle-531002, Visakhapatnam, A.P.

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Institution

NH-16, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "DIABETES PREDICTION USING MACHINE LEARNING" is a being submitted by S.HEMALATHA (16U41A0570), T.RENUKA (16U41A0578), T.G.S.S.MANASA (16U41A05B4), G.HARIKA (16U41A05A2), K.CHANDRASEKHAR (16U41A05C8) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-20.


K.NUKARAJU
(ASST.PROFESSOR)
(PROJECT GUIDE)


DR. L. PRASANNA KUMAR
(ASSOC.PROFESSOR)
(HEAD OF THE DEPARTMENT)

Head of the Department,
Computer Science and Engg
Dadi Institute of Engg. & Tech
Anakapalle-531002

EXTERNAL EXAMINER

IOT BASED

BOREWELL WATER LEVEL DETECTION AND

AUTO CONTROL OF SUBMERSIBLE PUMPS

*A Project Report submitted in partial fulfillment of
the requirements for the award of the Degree of*

BACHELOR OF TECHNOLOGY IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

G.L.S.KEERTHANA	16U41A0522
M.L.KAMALANJALI	16U41A0547
J.CHAKRAVARTHI	16U41A0529
N.SURYA PRAKASH	16U41A0554
A.TULASI	16U41A0503

Under the Esteemed Guidance of
Dr. K. SUJATHA
Professor, Department of CSE



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NH-16, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "IOT BASED BOREWELL WATER LEVEL DETECTION AND AUTO CONTROL OF SUBMERSIBLE PUMPS" is being submitted by G.L.S.KEERTHANA (16U41A0522), M.L.KAMALANJALI (16U41A0547), J.CHAKRAVARTHI (16U41A0529), N.SURYA PRAKASH (16U41A0554), A.TULASI (16U41A0503) in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019-20.

Dr. K. SUJATHA
(PROFESSOR)
(PROJECT GUIDE)

Head of the Department
Dr. P. PRASANNA KUMAR
Dadi Institute of Engg & Tech
(PROFESSOR)
(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

BOTTA MOUNIKA

has successfully completed MACHINE LEARNING course

Given this February of 2020.



A handwritten signature in black ink, appearing to read 'Jammr', written over a horizontal line.

Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

ADARI NANDINI

has successfully completed MACHINE LEARNING course

Given this February of 2020.



A handwritten signature in black ink, appearing to read 'J. Amr'.

Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

ADARI HARITHA

has successfully completed MACHINE LEARNING course

Given this June of 2019.



Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

CHATTI SWATHI

has successfully completed MACHINE LEARNING course

Given this February of 2020.



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Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

GODDI SWEETY

has successfully completed MACHINE LEARNING course

Given this June of 2019.



Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

GALLA DEEPA

has successfully completed MACHINE LEARNING course

Given this February of 2020.



A handwritten signature in black ink, appearing to read 'J. Kumar'.

Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

GUNDA RISHITHA

has successfully completed MACHINE LEARNING course

Given this June of 2019.



Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

KALYANI GANTLA

has successfully completed MACHINE LEARNING course

Given this February of 2020.



A handwritten signature in black ink, appearing to read 'J. Gantla'.

Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

CHENNA SREHITHA

has successfully completed MACHINE LEARNING course

Given this June of 2019.

A handwritten signature in black ink, appearing to read 'Jammur', written over a horizontal line.

Authorised Signature on behalf of board of Examiners



**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

JOSHNA BISAI

has successfully completed MACHINE LEARNING course

Given this February of 2020.



A handwritten signature in black ink, appearing to read 'Janna'.

Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

K L LAKSHMI GOWRI SATYA

has successfully completed MACHINE LEARNING course

Given this June of 2019.



A handwritten signature in black ink, appearing to read 'Jammr', written over a horizontal line.

Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

SAMIREDDI VINOD

has successfully completed MACHINE LEARNING course

Given this February of 2020.



A handwritten signature in black ink, appearing to read 'Samir'.

Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

BHAVYA KONTHALA

has successfully completed MACHINE LEARNING course

Given this June of 2019.



A handwritten signature in black ink, appearing to read 'Jammr', written over a horizontal line.

Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

KADIRI RENUKA

has successfully completed MACHINE LEARNING course

Given this February of 2020.



A handwritten signature in black ink, appearing to read 'Jannu', written over a horizontal line.

Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

GORLE NAVIN KUMAR

has successfully completed MACHINE LEARNING course

Given this June of 2019.



Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

DADI SUPRAJA

has successfully completed MACHINE LEARNING course

Given this February of 2020.



A handwritten signature in black ink, appearing to read 'Dadi Supraja', written over a horizontal line.

Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

HANISHKA MALLA

has successfully completed MACHINE LEARNING course

Given this June of 2019.



A handwritten signature in black ink, appearing to read 'Janna'.

Authorised Signature on behalf of board of Examiners

**APTECH
COMPUTER EDUCATION**



CERTIFICATE OF COMPLETION

This certificate is awarded to

AMIREDDI MANASA

has successfully completed MACHINE LEARNING course

Given this February of 2020.



A handwritten signature in black ink, appearing to read 'J. Amr'.

Authorised Signature on behalf of board of Examiners



राष्ट्रीय इस्पात निगम लिमिटेड Rashtriya Ispat Nigam Limited
विशाखपट्टणम इस्पात संयंत्र Visakhapatnam Steel Plant
तकनीकी प्रशिक्षण केन्द्र Technical Training Institute
विशाखपट्टणम Visakhapatnam-530031

No. 08546

0008546

प्रमाण पत्र CERTIFICATE

W1903TH02433-0052

प्रामाणित किया जाता है कि श्री/This is to certify that

Mr./Ms. KONATHALA SHIVAKARTHIK RAO a student of

(वर्ष/पाठ्यक्रम/शाखा Year/Course/Branch/ III/B TECH/EEE

विद्यार्थी ने from DADI INSTITUTE OF ENGINEERING & TECHNOLOGY ANAKAPALLE से

has undergone INTERNSHIP प्रशिक्षण training विशाखपट्टणम इस्पात संयंत्र

के at Visakhapatnam Steel Plant in LIGHT & MEDIUM MERCHANT MILL

विभागों में depts. from दि 11/11/2019 से to 23/11/2019 तक प्राप्त किया।

परियोजना शीर्षक The project title is *****

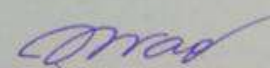
है।

प्रशिक्षण अवधि में उनका आचरण His/Her conduct during the period of training is

GOOD है।

स्थल/Place : Visakhapatnam

दि/Date 23/11/2019


प्रक्षिण समन्वयक के हस्ताक्षर मोहर के साथ।
Signature of Training Co-Ordinator with Seal

जे. प्रभाकर राव-J. PRABHAKARA RAO
प्रबंधक (प्रशिक्षण)-Manager (Trg.)
तकनीकी प्रशिक्षण संस्थान
Technical Training Institute
आर आई एन एल, विशाखपट्टणम इस्पात संयंत्र
RINL, Visakhapatnam Steel Plant
विशाखपट्टणम-Visakhapatnam-530 031



राष्ट्रीय इस्पात निगम लिमिटेड Rashtriya Ispat Nigam Limited
 विशाखपट्टणम इस्पात संयंत्र Visakhapatnam Steel Plant
 तकनीकी प्रशिक्षण केन्द्र Technical Training Institute
 विशाखपट्टणम Visakhapatnam-530031

प्रमाण पत्र CERTIFICATE

No. 08545

0008545

WT903TND1432-0051

प्रामाणित किया जाता है कि श्री/This is to certify that

Mr./Ms. CHEBOLU LAKSHMI PRASANNA a student of

(वर्ष/पाठ्यक्रम/शाखा Year/Course/Branch)/ III/B TECH/EEE

विद्यार्थी ने from DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLE से

has undergone INTERNSHIP प्रशिक्षण training विशाखपट्टणम इस्पात संयंत्र

के at Visakhapatnam Steel Plant in LIGHT & MEDIUM MERCHANT MILL

विभागों में depts. from दि 11/11/2019 से to 23/11/2019 तक प्राप्त किया।

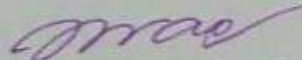
परियोजना शीर्षक The project title is *****

प्रशिक्षण अवधि में उनका आचरण His/Her conduct during the period of training is

GOOD है।

स्थल/Place : Visakhapatnam

दि/Date 23/11/2019


 प्रशिक्षण समन्वयक के हस्ताक्षर मोहर के साथ।
 Signature of Training Co-Ordinator with Seal

जे. प्रभाकर राव-J. PRABHAKARA RAO
 प्रबंधक (प्रशिक्षण)-Manager (Trg.)
 तकनीकी प्रशिक्षण संस्थान
 Technical Training Institute
 आर आई एन एल, विशाखपट्टणम इस्पात संयंत्र
 RINL, Visakhapatnam Steel Plant
 विशाखपट्टणम-Visakhapatnam-530 031



BHARAT SANCHAR NIGAM LIMITED

(A Government of India Enterprise)

CERTIFICATE

This is to Certify that Mr/Ms **KUNUKULAGUNTLA RESHMA** Student of **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLE** pursuing B.E / B.Tech has successfully completed his/her **Internship Training** in Telecom Network (Mobile, Broadband, Switching and Transmission technologies) for **TWO WEEKS** with effect from 13TH May 2019

BSNL wishes him/her all the best for a bright future

Project Co-ordinator / Incharge

Divisional Engineer(BB&Installation)
Velampeta, Visakhapatnam

Date : 27th May 2019
ID : 2019 MR -171





BHARAT SANCHAR NIGAM LIMITED

(A Government of India Enterprise)

C E R T I F I C A T E

This is to Certify that Mr/Ms **VALLAMPATI RAMA LAKSHMI** Student of **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLE** pursuing B.E / B.Tech has successfully completed his/her **Internship Training** in Telecom Network (Mobile, Broadband, Switching and Transmission technologies) for **TWO WEEKS** with effect from 13TH May 2019

BSNL wishes him/her all the best for a bright future

Project Co-ordinator / Incharge

Divisional Engineer(BB&Installation)
Velampeta, Visakhapatnam

Date : 27th May 2019
ID : 2019 MR -178





BHARAT SANCHAR NIGAM LIMITED

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CERTIFICATE

This is to Certify that Mr/Ms **SUNKARA GANESH** Student of **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLE** pursuing B.E / B.Tech has successfully completed his/her **Internship Training** in Telecom Network (Mobile, Broadband, Switching and Transmission technologies) for **TWO WEEKS** with effect from 13th May 2019

BSNL wishes him/her all the best for a bright future

Project Co-ordinator / Incharge

Divisional Engineer(BB&Installation)
Velampeta, Visakhapatnam

Date : 27th May 2019
ID : 2019 MR -176





BHARAT SANCHAR NIGAM LIMITED

(A Government of India Enterprise)

CERTIFICATE

This is to Certify that Mr/Ms **AYINAPARTHI KUMAR** Student of **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLE** pursuing B.E / B.Tech has successfully completed his/her **Internship Training** in Telecom Network (Mobile, Broadband, Switching and Transmission technologies) for **TWO WEEKS** with effect from 13th May 2019

BSNL wishes him/her all the best for a bright future

Project Co-ordinator / Incharge

Divisional Engineer(BB&Installation)
Velampeta, Visakhapatnam

Date : 27th May 2019
ID : 2019 MR -174





BHARAT SANCHAR NIGAM LIMITED

(A Government of India Enterprise)

CERTIFICATE

This is to Certify that Mr/Ms **MADDALA BHAVANA** Student of **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLE** pursuing B.E / B.Tech has successfully completed his/her **Internship Training** in Telecom Network (Mobile, Broadband, Switching and Transmission technologies) for **TWO WEEKS** with effect from 13TH May 2019

BSNL wishes him/her all the best for a bright future

Project Co-ordinator / Incharge

Divisional Engineer(BB&Installation)
Velampeta, Visakhapatnam

Date : 27th May 2019
ID : 2019 MR -167





BHARAT SANCHAR NIGAM LIMITED

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C E R T I F I C A T E

This is to Certify that Mr/Ms **BUDDHA PRATHYUSHA** Student of **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLE** pursuing B.E / B.Tech has successfully completed his/her **Internship Training** in Telecom Network (Mobile, Broadband, Switching and Transmission technologies) for **TWO WEEKS** with effect from 13th May 2019

BSNL wishes him/her all the best for a bright future

Project Co-ordinator / Incharge

Divisional Engineer(BB&Installation)
Velampeta, Visakhapatnam

Date : 27th May 2019
ID : 2019 MR -170





BHARAT SANCHAR NIGAM LIMITED

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CERTIFICATE

This is to Certify that Mr/Ms **VAJRAPU SAI SRUJANA** Student of **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLE** pursuing B.E / B.Tech has successfully completed his/her **Internship Training** in Telecom Network (Mobile, Broadband, Switching and Transmission technologies) for **TWO WEEKS** with effect from 13TH May 2019

BSNL wishes him/her all the best for a bright future

Project Co-ordinator / Incharge

Divisional Engineer(BB&Installation)
Velampeta, Visakhapatnam

Date : 27th May 2019

ID : 2019 MR -179





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CERTIFICATE

This is to Certify that Mr/Ms **BOMMA SANDEEP** Student of **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLE** pursuing B.E / B.Tech has successfully completed his/her **Internship Training** in Telecom Network (Mobile, Broadband, Switching and Transmission technologies) for **TWO WEEKS** with effect from 13TH May 2019

BSNL wishes him/her all the best for a bright future

Project Co-ordinator / Incharge

Divisional Engineer(BB&Installation)
Velampeta, Visakhapatnam

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Authorized Signatory:

CEMS / IRS

Authorized Signatory:

DesignTech Systems Limited