



ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCE
Piglipur, Batasingaram, Hayathnagar(M), R.R.Dist-501512





DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

Date: 06-01-2020

Dear Faculty Members,

For the following list of students you are appointed as Internal Guide for the academic year 2019-2020. please co-operate and guide the students.

BATCH NO	H.T.NO	NAME OF THE STUDENT	TITLES	INTERNAL GUIDE	SIGNATURE
B1	16T81A0573	B Sri Praveena	Air Bnb Using Machine Learning With Data Analysis	V.Ramakrishna	
	16T81A0557	Bojja Sai Prakash			
	16T81A0582	Neela Tejasvi			
	15T85A0527	Renuka			
B2	16T81A0551	Yasa Ramya	Bigmart Sales Using Machine Learning With Data Analysis	V.Ramesh Babu	
	16T81A0581	K Sukoulya			
	17T85A0501	B.Sowmya			
	16T81A0576	Gadi Srinath			
B3	16T81A0556	Churukanti Sai Mukesh Reddy	Google N Grams	A.Shiva Kumar	
	16T81A0562	Bellary Shailendra Kumar			
	16T81A0546	Myana Rahul			
	16T81A0579	Annam Srujan			
B4	16T81A0558	Yellendula Sai Teja	Image Based Appraisal Of Real Estate Properties	B.Ravinder Reddy	
	16T81A0559	Rachakonda Sai Venkat			
	16T81A0560	Mankali Samyuktha			
	16T81A0561	Mankali Sarvika			

B5	16T81A0592	Abel Million Merid	Multi-Traffic Scene Perception Based On Supervised	P.Aparna	<i>Aparna</i>
	15T85A0564	Satla Sharathchandra			
	16T81A0594	Michael Adane Lemma			
	16T81A0593	Mahalet Adane Lemma			
B6	16T81A0586	Chintalapudi Venkata Naga Sai Sumanth Sumanth	Fbi Crime Data Analysis	K.Sandhya Rani	<i>Sandhya</i>
	16T81A0541	V.Srikanth			
	16T81A0569	Badri Shivani			
	16T81A0587	Regadapu Venkatswarlu			
B7	16T81A0575	Panthangi Srikanth	Loan Prediction	M.Srinivas	<i>Sri</i>
	16T81A0572	Kammari Sreedhar			
	15T85A0506	Charishma			
	16T81A0591	G Yugandhar Goud			
B8	16T81A0589	Mekala Yashwanth	Generating Wikipedia By Summarizing Long Sequences	J.Mohan	<i>Mohan</i>
	16T81A0565	Kanakala Shirisha			
	16T81A0585	Batta Vamsi Kumar			
	15T85A0507	Gnaneshwar			
B9	16T81A0567	Gajjala Shiva Datta	How Data-Driven Entrepreneur Analysis Imperfect	V.Ramakrishna	<i>Ram</i>
	16T81A0577	Gona Srinivasa Sai Dikshith			
	16T81A0547	Nagapuram Rajesh			
	16T81A0580	Rathod Sudharani			
B10	16T81A0552	Kuchakulla Rishika	Toward Better Statistical Validation Of Machine Learning-	A.Nagasri	<i>Nasi</i>
	16T81A0554	Baddam Ruchitha			
	16T81A0574	Kalamsetty Srigiri			
	16T81A0571	Kalintha Smyrna Joseph			

[Signature]
Project Co-Ordinator

[Signature]
H.O.D

A Major-Project report on

**TOWARD BETTER STATISTICAL VALIDATION OF
MACHINE LEARNING - BASED MULTIMEDIA
QUALITY ESTIMATORS**

*Submitted in partial fulfillment of the academic requirement of
Jawaharlal Nehru Technological University for
the award of degree of*

**Bachelor of Technology
In**

Computer Sciences and Engineering

By

KUCHAKULLARISHIKA	16T81A0552
BADDAMRUCHITHA	16T81A0554
K.SMYRNAJOSEPH	16T81A0571
K.SRIGIRI	16T81A0574

Under the guidance of

A.NAGASRI , M.Tech,
Asst.Professor,CSE Dept.



Department of Computer Science and Engineering
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2019-20.

Department of Computer Science and Engineering
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CERTIFICATE

This is to certify that the major-project report entitled
**"TOWARD BETTER STATISTICAL VALIDATION OF MACHINE
LEARNING - BASED MULTIMEDIA QUALITY ESTIMATORS"** being
submitted by

KUCHAKULLARISHIKA

16T81A0552

BADDAMRUCHITHA

16T81A0554

K.SMYRNAJOSEPH

16T81A0571

K.SRIGIRI

16T81A0574

in partial fulfillment of the requirements of the award of degree of **Bachelor of Technology Degree in Computer Science and Engineering, Jawaharlal Nehru Technological University, Hyderabad**, is a record of bonafide work carried out by them during the academic year 2019-2020 under the guidance and supervision.

A.Nagasri
Asst.Professor,CSE Dept.
Internal Guide

V.Ramakrishna
Assoc.Professor,CSE Dept.
Head of the Department

External Examiner

COLLEGE MANAGEMENT SYSTEM

A Mini-Project report submitted in partial fulfillment of the requirements of
Jawaharlal Nehru Technological University

For the award of Degree of

Bachelor of Technology

in

Computer Sciences and Engineering

By

K.Poojitha

16T81A0541

B.Babitha

16T81A0513

G.Naveen

16T81A0533

R.Prem Singh

16T81A0544

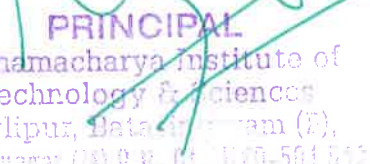
Under the guidance of

A.Nagavri, M.Tech;

Asst.Professor, CSE Dept.



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CERTIFICATE

This is to certify that the mini-project report entitled
"COLLEGE MANAGEMENT SYSTEM" being submitted by

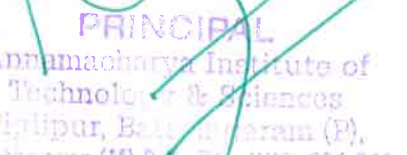
K.Poojitha	16T81A0541
B.Babitha	16T81A0513
G.Naveen	16T81A0533
R.Prem Singh	16T81A0544

in partial fulfillment of the requirements of the award of degree of **Bachelor of Technology Degree in Computer Science and Engineering, Jawaharlal Nehru Technological University, Hyderabad**, is a record of bonafied work carried out by them during the academic year 2016-2017 under the guidance and supervision

A.Nagasri, M.Tech,
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Project Co-ordinator

V.Ramakrishna
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Head of Department.


EXTERNAL EXAMINER


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MOCK TEST

A Mini-Project report submitted in partial fulfillment of the requirements of
Jawaharlal Nehru Technological University

For the award of Degree of

Bachelor of Technology

in

Computer Sciences and Engineering

By

DORNALA OMKAR

16T81A0537

DEERAVATH MAHENDAR

16T81A0530

NIKHAT FATIMA SAYYAD YUNUS

16T81A0535

SINDE BHAVYA

16T81A0514

Under the guidance of

B.RAVINDER REDDY

Asst.Professor,CSE Dept.



Department of Computer Science and Engineering
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2019-2020.


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This is to certify that the mini-project report entitled
"MOCK TEST" being submitted by

DORNALA OMKAR	16T81A0537
DEERAVATH MAHENDAR	16T81A0530
NIKHAT FATIMA SAYYAD YUNUS	16T81A0535
SINDE BHAVYA	16T81A0514

in partial fulfillment of the requirements of the award of degree of **Bachelor of Technology Degree in Computer Science and Engineering, Jawaharlal Nehru Technological University, Hyderabad**, is a record of bonafied work carried out by them during the academic year 2019-2020 under the guidance and supervision

B. Ravinder Reddy
Internal Guide
B.RAVINDER REDDY
Asst.Professor, CSE Dept.

V. Ramakrishna
Project Co-ordinator(HOD)
V.RAMAKRISHNA
Assoc.Professor, CSE Dept.

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Employee Visa

A Mini-Project report submitted in partial fulfillment of the
requirements of

Jawaharlal Nehru Technological University

For the award of Degree of

Bachelor of Technology

in

Computer Sciences and Engineering

By

VASARAYYA

16181A057

K. SRIKANTH

16181A058

GADHAKRISHNA

16181A0576

CHANDRAN

17185A0501

Under the guidance of

V. Ramesh Babu

Asst. Professor, CSE Dept.



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Hyderabad -501512,
2019-20.

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Department of Computer Science and Engineering
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CERTIFICATE

This is to certify that the mini-project report entitled
" **EMPLOYEE VISA**" being submitted by

YASA RAMYA	16181A0551
K.SUKOJULA	16181A0581
GADI SRINATH	16181A0576
H.SOWMYA	17185A0501

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W.M.L.
29/11/19.
V.Ramesh Babu
Asst.Professor, CSE Dept.
Internal Guide

V.Rama Krishna
V.Rama Krishna
Assoc.professor, CSE dept
Head of the Department

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29/11/19
External Examiner

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DETECTING MOBILE MALICIOUS WEB PAGES IN REAL TIME

A Mini-Project report submitted in partial fulfillment of the requirements of
Jawaharlal Nehru Technological University
For the award of Degree of
Bachelor of Technology
in
Computer Sciences and Engineering

By

Name 1: C. PAVAN CHAITANYA

Roll No: 16T81A0538

Name 2: B. ANUSHA YADAV

Roll No: 16T81A0509

Name 3: K. AKHILA

Roll No: 16T81A0505

Under the guidance of

A. SHIVA KUMAR

Asst. Professor, CSE Dept.



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Hyderabad -501512.



CERTIFICATE

This is to certify that the mini-project report entitled
"DETECTING MOBILE MALICIOUS WEB PAGES IN REAL TIME"
being submitted by

Name 1: C. PAVAN CHAITANYA

Roll No: 16T81A0538

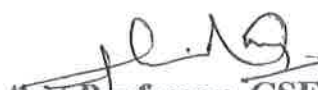
Name 2: B. ANUSHA YADAV


Roll No: 16T81A0509

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Roll No: 16T81A0505

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Assl. Professor, CSE Dept.
Internal Guide
A. SHIVA KUMAR


Assoc. Professor, CSE Dept.
Head of the Department
V. RAMAKRISHNA


EXTERNAL EXAMINER


PRINCIPAL
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Piglipur, Batasingaram,
Hayathnagar (M), R.R. Dist., Hyderabad - 501512

A Major-Project report on
GOOGLE N-GRAMS

*Submitted in partial fulfillment of the academic requirement of
Jawaharlal Nehru Technological University for
the award of degree of*

Bachelor of Technology

In

Computer Sciences and Engineering

By

C.Sai mukesh reddy	16T85A0556
B.Shailendra kumar	16T85A0562
A.Srujan	16T81A0579
M.Rahul	16T81A0546

Under the guidance of

A.Shiva kumar,M.Tech,
Asst.Professor,CSE Dept.



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Department of Computer Science and Engineering
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Piglipur, Batasingaram (V), Hayathnagar (M), R.R. Dist, Hyderabad-501512



CERTIFICATE

This is to certify that the major-project report entitled

“GOOGLE NGRAMS” being

Submitted by

C.Sai Mukesh Reddy	16T81A0556
B.ShailendraKuamr	16T81A0562
A.Srujan	16T81A0579
M.Rahul	16T81A0546

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A.Shiva Kumar
Asst.professor,CSE DEPT.
Internal Guide

V.RamaKrishna
Assoc.Professor,CSE,DEPT
Head of the Department

External Examiner

1.3.3 Percentage of students undertaking project work/field work/internship (Data for the latest completed academic year) (10)

Programme name	Program Code	List of students undertaking project work/field work/Internship
B-TECH-ECE	4	15T81A0402(AISHWARYA KAPOOR)
B-TECH-ECE	4	15T81A0403(SURE AMULYA)
B-TECH-ECE	4	15T81A0406(POTHU CHANDRA SHEKAR)
B-TECH-ECE	4	15T81A0407(R.DIVYA BHAVANI)
B-TECH-ECE	4	15T81A0408 (VASRE GOPAL REDDY)
B-TECH-ECE	4	15T81A0409(BODIGE GOWTHAM KUMAR GOUD)
B-TECH-ECE	4	15T81A0410(YERRA HARI KRISHNA)
B-TECH-ECE	4	15T81A0412(GUNTAKA JAGADEESH REDDY)
B-TECH-ECE	4	15T81A0413(PASUPULETI JAGADISH KUMAR)
B-TECH-ECE	4	15T81A0414(KONATHAM JAIPAL)
B-TECH-ECE	4	15T81A0415(YASA KRUPAKAR REDDY)
B-TECH-ECE	4	15T81A0416(VEERA BOMMA LAKSHMI)
B-TECH-ECE	4	15T81A0417(YERRABOLU LESHMI REDDY)
B-TECH-ECE	4	15T81A0419(MANO HAR YALLA)
B-TECH-ECE	4	15T81A0420(ITAKALA MANASA)
B-TECH-ECE	4	15T81A0423(VANKAYALA MUKESH CHANDRA)
B-TECH-ECE	4	15T81A0424(PUNNA NARESH)
B-TECH-ECE	4	15T81A0425(PENDEM NAVEEN)
B-TECH-ECE	4	15T81A0426(KARRA NIKHILA)
B-TECH-ECE	4	15T81A0427 (KAMMALA PAVAN KUMAR)
B-TECH-ECE	4	15T81A0428(BHEEMA PRAMODH AKSHAY KUMAR)
B-TECH-ECE	4	15T81A0429(KOTA PRANATHI)
B-TECH-ECE	4	15T81A0430(P PRIYANKA PATIL)
B-TECH-ECE	4	15T81A0432(GOPANA BOINA RAMESH)
B-TECH-ECE	4	15T81A0433(MODDU RAMYA)
B-TECH-ECE	4	15T81A0434(MUDDHAM RAVI TEJA)
B-TECH-ECE	4	15T81A0435(N RAVI TEJA)
B-TECH-ECE	4	15T81A0436(JANGAM RENUKA)
B-TECH-ECE	4	15T81A0437(KUPPALA REVATHI)
B-TECH-ECE	4	15T81A0438(MAMIDI RUCHITHA)
B-TECH-ECE	4	15T81A0439(KANDALA RUTHVIK RAJ REDDY)
B-TECH-ECE	4	15T81A0440(GADE SAI DHEERAJ)
B-TECH-ECE	4	15T81A0442(GANDEPALLY SAI PRASANNA)
B-TECH-ECE	4	15T81A0443(SHAIK SALEEM)
B-TECH-ECE	4	15T81A0444(MOHAMMED SAMEER)
B-TECH-ECE	4	15T81A0445(PALLA SANTHOSH REDDY)
B-TECH-ECE	4	15T81A0446(PULANAGARI SHIREESHA)
B-TECH-ECE	4	15T81A0447(BANDA SHIVA)
B-TECH-ECE	4	15T81A0448(KATTEKOLA SHIVA KUAMR)
B-TECH-ECE	4	15T81A0450(S SRAVAN KUMAR)
B-TECH-ECE	4	15T81A0452(VALLURU SREEDEVI)
B-TECH-ECE	4	15T81A0453(EDLA SRIKANTH)
B-TECH-ECE	4	15T81A0454(MADAGONI SRIKANTH)
B-TECH-ECE	4	15T81A0455(VAVILALA SUSHMA REDDY)
B-TECH-ECE	4	15T81A0456(SINGIREDDY SWATHI)
B-TECH-ECE	4	15T81A0457(THUMMALA SWATHI)
B-TECH-ECE	4	15T81A0458(YENGANNAGARI SWATHI)
B-TECH-ECE	4	15T81A0459(MITTA TEJA PRAKASH)
B-TECH-ECE	4	15T81A0461(POTHIPEDDI VAMSHI)
B-TECH-ECE	4	15T81A0462(KOTHUR VENKAT PRASAD REDDY)
B-TECH-ECE	4	15T81A0466(KOLLALA VYSHNAVI)
B-TECH-ECE	4	16T85A0402(M BHAVANI)
B-TECH-ECE	4	16T85A0404(P MAMATHA)
B-TECH-ECE	4	16T85A0407(A SHIREESHA)
B-TECH-ECE	4	16T85A0409(A TARUN KUMAR)
B-TECH-ECE	4	16T85A0410(C VIJAY KUMAR)

* To check with SOP if the same student can be counted more than once

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ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
PIGLIPUR, BATASINGARAM, HYDERABAD, R R DIST-501512
ECE DEPT-MAJOR Projects 2018-19

SI NO	BATCH NAME	ROLL NO	NAME OF THE STUDENT	TITLE	INTERNAL GUIDE
1	A1	15T81A0402	AISHWARYA KAPOOR	Design of DDR-SDRAM controller for embedded system	NITESH GAIKWAD
2		15T81A0412	GUNTAKA JAGADEESH REDDY		
3		16T85A0404	PULKARAM MAMATHA		
4	A2	15T81A0408	VASRE GOPAL REDDY	Design of low power/high speed multiplier using spurious power suppression technique (SPST)	J PRADEEP
5		15T81A0415	YASA KRUPAKAR REDDY		
6		15T81A0436	JANGAM RENUKA		
7	A3	15T81A0459	MITTA TEJA PRAKASH	Real time based server security robot with motion detection for RF controller and wireless cam using IOT	G PRAVEENA
8		15T81A0457	THUMMALA SWATHI		
9		15T81A0416	VEERA BOMMA LAKSHMI		
10	A4	15T81A0443	SHAIK SALEEM	Automated irrigation system in agriculture using wireless sensor technology	R V PRASAD BHOOKYA
11		15T81A0454	MADAGONI SRIKANTH		
12		16T85A0409	ALAMPALLY TARUN KUMAR		
13	A5	15T81A0426	KARRA NIKHILA	A hybrid wireless infrastructure networking for green house management	V VENKANNA
14		15T81A0429	KOTA PRANATHI		
15		15T81A0414	KONATHAM JAIPAL		
16	A6	15T81A0409	BODIGE GOWTHAM KUMAR GOUD	A energy efficient programmable many core accelerator for personalization biomedical app	P RAJESHWER
17		15T81A0428	BHEEMA PRAMODH AKSHAY		
18		15T81A0425	PENDEM NAVEEN		
19	A7	15T81A0461	POTHIPEDDI VAMSHI	Petrochemical level indicator and controller for automation of cotton purification process in spinning Mill with IOT	M SESHU REKHA
20		15T81A0447	BANDA SHIVA		
21		15T81A0433	MODDU RAMYA		
22	A8	15T81A0417	YERRABOLU LESHMI REDDY	Fast Neural network training on FPGA using Quasi - Newton optimisation method	CH MURALI KRISHNA
23		15T81A0410	YERRA HARI KRISHNA		
24		15T81A0435	NIMMANAGOTI RAVITHEJA		
25	A9	15T81A0437	KUPPALA REVATHI	Drunk and Drive detection with ignition lock project	N SAMUEL BABU
26		15T81A0430	P PRIYANKA PATIL		
27		15T81A0448	KATTEKOLA SHIVA KUAMR		
28	A10	15T81A0440	GADE SAI DHEERAJ	Coal Mine safety monitoring and alerting system	T GOPI
29		15T81A0438	MAMIDI RUCHITHA		
30		15T81A0407	R DIVYA BHAVANI		
31	A11	15T81A0423	VANKAYALA MUKESH CHANDRA	Design aspect for a reference M2M communication platform for smart cities	M SANTHOSH
32		15T81A0444	MOHAMMED SAMEER		
33		15T81A0442	GANDEPALLY SAI PRASANNA		
34	A12	15T81A0455	VAVILALA SUSHMA REDDY	Women safety patrolling ROBOT	CH SHYAM
35		15T81A0432	GOPANA BOINA RAMESH		
36		15T81A0419	MANOHAR YALLA		
37	A13	15T81A0446	PULANAGARI SHIREESHA	Efficient implementation of scan register insertion of integer arithmetic cover for FPGA	MAHESH
38		15T81A0424	PUNNA NARESH		
39		15T81A0403	SURE AMULYA		
40	A14	15T81A0456	SINGIREDDY SWATHI	Bomb displacing ROBOT with wireless video camera controlled form PC/LAPTOP using IOT	NITESH GAIKWAD
41		15T81A0452	VALLURU SREEDEVI		
42		15T81A0445	PALLA SANTHOSH REDDY		
43	A13	15T81A0406	POTHU CHANDRA SHEKAR	Bomb displacing ROBOT with wireless video camera controlled form PC/LAPTOP using IOT	NITESH GAIKWAD
44		15T81A0420	ITAKALA MANASA		
45		15T81A0453	EDLA SRIKANTH		
46	A13	15T81A0462	KOTHUR VENKAT PRASAD REDDY	Efficient implementation of scan register insertion of integer arithmetic cover for FPGA	MAHESH
47		15T81A0434	MUDDHAM RAVI TEJA		
48		16T85A0410	CHILAKA VIJAY KUMAR		
49	A14	16T85A0402	MANI BHAVANI	Bomb displacing ROBOT with wireless video camera controlled form PC/LAPTOP using IOT	NITESH GAIKWAD
50		15T81A0466	KOLLALA VYSHNAVI		
51		15T81A0458	YENGANNAGARI SWATHI		
52	A14	15T81A0450	S SRAVAN KUMAR	Bomb displacing ROBOT with wireless video camera controlled form PC/LAPTOP using IOT	NITESH GAIKWAD
53		15T81A0413	PASUPULETI JAGADISH KUMAR		

Prasad
PROJECT COORDINATOR

M. J. H. H.
HOD
PRINCIPAL
Annamacharya Institute of
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Piglipur (V), Batasingaram (Post),
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ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Pigllpur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.

(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)

Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

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Fax : 08415-201688

LIST OF ECE STUDENTS (2018-19)

S.No	Hall Ticket No	Name of the Student
1	15T81A0402	AISHWARYA KAPOOR
2	15T81A0403	SURE AMULYA
3	15T81A0406	POTHU CHANDRA SHEKAR
4	15T81A0407	R.DIVYA BHAVANI
5	15T81A0408	VASRE GOPAL REDDY
6	15T81A0409	BODIGE GOWTHAM KUMAR GOUD
7	15T81A0410	YERRA HARI KRISHNA
8	15T81A0412	GUNTAKA JAGADEESH REDDY
9	15T81A0413	PASUPULETI JAGADISH KUMAR
10	15T81A0414	KONATHAM JAIPAL
11	15T81A0415	YASA KRUPAKAR REDDY
12	15T81A0416	VEERA BOMMA LAKSHMI
13	15T81A0417	YERRABOLU LESHMI REDDY
14	15T81A0419	MANOHAR YALLA
15	15T81A0420	ITAKALA MANASA
16	15T81A0423	VANKAYALA MUKESH CHANDRA
17	15T81A0424	PUNNA NARESH

18	15T81A0425	PENDEM NAVEEN
19	15T81A0426	KARRA NIKHILA
20	15T81A0427	KAMMALA PAVAN KUMAR
21	15T81A0428	BHEEMA PRAMODH AKSHAY KUMAR
22	15T81A0429	KOTA PRANATHI
23	15T81A0430	P PRIYANKA PATIL
24	15T81A0432	GOPANA BOINA RAMESH
25	15T81A0433	MODDU RAMYA
26	15T81A0434	MUDDHAM RAVI TEJA
27	15T81A0435	NIMMANAGOTI RAVITEJA
28	15T81A0436	JANGAM RENUKA
29	15T81A0437	KUPPALA REVATHI
30	15T81A0438	MAMIDI RUCHITHA
31	15T81A0439	KANDALA RUTHVIK RAJ REDDY
32	15T81A0440	GADE SAI DHEERAJ
33	15T81A0442	GANDEPALLY SAI PRASANNA
34	15T81A0443	SHAIK SALEEM
35	15T81A0444	MOHAMMED SAMEER
36	15T81A0445	PALLA SANTHOSH REDDY
37	15T81A0446	PULANAGARI SHIREESHA
38	15T81A0447	BANDA SHIVA
39	15T81A0448	KATTEKOLA SHIVA KUMAR
40	15T81A0450	S SRAVAN KUMAR

41	15T81A0452	VALLURU SREEDEVI
42	15T81A0453	EDLA SRIKANTH
43	15T81A0454	MADAGONI SRIKANTH
44	15T81A0455	VAVILALA SUSHMA REDDY
45	15T81A0456	SINGIREDDY SWATHI
46	15T81A0457	THUMMALA SWATHI
47	15T81A0458	YENGANNAGARI SWATHI
48	15T81A0459	MITTA TEJA PRAKASH
49	15T81A0461	POTHIPEDDI VAMSHI
50	15T81A0462	KOTHUR VENKATA PRASAD REDDY
51	15T81A0466	KOLLALA VYSHNAVI
52	16T85A0402	MANI BHAVANI
53	16T85A0404	PULKARAM MAMATHA
54	16T85A0407	ANUMOJU SHIREESHA
55	16T85A0409	ALAMPALLY TARUN KUMAR
56	16T85A0410	CHILAKA VIJAY KUMAR


PRINCIPAL
Annamacharya Institute of
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Piglipur (V), Batasingaram (Post),
Abdullapurmet (M), R.R.Dist.HYD-501512.

An Industry Oriented Major-Project

On

**“BOMB DISPLACING ROBOT WITH WIRELESS VIDEO CAMERA
CONTROLLED FROM MOBILE USING IOT”**

A Major-project report submitted in partial fulfillment of the

requirements for the award of the degree of

Bachelor of Technology In

Electronics

and Communication Engineering

Submitted by

K.VYSHNAVI

(15T81A0466)

Y.SWATHI

(15T81A0458)

S.SRAVAN KUMAR (15T81A0450)

P.JAGADEESH KUMAR (15T81A0413)

Under the esteemed guidance of

Mr. NITESH GAIKWAD

Asst. professor, ECE Department, AITS, Hyderabad.



Department of Electronics and Communication Engineering

Annamacharya Institute of Technology & Sciences

Pilgipur (V), Datusingaram (P), HayathNagar (M), R.R. Dist., Hyderabad:501512.

(Affiliated to JNTU, Hyderabad)

2015-2019

**DEPARTMENT
OF
ELECTRONICS AND COMMUNICATION ENGINEERING**

CERTIFICATE

This is to certify that the Major-Project Work entitled "BOMB DISPLACING ROBOT WITH WIRELESS VIDEO CAMERA CONTROLLED FROM MOBILE USING IOT" is being submitted by following students during the Academic Year 2018-19 in partial fulfillment of the requirements for the award of the B.Tech Degree in ELECTRONICS AND COMMUNICATION ENGINEERING Specialization affiliated to JNTU, Hyderabad.

K.VYSHNAVI (15T81A0466)

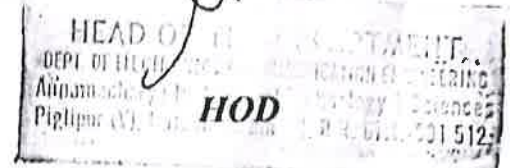
Y.SWATHI (15T81A0458)

S.SRAVAN KUMAR(15T81A0450)

P.JAGADEESH KUMAR(15T81A0413)

This record is a Bonafide work carried out by them under my guidance & supervision. The Result(s) embodied have not been submitted to any other University/Institution for the award of any Degree/Diploma.

[Signature]
Supervisor/Guide



Major-Project Viva-Voce Exam Held on Dated 30-04-2019

[Signature]
Internal Examiner

[Signature]
External Examiner

[Signature]
PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piplipur (V), Bataasingaram (Post),
Abdullapurmet (M), R.R.Dist.HYD-501 512.

An Industry Oriented Major-Project
On
“DDR SDRAM CONTROLLER”
A Major-project report submitted in partial fulfillment of the
Requirements for the award of the degree of
Bachelor of Technology
In
Electronics and Communication Engineering

Submitted by

AISHWARYA (15T81A0402) G.JAGADEESH (15T81A0412)
P. MAMATHA (16T85A0404) V. GOPAL REDDY (15T81A0408)

Under the esteemed guidance of

Mr. NITESH GAIKWAD
Asst. Prof., Hod of Ece Dept,
AITS, Hyderabad.



Department of Electronics and Communication Engineering
Annamacharya Institute of Technology & Sciences
Piglipur (V), Batasingaram (P), HayathNagar (M), R.R. Dist., Hyderabad: 501512.
(Affiliated to JNTU, Hyderabad)

2015-2019

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCE

Engineering, Technology and Applied Sciences Hyderabad - 501 512 (M)

(Approved by AICTE, New Delhi & Affiliated to JNTU Hyderabad, College Code: 10)

**DEPARTMENT
OF
ELECTRONICS AND COMMUNICATION ENGINEERING**
CERTIFICATE

This is to certify that the Major Project Work entitled "DDR SDRAM CONTROLLER" is being submitted by during the Academic Year 2015-19 in partial fulfillment of the requirements for the award of the B.Tech Degree in **ELECTRONICS AND COMMUNICATION ENGINEERING** Specialization affiliated to JNTU, Hyderabad

AISHWARYA (15T81A0402)
P. MAMATHA (16T85A0404)

G. JAGADEESH (15T81A0412)
V. GOPAL REDDY (15T81A0408)

This record is a ~~Explicit~~ work carried out by them under my guidance & supervision. The Result(s) entered have not been submitted to any other University Institution for the award of any Degree/Diploma/Di

Supervisor Guide

HOD

Major Project Viva-Voce Examination Date: 30/04/2019

Internal Examiner

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post),
Abdullapurmet (M), R.R. Dist. HYD-501 512.

D. Rao
External Examiner

An Industry Oriented Major Project

On

**“DESIGN OF LOW POWER & HIGH SPEED MULTIPLIER USING SPURIOUS
POWER SUPPRESSION TECHNIQUE”**

**A Major project report submitted in partial fulfillment of the
Requirements for the award of the degree of
Bachelor of Technology**

In

Electronics and Communication Engineering

Submitted by

**V. KRUPAKAR REDDY (15T81A0415) J. RENUKA (15T81A0436)
M. TEJA PRAKASH (15T81A0459) T. SWATHI (15T81A0457)**

Under the esteemed guidance of

Mr. J. PRADEEP,

Assistant professor, ECE Department,

AITTS, Hyderabad.



Department of Electronics and Communication Engineering

Annamacharya Institute of Technology & Sciences

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2015-2019

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCE

Piglipur, Batasingaram Panchayat, Hasath Nagar Mandal, R. R. Dist., Hyderabad, 501 512, TS.

(Approved by AICTE, New Delhi & Affiliated to JNTU, Hyderabad) College Code: 18

DEPARTMENT
OF
ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that the Major-Project Work entitled "DESIGN OF LOW POWER & HIGH SPEED MULTIPLIER USING SPURIOUS POWER SUPPRESSION TECHNIQUE" is being submitted by following students during academic year 2015-2019 in practical fulfillment of the requirement for the award of the B.Tech Degree in ELECTRONICS AND COMMUNICATION ENGINEERING Specialization affiliated to JNTU, HYDERABAD.

Y. KRUPAKAR REDDY (15T81A0415)

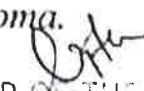
J. RENUKA (15T81A0436)

M. TEJA PRAKASH (15T81A0459)

T. SWATHI (15T81A0457)

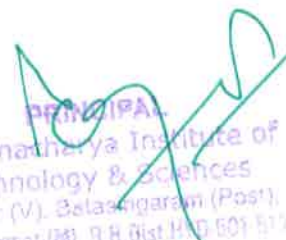
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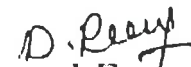

Supervisor/Guide


HEAD OF THE DEPARTMENT
DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING
Annamacharya Institute of Technology & Sciences
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Major-Project Viva-Voce Exam Held on Dated 30-04-2019


Internal Examiner


PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (P)
Aldibajpuri (M), R.R. Dist. H.D. 501 512


External Examiner

An Industry Oriented Major-Project

On

**"REAL TIME BASED SERVER SECURITY ROBOT WITH MOTION
DETECTION FOR RF CONTROLLER AND WIRELESS CAM USING
IOT"**

A Major-project report submitted in partial fulfillment of the

Requirements for the award of the degree of

Bachelor of Technology

In

Electronics and Communication Engineering

Submitted by

V.LAKSHMI(15T81A0416)

A.TARUNKUMAR(16T85A0409)

SHAIK.SALEEM(15T81A0443)

M.SRIKANTH(15T81A0454)

Under the esteemed guidance of

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Assistant professor, ECE Department,

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(Affiliated to JNTU, Hyderabad)

2015-2019

DEPARTMENT
OF
ELECTRONICS AND COMMUNICATION ENGINEERING
CERTIFICATE

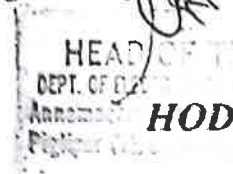
This is to certify that the Major-Project Work entitled "REAL TIME BASED SERVER SECURITY ROBOT WITH MOTION DETECTION FOR RF CONTROLLER AND WIRELESS CAM USING IOT" is being submitted by during the Academic Year 2015-19 in partial fulfillment of the requirements for the award of the B.Tech Degree in ELECTRONICS AND COMMUNICATION ENGINEERING Specialization affiliated to JNTU, Hyderabad.

V.LAKSHMI(15T81A0416)
SHAIK. SALEEM(15T81A0443)

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M.SRIKANTH(15T81A0454)

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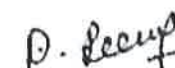

Supervisor/Guide



Major-Project Viva-Voce Exami Held on Dated 20/4/19


Internal Examiner


PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Bilasingaram (Post),
Abdullapurmet (M), R.R.Dist.HYD-501 612.


External Examiner

An Industry Oriented Major-Project

On

**"AUTOMATED IRRIGATION SYSTEM IN AGRICULTURE USING
WIRELESS SENSOR TECHNOLOGY"**

A Major-project report submitted in partial fulfillment of the

Requirements for the award of the degree of

Bachelor of Technology

In

Electronics and Communication Engineering

Submitted by

K.NIKHILA (15T81A0426)

K.PRANATHI (15T81A0429)

B.GOWTHAM (15T81A0409)

K.JAIPAL (15T81A0414)

Under the esteemed guidance of

Mr. B.R.V PRASAD

Assistant professor, ECE Department,

AITS, Hyderabad.



Department of Electronics and Communication Engineering

Annamacharya Institute of Technology & Sciences

**Piglipur (V), Batasingaram (P), HayathNagar (M), R.R. Dist.,
Hyderabad:501512.**

(Affiliated to JNTU, Hyderabad)

2015-2019

**DEPARTMENT
OF
ELECTRONICS AND COMMUNICATION ENGINEERING**


CERTIFICATE

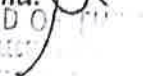
This is to certify that the Major-Project Work entitled "AUTOMATED IRRIGATION SYSTEM IN AGRICULTURE USING WIRELESS SENSOR TECHNOLOGY" is being submitted by the following students during the Academic Year 2018-19 in partial fulfillment of the requirements for the award of the B.Tech Degree in ELECTRONICS AND COMMUNICATION ENGINEERING Specialization affiliated to JNTU, Hyderabad.

K.NIKHILA (15T81A0426)
B.GOWTHAM (15T81A0409)

K.PRANATHI (15T81A0429)
K.JAIPAL (15T81A0414)

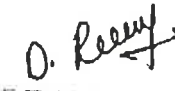
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Supervisor/Guide


HEAD OF DEPARTMENT
DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING
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PILGIPUR (V), BATASINGARAM (POST),
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HOD

Major-Project Viva-Voce Exam Held on Dated 30/04/2019


Internal Examiner


External Examiner


PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piligpur (V), Batasingaram (Post),
Abdullapurmot (M), R.R.Dist.HYD-501 512.

An Industrial Oriented Major-Project

On

"A HYBRID WIRED / WIRELESS INFRASTRUCTURE NETWORKING FOR GREEN HOUSE MANAGEMENT"

A Major-project report submitted in partial fulfillment of the

Requirements for the award of the degree of

Bachelor of Technology

In

Electronics and Communication Engineering

Submitted by

K.PAVAN KUMAR (15T81A0427)

K RUTHVIK REDDY (15T81A0439)

A.SHIREESHA (16T85A0407)

Under the esteemed guidance of

Mr.K. VENKANNA

Assistant professor, ECE Department,

AITS, Hyderabad.



Department of Electronics and Communication Engineering

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2015-2019

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCE

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(Approved by AICTE, New Delhi & Affiliated to JNTU, Hyderabad) College Code: 18

DEPARTMENT

OF

ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that the Major-Project Work entitled "A HYBRID WIRED / WIRELESS INFRASTRUCTURE NETWORKING FOR GREEN HOUSE MANAGEMENT "is being submitted by following students during academic year 2015-2019 in practical fulfillment of the requirement for the award of the B.Tech Degree in ELECTRONICS AND COMMUNICATION ENGINEERING Specialization affiliated to JNTU, HYDERABAD.

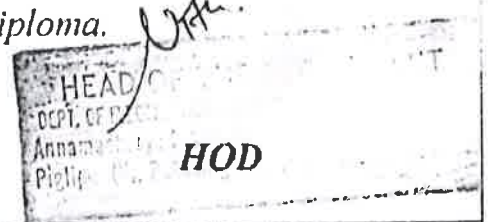
K.PAVAN KUMAR (15T81A0427)

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Supervisor/Guide



Major-Project Viva-Voice Exam Held on Dated 30-04-2019


Internal Examiner


PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Balasingaram (Post),
Abdullapurmet (M), R.R.Dist.HYD-501 512.


External Examiner

An Industry Oriented Major-Project

On

**“An Energy-Efficient Programmable Manycore Accelerator for
Personalized Biomedical Applications”**

A Major-project report submitted in partial fulfillment of the

Requirements for the award of the degree of

Bachelor of Technology

In

Electronics and Communication Engineering

Submitted by

B. P. AKSHAY KUMAR (15T81A0428) B. SHIVA (15T81A0447)

P. NAVEEN (15T81A0425) P. VAMSHI (15T81A0461)

Under the esteemed guidance of

Mr. P. RAJESHWAR,

Assistant professor, ECE Department,

AITS, Hyderabad.



Department of Electronics and Communication Engineering

Annamacharya Institute of Technology & Sciences

**Piglipur (V), Batasingaram (P), HayathNagar (M), R.R. Dist., Hyderabad:
501512.**

(Affiliated to JNTU, Hyderabad)

2015-2019

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCE

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, R. R. Dist., Hyderabad: 501 512, TS.

(Approved by AICTE, New Delhi & Affiliated to JNTU, Hyderabad) College Code: 18

DEPARTMENT

OF

ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that the Mini-Project Work entitled "AN ENERGY-EFFICIENT PROGRAMMABLE MANYCORE ACCELERATOR FOR PERSONALIZED BIOMEDICAL APPLICATIONS" is being submitted by following students during academic year 2015-2019 in practical fulfillment of the requirement for the award of the B. Tech Degree in ELECTRONICS AND COMMUNICATION ENGINEERING Specialization affiliated to JNTU, HYDERABAD.

B. P. AKSHAY KUMAR	(15T81A0428)	B. SHIVA	(15T81A0447)
P. NAVEEN	(15T81A0425)	P. VAMSHI	(15T81A0461)

This record is a Bonafide work carried out by them under my guidance & supervision. The Result(s) embodied have not been submitted to any other University Institution for the award of any Degree/Diploma.

[Signature]
Supervisor/Guide

DEPARTMENT
ELECTRONICS & COMMUNICATION ENGINEERING
Annamacharya Institute of Technology & Sciences
Piglipur (V), Batasingaram (P), R.R. Dist.-501 512
HOD

Major-Project Viva-Voce Exam Held on Dated 30/4/2019

[Signature]
Internal Examiner

[Signature]
External Examiner

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post),
Ab. - 501512 (R.R. Dist. HYD-501 512).

An Industry Oriented Major-Project

On

**“PETROCHEMICAL LEVEL INDICATOR AND CONTROLLER FOR COTTON
PURIFICATION OF PROCESS IN SPINNING MILLS WITH IOT”**

A Major-project report submitted in partial fulfillment of the

Requirements for the award of the degree of

Bachelor of Technology

In

Electronics and Communication Engineering

Submitted by

M.RAMYA (15T81A0433)

Y.LESHMIREDDY(15T81A0417)

N.RAVITHEJA (15T81A0435)

Y.HARIKRISHNA (15T81A0410)

Under the esteemed guidance of

Mr. B.R.V.PRASAD

Assistant professor, ECE Department,

AITS, Hyderabad.



Department of Electronics and Communication Engineering

Annamacharya Institute of Technology & Sciences

Piglipur (V), Batasingaram (P), HayathNagar (M), R.R. Dist.,Hyderabad:501512.

(Affiliated to JNTU, Hyderabad)

2015-2019

DEPARTMENT
OF
ELECTRONICS AND COMMUNICATION ENGINEERING
CERTIFICATE

This is to certify that the Major-Project Work entitled "PETROCHEMICAL LEVEL INDICATOR AND CONTROLLER FOR COTTON PURIFICATION PROCESS IN SPINNING MILLS WITH IOT" is being submitted by following student during the Academic Year 2018-19 in partial fulfillment of the requirements for the award of the B.Tech Degree in ELECTRONICS AND COMMUNICATION ENGINEERING Specialization affiliated to JNTU, Hyderabad.

M.RAMYA (15T81A0433)

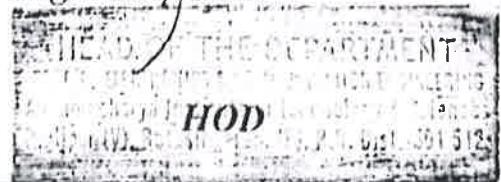
Y.LESHMI REDDY(15T81A0417)

N.RAVITHEJA(15T81A0435)

Y.HARIKRISHNA (15T81A0410)

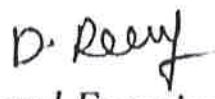
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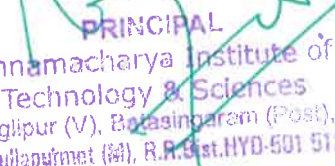

Supervisor/Guide



Major-Project Viva-Voce Exam Held on Dated 30/04/2019


Internal Examiner


External Examiner


PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Botasimgaram (Post),
Abdullapurmet (M), R.R. Dist. HYD-501 512.

An Industry Oriented Major-Project

On

**"FAST NEURAL NETWORK TRAINING ON FPGA USING QUASI
NEWTON OPTIMIZATION METHOD"**

A Major-project report submitted in partial fulfillment of the

Requirements for the award of the degree of

Bachelor of Technology

In

Electronics and Communication Engineering

Submitted by

K.REVATHI (15T81A0437) K.SHIVA KUMAR (15T81A0448)

P.PRIYANKA (15T81A0430) G.SAI DHEERAJ (15T81A0440)

Under the esteemed guidance of

Mr. CH. MURALI KRISHNA,

Assistant professor, ECE Department,

ITS, Hyderabad.



Department of Electronics and Communication Engineering

Annamacharya Institute of Technology & Sciences

Piglipur (V), Batasingaram (P), HayathNagar (M), R.R. Dist., Hyderabad: 501512.

(Affiliated to JNTU, Hyderabad)

2015-2019

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCE

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, R. R. Dist., Hyderabad: 501 512, TS.

(Approved by AICTE, New Delhi & Affiliated to JNTU, Hyderabad) College Code: T8

DEPARTMENT

OF

ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that the Major-Project Work entitled "FAST NEURAL NETWORK TRAINING ON FPGA USING QUASI NEWTON OPTIMIZATION METHOD" is being submitted by following students during academic year 2015-2019 in practical fulfillment of the requirement for the award of the B.Tech Degree in ELECTRONICS AND COMMUNICATION ENGINEERING Specialization affiliated to JNTU, HYDERABAD.

K.REVATHI (15T81A0437)

K.SHIVA KUMAR (15T81A0448)

P.PRIYANKA (15T81A0430)

G.SAI DHEERAJ (15T81A0440)

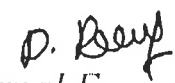
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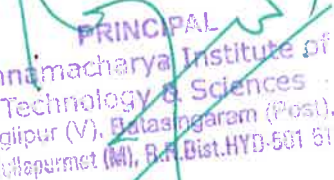

Supervisor/Guide


HOD

Major-Project Viva-Voce Exam Held on Dated 30/4/2019


Internal Examiner


External Examiner


PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post),
Abdullapurmet (M), R.R.Bist.HYD-501 512.

An Industry Major project-Project On
"DRINK&DRIVE DETECTION WITH IGNITION LOCKPROJECT"

A Major-project report submitted in partial fulfillment of the
Requirements for the award of the degree of
Bachelor of Technology

In

Electronics and Communication Engineering

Submitted by

MRUCHITHA (15T81A0438) R. DIVYA BHAVANI (15T81A0407)
V.MUKESH (15T81A0423) MD.SAMEER (15T81A0444)

Under the esteemed guidance of

Mr. N.Samuel Babu,

Assistant professor, ECE Department,

AITS, Hyderabad.



Department of Electronics and Communication Engineering
Annamacharya Institute of Technology & Sciences
Piglipur (V), Batasingaram (P), HayathNagar (M), R.R. Dist.Hyderabad:

501512.

(Affiliated to JNTU, Hyderabad)

2015-2019

DEPARTMENT
OF
ELECTRONICS AND COMMUNICATION ENGINEERING
CERTIFICATE

This is to certify that the Major-Project Work entitled
"DRINK&DRIVE DETECTION WITH IGNITION LOCK
PROJECT" is being submitted by following students during the Academic
Year 2015-19 in partial fulfillment of the requirements for the award of the
B.Tech Degree in ELECTRONICS AND COMMUNICATION
ENGINEERING Specialization affiliated to JNTU, Hyderabad.

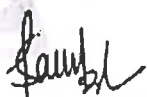
M.RUCHITHA (15T81A0438)

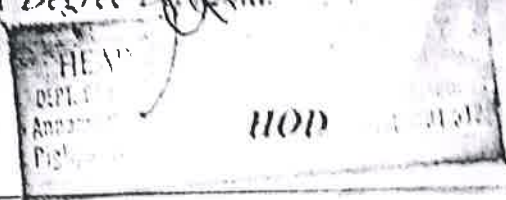
R.DIVYA BHAVANI (15T81A0407)

V.MUKESH (15T81A0423)

MD.SAMEER (15T81A0444)

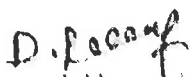
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& supervision. The Result(s) embodied have not been submitted to any other
University/Institution for the award of any Degree/Diploma.



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Major-Project Viva-Voce Exam Held on Dated 30-09-2019


Internal Examiner


External Examiner


PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post),
Abdullapurmet (M), H.R.Dist.HYD-501 512.

An Industry Oriented Major Project

on

**DESIGN ASPECTS FOR A REFERENCE M2M
COMMUNICATIONS PLATFORM FOR SMART CITIES***

A Major project report submitted in partial fulfillment of the
Requirements for the award of the degree of
Bachelor of Technology

In

Electronics and Communication Engineering

Submitted by

P. SHREESHA (15181A0446)

P. SARESH (15181A0424)

S. AMULYA (15181A0403)

S. SWATHI (15181A0456)

Under the esteemed guidance of

Mr. M. SANTOSH KUMAR,

Assistant professor, ECE Department,

AIITS, Hyderabad.



Department of Electronics and Communication Engineering

**Annamacharya Institute of Technology & Sciences Piglipur (V),
Batasringarum (P), HayathNagar (M), R.R. Dist., Hyderabad: 501512.**

(Affiliated to JNTU, Hyderabad)

2015-2019

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCE

Pilgipur, Batabojaram Panchayat, Hayath Nagar Mandal, R. R. Dist., Hyderabad: 501 512, TS.

(Approved by AICTE, New Delhi & Affiliated to JNTU, Hyderabad) College Code: 18

DEPARTMENT

OF

ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that the Major-Project Work entitled "DESIGN ASPECTS FOR A REFERENCE M2M COMMUNICATION PLATFORM FOR SMART CITIES" is being submitted by following students during academic year 2015-2019 in practical fulfillment of the requirement for the award of the B.Tech Degree in ELECTRONICS AND COMMUNICATION ENGINEERING Specialization affiliated to JNTU, HYDERABAD.

P. SHIREESHA (15T81A0446)

P. NARESH (15T81A0424)

S. AMULYA (15T81A0403)

S. SWATHI (15T81A0456)

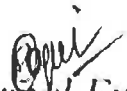
This record is a Bonafide work carried out by them under my guidance & supervision. The Result(s) embodied have not been submitted to any other University/Institution for the award of any Degree/Diploma.


Supervisor/Guide



HOD

Major-Project Viva-Voice Exam Held on Dated

30/4/19


Internal Examiner


External Examiner


PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Pilgipur (V), Batabojaram (Post),
Hayathnagar (M), R.R. Dist. HYD-501 512.

A Major-Project

On

“WOMEN SAFETY PATROLLING ROBOT”

A Major-project report submitted in partial fulfillment of the

Requirements for the award of the degree of

Bachelor of Technology

In

Electronics and Communication Engineering

Submitted by

V.SREEDEVI (15T81A0452) I.MANASA (15T81A0420)

P.CHANDRASHEKAR (15T81A0406) P.SANTHOSH REDDY (15T81A0445)

Under the esteemed guidance of

Mr. CH.SHYAM,

Assistant professor, ECE Department,

AITS, Hyderabad.



Department of Electronics and Communication Engineering

Annamacharya Institute of Technology & Sciences

Piglipur (V), Batasingaram (P), HayathNagar (M), R.R. Dist., Hyderabad: 501512.

(Affiliated to JNTU, Hyderabad)

2015-2019

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCE

Pilguru, Bantasingaram Panchayat, Hayath Nagar Mandal, R. G. Dist., Hyderabad- 501 512, TS

(Approved by AICTE, New Delhi & Affiliated to JNTU, Hyderabad) College Code: 18

DEPARTMENT

OF

ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that the Major-Project Work entitled "WOMEN SAFETY PATROLLING ROBOT" is being submitted by following students during academic year 2018-2019 in practical fulfillment of the requirement for the award of the B.Tech Degree in ELECTRONICS AND COMMUNICATION ENGINEERING Specialization affiliated to JNTU, HYDERABAD.

V.SRIDEVI (15T81A0452)

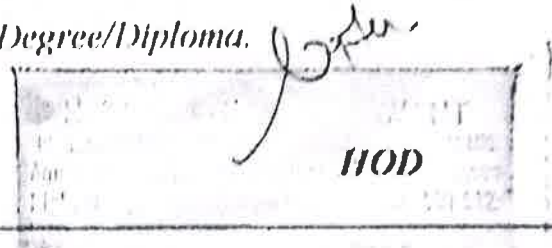
P.CHANDRA SHEKAR (15T81A0406)

I.MANASA (15T81A0420)

P.SANTHOSH REDDY (15T81A0445)


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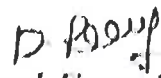

Supervisor/Guide

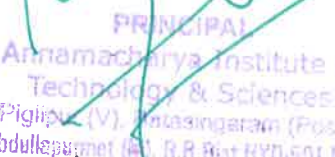


Major-Project Viva-Voce Exam Held on Dated

30/4/2019


Internal Examiner


External Examiner


PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Pilguru (V), Bantasingaram (Post),
Abdullapurmet (M), R.R.Bar.HYD-501 512.

An industry oriented Major-Project

On

**"EFFICIENT IMPLEMENTATION OF SCAN REGISTER
INSERTION ON INTEGER ARITHMETIC CORES OF FPGA"**

A Major-project report submitted in partial fulfillment of the

Requirements for the award of the degree of

Bachelor of Technology

In

Electronics and Communication Engineering

Submitted by

E.SRIKANTH (15T81A0453) M. RAVITEJA (15T81A0434)

K.VENKAT PRASAD REDDY(15T81A0462)

CHIVIJAY KUMAR(16T85A0410) M.BHAVANI(16T85A0402)

Under the esteemed guidance of

Mr. M.MAHESH,

Assistant professor, ECE Department,

AITS, Hyderabad.



Department of Electronics and Communication Engineering

Annamacharya Institute of Technology & Sciences

Piglipur (V), Batasingaram (P), HayathNagar (M), R.R. Dist., Hyderabad;
501512.

(Affiliated to JNTU, Hyderabad)

2015-2019

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCE

Pilgipuri, Bapatla region, Paschimachala, Hayath Nager Mandal, R. R. Dist., Hyderabad: 501 512, TS.

(Approved by AICTE, New Delhi & Affiliated to JNTU, Hyderabad) College Code: 18

DEPARTMENT

OF

ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that the Major-Project Work entitled "EFFICIENT IMPLEMENTATION OF SCAN REGISTER INSERTION ON INTEGER ARITHMETIC CORES OF FPGAs" is being submitted by following students during academic year 2015-2019 in practical fulfillment of the requirements for the award of the B.Tech Degree in Electronics and Communication Engineering Specialization affiliated to JNTU, HYDERABAD.

ESRIKANTH (15T81A0453) M. RAVITEJA (15T81A0434)

K VENKAT PRASAD REDDY (15T81A0462)

CH. VIJAY KUMAR (16T85A0410) M. BHAVANI (16T85A0402)

This record is a Bonafide work carried out by them under my guidance & supervision. The Result(s) embodied have not been submitted to any other University Institution for the award of any Degree Diploma.

Supervisor Guide

HOD

Major-Project Viva-Voce Exam Held on Date: 30/05/2019

Internal Examiner

D. Reep External Examiner

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Pilgipuri (V), Bapatla Region (Post),
Abdullapurmet (M), R.R. Dist., HYD-501 512

1-3-3

DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
Piglipur, Batasingaram (v), Hayathnagar (M), R.R.Dist, Hyderabad



CERTIFICATE


This is to certify that the project report entitled OF "AN ECONOMIC EVALUATION FOR CLOSING DIRECTIONAL RESTRICTIONS-A CASE STUDY AT L.B NAGAR INTERSECTION(NAGOLE TO SAGAR RING ROAD)-HYD"being submitted by

G.KAVYA RUPA	:	16T85A0110
K.MAHENDAR REDDY	:	15T81A0107
A.S.ARUN THILAK	:	16T85A0103
G.SANDHYA	:	16T85A0123

in a partial fulfillment of the requirements for the award of degree in **CIVIL ENGINEERING**, is a record of the Bonafide work carried out by them during the academic year 2018-2019 under our guidance and supervision.

Under Guidance

Mr. CH.TILAK


Head of the Department

Mr. CH.TILAK


INTERNAL GUIDE


EXTRNAL EXAMINER

DEPARTMENT OF CIVIL ENGINEERING

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

Piglipur, Batasingaram (v), Hayathnagar (M), R.R.Dist, Hyderabad



CERTIFICATE

This is to certify that the project report entitled " A COMPARATIVE STUDY BETWEEN REINFORCED CEMENT CONCRETE BEAMS AND PRESTRESSED CONCRETE BEAMS"

being submitted by

1. P. YASHWANTH (ROLL NO: 16T85A0132)
2. K. HARITHA (ROLL NO: 15T81A0105)
3. SAMPATH KUMAR (ROLL NO: 16T85A0122)
4. T. SRIVALLY (ROLL NO: 16T85A0129)

in a partial fulfillment of the requirements for the award of degree in CIVIL ENGINEERING, is a record of the Bonafide work carried out by them during the academic year 2018-2019 under our guidance and supervision.

Under Guidance

Mr.B. RAGHAVA MAHEEDHAR,

Head of the Department

Mr. CH. TILAK

INTERNAL GUIDE

EXTRNAL EXAMINER

Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post),
Abdullapurmet (M), R.R.Dist.HYD-501 512.

DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
Piglipur, Batasingaram (v), Hayathnagar (M), R.R.Dist, Hyderabad




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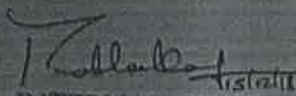
This is to certify that the project report entitled "REPLACEMENT OF ROBO SAND WITH FINE AGGREGATE IN M40 GRADE CONCRETE" being submitted by

- | | |
|--------------------|----------------------|
| 1. K. RAGHU | (ROLL NO:16T85A0116) |
| 2. M. SHASHI PRIYA | (ROLL NO:16T85A0125) |
| 3. K. KURUMOORTHY | (ROLL NO:16T85A0112) |
| 4. N. ARUN KUMAR | (ROLL NO:14T81A0105) |

in a partial fulfillment of the requirements for the award of degree in **CIVIL ENGINEERING**, is a record of the Bonafide work carried out by them during the academic year 2016-2019 under our guidance and supervision.

Under Guidance
Mr. Y. PRABHAKAR


Head of Department
Mr. CH. TILAK


INTERNAL GUIDE


EXTERNAL GUIDE

DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

Piglipur, Batasingaram (v), Hayathnagar (M), R.R.Dist, Hyderabad



CERTIFICATE

This is to certify that the project report entitled "DESIGN OF A RETAINING WALL BASED ON THE DATA COLLECTED FROM THE SITE" being

submitted by


HARATHI KUMARI	16T85A0108
G.BHARGAVI	16T85A0105
S.ROJA	16T85A0120
SK. ANJAR	16T85A0102

In a partial fulfillment of the requirements for the award of degree in **CIVIL ENGINEERING**, is a record of the Bonafide work carried out by them during the academic year 2018-2019 under our guidance and supervision.

Under Guidance

M.ARUN KUMAR


INTERNAL GUIDE


Head of the Department

Mr. CH.TILAK


EXTERNAL EXAMINER

DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

Piglipur, Batasingaram (v), Hayathnagar (M), R.R.Dist, Hyderabad



CERTIFICATE

This is to certify that the project report entitled

A CASE STUDY ON SEWAGE TREATMENT PLANT AT NAGOLE

Being submitted by

P.BHARATH TEJA - 16T85A0104

M.ABHILASH - 16T85A0101

M.VENKATESH - 16T85A0131

CH.PRASHANTH - 16T85A0115

A.KRANTHI KUMAR - 16T85A0111

In a partial fulfillment of the requirements for the award of degree in **CIVIL ENGINEERING**, is a record of the Bonafide work carried out by them during the academic year **2017-2018**. Under our guidance and supervision.

Under Guidance

Mr.Y.PRABHAKAR

Head of the Department

Mr.CH.TILAK

INTERNAL GUIDE

EXTERNAL GUIDE

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PRINCIPAL
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Technology and Sciences
Piglipur (V), Batasingaram (Post),
Abdullapurmet (M), R.R.Dist.HYD-501 512.

DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
Piglipur, Batasingaram (v), Hayathnagar (M), R.R.Dist, Hyderabad



CERTIFICATE

This is to certify that the project report entitled
A CASE STUDY ON SEWAGE TREATMENT PLANT AT NALLACHERUVU

Being submitted by

B.RAJKUMAR - 16T85A0118
B.KARUNAKAR - 16T85A0109
T.SRIKANTH - 16T85A0128
M.SWAMY - 16T85A0130
K.PRASANTH - 15T81A0109

In a partial fulfillment of the requirements for the award of degree in **CIVIL ENGINEERING**, is a record of the Bonafide work carried out by them during the academic year 2017-2018. Under our guidance and supervision.

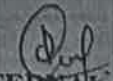
Under Guidance


Mr.N.UDAY KIRAN

Head of the Department

Mr.CH.TILAK


INTERNAL GUIDE


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EXTERNAL EXAMINER

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Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post),
Abdullapuram (M), R.R.Dist. HYD-501 922

DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
Piglipur, Batasingaram (v), Hayathnagar (M), R.R.Dist, Hyderabad



CERTIFICATE

This is to certify that the project report entitled "CAPACITY OF ROAD BY SPEED,
FLOW EQUATIONS IN URBAN TRAFFIC" being submitted by

SYED NAWAB SHAREEF - 16T85A0114
JELLA MAHENDAR - 16T85A0113
SHAIK AYESHA SULTHANA - 15T81A0101
UDUTHA RAJKUMAR - 16T85A0117

In a partial fulfilment of the requirements for the award of degree in **CIVIL ENGINEERING**, is a record of the Bonafide work carried out by them during the academic year 2017-2018 under our guidance and supervision.

Under Guidance

Mr. CHITIBABU


HEAD OF THE DEPARTMENT

Mr. CH. TILAK


INTERNAL GUIDE


EXTERNAL EXAMINER

A MAJOR PROJECT REPORT
ON
“CONTROL SCHEME FOR A STAND-ALONE
WIND ENERGY CONVERSION SYSTEM”
Major project submitted in partial fulfillment of the
Requirement for the award of degree of
BACHELOR OF TECHNOLOGY
IN
ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

Mr. MOHAMMED IRFAN PASHA	(16T85A0210)
Mr. RAMAVATH MANOJ KUMAR	(16T85A0214)
Mr. RAVIKANTI SHIVA KRISHNA	(16T85A0230)
Ms. CHEGOJU SANDHYA	(16T85A0229)

Under the esteemed guidance of

Mr M.LALIYA
M.Tech
ASST.PROFESSOR
Dept.of EEE, AITS-Hyderabad



Department of Electrical and Electronics Engineering

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
(Approved by AICTE, Recognized by the GOVT of T.S, & Affiliated to JNTUH, Hyderabad)
Accredited By NAAC with "A" Grade Piglipur, Batasingaram, Hayathnagar Mandal,
Hyderabad. R.R.Dist. -501512

2018-19



ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
(Approved by AICTE, Recognized by the GOVT of T.S, & Affiliated to JNTUH, Hyderabad)
Accredited By NAAC with "A" Grade Piplipur , Batasingaram, Hayathnagar Mandal, Hyderabad.
R.R.Dist. -501512


Department of Electrical & Electronics Engineering


CERTIFICATE

This is to certify that the project work entitled " **CONTROL SCHEME FOR A STAND-ALONE WIND ENERGY CONVERSION SYSTEM** " is a bonafide work done by :


Mr. MOHAMMAD IRFAN PASHA	(16T85A0210)
Mr. RAMAVATH MANOJ KUMAR	(16T85A0214)
Mr. RAVIKANTI SHIVA KRISHNA	(16T85A0230)
Ms. CHEGOJU SANDHYA	(16T85A0229)

In partial fulfillment for the award of Bachelor of Technology in Electrical and Electronics Engineering in ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES, during the Academic Year 2018-2019. The above work is carried out under the guidance & supervision. This work has not been submitted to any other university/college for award of any Degree.


Mr. M. LALIYA
M.Tech
Assistant Professor
Internal guide


Mr. J. SREEDHAR
M.Tech (Ph.D)
Associate Professor
Head of EEE DEPT
HEAD OF THE DEPARTMENT
Dept. of Electrical & Electronics Engineering
Annamacharya Institute of Technology & Sciences
Piplipur (V), Batasinghar (P), R.R. Dist. - 501 512

The Thesis submitted for external viva voice examination on _____


INTERNAL EXAMINER


EXTERNAL EXAMINER

**A
Major Project Report
On**

**"TRANSFORMER LESS HYBRID SERIES ACTIVE FILTER USING
POWER QUALITY IN 1- ϕ WITH CRITICAL LOADS"**

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

BACHELOR OF TECHNOLOGY

In

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

Mr. KORIMI SRIKANTH	(15T81A0215)
Mr. REKALA VISHNU	(16T85A0236)
Ms. CHINNAPAGA VANAJA	(16T85A0234)
Mr. NAKIREKANTI SANJEEVA	(15T81A0213)

Under the Esteemed guidance of

MR.G.BALACHANDRAIAH
M.Tech
ASST.PROFESSOR
DEPT OF EEE, AITS-Hyderabad



Department of Electrical and Electronics Engineering

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Approved by AICTE new delhi, accredited by NAAC with "A" grade permanently
affiliated to JNTUH piglipur , Batasingaram(v), Hayathnagar (M), R.R.Dist, Hyderabad
2018-2019



ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

(Approved by AICTE, Recognized by the GOVT of T.S, & Affiliated to JNTUH, Hyderabad)
Accredited By NAAC with "A" Grade Piplur, Batasingaram, Hayathnagar Mandal, Hyderabad.
R.R.Dist. -501512


Department of Electrical & Electronics Engineering


CERTIFICATE

This is to certify that the project work entitled " TRANSFORMER LESS HYBRID SERIES ACTIVE FILTER USING POWER QUALITY IN I-Ø WITH CRITICAL LOADS" is a bonafide work done by :

MR.KORIMI SRIKANTH	15T81A0215
MR.REKALA VISHNU	16T85A0236
MS.CHINNAPAGA VANAJA	16T85A0234
MR.NAKIREKANTI SANJEEVA	15T81A0213


In partial fulfillment for the award of Bachelor of Technology in Electrical and Electronics Engineering in ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES, during the Academic Year 2018-2019. The above work is carried out under the guidance & supervision. This work has not been submitted to any other university/college for award of any Degree.


Mr. G. BALACHANDRIAH
M.Tech
Assistant Professor
Internal guide


Mr. J. SREEDHAR
M.Tech (Ph.D)
Associate Professor
HEAD OF THE DEPARTMENT
Department of Electrical & Electronic Engineering
Annamacharya Institute of Technology & Sciences
Piplur (V), Batasingaram - 501512, R.R. Dist. - 501512

The Thesis submitted for external viva voice examination on _____


INTERNAL EXAMINER


EXTERNAL EXAMINER

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUH, Hyderabad)

Accredited by NAAC with 'A' Grade)

Piglipur, Batasingaram(v), Hayath Nagar (M), R.R.Dist, Hyderabad

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE




This is to certify that the project report entitled "HYBRID ELECTRICAL VEHICLES USING FUEL CELL AND SUPER CAPACITOR" being submitted by

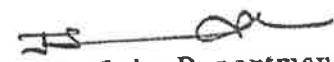
SABAVATH RAJ KUMAR [16T85A0224]

EPPALA PRABHUCHARAN [16T85A0222]

BOINI PRASHANTHKUMAR [16T85A0223]

In the partial fulfillment of the award of Bachelor Of Technology in **ELECTRICAL AND ELECTRONICS ENGINEERING**, is a record of the Bonafide work carried out by them during the academic year 2018-2019 under the guidance and supervision


Under the guidance of
Mr. B. SHIVA SHANKAR
M.Tech, Asst. Professor.
Dept. of EEE, AITS-HYD.


Head of the Department
Mr. J. SREEDHAR
M.Tech(Ph.D)
Associate Professor.
Dept. of EEE, AITS-HYD.

HEAD OF THE DEPARTMENT
Dept. of Electrical & Electronic Engineering
Annamacharya Institute of Technology & Sciences
Piglipur (V), Batasingaram (P), R.R. Dist. - 501 512


INTERNAL GUIDE


EXTERNAL EXAMINER

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

(Approved by AICTE, Recognized by the GOVT of T.S. & Affiliated to JNTU(H, Hyderabad)
Accredited by NAAC with A Grade

Piglipur, Batasingaram, Hayath Nagar Mandal, Hyderabad, R.R.Dist. -501512

Department of Electrical & Electronics Engineering

CERTIFICATE



This is to certify that the project work entitled "Power Control and Management in a Hybrid AC/DC Microgrid" is a bonafide work done by

LOUDIYA RAJESH

(Roll No. 15T81A0209)

KURVA PAVAN KUMAR

(Roll No. 16T85A0221)


MANNE MOUNIKA

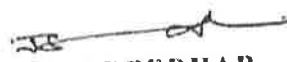
(Roll No. 16T85A0216)

KORIVI NARENDAR

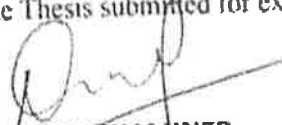
(Roll No. 16T85A0218)


In partial fulfillment for the award of Bachelor Of Technology in Electrical and Electronics Engineering in ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES, Piglipur, Batasingaram, Hayath Nagar Mandal, Hyderabad during the Academic Year 2018-2019. The above work is carried out under the guidance & supervision.


M. U. NARENDAR
Internal guide &
Assistant Professor
Dept. Of EEE


Mr. J. SREEDHAR
Associate Professor &
Head, Dept. Of EEE
ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
Dept. of Electrical & Electronics Engineering
Piglipur, Batasingaram, Hayath Nagar Mandal, Hyderabad, R.R.Dist. -501512

The Thesis submitted for external viva voice examination on _____


INTERNAL EXAMINER


EXTERNAL EXAMINER

A
PROJECT REPORT
ON
POWER CONTROL AND MANAGEMENT IN HYBRID AC/DC
MICRO GRID
A Thesis

Submitted in partial fulfillment of the requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY

In
ELECTRICAL AND ELECTRONICS ENGINEERING

By

LOUDIYA RAJESH	(Roll No. 15T81A0209)
KURVA PAVAN KUMAR	(Roll No. 16T85A0221)
MANNE MOUNIKA	(Roll No. 16T85A0216)
KORIVI NARENDAR	(Roll No. 16T85A0218)

Under the esteemed guidance of

Mr. U.NARENDER, M.Tech.(P.H.D)

Assistant Professor, EEE Dept.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ANNAMCHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
(Approved by AICTE & affiliated to JNTUH, Hyderabad)
Piglipur, Batasingaram, Hayathnagar (Mandal), Ranga Reddy District
Hyderabad - 501 512,
2018 - 2019

**A
Major Project Report
On**

**"TRANSFORMER LESS HYBRID SERIES ACTIVE FILTER USING
POWER QUALITY IN 1- ϕ WITH CRITICAL LOADS"**

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

BACHELOR OF TECHNOLOGY

In

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

Mr. KORIMI SRIKANTH	(15T81A0215)
Mr. REKALA VISHNU	(16T85A0236)
Ms. CHINNAPAGA VANAJA	(16T85A0234)
Mr. NAKIREKANTI SANJEEVA	(15T81A0213)

Under the Esteemed guidance of

MR.G.BALACHANDRAIAH

M.Tech

ASST.PROFESSOR

DEPT OF EEE, AITS-Hyderabad



Department of Electrical and Electronics Engineering

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Approved by AICTE new delhi, accredited by NAAC with "A" grade permanently
affiliated to JNTUH piglipur , Batasingaram(v),Hayathnagar (M), R.R.Dist, Hyderabad
2018-2019



ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

(Approved by AICTE, Recognized by the GOVT of T.S, & Affiliated to JNTUH, Hyderabad)
Accredited By NAAC with "A" Grade Piplipur, Batasingaram, Hayathnagar Mandal, Hyderabad.
R.R.Dist. -501512


Department of Electrical & Electronics Engineering

CERTIFICATE

This is to certify that the project work entitled " TRANSFORMER LESS HYBRID SERIES ACTIVE FILTER USING POWER QUALITY IN 1-Ø WITH CRITICAL LOADS" is a bonafide work done by :

MR.KORIMI SRIKANTH	15T81A0215
MR.REKALA VISHNU	16T85A0236
MS.CHINNAPAGA VANAJA	16T85A0234
MR.NAKIREKANTI SANJEEVA	15T81A0213


In partial fulfillment for the award of Bachelor of Technology in Electrical and Electronics Engineering in ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES, during the Academic Year 2018-2019. The above work is carried out under the guidance & supervision. This work has not been submitted to any other university/college for award of any Degree.


Mr. G. BALACHANDRASEKHARA
M.Tech
Assistant Professor
Internal guide


Mr. J. SREEDHAR
M.Tech (Ph.D)
Associate Professor
Head of EEE DEPT.
HEAD OF THE DEPARTMENT
Dept. of Electrical & Electronic Engineering
Annamacharya Institute of Technology & Sciences
Piplipur (V), Batasingaram (M.P), R.R. Dist. - 501 512

The Thesis submitted for external viva voce examination on _____


INTERNAL EXAMINER


EXTERNAL EXAMINER



ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Approved by AICTE, New Delhi, Accredited by NAAC "A" Grade, Affiliated to
JNTUH, Pilgipur (V), Batasingaram (P), Hayathnagar (M), Hyderabad-501512

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the major project entitled "A POWER CONVERSION METHOD FOR A GRID CONNECTED DISTRIBUTED GENERATION" has been successfully carried out, as a partial fulfilment for the award of "Bachelor of technology in Electrical and Electronics Engineering" from JNTUH Hyderabad.

This Bonafide work has been carried out by:

Mr. M. SRIKANTH

(16T85A0232)

Student of "ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES-Hyderabad" have carried out this project work during the academic year 2018-2019. The results embodied have not been submitted to any other university/institution for award of any Degree.

Project Guide

Mr. G. RAMESH

M. Tech

Head of the Department

Mr. J. SREEDHAR

HEAD OF THE DEPARTMENT
M. Tech (Ph. D)
Dept. of Electrical & Electronics Engineering
Annamacharya Institute of Technology & Sciences
Pilgipur (V), Batasingaram - 501512

Submitted for project VIVA VOICE held on dated.....

INTERNAL EXAMINER

EXTERNAL EXAMINER

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
(Approved by AICTE, Recognized by the GOVT of T.S. & Affiliated to JNTU, Hyderabad)
Accredited By NAAC with "A" Grade Piplur, Batusigaram, Hayathnagar Mandal, Hyderabad.
R.R.Dist. -501512

Department of Electrical & Electronics Engineering



CERTIFICATE

This is to certify that the project work entitled "CONNECTING TO UTILITY GRID BY MAINTAINING CONSTANT CURRENT BY USING SOLAR POWER GENERATION" being submitted by

LAKKAKULA NIKHIL KUMAR

(16T85A0220)

In partial fulfillment for the award of Bachelor of Technology in Electrical and Electronics Engineering in ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES, during the Academic Year 2018-2019. The above work is carried out under the guidance & supervision. This work has not been submitted to any other university/college for award of any Degree.

Under Guidance

Mr. S. PEDA KOTIAH, M.Tech

Assistant Professor

Dept. Of EEE, AITS-HYD

Head of the Dept.

Mr. J. SREEDHAR M.Tech (Ph.D)

Associate Professor

Dept. Of EEE, AITS-HYD
HEAD OF THE DEPARTMENT
Dept. of Electrical & Electronics Engineering
Annamacharya Institute of Technology & Sciences
Piplur (V), Batusigaram - (P), R.R. Dist - 501512

The Thesis submitted for external viva voice examination on _____

INTERNAL EXAMINER

EXTERNAL EXAMINER

A

Project Report

On

CONNECTING TO UTILITY GRID BY MAINTAINING CONSTANT
CURRENT BY USING SOLAR POWER GENERATION

Submitted for partial fulfillment of the requirement

For the award of the Degree of

BACHELOR OF TECHNOLOGY

In

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

LAKKAKULA NIKHIL KUMAR	16T85A0220
SHEKHALLA AJAY	16T85A0202
MASAGALLA ADESH	16T85A0201
SABBANI MANISH KUMAR	16T85A0213

Under the esteemed guidance of

Mr. S.PEDA KOTALAH , M.Tech.

Assistant Professor,

Dept of Electrical Engineering,

AITS, Hyderabad.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

(Approved by AICTE & affiliated to JNTUH, Hyderabad)

Piglipur, Batasingaram, Hayathnagar (Mandal), Ranga Reddy District
Hyderabad - 501 512,

2018-2019

Scanned with CamScanner

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
 Department of Electrical and Electronics Engineering
 (Approved by AICTE & affiliated to JNTUH, Hyderabad)
 Pithapur, Balesinguram, Hayathnagar (Mandal), Kangra Reddy District
 Hyderabad - 501 512.
 2018 - 2019



Assistant Professor, Dept of EEE, AITS-IITD,

MR. G.RAMESH, M.Tech

Under the esteemed guidance of

- | | | | |
|--------------------------------|--------------------------------|------------------------------|-----------------------------------|
| MR. MSIRKANTH
(161785A0232) | MR. K. RAJESH
(161785A0225) | MR. PHARSHI
(161785A0209) | MR. AJIRAN REDDY
(151781A0205) |
|--------------------------------|--------------------------------|------------------------------|-----------------------------------|

Submitted By

ELECTRICAL AND ELECTRONICS ENGINEERING

In

BACHELOR OF TECHNOLOGY

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

DISTRIBUTED GENERATION

A POWER CONVERSION METHOD FOR A GRID CONNECTED

ON

MAJOR PROJECT

INTERNAL EXAMINER

EXTERNAL EXAMINER

Submitted for project VIVA VOICE held on dated.....

HEAD OF DEPARTMENT
M.Tech (Ph.D.)
Dept. of Electrical Engineering
JNTU, Hyderabad
2015-16

M. Tech

Mr. G. RAMESH

Mr. J. SREEDHAR

Project Guide

Head of the Department

Student of "ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES-Hyderabad" have carried out this project work during the academic year 2018-2019. The results embodied have not been submitted to any other university/institution for award of any Degree.

Mr. M. SRIRANTHI

(16T85A0232)

This Bonafide work has been carried out by:

Hyderabad.
This is to certify that the major project entitled "A POWER CONVERSION METHOD FOR A GRID CONNECTED DISTRIBUTED GENERATION" has been successfully carried out, as a partial fulfillment for the award of "Bachelor of technology in Electrical and Electronics Engineering" from JNTUH Hyderabad.

CERTIFICATE

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Approved by AICTE, New Delhi, Accredited by NAAC "A" Grade, Affiliated to JNTU, Hyderabad (V), Batasingaram (P), Hayathnagar (M), Hyderabad-501512

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES





College Code : T8
ESTD: 2005

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

Piglipur, Batasingaram Panchayath, Hayath Nagar Mandal, Hyderabad, R.R. Dist. 501 512.

(Approved by AICTE, Recognized by the GOVT. of T.S., Permanent Affiliation from JNTUH, Hyderabad.)

Accredited by "NAAC" with "A" Grade, Recognized by UGC Under Section 2(f) and 12(B).

Phone : 08415-201689 (O)
Mobile : 9848924705

Website : aits-hyd.org
E-mail : principalaith@gmail.com
Fax : 08415-201688

DEPARTMENT OF MECHANICAL ENGINEERING LIST OF STUDENTS UNDERTAKING PROJECT WORK (AY 2019-20)

S NO	STUDENT ROLL NUMBER AND NAME
1	16T81A0302-MITTA AKHIL
2	16T81A0303-ALOK KUMAR JHA
3	16T81A0305-D ARAVIND KUMAR
4	16T81A0308-SHAIK HAFEEZ
5	16T81A0312-K NARSIMHA REDDY
6	16T81A0315-KOLLI PRADEEP KUMAR
7	16T81A0316-ANUPA RAMKUMAR
8	16T81A0318-PESHETTI SAIROHITH
9	16T81A0319-BANDHAM SAITEJA
10	16T81A0320-GUNDLAPALLY SANDEEP
11	16T81A0324-S SRIDHAR REDDY
12	16T81A0325-NALAJALA UDAY KIRAN
13	16T81A0326-S VENKATESH
14	16T81A0327-PUSHKAR DEV
15	16T85A0317-A SATISH KUMAR
16	17T85A0301-NADIMI DODDI BHEEMAI AH
17	17T85A0302-ESARI MALLESH
18	17T85A0303-BUTTA NAGARAJU
19	17T85A0304-ENUMULA NAGARAJU
20	17T85A0305-N NAGARAJU
21	17T85A0306-UDEM NIKIL REDDY
22	17T85A0307-PANJAGULA PRASAD
23	17T85A0308-MANTRALA PRASHANTH
24	17T85A0309-J RAMESH
25	17T85A0310-YARRA RAMYA
26	17T85A0311-RAGULA RAVITEJA
27	17T85A0312-MANDAVA SAI TEJ
28	17T85A0313-VEMULA SAIDA RAO
29	17T85A0314-MUDOJI SRINIVAS
30	17T85A0315-BAJAM VIJAY
31	17T85A0316-KOTI VIJAY KUMAR

HOD
HEAD OF THE DEPARTMENT
Dept. of Mechanical Engineering
Annamacharya Institute of Technology & Sciences
Piglipur (V), Batasingaram (T), R.R. Dist-501 512.

PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post),
PRINCIPAL
Abdullapurmet (M), R.R. Dist. HYD-501 512.

A
MAJOR Project Report on
**“HYBRID POWER GENERATION USING SOLAR, WIND AND
PIEZOELECTRIC ENERGY SOURCE”**

Submitted to
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD
In Partial fulfillment of the Requirement for the Award of the degree of
BACHELOR OF TECHNOLOGY

In
MECHANICAL ENGINEERING

Submitted

By

ALOK KUMAR JHA	16T81A0303
P. SAI ROHITH	16T81A0318
MUDOJI SRINIVAS	17T85A0314

Under The Esteemed Guidance Of

MR. B . PRAKASH(M.TECH)

ASSISTANT PROFESSOR

MECHANICAL DEPARTMENT



Department of Mechanical Engineering
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCE
Hayathnagar (M), R.R(D), Hyderabad-501512
(Affiliated to JNTU, Hyderabad)
2016-2020



Department of Mechanical Engineering
Annamacharya Institute Of Technology and Sciences-Hyderabad
(Accredited By NAAC With A Grade, recognized by UGC With 2(f)& 12(b)& permanent
Affiliated to JNTUH)
08415-201689, website:aits-hyd.org, E-mail:principalait@gmail.com

Date:

CERTIFICATE

This is to certify that the major project report entitled “HYBRID POWER GENERATION USING SOLAR, WIND AND PIEZOELECTRIC ENERGY SOURCE”

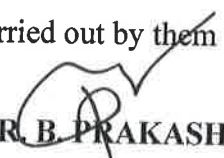
submitted by


ALOK KUMAR JHA(16T81A0303) ,

P. SAI ROHITH (16T81A0318),

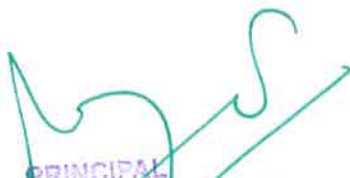
MOUDOJI SRINIVAS(17T81A0314)

in partial fulfillment for the Degree of Bachelor of Technology in **MECHANICAL ENGINEERING** to **Jawaharlal Nehru Technological University** is a report of bonafide work carried out by them under my guidance and supervision.


MR. B. PRAKASH
Assistant Professor
(Project Guide)


MR. B. JEEVAN KUMAR
Head of the Department
HEAD OF THE DEPARTMENT
Dept. of Mechanical Engineering
Annamacharya Institute of Technology & Sciences,
Pigilpur (V), Batasingaram (T), R.R. Dist. HYD-501 512

EXTERNAL EXAMINER


PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Pigilpur (V), Batasingaram (Post),
Abdullapurmet (R), R.R. Dist. HYD-501 512.

MAJOR PROJECT REPORT
ON
“PIPE LINE INSPECTION ROBOT”

Submitted to

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

In Partial fulfillment of the Requirement for the Award of the degree of

BACHELOR OF TECHNOLOGY

In

MECHANICAL ENGINEERING

Submitted

By

K.PRADEEP KUMAR	16T81A0315
A.RAM KUMAR	16T81A0316
B.SAI TEJA	16T81A0319

Under The Esteemed Guidance Of

Mr.MD JAVEED

ASST.PROFESSOR

MECHANICAL DEPARTMENT



Department of Mechanical Engineering

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCE

(Affiliated to JNTU, Hyderabad & NAAC “A” GRADE)

Hayathnagar (M), R.R(D), Hyderabad-501512

2016-2020



Department of Mechanical Engineering

Annamacharya Institute of Technology and Sciences-Hyderabad

(Accredited by NAAC with 'A' Grade, recognized by UGC with 2(f) & 12(b) & permanent Affiliation to JNTUH)

08415-201689, website: aits-hyd.org, E-mail: principalaith@gmail.com

Date:

CERTIFICATE

This is to certify that the project report entitled

“PIPE LINE INSPECTION ROBOT”

submitted by

K.PRADEEP KUMAR	16T81A0315
A.RAM KUMAR	16T81A0316
B.SAI TEJA	16T81A0319

In partial fulfillment for the Degree of Bachelor of Technology in **MECHANICAL ENGINEERING** under **Jawaharlal Nehru Technological University** is a report of bonafide work carried out by them during the academic year 2016-2020 under my guidance and supervision.

Javed

PROJECT GUIDE
Mr.MD JAVEED

Jw
HEAD OF THE DEPARTMENT
Mr.B.JEEVAN KUMAR

HEAD OF THE DEPARTMENT
Dept. of Mechanical Engineering
Annamacharya Institute of Technology and Sciences
Piglipur (V), Batasingeram (P-38),
Abdullapurmet (M), R.R.Dist.HYO-501 512

EXTERNAL EXAMINER

Mps
PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingeram (P-38),
Abdullapurmet (M), R.R.Dist.HYO-501 512

**A
Major Project Report
on
“DESIGN AND FABRICATION OF SHAFT DRIVEN
BICYCLE
”**

Submitted in the Partial Fulfillment of the Requirements

**For the Award of the Degree of
BACHELOR OF TECHNOLOGY**

**In
MECHANICAL ENGINEERING**

Submitted

By

UDEM NIKHIL REDDY (17T85A0306)

PANJUGULA PRASAD (17T85A0307)

ENUMULA NAGARAJU (17T85A0304)

Under The Esteemed Guidance Of

MR.BHARATH KUMAR

M.TECH

ASST.PROFESSOR

MECHANICAL DEPARTMENT



**Department of Mechanical Engineering
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCE**

Hayathnagar (M), R.R(D), Hyderabad-5015

(Affiliated to JNTU, Hyderabad)

[2016-2020]



Department of Mechanical Engineering

Annamacharya Institute of Technology and Sciences-Hyderabad

(Accredited by NAAC with 'A' Grade, recognized by UGC with 2(f) & 12(b) & permanent Affiliation to JNTUH)

08415-201689, website: aits-hyd.org, E-mail: principalaith@gmail.com

Date:.....

CERTIFICATE

This is to certify that project title **“DESIGN AND FABRICATION OF SHAFT DRIVEN BICYCLE”** is a bonafide work carried over by

UDEM NIKHIL REDDY (17T85A0306)

PANJUGULA PRASAD (17T85A0307)

ENUMULA NAGARAJU (17T85A0304)

In partial fulfillment of the requirements for the award of the degree Bachelor of Technology in Mechanical Engineering from Jawaharlal Technology University, Hyderabad (academic year 2016-2020).

Mr. BHARATH KUMAR

Internal Guide

PRINCIPAL

**Annamacharya Institute of
Technology & Sciences
Piglipur (V), Batasingaram (Post),
Abdulapurmet (M), R.R.Dist.HYD-501 512.**

Mr. B.JEEVAN KUMAR

Head of Department of ME

**Department of Mechanical Engineering
Annamacharya Institute of Technology & Sciences
Piglipur (V), Batasingaram (Post), R.R. Dist. HYD-501 512**

External-Examiner

**A
MAJOR PROJECT REPORT
ON
“FABRICATION OF ELECTRICAL POWER GENERATION FROM SPEED
BREAKER USING RACK AND PINION MECHANISM”
Submitted to**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

In Partial fulfillment of the Requirement for the Award of the degree of

BACHELOR OF TECHNOLOGY

In

MECHANICAL ENGINEERING

Submitted

By

VEMULA SAIDARAO	17T85A0313
BAJAM VIJAY	17T85A0315
GUNDLAPALLY SANDEEP REDDY	16T81A0320

Under The Esteemed Guidance Of

MR. R.UPENDAR

ASST.PROFESSOR

MECHANICAL DEPARTMENT



Department of Mechanical Engineering

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCE

(Affiliated to JNTU, Hyderabad & NAAC “A” GRADE)

Hayathnagar (M), R.R(D), Hyderabad-501512

2016-2020



Department of Mechanical Engineering

Annamacharya Institute of Technology and Sciences-Hyderabad

(Accredited by NAAC with 'A' Grade, recognized by UGC with 2(f) & 12(b) & permanent Affiliation to JNTUH)

08415-201689, website: aits-hyd.org, E-mail: principalaith@gmail.com

Date:

CERTIFICATE

This is to certify that the project report entitled


“FABRICATION OF ELECTRICAL OWER GENERATION FROM SPEED BREAKER USING RACK AND PINION MECHANISM”

submitted by

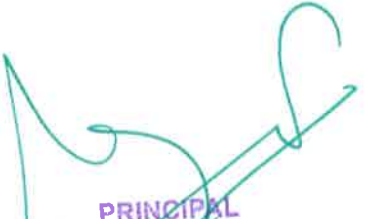
VEMULA SAIDARAO	17T85A0313
BAJAM VIJAY	17T85A0315
GUNDLAPALLY SANDEEP REDDY	16T81A0320

In partial fulfillment for the Degree of Bachelor of Technology in **MECHANICAL ENGINEERING** under **Jawaharlal Nehru Technological University** is a report of bonafide work carried out by them during the academic year **2016-2020** under my guidance and supervision.


MR.R.UPENDAR
PROJECT GUIDE


MR.B.JEEVAN KUMAR
HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER


PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Bataasingaram (Post),
Abdullapurmet (M), G.R.Dist.HYD-501 612.

**A Major Project Report
On
“Automatic Gear Shifting”**

Submitted in the Partial Fulfillment of the Requirements

**For the Award of the Degree of
BACHELOR OF TECHNOLOGY**

**In
MECHANICAL ENGINEERING**

Submitted

By

S. SRIDHAR REDDY	16T81A0324
N. NAGARAJU	17T85A0305
KOTI VIJAY KUMAR	17T85A0316

Under The Esteemed Internal Supervisor Of

**MR. SAYANNA
M.TECH.(PH.D),LLB.
ASST.PROFESSOR**

**IN
MECHANICAL DEPARTMENT**



**Department of Mechanical Engineering
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCE
Hayathnagar (M), R.R (D), Hyderabad-501512**

(Affiliated to JNTU, Hyderabad)



Department of Mechanical Engineering

Annamacharya Institute of Technology and Sciences-Hyderabad

(Accredited by NAAC with 'A' Grade, recognized by UGC with 2(f) & 12(b) & permanent Affiliation to JNTUH)

08415-201689, website: aits-hyd.org, E-mail: principalaith@gmail.com

Date:.....

CERTIFICATE

This is to certify that project title "AUTOMATIC GEAR TRANSMISSION" is a bonafide work carried over by

S. SRIDHAR REDDY

16T81A0324

N. NAGARAJU

17T85A0305

KOTI VIJAY KUMAR

17T85A0316

In partial fulfillment of the requirements for the award of the degree Bachelor of Technology in Mechanical Engineering from Jawaharlal Technology University, Hyderabad (academic year 2019-2020).

HEAD OF THE DEPARTMENT
Dept. of Mechanical Engineering
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2

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Annamacharya Institute of
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Abdullapurmet (M), R.R.Dist.HYD-501 512.

**A Major Project Report
On**

SOLAR POWERED AUTOMATED IRRIGATION WATER PUMP CONTROLLER WITH VOLTAGE PLOT ON MATLAB "

Submitted in the Partial Fulfillment of the Requirements

**For the Award of the Degree of
BACHELOR OF TECHNOLOGY**

In

MECHANICAL ENGINEERING

Submitted

By

SANDAPUR VENKATESH 16T81A0326

RAGULA RAVITEJA 17T85A0311

MANDAVA SAITEJA 17T85A0312

Under The Esteemed Guidance Of

MR JAVEED

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RAGULA RAVITEJA	17T85A0311
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y. Javed
Internal Guide

[Signature]
Head of Department of ME

External-Examiner

ACKNOWLEDGMENT

The successful completion of any tasks would be in complete without the monition of the people who made it possible v
onstant guidance and encouragement crowns all the efforts with success.

We take this opportunity to express my gratitude to all those who helped me to carry out this project successfully. We expr
y profound gratitude for their valuable guidance and support. We owe my sincere gratitude to our principal **Dr P.V.KRISHN
MURTHY** and also to our college committee members for giving their encouragement that helped me to complete the pro
successfully.

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Piglipur (V), Balasingaram (Post),
Abdullapurmet (M), R.R.Bid. HYD-501 512

**A
MAJOR PROJECT REPORT ON
“CFD FLOW ANALYSIS OF A REFRIGERANT
INSIDE ADIABATIC CAPILLARY TUBE”**

Submitted to

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

In Partial fulfillment of the Requirement for the Award of the degree of

BACHELOR OF TECHNOLOGY

In

MECHANICAL ENGINEERING

Submitted

By

K.NARSHIMHA REDDY 16T81A0312

N.UDAY KIRAN 16T81A0325

E.MALLESH 17T85A0302

Under The Esteemed Guidance Of

MR. SRINIVASULU

ASST.PROFESSOR

MECHANICAL DEPARTMENT



**Department of Mechanical Engineering
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCE
(Affiliated to JNTU, Hyderabad &NAAC “A”GRADE)
Hayathnagar (M), R.R(D), Hyderabad-501512
2016-2020**



Department of Mechanical Engineering
Annamacharya Institute of Technology and Sciences-Hyderabad
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Date:

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This is to certify that the project report entitled
**"CFD FLOW ANALYSIS OF A REFRIGERANT
INSIDE ADIABATIC CAPILLARY TUBE"**
submitted by

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N.UDAY KIRAN	16T81A0325
E.MALLESH	17T85A0302


In partial fulfillment for the Degree of Bachelor of Technology in **MECHANICAL ENGINEERING** under **Jawaharlal Nehru Technological University** is a report of bonafide work carried out by them during the academic year **2016-2020** under my guidance and supervision.


MR.SRINUVASULU
PROJECT GUIDE


MR.B.JEEVAN KUMAR
HEAD OF THE DEPARTMENT

HEAD OF THE DEPARTMENT
Dept. of Mechanical Engineering
Annamacharya Institute of Technology & Sciences
P.O. Box 501, Bataasingaram (T), R.R. Dist-501 512

EXTERNAL EXAMINER


Principal
Annamacharya Institute of
Technology & Sciences
Piglipur (V), Bataasingaram (Post),
Abdullapurmat (M), R.R. Dist. HYD-501 512.

A
MAJOR PROJECT REPORT
ON
“SOLAR BASED AIR COMPRESSOR PUMP FOR CAR, BIKE TIRE
INFLATE”

Submitted to

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

In Partial fulfillment of the Requirement for the Award of the degree of

BACHELOR OF TECHNOLOGY

In

MECHANICAL ENGINEERING

Submitted

By

SHAIK HAFEEZ	16T81A0308
NADIMIDODDI BHEEMAI AH	17T85A0301
J RAMESH	17T85A0309

Under The Esteemed Guidance Of

Ms T SRIKANTHI

ASST.PROFESSOR

MECHANICAL DEPARTMENT



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2016 - 2020



Department of Mechanical Engineering

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Date.....

CERTIFICATE

This is to certify that the project report entitled

“Solar based air compressor pump for car, bike tire inflate”

Submitted by

SHAIK HAFEEZ

16T81A0308

NADIMIDODDI BHEEMAI AH

17T85A0301

J RAMESH

17T85A0309

In partial fulfillment for the Degree of Bachelor of Technology in **MECHANICAL ENGINEERING** under **Jawaharlal Nehru Technological University** is a report of bonafide work carried out by them during the academic year 2016-2020 under my guidance and supervision.

T. Srikanthi

Ms.T SRIKANTHI
PROJECT GUIDE

Jeevan Kumar

MR.B JEEVAN KUMAR
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**A Major Project Report
On
“Electricity Generation Through Radiator Heat” (BATCH:5)
Submitted in the Partial Fulfillment of the Requirements**

**For the Award of the Degree of
BACHELOR OF TECHNOLOGY**

**In
MECHANICAL ENGINEERING**

Submitted

By

BUTTA NAGARAJU	17T85A0303
MANTHRALA PRASHANTH REDDY	17T85A0308
DILLI ARAVIND KUMAR	16T81A0305

Under The Esteemed Guidance Of

**MR S SIVA KUMAR
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This is to certify that project title “**Electricity Generation Through Radiator Heat**” is a bonafied work carried over by

BUTTA NAGARAJU	17T85A0303
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In partial fulfillment of the requirements for the award of the degree Bachelor of Technology in Mechanical Engineering from Jawaharlal Technology University, Hyderabad (academic year 2019-2020).

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Head of Department of ME

External-Examiner

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PRINCIPAL
Annamacharya Institute of
Technology & Sciences
Pigilpur (V), Bellamkonda (T),
Abdullapurmet (M), R.R. Dist.HYD-501 512.

A
STUDY ON
NON PERFORMING ASSETS
AT
HDFC BANK, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of

MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

BOYA ARUNA
(H.NO: 18T81E0005)

Under the Guidance of

K. SWAPNA

Asst. Prof.



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This is certify that project report entitled "NON PERFORMING ASSETS" done at "HDFC BANK, HYDERABAD" submitted by BOYA ARUNA, bearing the Roll No: 18T81E0005, for the award of "MASTER OF BUSINESS ADMINISTRATION" of Jawaharlal Nehru Technological University, Hyderabad is record of independent project work under taken by his, under my supervision and guidance & the project has not been submitted either in part or whole for the award of any other degree or diploma of any university.

INTERNAL GUIDE

K. SWAPNA

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HEAD OF DEPARTMENT

Dr. T. PRANAYA SREE MBA, PhD

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EXTERNAL EXAMINER

**A
STUDY ON
RURAL MARKETING**

AT

HERITAGE FOOD'S (INDIA) LIMITED, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of

MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

NANDAGIRI RAGHU VAMSHI

(H.NO: 18T81E0029)

Under the Guidance of

Dr. T. PRANAYA SREE



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This is certify that project report entitled "**RURAL MARKETING**" done by
"HERITAGE FOOD'S (INDIA) LIMITED" submitted by **NANDAGIRI RAGHAVA**
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for the award of any other degree or diploma of any university.

INTERNAL GUIDE

Dr. T. PRANAYA SREE

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Dr. T. PRANAYA SREE, A, PhD

Asst. Professor & HC

EXTERNAL EXAMINER

A
STUDY ON
PROFITABILITY ANALYSIS

AT
Dr. REDDY'S LABORATORIES, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of
MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY
E.RANJITA
(H.NO: 18T81E0035)

Under the Guidance of
RAMA KRISHNA
Asst. Prof.



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This is certify that project report entitled “**PROFITABILITY ANALYSIS** done at “**Dr. REDDY’S LABORATORIES**” submitted by **E.RANJITA**, bearing the Roll No: **18T81E0035**, for the award of “**MASTER OF BUSINESS ADMINISTRATION**” of Jawaharlal Nehru Technological University, Hyderabad is record of independent project work under taken by her, under my supervision and guidance & the project has not been submitted either in part or whole for the award any other degree or diploma of any university.

INTERNAL GUIDE

RAMA KRISHNA

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EXTERNAL EXAMINER

A
STUDY ON
PORTFOLIO MANAGEMENT
AT
HDFC BANK, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of

MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

BANSODE POORNIMA

(H.NO: 189R1E0003)

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This is certify that project report entitled **“PORTFOLIO MANAGEMENT** done at **“HDFC BANK, HYDERABAD”** submitted by **BANSODE POORNIMA** bearing the **Roll No: 189R1E0003**, for the award of **“MASTER OF BUSINES ADMINISTRATION”** of Jawaharlal Nehru Technological University, Hyderabad is record of independent project work under taken by her, under my supervision ar guidance & the project has not been submitted either in part or whole for the award of any other degree or diploma of any university.


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HEAD OF DEPARTMENT

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Asst. professor & HOD


EXTERNAL EXAMINER

A
STUDY ON
FINANCIAL RISK MANAGEMENT

AT
AUROBINDO PHARMA, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of

MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

CHITYALA SRIKANTH
(H.NO: 189R1E0004)

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This is certify that project report entitled "FINANCIAL RISK MANAGEMENT" done at "AUROBINDO PHARMA, HYDERABAD" submitted by CHITYALA SRIKANTH, bearing the Roll No: 189R1E0004, for the award of "MASTER OF BUSINESS ADMINISTRATION" of Jawaharlal Nehru Technological University, Hyderabad is a record of independent project work under taken by him, under my supervision and guidance & the project has not been submitted either in part or whole for the award of any other degree or diploma of any university.

INTERNAL GUIDE

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HEAD OF DEPARTMENT

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Asst. professor & HOD

EXTERNAL EXAMINER

A
STUDY ON
EQUITY ANALYSIS AND VALUATION
AT
KOTAK SECURITIES, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of

MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

METTU SAIKA
(H.NO: 189R1E0009)

Under the Guidance of

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This is certify that project report entitled “EQUITY ANALYSIS AND VALUATION” done at “KOTAK SECURITIES, HYDERABAD” submitted by **METTU SAIKA**, bearing the Roll No: **189R1E0009**, for the award of “**MASTER OF BUSINESS ADMINISTRATION**” of Jawaharlal Nehru Technological University, Hyderabad is a record of independent project work undertaken by him, under my supervision and guidance & the project has not been submitted either in part or whole for the award of any other degree or diploma of any university.

INTERNAL GUIDE

KALYANI SWATHI

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EXTERNAL EXAMINER

A
STUDY ON
CAPITAL STRUCTURE ANALYSIS
AT
RAMCO CEMENT, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of

MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

GAINI RAJENDHAR

(H.NO: 189R1E0012)

Under the Guidance of

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CERTIFICATE

This is certify that project report entitled “**CAPITAL STRUCTURE ANALYSIS**” done at “**RAMCO CEMENT**” submitted by **GAINI RAJENDHAR** bearing the **Roll No: 189R1E0012**, for the award of “**MASTER OF BUSINESS ADMINISTRATION**” of Jawaharlal Nehru Technological University, Hyderabad is record of independent project work under taken by him, under my supervision and guidance & the project has not been submitted either in part or whole for the award any other degree or diploma of any university.


INTERNAL GUIDE

KALYANI SWATHI

Asst. Prof.


HEAD OF DEPARTMENT

Dr. T. PRANAYA SREE MBA, PhD

Asst. professor & HOD


EXTERNAL EXAMINER

A
STUDY ON
MOTIVATIONAL LEVELS OF EMPLOYEE
AT
VISAKA INDUSTRIES PRIVATE LIMITED, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of

MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

MONIKA VALLABH
(H.NO: 18T81E0020)

Under the Guidance of

VANAJAKSHI

Asst. Prof.



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CERTIFICATE

This is certify that project report entitled "MOTIVATIONAL LEVEL OF EMPLOYEE" done at "VISAKA INDUSTRIES PRIVATE LIMITED, HYDERABAD" submitted by MONIKA VALLABH bearing the Roll No : 18T81E0020, for the award of "MASTER OF BUSINESS ADMINISTRATION" of Jawaharlal Nehru Technological University, Hyderabad is a record of independent project work under taken by her, under my supervision and guidance & the project has not been submitted either in part or whole for the award of any other degree diploma of any university.

INTERNAL GUIDE

VANAJAKSHI

Asst. Prof.

HEAD OF DEPARTMENT

Dr. T. PRANAYA SREE MB/ HD

Asst. Professor & HOD

EXTERNAL EXAMINER

A
STUDY ON
IMPACT OF WORKING CAPITAL MANAGEMENT

AT
NAGARJUNA FERTILIZERS AND CHEMICALS LIMITED,
HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

OF
MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

B. SRUTHI
(H.NO: 18T81E0043)

Under the Guidance of

M. MRUDULA

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CERTIFICATE

This is certify that project report entitled “**IMPACT OF WORKING CAPITAL MANAGEMENT**” done at “**NAGARJUNA FERTILIZERS AND CHEMICALS LIMITED, HYDERABAD**” submitted by **B. SRUTHI** bearing the Roll No: **18T81E0043**, for the award of “**MASTER OF BUSINESS ADMINISTRATION**” of Jawaharlal Nehru Technological University, Hyderabad is a record of independent project work under taken by hes, under my supervision and guidance & the project has not been submittted either in part or whole for the award of any other degree or diploma of any university.

M. Mrudula

INTERNAL GUIDE

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Asst. Prof.

Dr. T. Pranaya Sree

HEAD OF DEPARTMENT

Dr. T. PRANAYA SREE MBA, P

Asst. Professor & HOD

External Examiner
EXTERNAL EXAMINER

A
STUDY ON
EQUITY ANALYSIS OF CEMENT SECTOR

AT
ADITYA BIRLA CAPITAL LIMITED, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of
MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

AVIRENU USHA
(H.NO: 18T81E0050)

Under the Guidance of

P. BHARGAVI

Asst. Prof.



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CERTIFICATE

This is certify that project report entitled "EQUITY ANALYSIS OF CEMENT SECTOR" done at "ADITYA BIRLA CAPITAL LIMITED, HYDERABAD" submitted by AVIRENU USHA bearing the Roll No: 18T81E0050, for the award of "MASTER OF BUSINESS ADMINISTRATION" of Jawaharlal Nehru Technological University, Hyderabad is a record of independent project work under taken by her, under my supervision and guidance & the project has not been submitted either in part or whole for the award of any other degree or diploma of any university.


INTERNAL GUIDE

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Asst. Prof.


HEAD OF DEPARTMENT

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Asst. professor & HOD


EXTERNAL EXAMINER

A
STUDY ON
CURRENCY TRADING

AT

NETWORTH STOCK BROKING LIMITED, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of

MASTER OF BUSINESS ADMINISTRATION (MBA)

AWAHARI L NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

PATHURI YOGENDAR GOUD

(H.NO: 18T81E0055)

Under the Guidance of

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CERTIFICATE

This is certify that project report entitled "CURRENCY TRADING" done at "NETWORTH STOCK BROKING LIMITED, HYDERABAD" submitted by PATHURI YOGENDAR GOUD bearing the Roll No: 18T81E0055, for the award of "MASTER OF BUSINESS ADMINISTRATION" of Jawaharlal Nehru Technological University, Hyderabad is a record of independent project work under taken by his, under my supervision and guidance & the project has not been submitted either in part or whole for the award of any other degree or diploma of any university.

INTERNAL GUIDE
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A
STUDY ON
Start-up challenges and its critical analysis
AT
ACCFIN SOLUTIONS, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of

MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

Kranthi Vidhatha K

(H.NO: 18T81E0018)

Under the Guidance of

PLSP RAJARAO

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This is certify that project report entitled “**START-UP & ITS CRITICAL ANALYSIS**” done at “**ACCFIN SOLUTIONS**” submitted by **KRANTHI VIDHATHA K** bearing the Roll No: **18T81E0018**, for the award of “**MASTER OF BUSINESS ADMINISTRATION**” of Jawaharlal Nehru Technological University, Hyderabad is a record of independent project work under taken by his, under my supervision and guidance & the project has not been submitted either in part or whole for the award of any other degree or diploma of any university.

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EXTERNAL EXAMINER

A
STUDY ON
CUSTOMER SATISFACTION

AT

HERITAGE FOOD'S (INDIA) LIMITED, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of

MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

A. DHARMENDHAR

(H.NO: 18T81E0011)

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This is certify that project report entitled “CUSTOMER SATISFACTION” done at “HERITAGE FOOD’S (INDIA) LIMITED, HYDERABAD” submitted by A. DHARMENDHAR bearing the Roll No: 18T81E0011, for the award of “ MASTER OF BUSINESS ADMINISTRATION” of Jawaharlal Nehru Technological University, Hyderabad is a record of independent project work under taken by his, under my supervision and guidance & the project has not been submitted either in part or whole for the award of any other degree or diploma of any university.

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EXTERNAL EXAMINER

**A
STUDY ON
STOCK CONTROL SYSTEM (INVENTORY MANAGEMENT)**

**AT
ULTRATECH CEMENT, HYDERABAD**

Project submitted in partial fulfillment of requirement for the award of the degree

Of

MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

BIRUDHOJU PAVAN KUMAR

(H.NO: 18T81E0026)

Under the Guidance of

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This is certify that project report entitled **“STOCK CONTROL SYSTEM (INVENTORY MANAGEMENT)”** done at **“ULTRATECH CEMENT, HYDERABAD”** submitted by **BIRUDHOJU PAVAN KUMAR**, bearing the Roll No: **18T81E0026**, for the award of **“MASTER OF BUSINESS ADMINISTRATION”** of Jawaharlal Nehru Technological University, Hyderabad is a record of independent project work under taken by his, under my supervision and guidance & the project has not been submitted either in part or whole for the award of any other degree or diploma of any university.

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EXTERNAL EXAMINER

**A
STUDY ON
PERFORMANCE APPRAISAL**

**AT
KOTAK LIFE INSURANCE, HYDERABAD**

Project submitted in partial fulfillment of requirement for the award of the degree

Of

MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

**SAVULE DIVYA
(H.NO: 18T81E0013)**

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This is certify that project report entitled "A STUDY ON PERFORMAN E APPRAISAL" done at "KOTAK LIFE INSURANCE, HYDERABAD" submitted y SAVULE DIVYA, bearing the Roll No: 18T81E0013, for the award of "MASTER F BUSINESS ADMINISTRATION" of Jawaharlal Nehru Technological Univers , Hyderabad is a record of independent project work under taken by her, under : y supervision and guidance & the project has not been submitted either in part or whole r the award of any other degree or diploma of any university.


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EXTERNAL EXAMINER

A
STUDY ON
CAPITAL STRUCTURE ANALYSIS

AT
RAMCO CEMENT, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of
MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY
GAINI RAJENDHAR
(H.NO: 189R1E0012)

Under the Guidance of
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This is certify that project report entitled “**CAPITAL STRUCTUR ANALYSIS**” done at “**RAMCO CEMENT**” submitted by **GAINI RAJENDHAI** bearing the Roll No: **189R1E0012**, for the award of “**MASTER OF BUSINES ADMINISTRATION**” of Jawaharlal Nehru Technological University, Hyderabad is record of independent project work under taken by him, under my supervision an guidance & the project has not been submitted either in part or whole for the award (any other degree or diploma of any university.

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EXTERNAL EXAMINER

A
STUDY ON
BRAND AWARENESS
AT
AIRTEL, HYDERABAD

Project submitted in partial fulfillment of requirement for the award of the degree

Of

MASTER OF BUSINESS ADMINISTRATION (MBA)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

BY

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(H.NO: 18T81E0024)

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This is certify that project report entitled “**BRAND AWARENESS**” done at “**AIRTEL, HYDERABAD**” submitted by **NAVEEN DAMMALAPATI**, bearing the Roll No: **18T81E0040**, for the award of “**MASTER OF BUSINESS ADMINISTRATION**” of Jawaharlal Nehru Technological University, Hyderabad is a record of independent project work under taken by his, under my supervision and guidance & the project has not been submitted either in part or whole for the award of any other degree or diploma of any university.

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