A Study on

PERFORMANCE APPRAISAL

With special reference to

CHODAVARAM CO-OPERATIV SUGAR LIMITED GOVADA,VISAKHAPATNAM

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

A.PAVANI

(Reg. No. 16U41E0001)

Under the Esteemed guidance of

Mr. A. KIRAN KUMAR

MBA

Sr.Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

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 G.MALLU NAIDU
CHAIRMAN

SRI K.R.VICTOR RAJU
MANAGING DIRECTOR

Ref No RC.AD/6/2018

Date : Dt.13-03-2018

CERTIFICATE

This is to certify that Kum. A.Pavani, a student of M.B.A from Dadi Institute of Engineering & Technology, Anakapalli, has carried out her project work on the subject of " FUNDS FLOW STATEMENT" for a period of 45 days from 15-06-2017 to 30-07-2017 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

A Study on

RECRUITMENT AND SELECTION

With special reference to

CHODAVARAM COOPERATIVE SUGAR LIMITED

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

B.MEENA SOWJANYA

(Reg. No. 16U41E0003)

Under the Esteemed guidance of

Mr. P. KIRAN KUMAR

MBA, LLB, (Ph.D)

Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

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ANAKAPALLE-531002

(2016-2018)

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada)
NAAC Accredited Institute

An ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Certified Institute.
NH-5, Anakapalle – 531002, Visakhapatnam, A.P.

CERTIFICATE

This is to certify that the project work entitled"**A Study on RECRUITMENT AND SELECTION" by** B.MEENA SOWJANYA Reg. No.16U41E0003 in partial fulfilment for the award of the Degree of **Master of Business Administration** during the Academic year **2016-2018** with special reference to **"CHODAVARAM COOPERATIVE SUGAR LIMITED"** under the guidance of **Mr. P.KIRAN KUMAR Assistant Professor,** Department of Management Studies, Diet Institute, Anakapalle.

Project Guide:

Mr. P.KIRAN KUMAR
MBA, LLB, (Ph.D).
Assistant Professor
Department Of MBA

Head of the Department:

Dr. P. B. RAM KUMAR
M.com, MBA, Ph.D.
Professor
Department Of MBA

EXTERNAL EXAMINER

A Study on

FINANCIAL PERFORMANCE

With reference to

CHODAVARAM CO-OPERATIVE SUGAR LIMTED.

GOVADA

A project report submitted to the JNTUK, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

B.YAMINI

(Reg. No. 16U41E0004)

Under the Esteemed guidance of

Mr. A.KIRAN KUMAR

MBA

Sr. Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

CERTIFICATE

This is to certify that B.YAMINI , Reg. No.16U41E0004 the project report entitled "**A Study on FINANCIAL PERFORMANCE towards CHODAVARAM CO-OPERATIVE SUGAR LIMITD GOVADA"** in fulfillment of the requirement for the award of **Master of Business Administration** under the guidance of **Mr. A.KIRAN KUMAR, MBA,(Ph.D) Sr. Assistant Professor.** Department of Management Studies, Diet College, Anakapalle.

Project Guide:

Mr. A.KIRAN KUMAR

MBA.

Assistant Professor

Department Of MBA

Head of the Department:

Dr. P. B. RAM KUMAR

M.com, MBA, Ph.D.

Professor

Department Of MBA

EXTERNAL EXAMINER

A Study on

INVENTORY MANAGEMENT

With special reference to

THE CHODAVARAM CO-OPERATIVE SUGARS LIMITED, GOVADA

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

B.V.S.PHANI KRISHNA

(Reg. No. 16U41E0005)

Under the Esteemed guidance of

Dr. P.B. RAMA KUMAR

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

Head & Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

APGST. No. Vsp/05/4/1410 Dt. 4-8-62
CST. No. Vsp/05/4/1011 Dt. 28-1-1960
TIN No. 28730109295
PAN No. AAAAT 4375 N
E.C.C. Code No. AAAAT 4375 N XM 001.

Email id : ccslgovada@yahoo.com
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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 G.MALLU NAIDU
CHAIRMAN

SRI K.R.VICTOR RAJU
MANAGING DIRECTOR

Ref No:.....

Date : 19-08-2017

CERTIFICATE

This is to certify that Kum. B.V.S.Phani Krishna, a student of MBA from Dadi Institute of Engineering & Technology, Anakapalli, has carried out her project work on the subject of "INVENTORY MANAGEMENT" for a period of 45 days from 5-6-2017 to 19-07-2017 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 Pra.

A Study on

PERFORMANCE APPRAISAL

With special reference to

GODAVARI PLASTO CONTAINERS PRIVATE LIMITED, PARAVADA

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

B.A. MADHU KIRAN

(Reg. No. 16U41E0006)

Under the Esteemed guidance of

Mr. P. KIRAN KUMAR

MBA, LLB, (Ph.D)

Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

Date : 06/09/2017

CERTIFICATE

This is certified that **Mr. Bommisetty A Madhu Kiran (16U41E0006) MBA (HR)** student of **Dadi Institute of Engineering and Technology,** Anakapalli, has carried out his project work on " **Performance Appraisal** " in our organization between 13/06/2017 to 27/07/2017

During the period he was found very hard working and dedication towards his work & Character are found to be satisfactory.

For Godavari Plasto Containers pvt Ltd.,

P. Koti Babu

P. Koti Babu

Sr.Executive (HR)

Godavari Plasto Containers Pvt. Ltd.
Unit II, Plot No.: 43 & 44,
Industrial Park, Parawada,
Visakhapatnam-531021.(A.P.)
Tel.: +91 7095018666
Email: unit2@godavariplasto.com
CIN No : 01-27255/1997-98

A Study on

RECRUITMENT AND SELECTION PROCESS

With special reference to

COROMANDEL FERTILIZERS LIMITED VISHAKAPATNAM

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

D VAMSI SAI KISHORE

(Reg. No. 16U41E0007)

Under the Esteemed guidance of

Mr. P. KIRAN KUMAR

MBA, LLB, (Ph.D)

Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

Coromandel International Limited
Post Box No. 1116, Sriharipuram, malkapuram Post
Visakhapatnam – 530 011, Andhra Pradesh, India.
Tel: 91-891-2578400 to 2578416
DID; 91-891-2578417/18/19
Fax: 91-891-2577865/2516164
Website: www.coromandel.biz
CIN: L24120TG1961PLC000692

CERTIFICATE

This is to certify that **Mr. Damarla Vamsi sai kishore (16U41E0007) MBA(HR) student of Dadi Institute of Engineering and Technologies,** Anakapalle has pursued his project work on **"Recruitment and selection"** in our organization between 02/06/2017 to 15/07/2017

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

For Coromandel International Ltd.,

P. Ramakrishna Mohan
AGM(Training)

Registered Office ; 'Coromandel House', 1-2-10
Sardar Patel Road, Secunderabad – 500 003
Telangana, India

Tel; 91-40-27842034 / 27847212
Fax;91-40-27844117
E-mail: mail@coromandel.murugappa.com

A Study on

RATIO ANALYSIS

With special reference to

RASHTRIYA ISPAT NIGAM LIMITED

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATIO

Submitted by

G.NAGAMANI

(Reg. No. 16U41E0009)

Under the Esteemed guidance of

Dr. P. B. RAM KUMAR

Department Of MBA

Professor

M.com, MBA, Ph.D.

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

Rashtriya Ispat Nigam Limited

VIZAG STEEL
Pride of Steel

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 : G. NAGAMANI

Regd./Trainee No : FIN 1633

Course : M.B.A

Name of the Institute : DIET COLLEGE ANAKAPALLI

Project Topic : "RATION ANALYSIS"

Period of Training : 12/06/2017 TO 26/07/2017

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

VERY GOOD

VISAKHAPATNAM

Date .....

Felicitator

Dr. DRM Rao

AGM(HRD)

RINL, Visakhapatnam Steel Plant.

A Study on

TRAINING AND DEVELOPMENT

With special reference to

UNIPARTS INDIA LIMITED

A Project report submitted to the JNTUK, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

J.JYOTHIKIRANMAYI

(Reg. No. 16U41E0010)

Under the Esteemed guidance of

Mr. P. KIRAN KUMAR

MBA, LLB, (Ph.D)

Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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

NAAC Accredited Institute

An ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Certified Institute.

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

CERTIFICATE

This is to certify that the project work entitled"**A Study on TRAINING AND DEVELOPMENT" by** J.JYOTHIKIRANMAYI, Reg. No.16U41E0010in partial fulfilment of the curriculum of **Master of Business Administration** during the Academic year **2016-2018** with special reference to **"UNIPARTS INDIA LIMITED"** in fulfillment of the requirement for the award of under the guidance of **Mr. P.KIRAN KUMAR Assistant Professor,** Department of Management Studies, Diet College, Anakapalle.

Project Guide:	**Head of the Department:**
Mr. P.KIRAN KUMAR	Dr. P. B. RAM KUMAR
MBA, LLB, (Ph.D).	M.com, MBA, Ph.D.
Assistant Professor	Professor
Department Of MBA	Department Of MBA

EXTERNAL EXAMINER

A Study on

RECRUITMENT & SELECTION PROCESS

With special reference to

THE THANDAVA CO-OPERATIVE SUGARS LIMITED, GOVADA

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

K.MAHALAKSHMI NAIDU

(Reg. No. 16U41E0011)

Under the Esteemed guidance of

Mrs.K.CHANDRIKA

MBA

Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

E Mail : thethandavasugarslimited@gmail.com
TIN : 37440214194
A.P.G.S.T. No. VSP/06/6-1009
C.S.T. No. VSP/06/1002

STD : 08854
Office : 253587
M.D. : 254091
M.D.(Res) : 254092

The Thandava Co-operative Sugars Limited, No.C.181

(SUGAR MANUFACTURERS) **PAYAKARAOPETA-531126**
TUNI R.S.
Visakhapatnam Dist., A.P.

SRI S.LOVA RAJU, B.A.,
PRESIDENT.

SRI V.S.NAIDU, B.Sc., M.B.A., AVSI(Tech), ASTA,
MANAGING DIRECTOR.

Ref No. Tcs/Admn/Estt/PW/2017-18.

Dt.24.07.2017.

CERTIFICATE

This is to certify that Mr.K.M.Naidu, Student of M.B.A., from Dadi Institute of Engineering & Technology, Anakapalli, Visakhapatnam District, Andhra Pradesh has successfully completed Project work on the Topic of "H.R – RECRUTMENT AND SELECTION PROCESS " as a Part of the Curricular requirement in The Thandava C0-op. Sugars Limited., Payakaraopeta, Visakhapatnam District, Andhra Pradesh from 09.06.2017 to 24.07.2017.

During the above Period, His/Her Conduct and Character are found to be Satisfactory.

THE THANDAVA CO-OP SUGARS LTD., C.181 Payakaraopeta Visakha Dist

MANAGING DIRECTOR.

A STUDY ON

"CASH FLOW STATEMENTS"

WITH REFERENCE TO

DEVI SEA FOODS LIMITED, VISHAKAPATNAM

PROJECT REPORT

A Report submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfilment of the requirements for Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

K.JYOTHSNA

Reg. no. 16U41E0012

Under the Esteemed Guidance of

MR.A.KIRAN KUMAR

M.B.A, (PhD)

Sr. Assistant Professor

Department of MBA

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

(As ISO 9001-2008, ISO 14001: 2004 & OHSAS 18001: 2007 Certified Institution)
ANAKAPALLE-531002

(2016 - 2018)

CERTIFICATE

This is to certify that K.JYOTHSNA, Reg. No.16U41E0012 the project report entitled **"A STUDY ON CASH FLOW STATEMENTS"** with special reference to **"DEVI SEA FOODS LIMITED** " in fulfilment of the requirement for the award of **Master of Business Administration** under the guidance of **Mr. A. Kiran Kumar, MBA, (PhD), Sr. Asst. Professor.** Department of Management Studies, Diet College, Anakapalle.

HEAD OF THE DEPARTMENT:

Dr. P. B. RAM KUMAR

M.com, MBA, Ph.D.

HOD & Professor

Department Of MBA

PROJECT GUIDE:

Mr. A. Kiran Kumar

MBA, (PhD).

Sr. Ass. Professor

Department Of MBA

A Study on

LIQUIDITY MANAGEMENT

With special reference to

CHODAVARAM CO-OPERATIVE SUGAR LIMITED

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

K. ASWANI

(Reg. No. 16U41E0013)

Under the Esteemed guidance of

Dr. P. B. RAM KUMAR

Department Of MBA

Professor

M.com, MBA, Ph.D.

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

APGST. No. Vsp/05/4/1410 Dt. 4-8-62
CST. No. Vsp/05/4/1011 Dt. 28-1-1960
TIN No. 28730109295
PAN No. AAAAT 4375 N
E.C.C. Code No. AAAAT 4375 N XM 001.

Email Id : ccslgovada@yahoo.com
Grams : COOPSUGARS, GOVADA - 531023.
Phones : 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 G.MALLU NAIDU
CHAIRMAN

SRI K.R.VICTOR RAJU
MANAGING DIRECTOR

Ref. No. : RC.AD/6/2017 Date : 15-6-2017

To
The Principal,
Dadi Institute of Engineering & Technology,
ANAKAPALLE.

Sir,

Sub:- Establishment - Kum. K.Aswani MBA student - Project work - permission - Orders - Reg.

Ref:- Lr.No.-dt.- Dadi Institute of Engineering & Technology, Anakapalle.

&&&

With reference to the above Kum. K.Aswani, MBA student from Dadi Institute of Engineering & Technology, Anakapalle, is hereby permitted to takeup her project work on the subject of "LIQUIDITY MANAGEMENT" for a period of 45 days from 15-6-2017 in this Organization.

During the period of project work, she should abide by the rules and regulations of the factory. She proceedings towards collection of required data for project work should not be distrubed the day work schedule of the factory. After completion of project work she should submit a copy of the said report of the factory for office record.

MANAGING DIRECTOR

To
MBA student,
Copy to Accounts/Time Office

A Study on

WORKING CAPITAL

With special reference to

THE THANDAVA CO-OPERATIVE SUGARS LIMITED, TUNI

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

K.JAGADEESWARA RAO

(Reg. No. 16U41E0014)

Under the Esteemed guidance of

Dr. P.B. RAMA KUMAR

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

Head & Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

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ANAKAPALLE-531002

(2016-2018)

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C.S.T. No. VSP/06/1002

STD : 08854
Office : 253587
M.D. : 254091
M.D.(Res) : 254092

The Thandava Co-operative Sugars Limited, No.C.181

(SUGAR MANUFACTURERS)

PAYAKARAOPETA-531126
TUNI R.S.
Visakhapatnam Dist., A.P.

SRI S.LOVA RAJU, B.A.,
PRESIDENT.

SRI V.S.NAIDU, B.Sc., M.B.A., AVSI(Tech), ASTA,
MANAGING DIRECTOR.

Ref No. Tcs/Admn/Estt/PW/2017-18.

Dt.24.07.2017.

CERTIFICATE

This is to certify that Mr.K.Jagadeeswar Rao, Student of M.B.A., from Dadi Institute of Engineering & Technology, Anakapalli, Visakhapatnam District, Andhra Pradesh has successfully completed Project work on the Topic of "FINANACE – WORKING CAPITAL " as a Part of the Curricular requirement in The Thandava C0-op. Sugars Limited., Payakaraopeta, Visakhapatnam District, Andhra Pradesh from 09.06.2017 to 24.07.2017.

During the above Period, His/Her Conduct and Character are found to be Satisfactory.

MANAGING DIRECTOR.

A Study on

EMPLOYEE WELFARE

With special reference to

CHODAVARAM CO-OPERATIVE SUGAR LIMITED,VISAKHAPATNAM

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

M.NEELIMA

(Reg. No. 16U41E0015)

Under the Esteemed guidance of

Mr. P KIRAN KUMAR

MBA, Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

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ANAKAPALLE-531002

(2016-2018)

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T. No. Vsp/05/4/1011 Dt. 28-1-1960
No. 28730109295
No. AAAAT 4375 N
C. Code No. AAAAT 4375 N XM 001.

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

THE CHODAVARAM CO-OPERATIVE SUGARS LIMITED

No B. 1109, GOVADA - 531023.

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

Sri G.Mallu Naidu
CHAIRMAN

Sri K.R.Victor raju
MANAGING DIRECTOR

Ref. No. : .....

Date : 24-7-2017

CERTIFICATE

This is to certify that Kum. Makireddy Neelima, a student of MBA from Dadi Institute of Engineering & Technology, Anakapalle, has carried out her project work on the subject of "EMPLOYEE WELFARE" for a period of 45 days from 3-6-2017 to 18-7-2017 in this Organization.

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

MANAGING DIRECTOR

A Study on

BUSINESS PROCESS RE-ENGINNEERING

With special reference to

Rashtriya Ispat Nigam Limited(RINL)

Vizag Steel Plant(VSP)

A Project report submitted to the JNTUK,

Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

MD. ARSHI AZMI

(Reg. No. 16U41E0016)

Under the Esteemed guidance of

Mr. P. KIRAN KUMAR

MBA, LLB, (PhD)

Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)
NAAC Accredited Institute
(As ISO 9001-2008 Certified Institution)
ANAKAPALLE-531002

(2016-2018)

Rashtriya Ispat Nigam Limited

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 : MD. ARSHI AZMI

Regd./Trainee No : HR-1590

Course : M.B.A

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

Project Topic : A Study on "BUSINESS PROCESS RE-ENGINEERING" IN RINL-VSP

Period of Training : 29/05/2017 TO 12/07/2017

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

VERY GOOD

VISAKHAPATNAM

Date .....

Dr. R.M. RAO
Asst. General Manager (MDT)
RINL, Visakhapatnam Steel Plant

Felicitator

Dr. ORM Rao
AGM(HRD)

A Study on

BUSINESS PROCESS RE-ENGINNEERING

With special reference to

Rashtriya Ispat Nigam Limited(RINL)
Vizag Steel Plant(VSP)

A Project report submitted to the JNTUK,
Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

MD. ARSHI AZMI

(Reg. No. 16U41E0017)

Under the Esteemed guidance of

Mr. P. KIRAN KUMAR

MBA, LLB, (PhD)

Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)
NAAC Accredited Institute
(As ISO 9001-2008 Certified Institution)
ANAKAPALLE-531002

(2016-2018)

Rashtriya Ispat Nigam Limited

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 : MD. ARSHI AZMI

Regd./Trainee No : HR-1590

Course : M.B.A

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

Project Topic : A Study on "BUSINESS PROCESS RE-ENGINEERING" IN RINL-VSP

Period of Training : 29/05/2017 TO 12/07/2017

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

VERY GOOD

VISAKHAPATNAM

Date .....

Felicitator

Dr. ORM Rao

AGM(HRD)

A Study on

PERFORMANCE APPRAISAL

With special reference to

UNIPARTS INDIA LIMITED

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

N.NAGAVALLI

(Reg. No. 16U41E0018)

Under the Esteemed guidance of

Mrs.K.CHANDRIKA

MBA

Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

UNIPARTS INDIA LTD.
Plot No 47, APIIC, APSEZ, Atchutapuram,
Pudimadaka Road, Visakhapatnam – 531 011 (A.P).
Tel: +91 8924 286 555, Fax: +91 8924 286 535

20th July,2017

CERTIFICATE

This is to certify that **Miss N.Nagavalli, D/O N.Venkataramana** , Regd No **-16U41E0018** MBA student of " **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY** ", has under gone a Industrial Project Training at our Company, **Uniparts India Limited**, Atchutapuram, Visakhapatnam District from **1st June 2017** to **15th July, 2017.**

During her tenure she was keen to learn new things and found sincere & good.

We wish all the best for her future endeavors.

With Best Regards,

For UNIPARTS INDIA LIMITED,

K.S.S.Y Murali
Human Resources

A Study on

FINANCIAL PERFORMANCE AND BUDGETING

With special reference to

RASHTRIYA ISPAT NIGAM LIMITED

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

P.PARASURAM

(Reg. No. 16U41E0019)

Under the Esteemed guidance of

Dr. P. B. RAM KUMAR

Department Of MBA

Professor

M.com, MBA, Ph.D.

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

Rashtriya Ispat Nigam Limited

VIZAG STEEL
Pride of Steel

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 : P.PARASURAM

Regd./Trainee No : FIN 1632

Course : M.B.A

Name of the Institute : DIET COLLEGE ANAKAPALLI

Project Topic :"FINANCIAL PERFORMANCE & BUDGETING"

Period of Training : 12/06/2017 TO 26/07/2017

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

VERY GOOD

VISAKHAPATNAM

Date .....

Felicitator

Dr. ORM Rao

(GM/HRD)

Asst. General Manager (MD)

RINL, Visakhapatnam Steel Plant

A Study on

FINANCIAL PERFORMANCE AND FINANCIAL STATEMENTS

With special reference to

RASHTRIYA ISPAT NIGAM LIMITED

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

P.SATYANARAYANA

(Reg. No. 16U41E0020)

Under the Esteemed guidance of

Mr. A. KIRAN KUMAR

MBA.

Sr.Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

Rashtriya Ispat Nigam Limited

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	:	P. SATYANARAYANA
Regd./Trainee No	:	F&A-1649
Course	:	M.B.A
Name of the Institute	:	DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLI
Project Topic	:	A Study on "FINANCIAL PERFORMANCE & FINANCIAL STATEMENTS" IN RINL-VSP
Period of Training	:	19/06/2017 TO 05/08/2017

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

VERY GOOD

VISAKHAPATNAM

Date .....

Felicitator RAO

Dr. ORM Rao

AGM(HRD)

RINL,Visakhapatnam Steel Plant

A Study on

RATIO ANALYSIS

With special reference to

CHODAVARAM CO-OPERATIVE SUGAR LIMITED

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

PAVADA DURGA DEVI

(Reg. No. 16U41E0021)

Under the Esteemed guidance of

Mr.A.KIRAN KUMAR

MBA

Sr. Assistant professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

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 G.MALLU NAIDU
CHAIRMAN

SRI K.R.VICTOR RAJU
MANAGING DIRECTOR

Ref No. RC.AD/6/2018 Dt. 13-03-2018

CERTIFICATE

This is to certify that Kum. P.Durga Devi, a student of M.B.A from Dadi Institute of Engineering & Technology, Anakapalli, has carried out her project work on the subject of " RATIO ANALYSIS " for a period of 45 days from 15-06-2017 to 30-07-2017 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

A Study on

INVENTORY MANAGENENT

With special reference to

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

P.LAVANYA

(Reg. No. 16U41E0022)

Under the Esteemed guidance of

Mr. A.KIRAN KUMAR

MBA

Sr. Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

Rashtriya Ispat Nigam Limited

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 : P.LAVANYA

Regd./Trainee No : HR-1617

Course : M.B.A

Name of the Institute : DIET COLLEGE ANAKAPALLI

Project Topic : "INVENTORY MANAGEMENT"

Period of Training : 12/06/2017 TO 26/07/2017

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

VERY GOOD

VISAKHAPATNAM

Date .....

Felicitator

Dr.ORM Rao

AGM(HRD)

Dr.O.R.M. RAO
Asst. General Manager (MD)
RINL, Visakhapatnam Steel Plant
Visakhapatnam-530 031

A Study on

TRAINING AND DEVELOPNMENT

With special reference to

BHARAT HEAVY ELECTIALS LIMITED, VISAKHAPTANAM

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

SUSHMA.M

(Reg. No. 16U41E0023)

Under the Esteemed guidance of

Mrs. K. CHANDRIKA
MBA,

Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

भारत हेवी इलेक्ट्रिकल्स लिमिटेड
हेवी प्लेट्स एण्ड वेसल्स प्लाँट, विशाखपट्टणम-530 012, आँ.प्र., भारत
Bharat Heavy Electricals Limited
Heavy Plates & Vessels Plant, Visakhapatnam-530 012, A.P., India

Ref: HRDC/07/2017 CERT.NO:2445/010617

Date: 22/07/2017

CERTIFICATE

This is to certify that **Miss. SUSHMA MORLA , D/o. Shri M V CHALAMAIAH** , studying **MBA (HR)** in **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY,** has done Project Work on **"A STUDY ON TRAINING & DEVELOPMENT"** in **BHEL-HPVP, Visakhapatnam,** from **01 -06-2017** to **15-07-2017.**

During the above period her **CONDUCT & CHARACTER** were found **Very Good** and we wish her a bright future.

22/07/2017

(T.A.Rama Rao)
Dy.Manager (HRDC)

टी.ए. रामा राव /T.A. RAMA RAO
उप प्रबन्धक (एच आर डी एण्ड टी आई)
Dy Manager (HRD&TI)
बीएचईएल-एच पी वी पी, विशाखपट्टणम-12
BHEL-HPVP, VISAKHAPATNAM-12

Tel : 0891-6681280, Fax : 6681700, Website : www.bhel.com, e-mail : www.bhelviz.co.in

A Study on

INVENTORY MANAGEMENT

With special reference to

THE THANDAVA CO-OPERATIVE SUGARS LIMITED, GOVADA

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

V.NAGA PRASAD

(Reg. No. 16U41E0024)

Under the Esteemed guidance of

Dr. P.B. RAMA KUMAR

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

Head & Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

E Mail : thethandavasugarslimited@gmail.com
TIN : 37440214194
A.P.G.S.T. No. VSP/06/6-1009
C.S.T. No. VSP/06/1002

STD : 08854
Office : 253587
M.D. : 254091
M.D.(Res) : 254092

The Thandava Co-operative Sugars Limited, No.C.181

(SUGAR MANUFACTURERS)

PAYAKARAOPETA-531126
TUNI R.S.
Visakhapatnam Dist., A.P.

SRI S.LOVA RAJU, B.A.,
PRESIDENT.

SRI V.S.NAIDU, B.Sc., M.B.A., AVSI(Tech), ASTA,
MANAGING DIRECTOR.

Ref No. Tcs/Admn/Estt/PW/2017-18.

Dt.24.07.2017.

CERTIFICATE

This is to certify that Mr.V.Naga Prasad, Student of M.B.A., from Dadi Institute of Engineering & Technology, Anakapalli, Visakhapatnam District, Andhra Pradesh has successfully completed Project work on the Topic of "FINANACE – INVENTORY MANAGEMENT " as a Part of the Curricular requirement in The Thandava C0-op. Sugars Limited., Payakaraopeta, Visakhapatnam District, Andhra Pradesh from 09.06.2017 to 24.07.2017.

During the above Period, His/Her Conduct and Character are found to be Satisfactory.

MANAGING DIRECTOR.

A Study on

RATIO ANALYSIS

With special reference to

AMARA RAJA BATTERIES LIMITED, TIRUPATHI

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

Y.S.V.SAI CHAITANYA

(Reg. No. 16U41E0025)

Under the Esteemed guidance of

Dr. P.B. RAMA KUMAR

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

Head & Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

AMARA RAJA
Gotta be a better way

To Whomsoever It May Concern

This is to certify that **Mr. Y.S.V. SAI CHAITANYA (Reg. No: 16U41E0025), Master of Business Administration** student of the **DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIZAG** was placed with us for training from **29.05.2017** to **15.07.2017**. This training has been organized as part of his study cirriculum.

During the period, he had done a project with the title of **"RATIO ANALYSIS"** under the guidance of Mr. B. Prathap Reddy- Dy. Manager in our Head Office Tirupati.

Mr. Y.S.V. SAI CHAITANYA has shown his keen interest while doing the project. We found him enthusiastic, diligent and creative. We wish him a bright future.

For **Amara Raja Batteries Limited**

K. Nalini Kumar
AGM - Human Resources

Date : 28.05.2017

AMARON
AMARA RAJA | Johnson Controls
An Amara Raja - Johnson Controls Company

Amara Raja Batteries Limited | An Amara Raja Group Company
Registered Office & Works: Karakambadi-517520, Tirupati, Andhra Pradesh, India.
Tel No. +91 877 2265000, Fax No. +91 877 2285600, E-mail: amararaja@amararaja.co.in.
Corporate Operations Office:
TERMINAL A
1-18/1/AMR/NR, Nanakramguda, Gachibowli, Hyderabad-500032, India.
Tel No. +91 40 23139000, Fax No. +91 40 23139001, E-mail: mktg@amararaja.co.in
Website: www.amararaja.co.in, Corporate Identification Number: L31402AP1985PLC005305.

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 G.MALLU NAIDU
CHAIRMAN

SRI K.R.VICTOR RAJU
MANAGING DIRECTOR

Ref No:...RC.AD/6/2018.....

Date 04-04-2018.....

CERTIFICATE

This is to certify that Kum. K.Teja, a student of M.B.A from Dadi Institute of Engineering & Technology, Anakapalli, has carried out her project work on the subject of " CAPITAL BUDJETING" for a period of 45 days from 07-06-2017 to 21-07-2017 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

A Study on

CAPITAL BUDGETING

With special reference to

CHODAVARAM CO-OPERATIVE SUGAR LIMITED, CHODAVARAM

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

K.TEJA

(Reg. No. 16U41E0026)

Under the Esteemed guidance of

DR.P.B.RAMKUMAR

M.com,MBA, Ph.D

Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

A Study on

CAPITAL BUDGETING

With special reference to

AMARA RAJA BATTERIES LIMITED,

TIRUPATI.

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

M.JAGADISH

(Reg. No. 16U41E0027)

Under the Esteemed guidance of

Mr. A. KIRAN KUMAR

MBA.

Sr. Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

AMARA RAJA
Gotta be a better way

To

The HOD,

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY,

VIZAG.

Sub : Consent for Project work

Dear Sir/Madam,

With reference to the above subject, we are pleased to provide an opportunity to **Mr. M. JAGADISH (Reg. No: 16U41E0027)** of M.B.A., to undertaken **FINANCE** project work on the topic **"CAPITAL BUDGETING"** in our organization for the period of 45 days.

A project report needs to be submitted on completion of the project for obtaining the project Completion Certificate. It may please be noted that the student has to make his own arrangements towards boarding, lodging and transportation and the company will not pay any stipend/ allowance.

K. Nalini Kumar
AGM - Human Resources

Date : 28-05-2017

AMARON

AMARA RAJA | Johnson Controls
An Amara Raja - Johnson Controls Company

Amara Raja Batteries Limited | An Amara Raja Group Company
Registered Office & Works: Karakambadi-517520, Tirupati, Andhra Pradesh, India.
Tel No. +91 877 2265000, Fax No. +91 877 2285600, E-mail: amararaja@amararaja.co.in.
Corporate Operations Office:
TERMINAL A
1-18/1/AMR/NR, Nanakramguda, Gachibowli, Hyderabad-500032, India.
Tel No. +91 40 23139000, Fax No. +91 40 23139001, E-mail: mktg@amararaja.co.in
Website: www.amararaja.co.in, Corporate Identification Number: L31402AP1985PLC005305.

A Study on

Working capital management

With special reference to

VISHAPATANAM STEEL PLANT

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

G.VARALAKSHMI

(Reg. No. 16U41E0028)

Under the Esteemed guidance of

Mr. A . KIRAN KUMAR

MBA

Sr.Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

Rashtriya Ispat Nigam Limited

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 : GARIKINA VARALAKSHMI

Regd./Trainee No : F&A-1616

Course : M.B.A

Name of the Institute : DIET COLLEGE, ANAKAPALLI.

Project Topic : A Study on "WORKING CAPITAL MANAGEMENT" IN RINL-VSP

Period of Training : 12/06/2017 TO 24/07/2017

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

VERY GOOD

VISAKHAPATNAM

Date 24/7/17

Felicitator 24/7/17

Dr. OBM Rao

A Study on

RATIO ANALYSIS

With special reference to

THANDAVA CORPORATIVE SUGAR'S LIMITED PAYAKARAOPETA

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

V.SRAVANI

(Reg. No. 16U41E00029)

Under the Esteemed guidance of

Dr. P.B.RAM KUMAR

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

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

E Mail : thethandavasugarslimited@gmail.com
TIN : 37440214194
A.P.G.S.T. No. VSP/06/6-1009
C.S.T. No. VSP/06/1002

STD : 08854
Office : 253587
M.D. : 254091
M.D.(Res) : 254092

The Thandava Co-operative Sugars Limited, No.C.181

(SUGAR MANUFACTURERS)

PAYAKARAOPETA-531126
TUNI R.S.
Visakhapatnam Dist., A.P.

SRI S.LOVA RAJU, B.A.,
PRESIDENT.

SRI V.S.NAIDU, B.Sc., M.B.A., AVSI(Tech), ASTA,
MANAGING DIRECTOR.

Ref No. Tcs/Admn/Estt/PW/2017-18.

Dt.24.07.2017.

CERTIFICATE

This is to certify that Kumari.V.Sravani, Student of M.B.A., from Dadi Institute of Engineering & Technology, Anakapalli, Visakhapatnam District, Andhra Pradesh has successfully completed Project work on the Topic of "FINANACE –RATIO ANALYSIS " as a Part of the Curricular requirement in The Thandava C0-op. Sugars Limited., Payakaraopeta, Visakhapatnam District, Andhra Pradesh from 09.06.2017 to 24.07.2017.

During the above Period, His/Her Conduct and Character are found to be Satisfactory.

MANAGING DIRECTOR.

A Study on

BUDGET AND BUDGETARY CONTROL

With special reference to

RASHTRIYA ISPAT NIGAM LIMITED,

VISAKHAPATNAM

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

A.SIRISHA

(Reg. No. 16U41E0031)

Under the Esteemed guidance of

Mr. A. KIRAN KUMAR

MBA.

Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

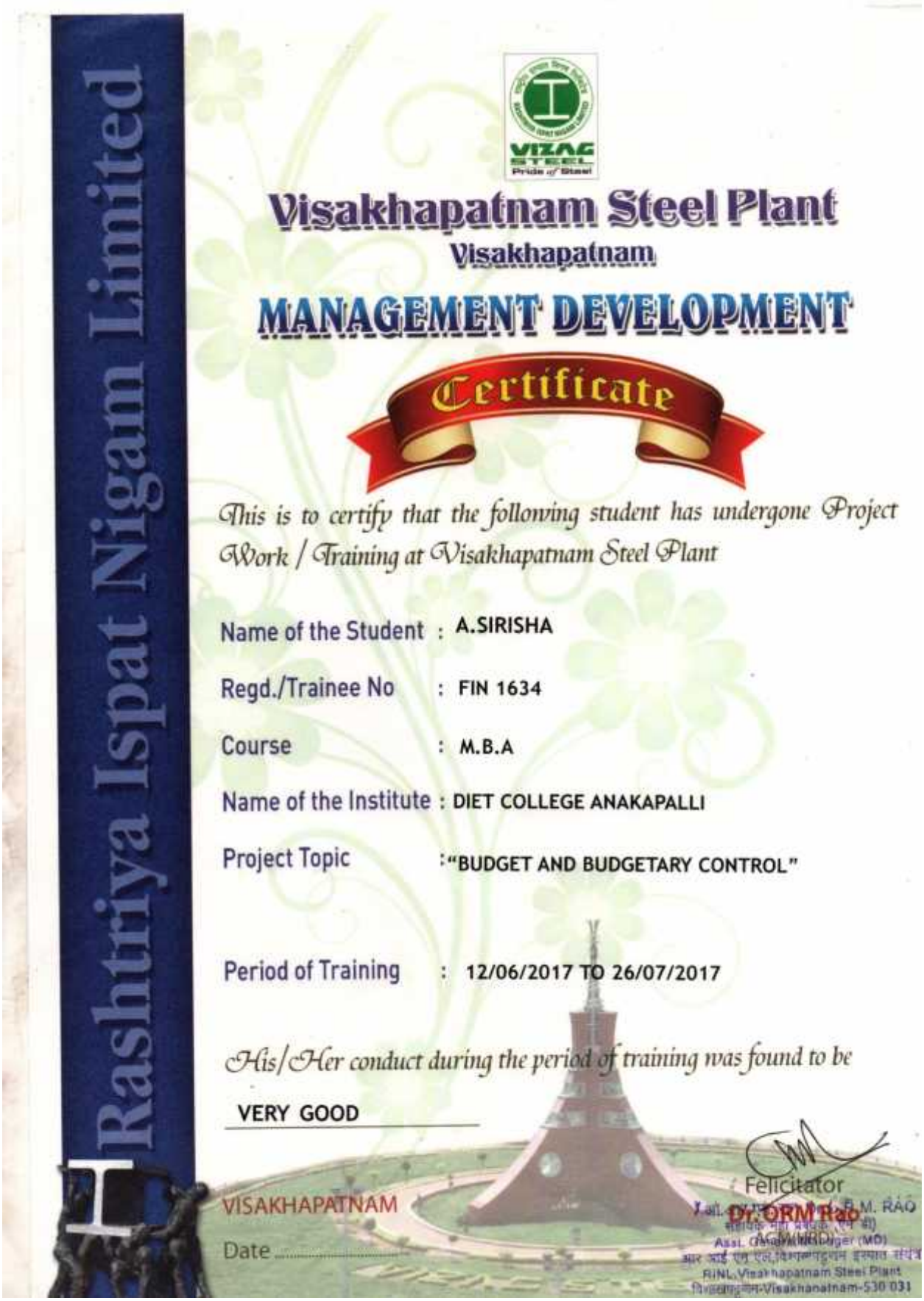
(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)


Rashtriya Ispat Nigam Limited
VIZAG STEEL
Pride of Steel
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 : A.SIRISHA
Regd./Trainee No : FIN 1634
Course : M.B.A
Name of the Institute : DIET COLLEGE ANAKAPALLI
Project Topic : "BUDGET AND BUDGETARY CONTROL"
Period of Training : 12/06/2017 TO 26/07/2017
His/Her conduct during the period of training was found to be
VERY GOOD
VISAKHAPATNAM
Date
Felicitator
Dr. ORM Rao
RINL,Visakhapatnam Steel Plant
Visakhapatnam-530 031

A Study on

WORKING CAPITAL MANAGEMENT

With special reference to

HINDUSTAN PETROLEUM CORPORATION LIMITED, VISAKHAPATNAM

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

V.MOUNICA

(Reg. No. 16U41E0032)

Under the Esteemed guidance of

Dr. P.B.RAM KUMAR

M.Com. MBA DEE PGDCA Ph.D.

Head & Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड
(भारत सरकार संस्थान) रजिस्टर्ड आफिस 17 जमशेदजी टाटा रोड, मुम्बई –400 020
HINDUSTAN PETROLEUM CORPORATION LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE) REGISTERED OFFICE:17 JAMSHEDJI TATA ROAD, MUMBAI-400 020
CIN : L23201MH1952GOI008858

विशाख रिफाइनरी, पोस्ट बाक्स नं. 15, विशाखपट्नम - 530 011 (आंध्रप्रदेश), फोन : 2895000, 2895100
VISAKH REFINERY, POST BOX NO.15, VISAKHAPATNAM-530 011 (A.P.), PHONES : 2895000, 2895100

TO WHOMSOEVER IT MAY CONCERN

Further to our letter no Fin: 1, dated 06-Apr-17, we wish to confirm that **Mr./Ms. V.Mounica, Dadi Institute of Engineering& Technology, MBA, Fin** with ID No.**16U41E0032** has completed his / her training during the period **01-Jun-17** to **11-Jul-17** at HPCL, Visakh Refinery.

M Sudha Mohan
Senior Manager-HR

एम. सुधा मोहन
M. Sudha Mohan
वरिष्ठ प्रबंधक - मा.सं.
Sr. Manager - HR
एचपीसीएल वि.रि. / HPCL - VR

Dated: -11 July 2017
Visakhapatnam

A Study on

CAPITAL BUDGETING

With special reference to

THANDAVA CO-OPERATIVE SUGAR LIMITED

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

K. KRISHNA VENI

(Reg. No. 16U41E0033)

Under the Esteemed guidance of

Dr. P. B. RAM KUMAR

Department Of MBA

Professor

M.com, MBA, Ph.D.

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

E Mail : thethandavasugarslimited@gmail.com
TIN : 37440214194
A.P.G.S.T. No. VSP/06/6-1009
C.S.T. No. VSP/06/1002

STD : 08854
Office : 253587
M.D. : 254091
M.D.(Res) : 254092

The Thandava Co-operative Sugars Limited, No.C.181

(SUGAR MANUFACTURERS) PAYAKARAOPETA-531126
TUNI R.S.
Visakhapatnam Dist., A.P.

SRI S.LOVA RAJU, B.A.,
PRESIDENT.

SRI V.S.NAIDU, B.Sc., M.B.A., AVSI(Tech), ASTA,
MANAGING DIRECTOR.

Tcs/Admn/Estt/P.W/2017-18. *Dt:10.06.2017.*

PROCEEDINGS

Sub:- Establishment– Kumari.Kodiboina Krishna Veni, Student of M.B.A., Permitted to do Project WorK – Orders issued.

Ref:- 1) Representation of Kumari.Kodiboina Krishna Veni, Student of M.B.A., dated 01.06.2017.
2) Orders of the Managing Director dated 10.06.2017.

****

ORDER:

Kumari.Kodiboina Krishna Veni, Student of M.B.A., from Dadi Institute of Engineering & Technology, Anakapalli, Visakhapatnam District is Permitted to do Project work in this factory for a period from 01.06.2017 t0 15.07.2017 on the Topic of " CAPITAL BUDGETING ".

He/She should maintain records of work during the Period of his Project work and submit the same to this Office. The factory can' not take any responsibility for any type of accidents during the above period. He/She should obey the terms and conditions imposed from time to time.

MANAGING DIRECTOR.

To:
Kumari.Kodiboina Krishna Veni,
Student of M.B.A.

Copy to: 1. Time Office
2. Accounts.

A Study on

WORKING CAPITAL MANAGEMENT

With special reference to

AMARA RAJA BATTERIES LIMITED,

TIRUPATI.

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

D.MANIKANTA

(Reg. No. 16U41E0034)

Under the Esteemed guidance of

Mr. A. KIRAN KUMAR

MBA.

Sr. Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

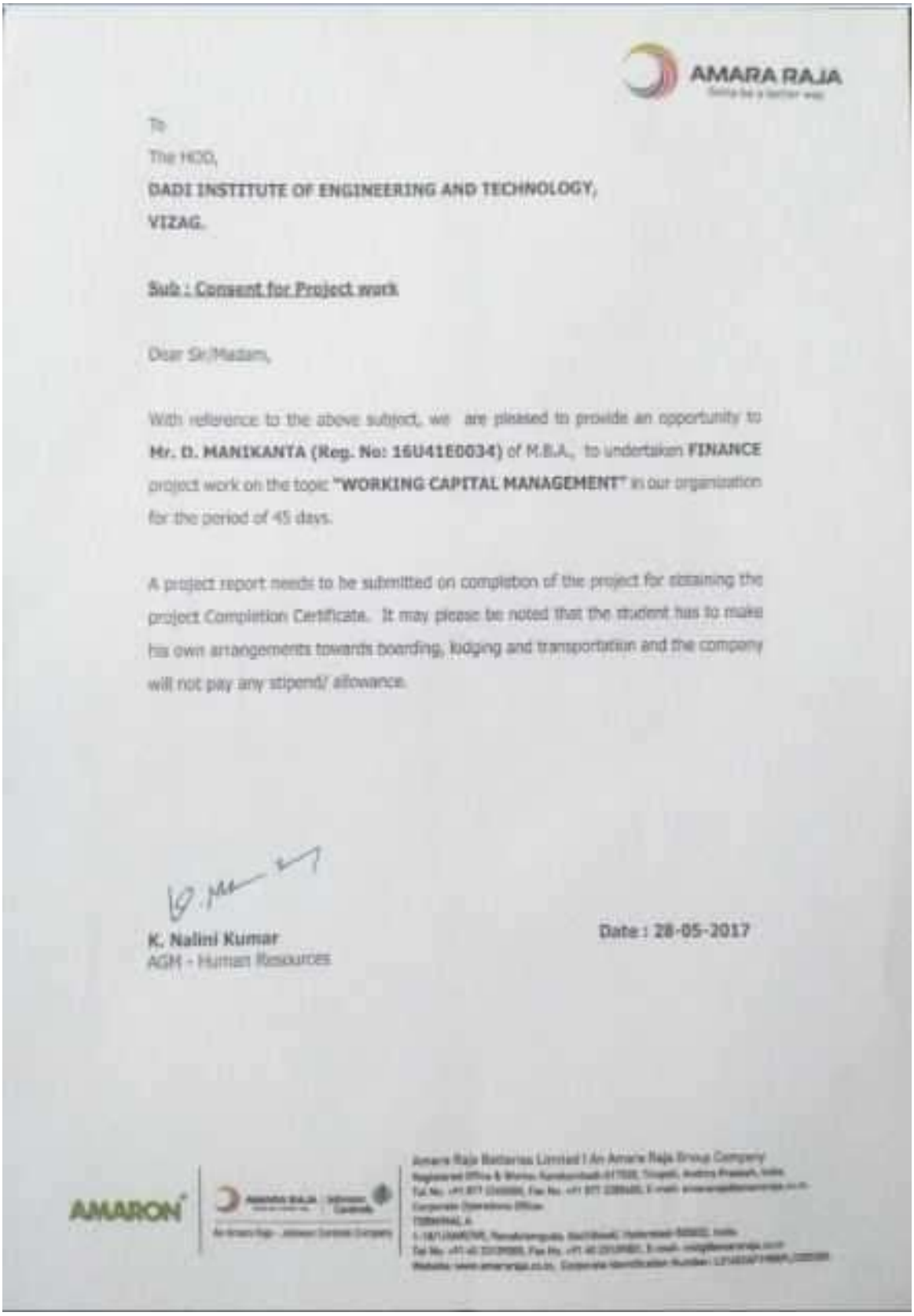
(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)



AMARA RAJA

To
The HOD,
DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY,
VIZAG.

Sub : Consent for Project work

Dear Sir/Madam,

With reference to the above subject, we are pleased to provide an opportunity to **Mr. D. MANIKANTA (Reg. No: 16U41E0034)** of M.B.A., to undertaken **FINANCE** project work on the topic **"WORKING CAPITAL MANAGEMENT"** in our organization for the period of 45 days.

A project report needs to be submitted on completion of the project for obtaining the project Completion Certificate. It may please be noted that the student has to make his own arrangements towards boarding, lodging and transportation and the company will not pay any stipend/ allowance.

K. Nalini Kumar
AGM - Human Resources

Date : 28-05-2017

AMARON

Amara Raja Batteries Limited | An Amara Raja Group Company

A STUDY ON

"PERFORMANCE APPRAISAL"

With reference to Visakhapatnam steel plant

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

P.SWATHI

(Reg. No. 16U41E035)

Under the Esteemed guidance of

Mrs. K.CHANDRIKA

MBA

Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

Rashtriya Ispat Nigam Limited

VIZAG STEEL
Pride of Steel

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 : P.SWATHI

Regd./Trainee No : HR-1635

Course : M.B.A

Name of the Institute : DIET COLLEGE ANAKAPALLI

Project Topic : "PERFORMANCE APPRAISAL"

Period of Training : 12/06/2017 TO 26/07/2017

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

VERY GOOD

VISAKHAPATNAM

Date .....

Felicitator

Dr. G.R.M. RAO
Assistant Manager (MD)
RINL,Visakhapatnam Steel Plant.
Visakhapatnam-530 031

Dr.ORM Rao
AGM(HRD)

A Study on

TRAINING AND DEVELOPMENT

With special reference to

JINDHAL STAINLESS LIMITED,

KOTHAVALASA.

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

J.LEELA KRISHNA

(Reg. No. 16U41E0036)

Under the Esteemed guidance of

Mrs. K.CHANDRIKA

MBA.

Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

JSL
JINDAL STAINLESS

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. J Leela Krishna (Reg No. 16U41E0036), Master of Business Administration** student of the DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY, ANAKAPALLI, was placed with us for training from **29 -05-2017 to 15-07-2017**. This Training has been organized as part of his study circulum.

During the period, he had done a project with the title of "**TRAINING AND DEVELOPMENT**" under the guidance of **MR. R.Y.S. NAIDU, AGM** in our company Jindal Stainless Ltd., Kottavalasa.

Mr. J Leela Krishna has shown his keen interest while doing the project. We found him enthusiastic, diligent and creative we wish him a bright future.

R.Y.S. Naidu

R.Y.S Naidu,
AGM – Human Resources.
Jindal Stainless Ltd.

Date:15-07-2017

Jindal Stainless (Hisar) Limited
CIN : L27205HR2013PLC049963
Works : Ferro Alloys Division, Jindal Nagar, Kothavalasa - 535 183, Dist. Vizianagaram
T : 91-8966 - 263254, 327, 335, F : 91-8966-263326, Website : www.jindalstainless.com
City Office : Jindal Bhavan, 58-17-1/1, Sanjeevayya Nagar, NAD Kotha Road Jn., Visakhapatnam - 530 009
T : 91-891-2574998, F : 91-891-2574996, E : jindalkvs@rediffmail.com, jindalkvs@jindalsteel.com
Corporate Office : Jindal Centre, 12, Bhikaiji Cama Place, New Delhi - 110 066, India
Regd. Office : O.P. Jindal Marg, Hisar - 125005, Haryana

A Study on

COST VOLUME PROFIT ANALYSIS

With special reference to

CHODAVARAM CO-OPERATIVE SUGARS LIMITED, GOVADA

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

A.KAVYA SAMHITHA

(Reg. No. 16U41E0037)

Under the Esteemed guidance of

Dr. P. B. RAM KUMAR

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

Head &Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

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 G.MALLU NAIDU
CHAIRMAN

SRI K.R.VICTOR RAJU
MANAGING DIRECTOR

Ref No:...**RC.AD/6/2017-18**

Dat**18-02-2018**.....

CERTIFICATE

This is to certify that Kum. A.Kavya Samhitha, a student of M.B.A from Dadi Institute of Engineering & Technology, Anakapalli, has carried out her project work on the subject of "COST - VOLUME - PROFIT ANALYSIS" for a period of 45 days from 5-06-2017 to 20-07-2017 in this Organization.

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

MANAGING DIRECTOR

A Study on

WORKING CAPITAL MANAGEMENT

With special reference to

THE CHODAVARAM CO-OPERATIVE SUGARS LIMITED, GOVADA

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

R.SAI LAXMI

(Reg. No. 16U41E0038)

Under the Esteemed guidance of

Dr. P.B. RAMA KUMAR

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

Head & Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

APGST. No. Vsp/05/4/1410 Dt. 4-8-62
CST. No. Vsp/05/4/1011 Dt. 28-1-1960
TIN No. 28730109295
PAN No. AAAAT 4375 N
E.C.C. Code No. AAAAT 4375 N XM 001.

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 G.MALLU NAIDU
CHAIRMAN

SRI K.R.VICTOR RAJU
MANAGING DIRECTOR

Ref No:.....

Date : 19-08-2017

CERTIFICATE

This is to certify that Kum. R.Sai Lakshmi, a student of MBA from Dadi Institute of Engineering & Technology Anakapalli, has carried out her project work on the subject of "WORKING CAPITAL MANAGEMENT" for a period of 45 days from 5-6-2017 to 19-7-2017 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 Pr

A Study on

INDUSTRIAL RELATIONS

With special reference to

RINL-VISAKHAPATNAM STEELPLANT

A Project report submitted to the JNTU, Kakinada in partial fulfillment for the award of the Degree of

MASTER OF BUSINESS ADMINISTRATION

Submitted by

AVUTU VISHNU VARDHAN REDDY

(Reg. No. 16U41E0039)

Under the Esteemed guidance of

Mrs. K.CHANDRIKA

MBA, Assistant Professor

Department Of Management Studies

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E & Affiliated to J.N.T.U, Kakinada)

NAAC Accredited Institute

(As ISO 9001-2008 Certified Institution)

ANAKAPALLE-531002

(2016-2018)

Rashtriya Ispat Nigam Limited

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	:	VISHNU VARDHAN REDDY AVUTU
Regd./Trainee No	:	HR-1653
Course	:	M.B.A
Name of the Institute	:	DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLI
Project Topic	:	A Study on "INDUSTRIAL RELATIONS" IN RINL-VSP
Period of Training	:	19/06/2017 TO 05/08/2017

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

VERY GOOD

Felicitation

Dr. ORM Rao

A Project Report

On

TABILIZATION OF BLACK COTTON SOILS BY USING INDUSTRIAL WASTES

Submitted to JNTU-KAKINADA for fulfilment of award of

DEGREE OF BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

BY

K.Lokesh (15U45A0112)
R.Ganesh (15U45A0115)
B.L.Prasad (13U41A0104)

D.Yeswanth (15U45A0125)
K.Shanmukha Sai (15U45A0111)

UNDER THE ESTEEMED GUIDANCE OF

Miss. S.D.R.L. Pavani

Assistant Professor

DEPARTMENT OF CIVIL ENGINEERING

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Affiliated to JNTU, Kakinada, Approved by AICTE, NEW DELHI)

NAAC Accredited Institute

NH-5, ANAKAPALLE-53100

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVI ENGINEERING

CERTIFICATE

This is to certify that the project work entitled "STABILIZATION OF BLACK COTTON SOIL BY USING INDUSTRIAL WASTES" that is being submitted by for the fulfilment of the degree of **K.LOKESH (15U45A0112), D.YASWANTH(15U45A0125), R.GANESH(15U45A0115), K.SHANMUKHA SAI(15U45A0111), B.L.PRASAD(13U41A0104)** bachelor of technology in Civil Engineering to Jawaharlal Nehru Technological University- Kakinada is a record of bonafied work carried out by them under my guidance and supervision

3/4/2018

Miss. S.D.R.L. Pavani,
Assistant Professor,
Civil Engineering,

Project Guide.

Dr.K.Hari Krishna, Ph.D.
H.O.D. CIVIL ENGINEERING,
DIET.

Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech
Anakapalli - 531 001.

External Examiner

A project Report on

AN EXPERIMENTAL INVESTIGATION IS ON PARTIAL REPLACEMENT OF CEMENT WITH GGBS, FINE AGGREGATE WITH GRANITE POWDER AND COARSE AGGREGATE WITH CERAMIC TILE PIECES

Submitted to "JNTU-KAKINADA"FOR FULFILMENT OF AWARD OF DEGREE OF

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

B. KOMALA	**(15U45A0122)**
A.VINEETHA	**(14U41A0101)**
S.MANOJ	**(15U45A0116)**
K. SIVA RAM	**(14U41A0106)**
M.MOHAN	**(15U45A0113)**

Under the Esteemed Guidance of

Miss. J.B.S.BHARATHI M.Tech

Assistant professor

DEPARTMENT OF CIVIL ENGINEERING

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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

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

NAAC accredited Institution

NH -5, ANAKAPALLE – 531 002, Visakhapatnam, A.P.www.diet.edu.in

(2014 – 2018)

DADI INSTITUTE OF ENGINEERING &TECHNOLOGY

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ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified
NAAC accredited Institution
NH -5, ANAKAPALLE – 531 002, Visakhapatnam, A.P.www.diet.edu.in
(2014 – 2018)

CERTIFICATE

This is to certify that the Project Work entitled " **AN EXPERIMENTAL INVESTIGATION ON PARTIAL REPLACEMENT OF CEMENT WITH GGBS, FINE AGGREGATE WITH GRANITE POWDER AND COARSE AGGREGATE WITH CERAMIC TILE PIECES**" That is being submitted by **B. KOMALA (15U45A0122), A.VINEETHA (14U41A0101), S.MANOJ (15U45A0116), K. SIVA RAM (14U41A0106) , M.MOHAN (15U45A0113)** for the fulfillment of the degree of bachelor of technology in CIVIL ENGINEERING to Jawaharlal Nehru Technological University – Kakinada is a record of bonafide work carried out by him under my guidance and supervision.

PROJECT GUIDE

MS.J.B.S.BHARATHI

HEAD OF THE DEPARTMENT

DR. K. HARI KRISHNA

Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech
Anakapalli - 531 001.

EXTERNAL EXAMINER

A Project Report

on

PERFORMANCE EVALUTION FOR STRENGTH OF M40 DESIGN MIX CONCRETE WITH PARTIAL REPLACEMENT OFCONVENTIONAL INGREDIENTS IN CEMENT AND FINE AGGREGATE

SUBMITTED TO "JNTU KAKINADA" FOR FULFILMENT OF AWARD Of

DEGREE OF
BACHELOROFTECHNOLOGY
IN
CIVIL ENGINEERING

BY

S.SATEESH	(15U45A0117)
L.SANTHOSHIKUMARI	(15U45A0126)
N.R.AVINASH	(14U41A0108)
B.SRIHARI	(14U41A0102)
I.ANUSHA	(15U45A0127)
CH.SUNIL KUMAR	(13U41A0106)

UNDER THE ESTEEMED GUIDANCE OF

Miss.V.ALIVELU MANGAMMA M-tech
Assistant Professor

DEPARTMENT OF CIVIL ENGINEERING

DADI INSTITUTE OF ENGNEERING AND TECHNOLOGY
(Approved by AICTE,NAAC and affiliated to JNTUK, Kakinada, A.P)

An ISO 9001:2008 Certified Institution

2014-2018

DADI INSTITUTE OF ENGNEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERIG

CERTIFICATE

This is to certify that the project entitled " **PERFORMANCE EVALUTION FOR M40 DESIGN MIX CONCRETE WITH PARTIAL REPLACEMENT OF CONVENTIAL IN GREDIANTS IN CEMENT AND FINEAGGREGATE** " is submittedbyS.SATEESH(15U45A0117),L.SANTHOSHIKUMARI(15U45A0126),B. SRIHARI(14U41A0102),N.R.AVINASH(14U41A0108).I.ANUSHA(15U45AO127) and CH.SUNIL KUMAR(13U41A0106) and is a bonafide work done by them in partial fulfillment of the requirement for the award of degree of Bachelor Of Technology in Civil Engineering of Jawaharlal Nehru Technological University, *Kakinada during the academic year 2014-2018.*

PROJECT GUIDE

Miss.V.ALIVELU MANGAMMA M-tech

Assistant Professor

Department Of Civil Engineering

HEAD OF THE DEPARTMENT

Dr. K.HARI KRISHNA Ph.D

Head Of The Civil Department

Department Of Civil Engineering

Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech
Anakapalli - 531 001

EXTERNAL EXAMINER

"PERFOMANCE OF FLEXIBLE PAVEMENTS WITH THE USAGE OF COIR FIBERS AND GLASS FIBERS"

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

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

14

Submitted by

T.SRIKANTH	(14U41A0111)
K.SURESH	(15U45A0107)
L.MURALI KRISHNA	(15U45A0132)
R.SANTHOSH KUMAR	(15U45A0121)
J.ANIL	(15U45A0134)

Under the Esteemed Guidance of

Miss. B. Ramya,
M.E. (T.E),
Assistant Professor,
Department of Civil engineering.

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY **(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada) ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution NAAC ACCREDITED**
NH -5, ANAKAPALLE – 531 002, Visakhapatnam, A.P.www.diet.edu.in

(2014 – 2018)

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada) NAAC ACCREDITED
ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution
NH -5, ANAKAPALLE – 531 002, Visakhapatnam, A.P.
E-Mail: info@diet.edu.in, Website – www.diet.edu.in

DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the Project Work entitled "PERFOMANCE OF FLEXIBLE PAVEMENTS WITH THE USAGE OF COIR FIBERS AND GLASS FIBERS" is a bondfied work done by **T.SRIKANTH (14U41A0111), K.SURESH (15U45A0107), L.MURALI KRISHNA (15U45A0132), R.SANTHOSH (15U45A0121), J.ANIL (15U45A0134)** in partial fullfillment of the curriculum of **Bachelor of technology in Civil Engineering** during the academic year 2014 – 2018.

Miss. B. Ramya,
M.E. (T.E),
Assistant Professor,
PROJECT GUIDE

Prof.Dr. K. Hari Krishna
Ph.D
HEAD OF THE CIVIL DEPARTMENT

Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech
Anakapalli - 531 001.

EXTERNAL EXAMINER

A PROJECT REPORT
ON

DESIGN AND ANALYSIS OF MULTISTORED COMMERCIAL BUILDING G+10 BY USING STAAD PRO

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

P.VENKATALAKSHMI	(15U45A0130)
A. SAI BABU	(15U45A0129)
J. SYAMALATHA	(14U41A0113)
K. SIVA NANADHA	(14U41A0107)
CH. SYAM SHEKHAR	(14U41A0104)

Under the Guidance of

Sri.G. NARA HARI M.Tech

Assistant Professor,

DEPARTMENT OF CIVIL ENGINEERING

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK,Kakinada)
NAAC Accredited Institute
ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution
NH -5, ANAKAPALLE – 531 002, Visakhapatnam, A.P.www.diet.edu.in

(2014 – 2018)

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada)
NAAC ACCREDITED INSTITUTE
ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution
NH -5, ANAKAPALLE – 531 002, Vsakhapatnam, A.P.
E-Mail: info@diet.edu.in, Website – www.diet.edu.in

DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the Project Work entitled **"DESIGN AND ANALYSIS OF MULITISTORED COMMERICAL BUILDING G+10 BY USING STAAD PRO"** is a bona fide work done by **P. VENKATALAKSHMI (15U45A0130), A. SAI BABU (15U45A0129), J. SYAMALATHA (14U1A0113),K. SIVA NANDHA (14U41A0107), CH. SHYAM SEKHAR(14U41A0104)**, in partial fulfillment of the curriculum of **Bachelor of Technology in civil Engineering** during the academic year 2014 – 2018.

Mr.G. NARAHARI, M.Tech.
Assistant Professor,
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PROJECT GUIDE

Dr. K . HARI KRISHNA, Ph.D.
Head of the department,
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Head of the Department
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EXTERNAL EXAMINER

EXPERIMENTAL INVESTIGATION ON FULLY RECYCLED COARSE AGGREGATE CONCRETE AT VARIOUS ATMOSPHERIC CONDITIONS

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

G.VENKATESH	(15U45A0120)
P.GANGA PRASAD	(14U41A0109)
G GANESH	(15U45A0105)
K. RAGHU	(15U45A0110)
G.CH R N S KUMAR	(15U45A0106)

Under the Esteemed Guidance of

Sri M. RVSG GUPTHA
Assistant Professor,
Department of CIVIL

DADI INSTITUTE OF ENGINEERING &TECHNOLOGY
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DEPARTMENTOF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the project work entitled " **EXPERIMENTAL INVESTGATION ON FULLY RECYCLED COARSE AGGREGATE CONCRETE AT VARIOUS ATMOSPHERIC CONDITIONS** " is a bonafide record work done by **G.VENKATESH(15U41A0120) , P.GANGA PRASAD (14U41A0109) , G GANESH (15U45A0105) , K. RAGHU (15U45A0110), G.CH R N S KUMAR (15U45A0106)** , in partial fulfillment of the curriculum of B.Tech. IV Year II Semester in CIVIL Engineering during the academic year 2017-2018

PROJECT GUIDE
Mr. M. RVSG GUPTHA M,Tech
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HEAD OF THE DEPARTMENT
Dr. K. HARI KRISHNA PhD
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EXTERNAL EXAMINER

A PROJECT REPORT

ON

TO STUDY THE EFFECT OF BAGASSE ASH ON STRENGTH CHARACTERISTICS OF BLACK COTTON SOIL

SUBMITTED TO JNTU-KAKINADA FOR FULFILMENT OF AWARD OF

DEGREE OF

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

BY

P.NEELIMA (14U41A0110)

B.VIJAYA LAKSHMI (15U45A0101) T.Y.KISHORE (15U45A0133)

P.CHIRANJEEVI (15U45A0104) P.NAGU (15U45A0119)

UNDER THE ESTEEMED GUIDANCE OF

Sri. B.SESHAGIRI RAO

Assistant Professor

DEPARTMENT OF CIVIL ENGINEERING

DADI INSTITUTE OF CIVIL ENGINEERING & TECHNOLOGY

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2014 -2018

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the project work entitled "TO STUDY THE EFFECT OF BAGASSE ASH ON STRENGTH CHARACTERISTICS OF BLACK COTTON SOIL" that is being submitted by " P.NEELIMA(14U41A0110), B.VIJAYA LAKSHMI(15U45A0101),P.CHIRANJEEVI(15U45A0104),P.NAGU(15U45A0119), T.YADU KISHORE(15U45A0133)" for the fulfillment of the Degree of Bachelor of Technology in Civil Engineering to Jawaharlal Nehru Technological University-Kakinada is a record of bonified work carried out by them under my guidance and supervision.

B. Seshagiri Rao

Project Guide
Sri B.Seshagiri Rao,
Assistant professor,
Dept. of Civil Engineering.

Head of the Department
Dr.K.Hari Krishna Ph.D,
Professor & Head,
Dept. of Civil Engineering,
DIET.

Head of the Department
Civil Engineering
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External Examiner

A Project Report
On

PERFORMANCE EVALUATION ON PERVIOUS CONCRETE BY PARTIAL REPLACEMENT OF GLASS POWDER IN CEMENT

Submitted to "JNTU-KAKINADA" for the fulfillment requirements for the award of degree of

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

25

Submitted by

CH.JAGADEESWARA RAO	(15U45A0102)
K.KURMA RAO	(15U45A0108)
G.NAGA NOOKESH	(15U45A0135)
P.V.SANTOSH KUMAR	(15U45A0123)
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Anakapalle, Vishakhapatnam

Certificate

This is to certify that the Project Work entitled **"Performance evaluation on pervious concrete by partial replacement of glass powder in cement"** is a bonafide work done by Ch.jagadeeswara Rao (15U45A0102), K.Kurma Rao (15U45A0108), P.V.Santosh Kumar (15U45A0123), G.Naga nookesh (15U45A0135), D.Siva sai (13U41A0109), in partial fulfillment of the curriculum of **Bachelor of Technology in Civil Engineering** during the academic year 2017-2018.

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PROJECT GUIDE

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Head of the Department
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EXTERNAL EXAMINER

A Project Report

On

COST EFFECTIVE ALTERNATIVE CURING METHOD - A BOON TO NATURAL RESOURCES

SUBMITTED TO "JNTU – KAKINADA" FOR FUL FILMENT OF AWARD OF

DEGREE OF

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

K.GOVINDA RAO	**(15U45A0113)**
V.SUNANDHA MYTHREYI	**(14U41A0112)**
N.TATAJI	**(15U45A0128)**
M.HARITHA	**(15U45A0131)**
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Under the Esteemed Guidance of

Dr. K. HARI KRISHNA,

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DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the Project Work entitled **"COST EFFECTIVE ALTERNATIVE CURING METHOD - A BOON TO NATURAL RESOURCES"** is a bonifide work done by **K.GOVINDA RAO (15U45A0113), V.SUNANDHA MYTHREYI (14U41A0112), N.TATAJI (15U45A0128), M.HARITHA (15U45A0131), CH.SRINU (15U45A0103),**in partial fulfillment of the curriculum of **Bachelor of Technology in civil Engineering** during the academic year 2014 – 2018

Dr. K. HARI KRISHNA

PROJECT GUIDE

Dr. K. HARI KRISHNA

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Head of the Department
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Anakapalli - 531 001.

EXTERNAL EXAMINER

A Project report on

CONSTRUCTION TECHNIQUES FOR RETROFITTING BY JACKETING OF RCC MEMBER

Submitted in partial fulfillment of the requirements

For the award of degree of

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

K.SHANMUKA RAO (15U45A0109)

KIRAN BEHERA (14U41A0105)

P.SATYANRAYANA (15U45A0136)

G.RAGHU RAM (15U45A0124)

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Under the Esteemed Guidance of

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2014-2018

CERTIFICATE

This is to certify that the project entitled " **CONSTRUCTION TECHNIQUES FOR RETROFITTING BY JACKETING OF RCC MEMBER**" is submitted by K.SANMUKA RAO (15U45A0109), P.SATYANARAYA(15U45A0137),P.KANAKA TRIPURA SUNDARI (15U45A0137), KIRAN BEHERA (14U41A0105) And G.RAGHURAM(15U45A0124) and is a bonafide work done by them in partial fulfillment of the requirement for the award of degree of Bachelor Of Technology in Civil Engineering of Jawaharlal Nehru Technological University, Kakinada during the academic year 2014-2018.

PROJECT GUIDE

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EXTERNAL EXAMINER

SELF REGULATION AND RUNNIING OF IRRIGATION SYSTEM USING SOLAR POWER

A Main Project Report Submitted in partial fulfilment of the requirement for the award of the degree

BACHELOR OF TECHNOLOGY
IN
ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

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P. RAJEE (14HN1A0213)

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D.MANIKANTA (15U45A0212)

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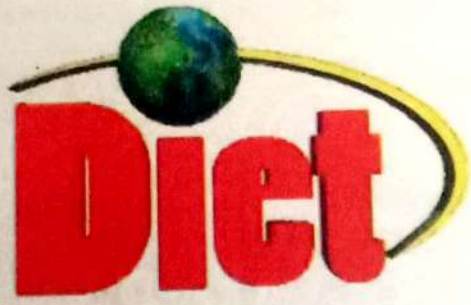

Department of Electrical & Electronics Engineering

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ANAKAPALLI, VISAKHAPATNAM – 531002, A.P.

2014-2018

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

DEPARTMENT
OF
ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the dissertation work entitled "SELF REGULATED AND RUNNNING OF IRRIGATION SYSTEM USING SOLAR POWER" is the bonafide record submitted by the students of 4th B.Tech

B. MURALI	(15U45A0206)
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Microcontroller based load shedding using GSM (Global System for mobile Communication)

A Main Project Report Submitted in partial fulfilment of the requirement for the award of the degree

BACHELOR OF TECHNOLOGY
IN
ELECTRICAL AND ELECTRONICS ENGINEERIG

Submitted by

S. ANUSHA (15U45A0232)

S. D. DIVYA SREE (14U41A0212) **V. KRISHNA (15U45A0238)**

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This is certify that the dissertation work entitled " MICROCONTROLLER BASED LOAD SHEDDING USING GSM" is the bonified record submitted by the students of 4th B.Tech

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G. Jagadeesh

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Prof. R.V.S Lakshmi Kumari,

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29

CHILD OR WOMEN TRACKING & SECURITY SYSTEM BY USING GSM

Main Project Report Submitted in partial fulfillment of the requirement for the award of the degree

BACHELOR OF TECHNOLOGY IN

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted By

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M.SRINU (15U45A0248) **V.S.S.V.RAMA DEVI (15U45A0236)**

Under the Esteemed Guidance of

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Department of Electrical & Electronics Engineering

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project work entitled is *the* **CHILD OR WOMEN TRACKING & SECURITY SYSTEM BY USING GSM** bonafide work by

K.SHALEM RAJ KUMAR	**(15U45A0218)**
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Signature of the supervisor

Project Guide

Mr.K VIJAY KUMAR, M.E,(Ph.D),

Associate Professor, E.E.E.

Signature of the HOD

Head of the Departmaent

Mrs.R.V.S.Lakshmi Kumari, M.Tech,(Ph.D),

Professor Department of E.E.E

Signature of the External

IMPROVEMENT OF VOLTAGE PROFILE IN RADIAL DISTRIBUTION SYSTEM USING CLUSTERING ANALYSIS WITH DG

Project Report Submitted in partial fulfilment of the requirement for the award of the degree.

BACHELOR OF TECHNOLOGY
IN
ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

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B.JASWANTH	(15U45A0208)	G.MANOJ KUMAR	(14U41A0205)

Under the Esteemed Guidance of

Mr. M.RAJARAO, M.E.

Assistant Professor, Dept. of EEE

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Andhra Pradesh, INDIA
2014-2018

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project work entitled **IMPROVEMENT OF VOLTAGE PROFILE IN RADIAL DISTRIBUTION SYSTEM USING CLUSTERING ANALYSIS WITH DG** is the bonafide work by

U. MADHAVI	(15U45A0235)
P. THULASI RAO	(15U45A0230)
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Project Guide
Mr. M. RAJARAO, M.E.
Assistant Professor, **EEE**

RVS Lakshmi Kumari 3/4/18
Head of the Department
Prof. R.V.S LAKSHMI KUMARI, M.Tech.(PhD)
Professor, **EEE**

EXTERNAL EXAMINER

DYNAMIC MODELLING AND PERFORMANCE ENHANCEMENT OF INDUCTION MOTOR BY INDIRECT VECTOR CONTROL USING MATLAB SIMULINK

A Main Project Report Submitted in partial fulfillment of the requirement for the award of the degree

BACHELOR OF TECHNOLOGY
IN
ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

A.HANUMANTHU (15U45A0202)

K.HARIKRISHNA (15U45A0215)

B.BHARGAV (15U45A0207)

M.RAVI (15U45A0243)

K.SANTOSH (15U45A0242)

S.UDAYKUMAR (14U41A0215)

Under the Esteemed Guidance of

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ANAKAPALLI , VISAKHAPATNAM – 531002 , A.P.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is certify that the dissertation work entitled " DYNAMIC MODELLING AND PERORMANCE ENHANCEMENT OF INDUCTION MOTOR BY INDIRECT VECTOR CONTROL USING MATLAB SIMULINK " is the bonifiedrecord submitted by the students of 4th B.Tech

A.HANUMANTHU	(15U45A0202)
K.HARIKRISHNA	(15U45A0215)
B.BHARGAV	(15U45A0207)
M.RAVI	(15U45A0243)
K.SANTOSH	(15U45A0242)
S.UDAY KUMAR	(14U41A0215)

During the academic year 2017-2018 in partial fulfillment of the requirement for the award Bachelor of technology in Electrical and Electronics Engineering (2014-2018) of Jawaharlal Nehru Technological University, Kakinada.

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Head of theDepartment

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M.Tech, (PhD),LMiSTE

External Examiner

OPTIMAL PLACEMENT AND SIZING OF SVC AND TCSC IN TRANSMISSION SYSTEM TO IMPROVE THE POWER TRANSFER CAPABILITY

Main Project Report Submitted in partial fulfilment of the requirement for the award of the degree

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

G.RAMA KRISHNA (14U41A0204)

S.NISHANT (14U41A0213)

S.V.SATEESH (14U41A0214)

D.L.V.SAI KIRAN (15U45A0211)

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Under the Esteemed Guidance of

Prof. R.V.S.LAKSHMI KUMARI, M.Tech (Ph.D)

Head of the Department (EEE)

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK) [NAAC ACCREDITED]

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CERTIFICATE

This is to certify that the project work entitled "**OPTIMAL PLACEMENT AND SIZING OF SVC AND TCSC IN TRANSMISSION SYSTEM TO IMPROVE THE POWER TRANSFER CAPABILITY**" is the bonafide work by :-

G.RAMAKRISHNA	(14U41A0204)
S.NISHANT	(14U41A0213)
S.V.SATEESH	(14U41A0214)
M.VEENA	(15U45A0244)
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J.CH.V.G. KAMARAJU	(15U45A0216)

in partial fulfilment of the curriculum of 4th Year 2nd Semester **ELECTRICAL AND ELECTRONICS ENGINEERING** during the academic year 2017-2018.

RVS 3/4/18

INTERNAL GUIDE

PROF. R.V.S. LAKSHMI KUMARI

M.Tech (Ph.D)

RVS 3/4/18

HEAD OF THE DEPARTMENT [EEE]

PROF. R.V.S. LAKSHMI KUMARI

M.Tech (Ph.D)

PROTECTION OF TRANSFORMER FROM OVERLOADING USING MICROCONTRLLER BASED RELAY

Main Project Report Submitted in partial fulfilment of the requirement for the award of the degree

BACHELOR OF TECHNOLOGY
IN
ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

G.OOHA (15U45A0214)

E.RUPENDRA KRISHNA (15U45A0213) **C.V.S.ANIRUDH** (15U45A0210)

A. JITHENDRAPRASAD (15U45A0203) **A .TRINADHO** (15U45A0201)

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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In partial fulfilment of the curriculum of 4th year 2nd semester **ELECTRICAL AND ELECTRONICS ENGINEERING** during the academic year 2017-2018.

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EXTERNAL EXAMINER

WAR FIELD SPYING ROBOT USING ANDROID

A Main Project Report Submitted in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL & ELECTRONICS ENGINEERING

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EXTERNAL EXAMINER

BLUETOOTH BASED SPEED AND DIRECTION CONTROL OF DC MOTOR USING ARDUINO

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

BACHELOR OF TECHNOLOGY
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EXTERNAL EXAMINER

DESIGN OF REAL TIME POWER FACTOR CORRECTION WITH LOAD BALANCING TECHNIQUE USING CURRENT SENSOR

A Project Report Submitted in partial fulfillment of the requirement for the award of the degree

BACHELOR OF TECHNOLOGY
IN
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EXTERNAL EXAMINER

SMART ENERGY METER WITH VOICE ASSISTANT AND SMS ALERT BY USING GSM MODULE

Project Report Submitted in partial fulfillment of the requirement for the award of the degree

BACHELOR OF TECHNOLOGY

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PFC OF BLDC MOTOR DRIVE USING BRIDGE LESS LUO-CONVERTER AND CUK CONVERTER

A

Main Project

Report submitted in partial fulfilment of the requirements for the award of the degree

Of

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PERFORMANCE ANALYSIS OF IMAGE DENOISING USING WAVELET TRANSFORM AND THRESHOLDING TECHNIQUES

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

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EXTERNAL EXAMINER

ABSTRACT

Image Denoising is an important pre-processing task before further processing of image like segmentation, feature extraction, texture analysis etc. The purpose of denoising is to remove the noise while retaining the edges and other detailed features as much as possible. This noise gets introduced during acquisition, transmission & reception and storage & retrieval processes. As a result, there is degradation in visual quality of image. The noises considered in this paper Gaussian Noise, Salt Pepper Noise, Speckle Noise, Poisson noise.

Wavelets play a major role in image compression and image denoising. In wavelet transform we can use different types of wavelet approaches for finding Mean Square Error (MSE) and Peak Signal to Noise Ratio (PSNR) based on approaches for denoising the image. Image denoising is a noise removal technique used to remove noise from noisy image. The wavelet is one of the most popular techniques in recent developments in image denoising. It is effective in denoising because of its energy transformation ability to get wavelet coefficients.

DESIGN OF COMPACT CIRCULARLY POLARIZED CROSS-SHAPED SLOTTED MICROSTRIP ANTENNA

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

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IN

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EXTERNAL EXAMINER

ABSTRACT

A compact cross-shaped slotted microstrip patch antenna is proposed for circularly polarized (CP) radiation. A symmetric, cross-shaped slot is embedded along one of the diagonal axes of the square patch for CP radiation and antenna size reduction. The structure is asymmetric (unbalanced) along the diagonal axes. The overall size of the antenna with CP radiation can be reduced by increasing the perimeter of the symmetric cross-shaped slot within the first patch quadrant of the square patch. The performance of the CP radiation is also studied by varying the size and angle variation of the cross-shaped slot. A measured 3-dB axial-ratio (AR) bandwidth of around 6.0 MHz is achieved with the CP cross-shaped slotted microstrip antenna, with an 900 MHz 14-dB return-loss bandwidth. While the overall antenna volume is $0.273\lambda o \times 0.273\lambda o \times 0.013\lambda o$ (λo operating wavelength at 910 MHz).

IMPLEMENTATION OF BASIC GATES USING MODIFIED CPTL & 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

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EXTERNAL EXAMINER

ABSTRACT

Logic gates are the basic building blocks for combinational circuits design. Conventional CMOS AND & OR gates consists six transistors each, increasing the transistor count increases the chip area, power dissipation, delay time and the logic has implemented in two stage circuit. To reduce these parameters CPTL configuration is taken, in this design the transistor count is reduced, so that the other parameters also will be changed. In this project the modified AND & OR gates are implemented by using only two transistors in CPTL logic and the logic has implemented in one stage circuit. By using two transistors, it consumes less area, less power and increase the speed of operation.

Here the modified AND & OR in CPTL logic are designed by overcoming the limitation in existing paper and the proposed design is implemented and verified by using TANNER TOOL.

DESIGN OF A NEW LOW POWER PULSE-TRIGGERED FLIP-FLOP BASED ON SIGNAL FEED-THROUGH

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

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IN

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EXTERNAL EXAMINER

ABSTRACT

Low power design has become one of the main concerns in Very Large Scale Integration design. Among the various building blocks in digital designs, one of the most complex and power consuming is the flip-flop. As transistors used have small area and low power consumption, they can be used in various applications like digital VLSI clocking system, buffers, registers, counters, microprocessors etc. Proper selection of flip-flop is necessary in order to satisfy low power and high performance circuit. A low-power flip-flop (FF) design featuring an explicit type pulse-triggered structure and a modified true single phase clock latch based on a signal feed-through scheme is presented in this project. The proposed design successfully solves the long discharging path problem in conventional explicit type pulse-triggered Flip Flop (P-FF) designs and achieves better speed and power performance by reducing number of transistors. The designed circuits are simulated using TANNER EDA 250nm process technology.

Comparative Analysis of Multi Element Patch Array Antenna

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

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IN

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This is to certify that project entitled **"COMPARATIVE ANALYSIS OF MULTI ELEMENT PATCH ARRAY ANTENNA"**, being submitted by **K.P. CHANDRA SEKHAR, B.SANTHI, U. JAYA, M. JHANSI, P. GANESH** bearing **Roll No: 15U45A0419, 14U41A0403, 15U45A0417, 15U45A0408, 14U41A0425** in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in **ECE** to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out under my guidance and supervision.

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EXTERNAL EXAMINER

ABSTRACT

Antenna engineering and communication system always compliment with each other. In wireless communication systems, always with appreciable performance is a desired one and it should be compact as well as flexible in nature. Rectangular microstrip patch antenna with single element can satisfy the above-mentioned criteria, but it is not suitable for the radar communication. In view of the above mentioned facts, this endeavor purely concentrates on the design of the antenna array with 2,4 and 8-element by using edge feeding technique parallelly to all the elements. The multi-element antenna array is designed and their characteristics are compared with each other. The operating frequency for this design hangs around 10 GHz. FR4 epoxy with a dielectric constant of 4.4 and loss tangent of 0.02 has been chosen as a dielectric material to carry out the design and HFSS is the platform for the implementation.

DESIGN OF A NEW LOW POWER AND AREA EFFICIENT HARDENED FLIP-FLOP BASED ON DYNAMIC LOGIC

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 project entitled **"DESIGN OF A NEW LOW POWER AND AREA EFFICIENT ERROR HARDENED FLIP-FLOP BASED ON DYNAMIC LOGIC"**, being submitted by **R PRASANNALAXMI, B SAI DEEPTHI, B RAJA PHANINDRA,M TARUNKUMAR, N P C VARMA** bearing **Roll No's: 15U45A0410, 15U45A0402, 15U45A0401, 14U41A0415, 14U41A0416** in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in **ECE** to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by him under my guidance and supervision.

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EXTERNAL EXAMINER

ABSTRACT

Very large scale integration (VLSI) is process of creating integrated circuits by combining thousands of transistors into a single chip. Over the past several decades, the continuous downsizing of transistors and related fabrication processes have been the key driving force for the blooming of semiconductor and integrated circuit (IC) industry. The number of transistors integrated on a single die roughly doubles in every 18 months, enabling the implementation of much faster and more sophisticated systems that permeate daily life, from portable computing devices and wireless communication systems to high-end products used in scientific computing and large data centers. The fast growth of the power density in integrated circuits has made area and power dissipation as the vital design measures. Latches and flip-flops are the basic elements for storing information. From the open literature, Conventional master slave Flip-Flop is classic structure that dissipates less power. A master-slave flip-flop which is conventional edge triggered is very sensitive to particle that causes an error. Master latch upsets the logic state with an error, when the clock signal is high whereas the slave latch upsets the logic state when the clock signal is low, resulting in an erroneous output of the flip-flop. This paper presents an error hardened flip-flop that can overcome or control SEU (soft errors) using a multiplexer and an error detection circuit. An error in the master or slave latch can be detected when clock signal is high or low by the error detection circuit. The correct output is being generated by the multiplexer using error indication signal for more efficient result a n-type pass transistor followed by an inverter was introduced ,which becomes a strong high transistor .The proposed flip-flops have small area, power and delay overheads. The proposed design is efficient for incorporating complex logic functions. It exhibits reduction in the power dissipation up to 50-60% and area up to 76% than the conventional flip-flops. Asynchronous counter is designed using conventional and proposed flip-flops. The asynchronous counter designed with proposed flip-flop exhibits 83% of reduction in the power dissipation. The simulations are done in TANNER TOOLS V13.0, Schematic editor, 250nm technology.

DESIGN OF NEW DUAL EDGE TRIGGERED SENSE-AMPLIFIER FLIP-FLOP WITH LOW AREA AND POWER EFFICIENT

A Project Report submitted in partial fulfillment of the requirements
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EXTERNAL EXAMINER

ABSTRACT

Very large scale integration (VLSI) is process of creating integrated circuits by combining thousands of transistors into a single chip. Over the past several decades, the continuous downsizing of transistors and related fabrication processes have been the key driving force for the blooming of semiconductor and integrated circuit(IC) industry. The number of transistors integrated on a single die roughly doubles in every 18 months, enabling the implementation of much faster and more sophisticated systems that permeate daily life, from portable computing devices and wireless communication systems to high-end products used in scientific computing and large data centers. The fast growth of the power density in integrated circuits has made area and power dissipation as a vital design measures. In this project a new dual-edge triggered sense-amplifier flip-flop (NEWDET-SAFF) is proposed. The proposed flip-flop presets its storage nodes to a medium voltage level between VDD and VSS just before input capturing. By embedding dual-edge triggering mechanism and conditional precharging in the new symmetric latch, the NEWDETSAFF is capable of achieving low power dissipation and delay. The presetting operation allows the proposed flip-flop to be faster and more clock-skew tolerant than conventional flip-flops. The simulations are carried out by using TANNER TOOLS 13.0v, schematic editor, 250nm technology.

REDUCTION OF PAPR IN THE MIMO-OFDMA TRANSMISSION SYSTEMS

A Project Report submitted in partial fulfillment of the requirements
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IN

ELECTRONICS AND COMMUNICATION ENGINEERING

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EXTERNAL EXAMINER

ABSTRACT

This project studies the Peak to Average Power Ratio (PAPR) improvements in various precoding based Orthogonal Frequency Division Multiplexing (OFDM) systems. In particular, the Zadoff-Chu matrix Transform (ZCT) precoder based PAPR reduction technique is analyzed. The ZCTs are obtained from Zadoff-Chu (ZC) sequences by filling ZCT kernel row-wise or alternatively column wise. Row wise filling gives rise to Constant Envelope OFDM (CE-OFDM) system with 0 dB PAPR, while column wise filling give rise 7.8 dB, at clip rate of 10-3 with system subcarriers N=64 for QPSK modulation.

However, since even CE-OFDM systems are required to operate with pulse shaping that helps in keeping out-of-band radiation low and meeting the transmission spectrum mask requirement, the PAPRs are no longer 0 dB. Therefore, in this project, we present PAPR analysis of various precoding based OFDM systems with the popular Root Raised Cosine (RRC) pulse shaping. Simulation results show that, the ZCT Row-wise precoder based OFDM (ZCT-R-OFDM) system has lower PAPR than the ZCT Column-wise precoder based OFDM (ZCT-C-OFDM) system, the Hadamard Transform precoder based OFDM (WHT-OFDM) systems and the conventional OFDM systems.

Keywords- Zadoff-Chu(ZC) sequences; Peak to Average Power Ratio (PAPR)

SMART BUS TRANSPORTATION SYSTEM

A Project Report submitted in partial fulfillment of the requirements
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IN

ELECTRONICS AND COMMUNICATION ENGINEERING

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EXTERNAL EXAMINER

ABSTRACT

The people who use inner city public transportation vehicles want to get information about the current status of the public transportation vehicles and they want to know the travel time of the vehicles and can also provide the seat availability for those who waiting at the bus stops. In this study, a smart Bus transportation system was developed in order to enable administers effectively monitor the public transportation system and also enable the people who utilize this system simultaneously observe the information about the location and status of those vehicles.

The instant movement information of the vehicle was transferred to the central server through a GPS module which functions integrated to the embedded computer systems and web services. The software developed to manage the system provided the authorities the advantages of instant status observation, and updating related to the management of the status and travel of the public transportation vehicles. Through this developed system, moreover, it was ensured that the position and travel information like no. of seats remain in our vehicles through the monitors both inside the public transportation vehicles and at the bus stops, increase the life qualities of the people who use the public transport vehicles and facilitate their urban life cycles.

DATAANALYSIS USING HADOOP AND HIVE

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

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IN
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EXTERNAL EXAMINER

ABSTRACT

Our project entitled(DATA ANALYSIS USING HADOOP & HIVE) deals with large data sets that include different types (structured, unstructured and semi-structured data). The data can be generated from different sources like social media, audios, images, log files, sensor data, transactional applications, web etc. Our project enhances the processing capability of traditional database to capture, manage, and process the large amount of data by using map-reduce algorithm. In this project, we first introduce the general background of big data and then focus on hadoop platform using map reduce algorithm which provide the environment to implement application in distributed environment.

ONLINE COMPLAINT REGISTRATION SYSTEM

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

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IN
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ABSTRACT

Online Complaint Registration System is a Web based project developed in PHP/MySQL which used to manage User's complaint through online mode. User can login, and Create, view complaint details and track the status of their complaint. It has one Admin module where Admin can login and View all complaint details, assign the complaint to specific the authorized officer and check the status of Assigned Complaint. Admin can View/Update/Close complaint details, View reports based on Pre-build Criterias.

Officer can check all complaint assigned to it, work on complaint and Update the status of complaint. Once Completed they can Close the complaint, and user can view the complaint status and respond accordingly.

EFFICIENT MININGOF FREQUENT ITEMSETS IN SOCIAL NETWORK DATA BASED ON MAPREDUCE

17

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

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IN
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EXTERNAL EXAMINER

ABSTRACT

Social Networks promote information sharing between people everywhere and at all times. Mining data produced in this data-rich environment can be extremely useful. Frequent itemset mining plays an important role in mining associations, correlations, sequential patterns, causality, episodes, multidimensional patterns, max-patterns, partial periodicity, emerging patterns, and many other significant data mining tasks in social networks. With the exponential growth of social network data towards a terabyte or more, most of the traditional frequent itemset mining algorithms become ineffective due to either huge resource requirements or large communications overhead. Cloud computing has proved that processing very large datasets over commodity clusters can be done by providing the right programming model. As a parallel programming model, MapReduce, one of most important techniques for cloud computing, has emerged in the mining of datasets of terabyte scale or larger on clusters of computers. In this project, we propose an efficient frequent itemset mining algorithm, called IMRApriori, based on MapReduce framework which deals with Hadoop cloud, a parallel store and computing platform. The paper demonstrates experimental results to corroborate the theoretical claims.

Keywords: IMRApriori Algorithm, MapReduce.

OVERFLOW: BIGDATA MANAGEMENT FORSCIENTIFIC WORKFLOWS ON CLOUD

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

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EXTERNAL EXAMINER

ABSTRACT

The global deployment of cloud datacenters is enabling large scale scientific workflows to improve performance and deliver fast responses. This unprecedented geographical distribution of the computation is doubled by an increase in the scale of the data handled by such applications, bringing new challenges related to the efficient data management across sites. High throughput, low latencies or cost-related trade-offs are just a few concerns for both cloud providers and users when it comes to handling data across datacenters. Existing solutions are limited to cloud-provided storage, which offers low performance based on rigid cost schemes. In turn, workflow engines need to improvise substitutes, achieving performance at the cost of complex system configurations, maintenance overheads, reduced reliability and reusability.

In this project, we introduce OverFlow, a uniform data management system for scientific workflows running across geographically distributed sites, aiming to reap economic benefits from this geo-diversity. Our solution is environment-aware, as it monitors and models the global cloud infrastructure, offering high and predictable data handling performance for transfer cost and time, within and across sites. OverFlow proposes a set of pluggable services, grouped in a data scientist cloud kit. They provide the applications with the possibility to monitor the underlying infrastructure, to exploit smart data compression, deduplication and geo-replication, to evaluate data management costs, to set a tradeoff between money and time, and optimize the transfer strategy accordingly. The system was validated on the Microsoft Azure cloud across its 6 EU and US datacenters. The experiments were conducted on hundreds of nodes using synthetic benchmarks and real-life bio-informatics applications (A-Brain, BLAST). The results show that our system is able to model accurately the cloud performance and to leverage this for efficient data dissemination, being able to reduce the monetary costs and transfer time by up to three times.

INTERNET OF THINGS BASED HOME AUTOMATION

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.Harika	**(15U45A0506)**
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S.K.A.Sravya	**(14U41A0539)**
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Under the Esteemed Guidance of

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PROJECT GUIDE

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EXTERNAL EXAMINER

ABSTRACT

In modern times, people prefer more of automatic systems rather than manual systems. With the influence of Internet in people's life lots of new technologies are coming up. One of the latest, emerging and trending technology is the 'Internet of Things'. This technology is expected to rule the world within a few years.

Home Automation System uses the technology of Internet of Things for monitoring and controlling of the electrical and electronic appliances at home from any remote location by simply using a Smartphone. Here we propose to use IoT in order to control home appliances, thus automating modern homes through the internet. Our user friendly interface allows a user to easily control these home appliances through the internet.

DATAANALYSIS USING HADOOP AND HIVE

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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EXTERNAL EXAMINER

ABSTRACT

Our project entitled(DATA ANALYSIS USING HADOOP & HIVE) deals with large data sets that include different types (structured, unstructured and semi-structured data). The data can be generated from different sources like social media, audios, images, log files, sensor data, transactional applications, web etc. Our project enhances the processing capability of traditional database to capture, manage, and process the large amount of data by using map-reduce algorithm. In this project, we first introduce the general background of big data and then focus on hadoop platform using map reduce algorithm which provide the environment to implement application in distributed environment.

ONLINE COMPLAINT REGISTRATION SYSTEM

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

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IN
COMPUTER SCIENCE AND ENGINEERING

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EXTERNAL EXAMINER

ABSTRACT

Online Complaint Registration System is a Web based project developed in PHP/MySQL which used to manage User's complaint through online mode. User can login, and Create, view complaint details and track the status of their complaint. It has one Admin module where Admin can login and View all complaint details, assign the complaint to specific the authorized officer and check the status of Assigned Complaint. Admin can View/Update/Close complaint details, View reports based on Pre-build Criterias.

Officer can check all complaint assigned to it, work on complaint and Update the status of complaint. Once Completed they can Close the complaint, and user can view the complaint status and respond accordingly.

EFFICIENT MININGOF FREQUENT ITEMSETS IN SOCIAL NETWORK DATA BASED ON MAPREDUCE

17

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

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IN
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This is to certify that the Project work entitled **"EFFICIENT MININGOF FREQUENT ITEMSETS IN SOCIAL NETWORK DATA BASED ON MAP-REDUCE"** is a bonafied work done by **G Sai Sravya (14U41A0516), K Lavanya (14U41A0519), K Sailaja Rani (14U41A0522), P Moha Swetha (14U41A0533), S Sharmila (14U41A0541)** in partial fulfillment of the curriculum of Bachelor of Technology in Computer Science &Engineering during the academic year 2017-18.

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EXTERNAL EXAMINER

ABSTRACT

Social Networks promote information sharing between people everywhere and at all times. Mining data produced in this data-rich environment can be extremely useful. Frequent itemset mining plays an important role in mining associations, correlations, sequential patterns, causality, episodes, multidimensional patterns, max-patterns, partial periodicity, emerging patterns, and many other significant data mining tasks in social networks. With the exponential growth of social network data towards a terabyte or more, most of the traditional frequent itemset mining algorithms become ineffective due to either huge resource requirements or large communications overhead. Cloud computing has proved that processing very large datasets over commodity clusters can be done by providing the right programming model. As a parallel programming model, MapReduce, one of most important techniques for cloud computing, has emerged in the mining of datasets of terabyte scale or larger on clusters of computers. In this project, we propose an efficient frequent itemset mining algorithm, called IMRApriori, based on MapReduce framework which deals with Hadoop cloud, a parallel store and computing platform. The paper demonstrates experimental results to corroborate the theoretical claims.

Keywords: IMRApriori Algorithm, MapReduce.

OVERFLOW: BIGDATA MANAGEMENT FORSCIENTIFIC WORKFLOWS ON CLOUD

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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This is to certify that the Project work entitled "**OVERFLOW: BIGDATA MANAGEMENT FOR SCIENTIFIC WORKFLOWS ON CLOUD**" is a bonafide record done by **B RAGHA PRIYA(14U41A0506), K SAI PRASANNA (14U41A0525),M SRUTHA KEERTHI(14U41A0530), P CHETHAN LOKESH (14U41A0534), V VASAVI(14U41A0545)** in partial fulfillment of the curriculum of B.Tech IV Year II Semester in **Computer Science & Engineering** during the academic year 2017-18.

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EXTERNAL EXAMINER

ABSTRACT

The global deployment of cloud datacenters is enabling large scale scientific workflows to improve performance and deliver fast responses. This unprecedented geographical distribution of the computation is doubled by an increase in the scale of the data handled by such applications, bringing new challenges related to the efficient data management across sites. High throughput, low latencies or cost-related trade-offs are just a few concerns for both cloud providers and users when it comes to handling data across datacenters. Existing solutions are limited to cloud-provided storage, which offers low performance based on rigid cost schemes. In turn, workflow engines need to improvise substitutes, achieving performance at the cost of complex system configurations, maintenance overheads, reduced reliability and reusability.

In this project, we introduce OverFlow, a uniform data management system for scientific workflows running across geographically distributed sites, aiming to reap economic benefits from this geo-diversity. Our solution is environment-aware, as it monitors and models the global cloud infrastructure, offering high and predictable data handling performance for transfer cost and time, within and across sites. OverFlow proposes a set of pluggable services, grouped in a data scientist cloud kit. They provide the applications with the possibility to monitor the underlying infrastructure, to exploit smart data compression, deduplication and geo-replication, to evaluate data management costs, to set a tradeoff between money and time, and optimize the transfer strategy accordingly. The system was validated on the Microsoft Azure cloud across its 6 EU and US datacenters. The experiments were conducted on hundreds of nodes using synthetic benchmarks and real-life bio-informatics applications (A-Brain, BLAST). The results show that our system is able to model accurately the cloud performance and to leverage this for efficient data dissemination, being able to reduce the monetary costs and transfer time by up to three times.

INTERNET OF THINGS BASED HOME AUTOMATION

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COMPUTER SCIENCE AND ENGINEERING

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EXTERNAL EXAMINER

ABSTRACT

In modern times, people prefer more of automatic systems rather than manual systems. With the influence of Internet in people's life lots of new technologies are coming up. One of the latest, emerging and trending technology is the 'Internet of Things'. This technology is expected to rule the world within a few years.

Home Automation System uses the technology of Internet of Things for monitoring and controlling of the electrical and electronic appliances at home from any remote location by simply using a Smartphone. Here we propose to use IoT in order to control home appliances, thus automating modern homes through the internet. Our user friendly interface allows a user to easily control these home appliances through the internet.

EDGE DETECTION BY USING MULTIPLE FILTERS

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

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IN
COMPUTER SCIENCE AND ENGINEERING

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EXTERNAL EXAMINER

ABSTRACT

Edge detection plays a critical role in image processing. The performance of an edge detection algorithm can be affected by serious noise & intensity in homogeneities. In this project, a method aiming at detecting edge of image with varieties of gradient signal degradation is proposed. The method comprises two steps. The first step is to perform adaptive histo-gram equalization to improve the signal contrast in a discriminative manner. To this end, the histogram of the input image is analyzed and the irregularity of image intensity, if there is any, is identified and removed by using a contrast limited adaptive histogram equalization technique. The following step is a gradient modulation filtering process with the modulation factor determined by the local intensity. The simulation results comprising subjective and objective analysis show that the pro- posed method is applicable and effective to detect edges of low- quality images.

ENHANCEMENT ON PARALLEL ALGORITHM FOR SOLVING LARGE SYSTEM OF SIMULTANEOUS LINEAR EQUATIONS

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

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IN
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EXTERNAL EXAMINER

ABSTRACT

Solving a system of linear equation is probably one of the most visible applications of present trends. The linear equations can be utilized in many research applications .Many scientific and engineering problems can take the form of linear equations. System of linear equations have many applications such as Digital Signal Processing, Geometry, Networks, Temperature Distribution, Heat Distribution, Chemistry, Linear Programming, Games, Estimation, Weather Forecasting, Economics, Image Processing, Video Conferencing, Oceanography and many Statistical analysis (example in Econometrics, Biostatistics and Experimental Design).

COMPUTERIZED EMPLOYEE RECRUITMENT, PERFORMANCE EVALUATION AND TURNOVER PREDICTION USING DATAMINING TECHNIQUES

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

BACHELOR OF TECHNOLOGY
IN
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EXTERNAL EXAMINER

ABSTRACT

Recruitment is the process of having the person, in the right place, at the right time and it is crucial to organizational performance. Finding and hiring the best qualified candidate for a job opening, in a timely and cost effective manner. The recruitment process includes analyzing the requirements of a job, attracting employees to that job, screening and selecting applicants, hiring, and integrating the new employee to the organization. In existing system HR team hiring employees based on their experiences and previous knowledge .our proposed system tells about the employee hiring, evaluating performance and turnover prediction everything is computerized. With this we can decrease the spending time for recruitment process. We can evaluate the performance using personality traits from the experienced persons. And we can predicate the employee turnover using classification techniques. There are different types of data mining tools and methods based on their accuracy, calculation time and user friendliness. Data mining techniques are used to find the hidden information and relation between large amounts of data. This can be done by processing of the employees database by using data mining methods.

Keywords:

1) K-Means algorithm
2) Naïve Bayes Classification Algorithm
3) Decision Tree Algorithm
4) Data mining
5) Probability
6) Prediction

CONTENT BASED IMAGE MINING

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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INTERNAL GUIDE

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EXTERNAL EXAMINER

ABSTRACT

Image Mining deals with extraction of implicit knowledge, image data relationship or patterns which are not explicitly found in the images from databases. Image Mining is more than just an extension of data mining to image domain.

Image retrieval based on image content is more desirable in a number of applications in today's world. As a result, there is a need to automatically extract primitive visual features from the images and to retrieve images on the basis of these features. Humans use color, shape and texture to understand and recollect the contents of an image. Therefore, it is natural to use features based on these attributes for image retrieval.

In CBIM, each image that is stored in the database has its features extracted and compared to the features of the query image. It is a combination of different areas of knowledge, such as pattern recognition, object matching, machine learning and wavelet filtering and so on. CBIM is devoted to understanding visual characteristics of images without any text descriptions. Finally we are going to show the accuracy of the techniques used in content based image retrieval.

CLOUD DATA SECURITY USING THIRD PARTY AUDITING AND ENCRYPTION

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

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EXTERNAL EXAMINER

ABSTRACT

Cloud computing is an area in which large groups of remote servers are networked to allow centralized data storage and online access to computer services or resources. Cloud computing relies on sharing of resources to achieve coherence and economies of scale, similar to a utility (like the electricity grid) over a network. The cloud must have to ensure data integrity and security of data of user. To maintain to overkill this issue here, we are giving public auditing process for cloud storage that users can make use of a third-party auditor (TPA) to check the integrity of data. Not only verification of data integrity, the proposed system also supports data dynamics. The work that has been done in this line lacks data dynamics and true public auditability. The auditing task monitors data modifications, insertions and deletions. The proposed system is capable of supporting public auditability, data dynamics and Multiple TPA are used for the auditing process .We also extend our concept to ring signatures in which HARS scheme is used. Merkle Hash Tree is used to improve block level authentication.