

2017 – 18



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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Best Practices – Teaching & Learning

Dadi Institute of Engineering and Technology with the effective functioning of all the faculty members have always tried to impart innovative teaching methodologies to ensure that students are always given an opportunity to learn the technical, cognitive and employability skills at every stage of their Engineering course through Innovative Classroom Teaching [ICT] techniques.

Here, students are made in to groups and the batch wise presentations are conducted on a regular basis to all the students of Final year and Third year apart from the commonly implemented methods like Experienced Learning sessions conducted in Laboratories, Participative Teaching done through students, flip classroom concept where faculty will listen to students and then emphasize on the concept much deeper, Article reading by students on the concepts dealt in classroom previously, conducting seminars, Newspaper readings, repeating difficult topics by topper students, field visits, Industrial visits, pictorial demonstration and many more activities.

It was a clear observation that more the number of sessions conducted with the above-mentioned concepts, better were the results obtained every semester.

Some of the glimpses of these strategies employed by the institute are shared in this document:

Participatory & Experiential learning in Teaching and Evaluation methods

In this academic year, The Department show case continuous efforts to explore the hidden skills under experiential & Participatory Learning in conduction of guest lecture on recent trends by prof Sastry vedula and other faculty who contributed the best towards society in this digital era.

On Dec 14-16,2017 workshop conducted on PLC basics that which explores the extension studies in subjects DCS & control Systems. Apart From Regular academics these guest lectures and workshops made the students nearer to real technical world.



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Prof. Vedula Sastry delivering his lecture

In this academic year ECE department focused on overall development of students by ensuring the participation of students in Industrial Visits Technical events, Motivational session etc.

AWARENESS SESSION

An interactive session with Dr. N. Jaya Prakash Narayana, Founder - Lok Satta, Founder & General Secretary - Foundation for Democratic Reforms, is organized on 18th Sep 2017, Monday, at Open Air Dias, DIET Grounds, during 3:30 PM to 5:30 PM, with all B.Tech. Dr. N. Jaya Prakash Narayana, inaugurated the Session with a meeting with all Students and Staff Members by discussing regarding the Roles of the Government and Provisions to be provided to the People by the Government. He informed to all Youth to join in Youth for Better India and all Citizens to join in Citizens for Better India Forums to build a Nation for the People. He also discussed about the Democratic Reforms to be made by the Government.



Interactive session with Jaya Prakash Nararyana garu



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Students interacting with Dr. N. Jaya Prakash Narayana

INDUSTRIAL VISIT TO HINDUSTAN PETROLEUM CORPORATION LIMITED

The students of IV ECE (44 students) with two faculty members Mr. K.Joginaidu & Mr. P. Ram Prasad went on an industrial visit to the HPCL on 06-09-2017 located at PORT Area, Visakhapatnam. Mr.K.Venkatesh (Maintenance officer) RajathBharthwal(Senior safety officer). Mr.Jagadeesh (Maintenance Officer) Mr. Manikanta (Fire Safety Officer) gave a brief introduction about the terminal operation and policies with a presentation.



Industrial Visit to HPCL





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HPCL is a petrochemical industry i.e., broadly speaking chemical engineering industry. It has about 25% market-share in India among public-sector companies (PSUs and a strong marketing infrastructure. the Government of India owns 51.11% shares in HPCL and others are distributed amongst financial institutes, public and other investors. The company is ranked 367th on the Fortune global 500 list of the world's biggest corporations as of 2016. On 19th of July 2017, the Government of India announced the acquisition of Hindustan Petroleum Corporation by Oil and Natural Gas Corporation.

ROBERT NORTON NOYCE BIRTHDAY CELEBRATIONS

The Department of Electronics & Communication Engineering celebrated the Departmental Day on 12th December 2017 to showcase the various talents of the students which includes technical activities. The various events conducted during the full span of hectic schedule include: Tech cross puzzle, technical word building, Technical quiz and gaming on circuit design.



The event was witnessed by distinguished dignitaries: Shree DADI RATNAKAR Garu. Correspondent, Chief Guest: Mr. A. Srinivasa Rao, General Manager BSNL, Dr. K. Amarendra, Vice principal, Mr. B.N. Srinivasa Rao, HOD ECE, all Faculties and Students of ECE Dept. Chief Guest of the program was Mr. A. Srinivasa Rao, General Manager, BSNL, vizag, who encouraged the students with the motivated lecture on **EVOLUTION OF TELECOMMUNICATION**. He demonstrated the global snapshot of digitalization. He discussed the importance of 5G and flow of technology from 1G to 5G. He spoke about 5G main components, wireless access transport system, cloud network applications & management and the technology beyond 2020. His main emphasis was on cases using 5G.



He discussed the challenges of 4G in the light of impending and crucial future communication needs and reviewed the lessons learnt from the perspective of implementation and systems operation. He mentioned the expansion of the current Reliance Jio network as Internet has reached to each & every citizen of India. The Jio revolution has changed the access of internet everywhere from each corner of the country. He mentioned the internet user is number 1 in India globally nowadays due to Jio. Internet is the need of the hour for everyone, may be mobile, smartphone, AI, big data. At the end of his talk, he answered and inspired some of the questions raised by the audience. At the end of the session cash prizes had been distributed to the students who got 1st and 2nd place in the various activities. Students later thanked Mr. A. Srinivasa Rao for sharing his knowledge and the faculty members for conducting this session for them.

In this academic year, most of the subjects dealt with experiential learning methods such as assignments, problem solving and PPT s apart from chalk & Talk. The department has been continuing with B-Club activities to improve the students participation actively. The department has taken initiative to enrich the teaching and learning in effective way.



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Awareness sessions conducted for the faculty to upgrade their skill set in teaching methodology. Students in this institute interacts with eminent guests from the industry on a regular basis. At the university level, these guests having huge experience and unparalleled expertise come from varied industries and different countries.

Guest Lecture:

A Guest lecture on “Leadership Styles” (5th September, 2017) Organized by DEPARTMENT OF MANAGEMENT STUDIES

- Resource Persons** : Prof. V. Krishna Mohan, Registrar, AU
Convenor : Dr.P.B.Ram Kumar, HOD MBA, DIET, Anakapalle.
Faculty Coordinators: Mr.A. Kiran Kumar, Assistant Professor, MBA Department.
Student organizers : Ms. BSV Phani Krishna - 16U41E0005.
: Ms. Jyothi Kiranmay- 16U41E0010.
Mr. YSVS Chaitanya - 16U41E0025.
Ms. V. Sravani - 16U41E0029.
- Venue** : E-Class Room -1

The Department of MBA conducted a Guest Lecture on the Leadership Styles. The chief guest of the event, Prof. V. Krishna Mohan, Registrar, Andhra University emphasized on the topics New Business Eco systems Workforce Empowerment and Behavior of Industrialists. The students not only participated enthusiastically but also clarified the doubts on challenges of new leadership styles.





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Industry Visits:

B.H.E.L. HPVP Unit - Manufacturer of gas fired heaters, steam condensers & heat exchanger in Visakhapatnam, Andhra Pradesh.

"On Receiving the letter of permission from B.H.E.L. HPVP Unit. The students of II MBA (35) with one faculty member Mr .A.kirankumar went on an industrial visit to the BHEL on 07-07-2017 located at, Akkireddipalemopp, Visakha diary, Visakhapatnam. We reached the terminal by 10.30 am Mr.Venakatachellamayya(Fitter)received us and gave a brief introduction about the BHEL operations and policies with a presentation.



HPVP with ISO 9001 accreditation is the leading EPC Company in South East Asian region serving following sectors They explained the facilities provided by BHEL in different areas such as





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Learning Outcomes from the visit:

The visit generally consists of lectures about the company, the site being visited and a range of topics specific to learning outcomes.

1. Recognize the process units where respective process are carried out at departments such as R&D, Production & operation, manufacturing process, Quality..etc
- 2.Information regarding manufacturing of heat exchangers and Their use in various sectors .
3. Identify input and output for the Heat exchangers condensers and Heavy boiling plants..
4. Experience the importance of working safety.
6. Understand the concept of ore parts of Heat exchanging machines.
7. Understand how does the product of BHEL used in Defence, Air crafts.
- 8.Students get more awareness in pragmatic manner.
- 9.For students pursuing professional education (Marketing/Finance/Operations/Supply Chain etc.), industrial visits help them gain hands-on experience of how industry operations are executed.
- 10.Industry visits bridge the gap between theoretical training and practical learning in a real-life environment.
- 11.Industry visits provide opportunity for active/interactive learning experiences in-class as well outside the classroom environment.
- 12.With industry visits, students are able to better identify their prospective areas of work in the overall organizational function.
- 13.Industry visits help enhance interpersonal skills and communication techniques.
- 14.Students become more aware of industry practices and regulations during industry visits.
- 15.Industry visits broaden the outlook of students with exposure to different workforces from different industries.



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Workshop:

A TWO DAY WORKSHOP

ON

Entrepreneurship Development Program

(22&23 December, 2017)

Organized by

DEPARTMENT OF MANAGEMENT STUDIES

In association with

Andhra Pradesh Productivity Council (APPC) and
National Science & Technology Entrepreneurship Development Board (NSTEDB)
Department of Science & Technology, Govt. of India, New Delhi.

Resource Persons : 1. Mr. G. Ramabhadra Rao, Senior Deputy Director -
APPC
2. Mr. Mohan Rao Program Co-ordinator - APPC.

Convenor : Dr. Rama Kumar P.B, HOD MBA, DIET, Anakapalle.
Faculty Coordinators: 1. A. Kiran Kumar, Assistant Professor, MBA Department.

Student organizers Ms. BVS Phani Krishna- 16U41E0005.

:

Mr. Y. Sai Chaitanya - 16U41E0025.

Ms. Sirisha - 16U41E0032.

Ms.R. Sai Laxmi - 16U41E0036.

Mr. Jagadesh -16U41E0028.

Ms.Jyothsna -16U41E0012.

Venue : Laboratory 1 and Seminar Hall - 2 , DIET .

Entrepreneurship Development is gradually becoming very significant in various areas of economic development. Innovative start-ups and new enterprises act as a catalyst for the economy. Novel opportunities and market gaps are identified and resources are allocated to them to produce something new and useful. The need of the hour is to develop effective policies to cater to the new challenges such that the

modern day problems can be solved. The workshop focuses on the basic and advanced approaches of entrepreneurial development and how it can be imbibed to the participants.

Objectives

The course has the objective of introducing the participants with fundamental of entrepreneurship development so that they can understand the requirements and challenges in this area. The applied aspect of this workshop will be the practical sessions where they can apply this knowledge in decision making. Following are the key learning objectives of this workshop:

- To understand the concept of Entrepreneurial Development
- To understand the main components of Entrepreneurship Development;
- To understand the relationship between innovation and entrepreneurial development;
- To understanding the theories of innovation and entrepreneurial development;
- To know the various techniques of innovation and promoting entrepreneurial culture.



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2.3.1 : EXPERIENTIAL AND PARTICIPATORY LEARNING

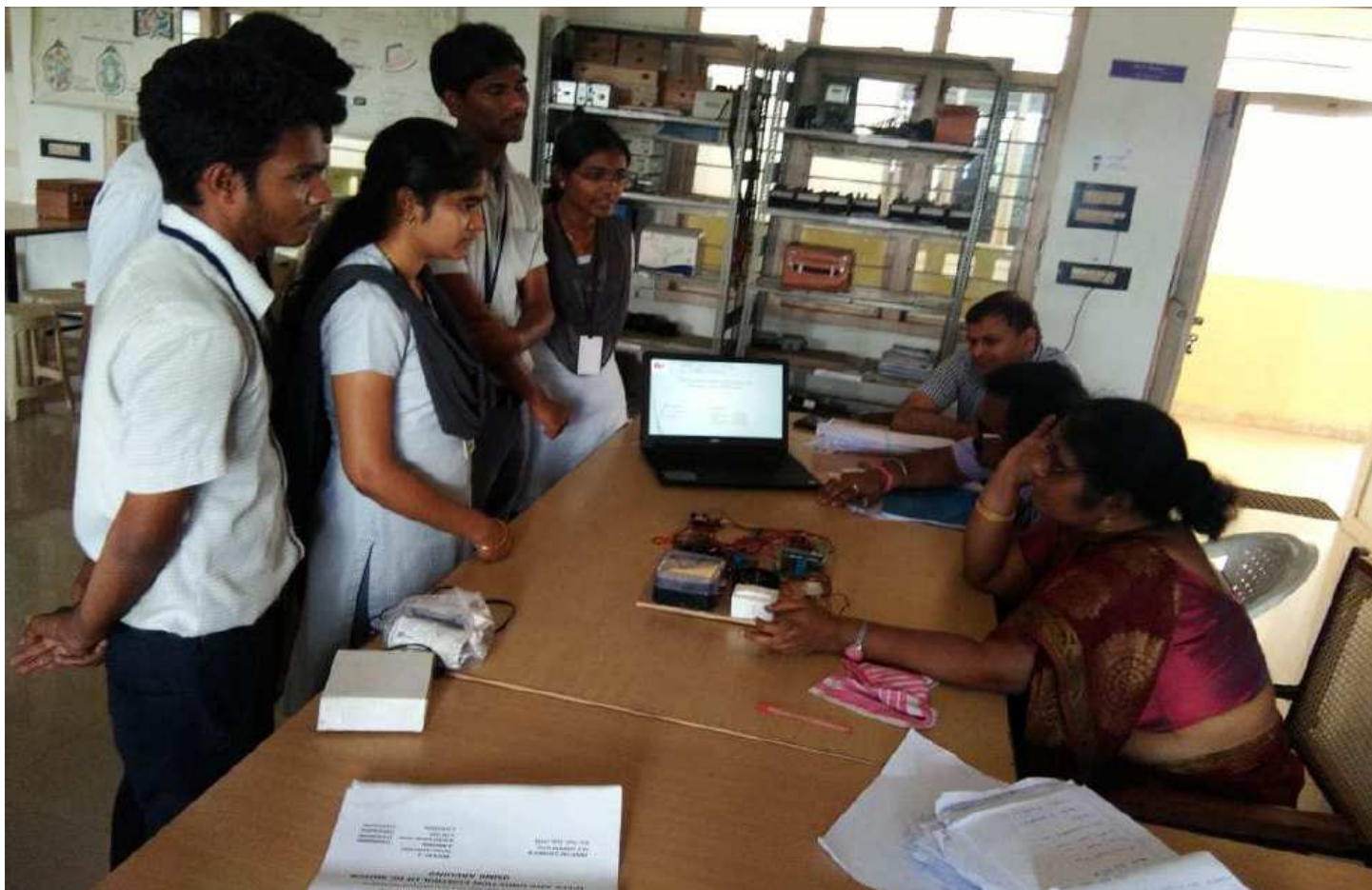
Experiential learning through Student project works

S.No	Regd. No.	Student Name	Project Title	Guide Name
1	15U41A006	B Murali	Self Regulated Irrigation System Using Solar Energy	Ms. D.Poojitha Asst.Prof EEE
	15U45A0231	Shaikh Ansar		
	14HN1A0213	P.Rajee		
	15U45A0212	D Manikanta		
	15U45A0251	A Hari Babu		
2	14U41A0209	M Indravathi	War Field Spying Robot With Night Vision Wireless Camera By Android Applications	Sri. J. Deleep Kumar Asst.Prof EEE
	14U41A0217	S Sai Raghu		
	15U45A0209	C vamsi krishna		
	14U41A0203	E Ravi Teja		
	14U41A0207	M. Vinod		
3	15U45A0244	M Veena	Speed Control And Direction Reversal Of Dc Motor Using Microcontroller	Ms. P.Jagruthi Asst.Prof EEE
	15U45A0205	A Naganna		
	15U45A0226	N surya Kumar Yadav		
	14U41A0201	A Sri hari		
	15U45A0204	A Narendra		
4	15U45A0232	S Anusha	Performance Optimization Of A Photovoltaic Induction Motor Pumping System	Sri. G. Jagadeesh Asst.Prof EEE
	14U41A0212	S Dhati Divya Sri		
	15U45A0238	V Krishna		
	14U41A0218	U Lakshman		
	15U45A0246	R Surya Narayana		
5	15U45A0237	V Naga Bhaskar	Minimising Penalty In Industrial	Sri Ch.Ravi Kumar
	15U45A0241	I Nageswar Rao		

	14U41A0211	P Likhitha	Power Consumption By Engaging Apfc Unit	Asst.Prof EEE
	14U41A0206	K V S B Akhil		
	15U45A0240	D J Brahmaya		
6	15U45A0218	K S Raj Kumar	Arduino Based Underground Cable Fault Detection	Sri. K.Vijay Kumar Assoc. Prof EEE
	15U45A0250	S Satya Sai		
	15U45A0225	M Venkatesh		
	15U45A0236	V S S V Ramadevi		
	15U45A0248	M Srinu		
7	15U45A0217	K Aneesha	Implementation Of Vsi Fed Ac Motor Drive By Using Matlab Simulink And Arduino	Sri. M.Rajendra Prasad Asst. Prof EEE
	15U45A0221	M kiran Kumar Reddy		
	15U45A0223	M Sowjanya		
	15U45A0227	N Lakshman rao		
	15U45A0219	K Raj Kumar		
8	15U45A0234	U Nanji	Smart Energy Meters Using Gsm & Voice Assistance	Sri. A. Krishna Nag Asst. Prof EEE
	15U45A0229	P K Vinay Kumar		
	15U45A0228	P Prameela devi		
	15U45A0220	L Jai Ram		
	15U45A0252	M Nanji		
9	15U45A0214	G Ooha	Transformer protection using microcontroller based relay	Smt. A. Lakshmi Durga Asst. Prof EEE
	15U45A0210	C V S Anirudh		
	15U45A0213	E R Krishna		
	15U45A0203	A Jitendra Prasad		
	15U45A0201	A Trinadh		
10	14U41A0204	G Rama Krishna	Optimal Placement And Sizing Of FACTS Devices In Transmission System To Increase The Power Transfer Capability	Prof. R.V.S. Lakshmi Kumar Prof EEE
	14U41A0213	S Nishant		
	15U45A0216	J Ch V Kamaraju		
	15U45A0211	D L V Sai Kiran		
	14U41A0214	S Venkat satish		

11	15U45A0202	A Hanumanth	PWM Based Three Phase Induction Motor Drive Control Using ARDUINO	Sri. D.R.C.H. Nookesh Asst. Prof EEE
	15U45A0215	Harikrishna K		
	15U45A0207	B Bhargav		
	15U45A0243	M Ravi		
	15U45A0242	K Santosh Kumar		
	14U41A0215	S Uday Kumar		
12	15U45A0235	U Madhavi	Optimal Placement Of Dg In Radial Distribution System Using VSI	Sri. M. RajaRao Asst. Prof EEE
	15U45A0230	P Tulasi rao		
	15U45A0222	M M Satyanarayana		
	15U45A0224	M Tarun		
	14U41A0205	G Manoj Kumar		
	15U45A0208	B Jaswanth Kumar		


PRINCIPAL
Dadi Institute of
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ANAKAPALLE 531 002



Project output verification of IV B tech students of EEE dept

PERFORMANCE ANALYSIS OF IMAGE DENOISING USING WAVELET TRANSFORM AND THRESHOLDING TECHNIQUES

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

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

S.BABY	(15U45A0415)
D.BHAVYA	(14U41A0407)
K.LAVANYA	(15U45A0405)
K.RAMALAKSHMI	(15U45A0406)
K.KRANTHI KUMAR	(14U41A0411)

Under the Esteemed Guidance of

B.T.ARCHANA (ASST.PROF)

Department of Electronics and Communication Engineering



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Phone: 08924-221111 / 221122, e-mail: hodece@diet.edu.in

Department of Electronics and Communication Engineering

CERTIFICATE

This is to certify that project entitled 'PERFORMANCE ANALYSIS OF IMAGE DENOISING USING WAVELET TRANSFORM AND THRESHOLDING TECHNOLOGY', being submitted by S.BABY, D.BHAVYA, K.LAVANYA, K.RAMALAKSHMI, K.KRANTHI KUMAR bearing Roll No: 15U45A0415, 14U41A0407, 15U45A0405, 15U45A0406, 14U41A0411 in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in **Electronics and Communication Engineering** to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by him under my guidance and supervision. The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

PROJECT SUPERVISOR
Mrs. B.T. Archana., M.Tech
Assistant Professor
Dept. of ECE.,
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HEAD OF THE DEPARTMENT
Mr. B.N. Srinivasa Rao., M.Tech, (Ph.D)
Sr. Assistant Professor & HOD.
Dept. of ECE.,
DIET, Anakapalle

EXTERNAL EXAMINER

DESIGN OF COMPACT CIRCULARLY POLARIZED CROSS-SHAPED SLOTTED MICROSTRIP ANTENNA

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

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

**14U41A0417 N.MARY GRACE
14U41A0409 J.BHARAT NARAYANA
14U41A0413 M.SAI RAM
15U45A0420 A.CHANDRA RAMU
15U45A0421 B.MANJULA**

Under the Esteemed Guidance of

**Mrs. P.POORNA PRIYA, M.Tech,(Ph.D)
ASSISTANT PROFESSOR,
Department of Electronics and Communication Engineering**



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Department of Electronics and Communication Engineering

CERTIFICATE

This is to certify that project entitled "DESIGN OF COMPACT CIRCULARLY POLARIZED CROSS-SHAPED SLOTTED MICROSTRIP ANTENNA", being submitted by N.MARY GRACE, J.BHARAT NARAYANA, M.SAI RAM, A.CHANDRA RAMU, B.MANJULA bearing Roll No's: 14U41A0417, 14U41A0409, 14U41A0413, 15U45A0420, 15U45A0421 in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in ECE to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them under my guidance and supervision.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

P. Poorna Priya
PROJECT SUPERVISOR
Mrs .P.Poorna Priya, M.Tech,(Ph.D)
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B. Nalini
EXTERNAL EXAMINER

IMPLEMENTATION OF BASIC GATES USING MODIFIED CPTL & APPLICATIONS

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

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

(N.Divya) 14U41A0419

(K.Tirumala) 14U41A0410

(M.Hima Bindu) 14U41A0414

(S.Naveen Varma) 15U45A0412

Under the Esteemed Guidance of

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Sr.Assistant Professor & HOD,

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Department of Electronics and Communication Engineering

CERTIFICATE

This is to certify that project entitled "IMPLEMENTATION OF BASIC GATES USING MODIFIED CPTL & APPLICATIONS", being submitted by N.DIVYA, K.TIRUMALA, M.HIMABINDU, S.NAVEEN VARMA bearing Roll No's: 14U41A0419, 14U41A0410, 14U41A0414, 15U45A0412 in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in ECE to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

PROJECT SUPERVISOR

[Signature]
4/4/18
Mr. B.N. Srinivasa Rao M.Tech,(Ph.D)
Sr.Assistant Professor & HOD,
Dept. of ECE.,
DIET, Anakapalle

[Signature]
4/4/18
Head of the Department
HEAD OF THE DEPARTMENT
Electronics & Communication Engg
Dadi Institute of Engg. & Tech.
Anakapalle - 531 002

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Sr.Assistant Professor & HOD,
Dept. of ECE.,
DIET, Anakapalle

B. Naleny,
EXTERNAL EXAMINER

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

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

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

U S L SUMA	(14U41A0424)
S SRAVANI	(15U45A0414)
K GIRISHA	(14U41A0412)
R SHIVAJI	(15U45A0411)

Under the Esteemed Guidance of

B NEELIMA DEVI, M.Tech,
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CERTIFICATE

This is to certify that project entitled “**DESIGN OF A NEW LOW POWER PULSE-TRIGGERED FLIP-FLOP BASED ON SIGNAL FEED-THROUGH**”, being submitted by **U S L SUMA, S SRAVANI, K GIRISHA, R SHIVAJI** bearing Roll No. 14U41A0424, 15U45A0414, 14U41A0412, 15U45A0411 in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in **Electronics and Communication Engineering** to the Jawaharlal Nehru Technological University Kakinada is a record of bonfire work carried out by him under my guidance and supervision. The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

PROJECT SUPERVISOR

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EXTERNAL EXAMINER

Comparative Analysis of Multi Element Patch Array Antenna

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

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

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

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

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EXTERNAL EXAMINER

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

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

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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CERTIFICATE

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

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PROJECT SUPERVISOR

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HEAD OF THE DEPARTMENT
Head of the Department
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EXTERNAL EXAMINER

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

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

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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P.Kusuma	(14U41A0420)
R.Jyothirmai	(14U41A0421)
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CERTIFICATE

This is to certify that project entitled “**DESIGN OF NEW DUAL EDGE TRIGGERED SENSE-AMPLIFIER FLIP-FLOP WITH LOW AREA AND POWER EFFICIENT**”, being submitted by **R.Jyothirmai, P.Divya, P.Kusuma, N.N.S.Ganesh, Ch.Chiranjeevi** bearing Roll No : **14U41A0421, 15U45A0409, 14U41A0420, 14U41A0418, 15U45A0404** in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in **ECE** to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them under my guidance and supervision.

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EXTERNAL EXAMINER

REDUCTION OF PAPR IN THE MIMO-OFDMA TRANSMISSION SYSTEMS

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

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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U GANGARAJU	(15U45A0417)
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EXTERNAL EXAMINER

SMART BUS TRANSPORTATION SYSTEM

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

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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14U41A0406 (D.PAVAN KUMAR)
14U41A0408 (I.RAMYA)
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This is to certify that the project work entitled “SMART BUS TRANSPORTATION SYSTEM” being submitted by B LAVANYA (14U41A0402), D PAVAN KUMAR (14U41A0406), A KANNA BABU (15U45A0423), I RAMYA (14U41A0408), CH NARESH (15U45A0403) in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electronics and Communication Engineering, to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by him under my guidance and supervision.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

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EXTERNAL EXAMINER

**Microcontroller based load shedding using GSM
(Global System for mobile Communication)**

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

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

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S. ANUSHA (15U45A0232)

S. D. DIVYA SREE (14U41A0212)

V. KRISHNA (15U45A0238)

R. SURYA NARAYANA (15U45A0246)

U. LAKSHMAN (14U41A0218)

**Under the Esteemed Guidance of
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*Assistant Professor
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Department of Electrical & Electronics Engineering

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ANAKAPALLI , VISAKHAPATNAM – 531002 , A.P.

2015-2018

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DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING
CERTIFICATE

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

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S. D. DIVYA SREE	(14U41A0212)
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M.Tech, (PhD), LMISTE

**CHILD OR WOMEN TRACKING & SECURITY SYSTEM BY
USING GSM**

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

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

Submitted By

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

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Signature of the supervisor

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Signature of the HOD

Head of the Department

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

Professor Department of E.E.E

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

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

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

Submitted by

U.MADHAVI	(15U45A0235)	P.THULASI RAO	(15U45A0230)
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Andhra Pradesh, INDIA
2014-2018

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



CERTIFICATE


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

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M. MOHAN SATYANARAYANA	(15045A0222)
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Project Guide

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Assistant Professor, EEE


Head of the Department 3/4/18

Prof. R.V.S LAKSHMI KUMARI, M.Tech., Ph.D.
Professor, EEE

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

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

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

A.HANUMANTHU (15U45A0202)

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2015-2018

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**DEPARTMENT
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CERTIFICATE**

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

A.HANUMANTHU (15U45A0202)

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M.Tech, [PhD], AMSTE

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

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

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

Submitted by

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(14U41A0204)

S.NISHANT (14U41A0213)

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S.V.SATEESH (14U41A0214)

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CERTIFICATE

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

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S.V.SATEESH	(14U41A0214)
M.VEENA	(15U45A0244)
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in partial fulfilment of the curriculum of 4th Year 2nd Semester
ELECTRICAL AND ELECTRONICS ENGINEERING during the academic year
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R.V.S. Lakshmi Kumari
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M.Tech (Ph.D)

**PROTECTION OF TRANSFORMER FROM
OVERLOADING USING MICROCONTROLLER
BASED RELAY**

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

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

Submitted by

G.OOHA (15U45A0214)

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

Under the Esteemed Guidance of

Mrs A.LAKSHMI DURGA, M Tech

Assistant Professor, Dept. of EEE



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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2014-2018

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2014-2018

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled **"PROTECTION OF TRANSFORMER FROM OVERLOADING USING MICROCONTROLLER BASED RELAY"** is the bonafide work by

G.OOHA	(15U45A0214)
C.V.S.ANIRUDU	(15U45A0210)
E.RUPENDRA KRISHNA	(15U45A0213)
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In partial fulfilment of the curriculum of 4th year 2nd semester **ELECTRICAL AND ELECTRONICS ENGINEERING** during the academic year 2017-2018.


INTERNAL GUIDE

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3/4/18

HEAD OF THE DEPARTMENT EEE
PROF. R.V.S LAKSHMI KUMARI
M.Tech (Ph.d)

WAR FIELD SPYING ROBOT USING ANDROID

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

BACHELOR OF TECHNOLOGY IN ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

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M.VINOD KUMAR (14U41A0207)

Under the Esteemed Guidance of

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Department of Electrical & Electronics Engineering

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Head of the Department
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**BLUETOOTH BASED SPEED AND DIRECTION CONTROL
OF DC MOTOR USING ARDUINO**

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

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

Submitted by

**A.NAGANNA
(15U45A0205)**

**N.SYAMKUMAR YADAV
(15U45A0226)**

**A.NARENDRA
(15U45A0204)**

**A.SRI HARI
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**DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING**

CERTIFICATE

This is to certify that the Project Work entitled **BLUETOOTH BASED SPEED AND DIRECTION CONTROL OF DC MOTOR USING ARDUINO** is a benefited record submitted by the students of 4thB.Tech.


A.NAGANNA	(15U45A0205)
A.NARENDRA	(15U45A0204)
N.SYAMKUMAR YADAV	(15U45A0226)
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INTERNAL GUIDE

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Assistant professor,EEE


HEAD OF THE DEPARTMENT

Prof. Mrs. R. V. S. Lakshmi Kumari

M.Tech.(Ph.D)

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

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

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

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**I.NAGESWARA RAO
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**DEPARTMENT OF
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CERTIFICATE**

This is certify that the project work entitled "DESIGN OF REAL TIME POWER FACTOR CORRECTION WITH LOAD BALANCING TECHNIQUE USING CURRENT SENSOR" is the bonafide record submitted by

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

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

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

This is certify that the dissertation work entitled " SMART ENERGY METER WITH VOICE ASSISTANT AND SMS ALERT BY USING GSM MODULE" is the bonified record submitted by the students of 4th B. Tech

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Head of the Department
Prof. R.V.S Lakshmi Kumari
M.Tech, (PhD), LMI

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

A

Main Project

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

OF

BACHELOR OF TECHNOLOGY

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**DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING**

CERTIFICATE

This is to certify that main project work entitled "POWER FACTOR CORRECTION OF BLDC MOTOR DRIVE USING BRIDGELESS Luo-CONVERTER AND CUK CONVERTER" is the bonafide work done in partial fulfilment of the requirements for the award of the degree in **BACHELOR OF TECHNOLOGY** from JNTU Kakinada during the academic year of 2017- 2018.

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CSE DEPARTMENT PROJECT DETAILS 2017-18

DATA ANALYSIS USING HADOOP AND HIVE

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

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

Submitted by

K SINDHUJA A PRASANNA LAKSHMI B SASIDHAR
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**DEPARTMENT OF COMPUTER SCIENCE AND
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This is to certify that the Project work entitled "DATAANALYSIS USING HADOOP AND HIVE" is a bonafide record done by KODUKULA SINDHUJA(14U41A0523), ANAPARTHI PRASANNA LAKSHMI (14U41A0504), BUDDHA SASIDHAR(14U41A0552), YOCHANA MUVVALA (14U41A0549), JAMU ASHA(14U41A0518), S VANAJA PRAPULLA (14U41A0542) in partial fulfillment of the curriculum of B.Tech IV Year II Semester in Computer Science & Engineering during the academic year 2017-18.


INTERNAL GUIDE


HEAD OF THE DEPARTMENT
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EXTERNAL EXAMINER

ONLINE COMPLAINT REGISTRATION SYSTEM

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

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

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This is to certify that the Project work entitled "ONLINE COMPLAINT REGISTRATION SYSTEM" is a bonafide record done by VAMSI BANKA (14U41A0505), RAMYAKOPPAKA(14U41A0524), LOKESHMALLA(14U41A0529), MOUNISHAGADIRAJU(14U41A0514),SRAVYA TALARI(14U41A0543) in partial fulfillment of the curriculum of B.Tech IV Year II Semester in Computer Science & Engineering during the academic year 2017-18.


INTERNAL GUIDE


HEAD OF THE DEPARTMENT

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Anakapalle - 531 002


EXTERNAL EXAMINER

**EFFICIENT MINING OF FREQUENT ITEMSETS IN SOCIAL
NETWORK DATA BASED ON MAPREDUCE**

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

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

Submitted by

G Sai Sravya	(14U41A0516)
K Lavanya	(14U41A0519)
K SailajaRani	(14U41A0522)
P MohaSwetha	(14U41A0533)
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

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

PROJECT GUIDE

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Anakapalle - 531 001

EXTERNAL EXAMINER

**OVERFLOW: BIGDATA MANAGEMENT FORSCIENTIFIC
WORKFLOWS ON CLOUD**

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

**BACHELOR OF TECHNOLOGY
IN
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Submitted by

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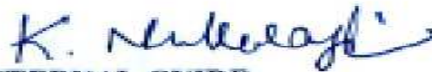
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EXTERNAL EXAMINER

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This is to certify that the Project work entitled "Iot BASED HOME AUTOMATION" is a bonafide work done by **M.Harika(15U45A0506),Md.Ali (14U41A0531),B.Vineetha(14U41A0509),S.K.A.Sravya(14U41A0539), K.Sai Kumar(15U45A0509),D.M.L.Gowri(14U41A0512)** in partial fulfillment of the curriculum of **Bachelor of Technology in Computer Science & Engineering** during the academic year 2017-18.

PROJECT GUIDE

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EXTERNAL EXAMINER

DATA ANALYSIS USING HADOOP AND HIVE

*A Project Report submitted in partial fulfillment of the requirements
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BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

Submitted by

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**DEPARTMENT OF COMPUTER SCIENCE AND
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This is to certify that the Project work entitled "DATAANALYSIS USING HADOOP AND HIVE" is a bonafide record done by **KODUKULA SINDHUJA(14U41A0523), ANAPARTHI PRASANNA LAKSHMI (14U41A0504), BUDDHA SASIDHAR(14U41A0552), YOCHANA MUVVALA (14U41A0549), JAMU ASHA(14U41A0518), S VANAJA PRAPULLA (14U41A0542)** in partial fulfillment of the curriculum of B.Tech IV Year II Semester in Computer Science & Engineering during the academic year 2017-18.


INTERNAL GUIDE


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EXTERNAL EXAMINER

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**NH-5, ANAKAPALLE-531 002, Visakhapatnam, A.P.
(2014-2018)**

**EFFICIENT MINING OF FREQUENT ITEMSETS IN SOCIAL
NETWORK DATA BASED ON MAPREDUCE**

17

*A Project Report submitted in partial fulfillment of the requirements
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**BACHELOR OF TECHNOLOGY
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Submitted by

G Sai Sravya	(14U41A0516)
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K Sailaja Rani	(14U41A0522)
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Under the Esteemed Guidance of

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Associate Professor & HOD,
Department of CSE



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

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

PROJECT GUIDE

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EXTERNAL EXAMINER

OVERFLOW: BIGDATA MANAGEMENT FORSCIENTIFIC WORKFLOWS ON CLOUD

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

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

Submitted by

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EXTERNAL EXAMINER

INTERNET OF THINGS BASED HOME AUTOMATION

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

DATA ANALYSIS USING HADOOP AND HIVE

*A Project Report submitted in partial fulfillment of the requirements
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BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

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EXTERNAL EXAMINER

ONLINE COMPLAINT REGISTRATION SYSTEM

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

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

INTERNET OF THINGS BASED HOME AUTOMATION

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EXTERNAL EXAMINER

EDGE DETECTION BY USING MULTIPLE FILTERS

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

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EXTERNAL EXAMINER

**IMPLEMENTATION ON PARALLEL ALGORITHM FOR SOLVING LARGE
SYSTEM OF SIMULTANEOUS LINEAR EQUATIONS**

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

**BACHELOR OF TECHNOLOGY
IN
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This is to certify that the Project Work entitled "ENHANCEMENT ON PARALLEL ALGORITHM FOR SOLVING LARGE SYSTEM OF SIMULTANEOUS LINEAR EQUATIONS" is a bonafide work done by V.SAILAJA, K.KEERTHANA, S.MOHITHA, Y.N.L.NIKHITHA, P.MANI GIRISH in partial fulfillment of the curriculum of **Bachelor of Technology in Computer Science & Engineering** during the academic year 2017 - 2018.


PROJECT GUIDE


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EXTERNAL EXAMINER

**COMPUTERIZED EMPLOYEE RECRUITMENT,
PERFORMANCE EVALUATION AND TURNOVER PREDICTION
USING DATA MINING TECHNIQUES**

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

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INTERNAL GUIDE


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CONTENT BASED IMAGE MINING

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

CLOUD DATA SECURITY USING THIRD PARTY AUDITING AND ENCRYPTION

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

CIVIL DEPARTMENT PROJECT DETAILS 2017-18

A Project Report

On

TABILIZATION OF BLACK COTTON SOILS BY USING INDUSTRIAL WASTES
Submitted to JNTU-KAKINADA for fulfilment of award of

DEGREE OF BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

BY

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B.L.Prasad (13U41A0104)

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DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

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

SP
3/11/2018

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

Project Guide.

K.H.K.

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

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

mb

External Examiner

A project Report on

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

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

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

B. KOMALA (15U45A0122)

A.VINEETHA (14U41A0101)

S.MANOJ (15U45A0116)

K. SIVA RAM (14U41A0106)

M.MOHAN (15U45A0113)

Under the Esteemed Guidance of

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

Assistant professor



DEPARTMENT OF CIVIL ENGINEERING

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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

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



CERTIFICATE

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

PROJECT GUIDE

MS.J.B.S.BHARATHI

HEAD OF THE DEPARTMENT

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

EXTERNAL EXAMINER

A Project Report
on
PERFORMANCE EVALUATION FOR STRENGTH OF M40 DESIGN MIX
CONCRETE WITH PARTIAL REPLACEMENT OF CONVENTIONAL
INGREDIENTS IN CEMENT AND FINE AGGREGATE
SUBMITTED TO "JNTU KAKINADA" FOR FULFILMENT OF AWARD OF
DEGREE OF
BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

BY

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

UNDER THE ESTEEMED GUIDANCE OF
Miss.V.ALIVELU MANGAMMA M-tech
Assistant Professor



DEPARTMENT OF CIVIL ENGINEERING
DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, NAAC and affiliated to JNTUK, Kakinada, A.P)
An ISO 9001:2008 Certified Institution
2014-2018

**DADI INSTITUTE OF ENGINEERING AND
TECHNOLOGY**



DEPARTMENT OF CIVIL ENGINEERING
CERTIFICATE

This is to certify that the project entitled " **PERFORMANCE EVALUATION FOR M40 DESIGN MIX CONCRETE WITH PARTIAL REPLACEMENT OF CONVENTIONAL IN GRADIENTS IN CEMENT AND FINE AGGREGATE** " is submitted by S.SATEESH(15U45A0117), L.SANTHOSHIKUMARI(15U45A0126), B.SRIHARI(14U41A0102), N.R.AVINASH(14U41A0108), LANUSHA(15U45A0127) and CH.SUNIL KUMAR(13U41A0106) and is a bonafide work done by them in partial fulfillment of the requirement for the award of degree of Bachelor Of Technology in Civil Engineering of Jawaharlal Nehru Technological University, Kakinada during the academic year 2014-2018.

PROJECT GUIDE

Miss.V.ALIVELU MANGAMMA M-tech
Assistant Professor
Department Of Civil Engineering

HEAD OF THE DEPARTMENT

Dr. K.HARI KRISHNA Ph.D
Head Of The Civil Department
Department Of Civil Engineering
Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech
Anakapalle - 531 997.

EXTERNAL EXAMINER

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

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

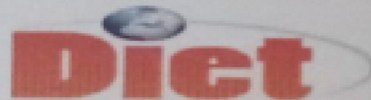
Submitted by

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

14

Under the Esteemed Guidance of

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



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E-Mail: info@diet.edu.in, Website - www.diet.edu.in

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the Project Work entitled "PERFORMANCE OF FLEXIBLE PAVEMENTS WITH THE USAGE OF COIR FIBERS AND GLASS FIBERS" is a bonafide work done by TSRIKANTH (14U41A0111), K.SURESH (15U45A0107), L.MURALI KRISHNA (15U45A0132), R.SANTHOSH (15U45A0121), JANIL (15U45A0134) in partial fulfillment of the curriculum of Bachelor of technology in Civil Engineering during the academic year 2014 - 2018.

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

Prof. Dr. K. Hari Krishna
Ph.D
HEAD OF THE CIVIL DEPARTMENT
Head of
Civil Engineering
Dadi Institute of Engg. & Tech
Anakapalle - 531 002

EXTERNAL EXAMINER

A PROJECT REPORT
ON

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

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

BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING

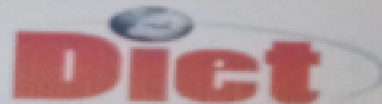
Submitted by

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

Under the Guidance of

Sri G. NARA HARI M.Tech

Assistant Professor.



DEPARTMENT OF CIVIL ENGINEERING

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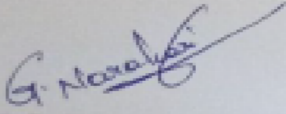
E-Mail: info@diat.edu.in, Website - www.diat.edu.in

DEPARTMENT OF CIVIL ENGINEERING

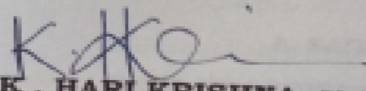


CERTIFICATE

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


Mr. G. NARAHARI, M.Tech.
Assistant Professor,
Civil engineering.

PROJECT GUIDE


Dr. K. HARI KRISHNA, Ph.D.
Head of the department,
Civil engineering.
Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech
Anakapalli - 531 001.

EXPERIMENTAL INVESTIGATION ON EFFECT OF
COARSE AGGREGATE CONCRETE
AT VARIOUS ATMOSPHERIC CONDITIONS

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

**BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING**

Submitted by

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

Under the Esteemed Guidance of

Sri M. RVSG GUPTHA
Assistant Professor,
Department of CIVIL



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(2014 - 2018)

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

E-Mail: info@diet.edu.in, Website - www.diet.edu.in

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

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

M. Guptha
PROJECT GUIDE
Mr. M. RVSG GUPTHA M,Tech
Asst. Professor
Department of CIVIL

K. Hari Krishna
HEAD OF THE DEPARTMENT
Dr. K. HARI KRISHNA PHD
Professor
Head of the CIVIL Department
Dadi Institute of Engg & Tech
Anakapalle - 531 001

[Signature]
EXTERNAL EXAMINER

A PROJECT REPORT
ON
TO STUDY THE EFFECT OF BAGASSE ASH ON STRENGTH
CHARACTERISTICS OF BLACK COTTON SOIL
SUBMITTED TO JNTU-KAKINADA FOR FULFILMENT OF AWARD OF
DEGREE OF
BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING
BY
P.NEELIMA (14U41A0110)

B.VIJAYA LAKSHMI (15U45A0101)

T.Y.KISHORE (15U45A0133)

P.CHIRANJEEVI (15U45A0104)

P.NAGU (15U45A0119)

UNDER THE ESTEEMED GUIDANCE OF
Sri. B.SESHAGIRI RAO
Assistant Professor



DEPARTMENT OF CIVIL ENGINEERING
DADI INSTITUTE OF CIVIL ENGINEERING & TECHNOLOGY
(Affiliated to JNTU, Kakinada, Approved by AICTE, NEW DELHI)
NAAC ACCREDITED INSTITUTION
NH-5, ANAKAPALLE-531002
2014 -2018



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

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

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

K. Hari Krishna
Head of the Department
Dr.K.Hari Krishna Ph.D,
Professor & Head,
Dept. of Civil Engineering,
DIET.
Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech
Anakapalli - 531 001.

M. S. S.
External Examiner

A Project Report
On

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

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

**BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING**

25

Submitted by

CH.JAGADEESWARA RAO	(15U45A0102)
K.KURMA RAO	(15U45A0108)
G.NAGA NOOKESH	(15U45A0135)
P.V.SANTOSH KUMAR	(15U45A0123)
D.SIVA SAI	(13U41A0109)

Under the guidance of
Miss, P.UMA M.Tech
Assistant professor
Department of civil engineering



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(2014-2018)



DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Anakapalle, Vishakhapatnam

Certificate

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

P. Uma

PROJECT GUIDE

Miss, P.UMA M.TECH
Assistant Professor
Department Of Civil Engineering

K. Hari Krishna

HEAD OF THE DEPARTMENT

Dr. K.HARI KRISHNA Ph.D
Head Of The Department
Department Of Civil Engineering
Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech.
Anakapalle - 531 001.

msr

EXTERNAL EXAMINER

**COST EFFECTIVE ALTERNATIVE CURING METHOD - A BOON TO
NATURAL RESOURCES**

**SUBMITTED TO "JNTU - KAKINADA" FOR FUL FILMENT OF AWARD OF
DEGREE OF
BACHELOR OF TECHNOLOGY**

**IN
CIVIL ENGINEERING**

Submitted by

K.GOVINDA RAO	(15U45A0113)
V.SUNANDHA MYTHREYI	(14U41A0112)
N.TATAJI	(15U45A0128)
M.HARITHA	(15U45A0131)
CH.SRINU	(15U45A0103)

Under the Esteemed Guidance of

Dr. K. HARI KRISHNA,

Professor & HOD, Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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

NAAC Accredited Institution

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

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E-Mail: info@diet.edu.in, Website -www.diet.edu.in

2014-2018



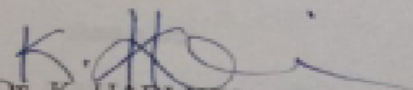
DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

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

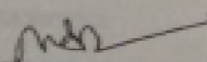

Dr. K. HARI KRISHNA

PROJECT GUIDE


Dr. K. HARI KRISHNA

HEAD OF THE DEPARTMENT

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


EXTERNAL EXAMINER

A Project report on
**CONSTRUCTION TECHNIQUES FOR RETROFITTING BY
JACKETING OF RCC MEMBER**

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

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

K.SHANMUKA RAO (15U45A0109)

KIRAN BEJERA (14U41A0105)

P.SATYANRAYANA (15U45A0136)

G.RAGHU RAM (15U45A0124)

P.K.TRIPURA SUNDARI (15U45A0137)

Under the Esteemed Guidance of

Mr. K. SANTHOSH

M.Tech (STRUCTURES)

Assistant Professor



DEPARTMENT OF CIVIL ENGINEERING

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

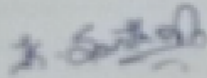
NACC ACCREDITED INSTITUTION

[Approved by AICTE and affiliated to JNTUK, Kakinada, A.P]

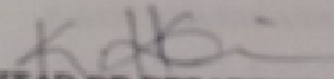
As ISO 9001:2008, ISO14001:2004 & OHSAS18001:2007 Certified Institution
2014-2018

CERTIFICATE

This is to certify that the project entitled " **CONSTRUCTION TECHNIQUES FOR RETROFITTING BY JACKETING OF RCC MEMBER**" is submitted by K.SANMUKA RAO (15U45AD109), P.SATYANARAYA(15U45AD137),P.KANAKA TRIPURA SUNDARI (15U45AD137), KIRAN BEHERA (14U41AD105) And G.RAGHU/RAM(15U45AD124) and is a bonafide work done by them in partial fulfillment of the requirement for the award of degree of Bachelor Of Technology in Civil Engineering of Jawaharlal Nehru Technological University, Kakinada during the academic year 2014-2018.


PROJECT GUIDE

Mr. K.SANTHOSH
Asst. Professor
Department of CIVIL


HEAD OF DEPARTMENT

Dr. K.HARIKRISHNA, Ph.D
Professor
Head of the CIVIL Department
Head of the Department
Civil Engineering
Dad Institute of Engrg. & Tech
Anaparthi - 521 001.


EXTERNAL EXAMINER

Experiential learning: Visit to Electrical Substation

III year EEE students visited Electrical Substation , Old Dairy farm on 6th September,2017.The gained knowledge on Electrical operations by presentation by a senior Engineer. APEPDCL officials have briefed the students about the various stages of power generation.



Mr. Vijay kumar along with students at substation

III EEE students list who attended the electrical substation

S.NO	HT NO	NAME
1	15U41A0201	ADARI DURGAMAHESH
2	15U41A0202	ADARI LOKESH
3	15U41A0203	ALLA MURALI SATEESH
4	15U41A0204	AMALAKANTI VENKATA SAI RAM
5	15U41A0205	AMUJURI NANI
6	15U41A0206	BODABATHULA VINAY

7	15U41A0207	D SAI KUMAR
8	15U41A0208	DADI MAHENDRA SANTHOSH NAIDU
9	15U41A0209	DASARI JEEVAN MADHU SAI REDDY
10	15U41A0210	EERIGILA LIKHITA
11	15U41A0211	GORIVILLI DIVYA
12	15U41A0212	GULLA SEKHAR
13	15U41A0213	GURRALA SRINU
14	15U41A0215	KOLLUMALLA DURGABABU
15	15U41A0216	KONATHALA VAMSI GANESH
16	15U41A0217	KUNDAN KUMAR SINGH
17	15U41A0218	MARAPUREDDI PRASAD
18	15U41A0219	MHATRE PANKAJ KRUSHNA
19	15U41A0220	NALLA MADHURI
20	15U41A0221	POLIREDDY NAVEEN
21	15U41A0222	PULI VIJAYA KUMAR REDDY
22	15U41A0223	REDDI SANYASI NAIDU
23	15U41A0224	RYALI SAI KUMAR
24	15U41A0225	ULLI VINAY
25	15U41A0226	VADDIPARTHI SAI KIRAN
26	16U45A0201	ADARI JYOTHSNA
27	16U45A0202	BARNIKALA ASHOK
28	16U45A0203	CHITRADA DEVIPRASANNA
29	16U45A0204	DADI LAVANYA
30	16U45A0205	DESAMSETTI KASUBABU
31	16U45A0206	DEVARA RENUKA
32	16U45A0207	JOGADA SATYA PRAKASH
33	16U45A0208	ALLABOINA GIRISH
34	16U45A0209	AVVARI EASH SAI KUMAR
35	16U45A0210	KATTA DINESH KUMAR
36	16U45A0211	KUDAVALLI HARSHITA

37	16U45A0212	KUNDRAPU PRADEEP
38	16U45A0213	M ASHOK BABU
39	16U45A0214	DADI KISHORE
40	16U45A0215	NANDAVARAPU GANESH
41	16U45A0216	P DEVENDRA
42	16U45A0217	DHARMALA SANTHOSH KUMAR REDDY
43	16U45A0218	SAMMINGA MANI SANKAR
44	16U45A0220	GANJI VIJAYKUMAR
45	16U45A0221	JOKADA SHANKAR RAO
46	16U45A0222	MALLA MANIKANTA
47	16U45A0223	MALLA TEJASREE
48	16U45A0224	MOSURI RAVI KISHORE
49	16U45A0225	MOTHURTHI SAIBHANU

Experiential learning: VISIT TO HINDUSTAN PETROLEUM CORPORATION LIMITED

The students of IV ECE went on an industrial visit to the HPCL on 6th September,2017. The senior officials gave a brief introduction about the terminal operation and policies with a presentation. The crew of HPCL explained clearly about all the work units situated in the industry terminal. Bottling unit, Tanker and Wagon filling units are the major work areas in the terminal.



Students at HPCL

IV ECE LIST OF STUDENTS VISITED HPCL

S.NO	HT NO	NAME
1	14U41A0401	B. THIRUMALA PAVAN
2	14U41A0402	B. LAVANYA
3	14U41A0403	B. SANTHI
4	14U41A0405	D. MOUNIKA
5	14U41A0406	D. PAVAN KUMAR
6	14U41A0407	D. BHAVYA
7	14U41A0408	I. RAMYA
8	14U41A0409	J. BHARAT NARAYANA

9	14U41A0410	K. TIRUMALA
10	14U41A0411	K. KRANTHI KUMAR
11	14U41A0412	K. GIRISHA
12	14U41A0413	M. SAIRAM
13	14U41A0414	M. HIMA BINDU
14	14U41A0415	M. TARUN KUMAR
15	14U41A0416	N. P. CHANDRA VARMA
16	14U41A0417	N. MARY GRACE
17	14U41A0418	N.N.S. GANESH
18	14U41A0419	N. DIVYA
19	14U41A0420	P. KUSUMA
20	14U41A0421	R. JYOTHIRMAI
21	14U41A0424	U. SREE LAKSHMI SUMA
22	14U41A0425	P. GANESH
23	15U45A0401	B.RAJA PHANINDRA
24	15U45A0402	B.SAI DEEPTHI
25	15U45A0403	CH.NARESH
26	15U45A0404	CH.CHIRANJEEVI
27	15U45A0405	K.LAVANYA
28	15U45A0406	K.RAMA LAKSHMI
29	15U45A0407	K.SEKHAR
30	15U45A0408	M. JHANSI RANI
31	15U45A0409	P. DIVYA
32	15U45A0410	R.PRASANNA LAXMI
33	15U45A0411	R. SIVAJI
34	15U45A0412	S. NAVEEN VARMA
35	15U45A0414	S.SRIVANI
36	15U45A0415	S.BABY
37	15U45A0416	V.GANGA RAJU
38	15U45A0417	V. JAYA
39	15U45A0418	D.SANTOSHI SOUNDARYA
40	15U45A0419	K.P. CHANDRA SEKHAR
41	15U45A0420	A.CHANDRA RAMU
42	15U45A0421	B. MANJULA
43	15U45A0423	A.KANNA BABU

Experiential learning: VISIT TO RANGABOLU GEDDA

The final Civil students as part of study tour went to Rangabolu Gedda reservoir project, which is at Jammadula Village near Kasimkota on 25th July,2017. Students were briefed about the watershed management and irrigation provision in the vicinity of the project. They were also briefed about the AP Govt. initiative of Neeru-Pragathi



Students at Rangabolu Gedda reservoir project

IV CIVIL STUDENTS VISITED RESERVOIR

S.NO	HT NO	NAME
1	13U41A0104	B.R.L. PRASAD
2	13U41A0106	CH. SUNIL KUMAR
3	13U41A0109	D.SIVA SAI
4	14U41A0101	A. VINEETHA
5	14U41A0102	B. SRIHARI
6	14U41A0104	CH. SHYAM SEK HAR
7	14U41A0105	KIRAN BEHERA
8	14U41A0106	KONDA SIVA RAM
9	14U41A0107	K. SIVANANDHA

10	14U41A0108	N. R. AVINASH
11	14U41A0109	PADI GANGA PRASAD
12	14U41A0110	PENTAKOTA NEELIMA
13	14U41A0111	TANGETI SRIKANTH
14	14U41A0112	V. SUNANDHA MYTHREYI
15	14U41A0113	JAGU SYAMALATHA
16	15U45A0101	B VIJAYA LAKSHMI
17	15U45A0102	C JAGADEESWARA RAO
18	15U45A0103	C SRINU
19	15U45A0104	CHIRANJEEVI P
20	15U45A0105	G GANESH
21	15U45A0106	G KUMAR
22	15U45A0107	KADAGALA SURESH
23	15U45A0108	K KURMA RAO
24	15U45A0109	K SHANMUKHA RAO
25	15U45A0110	K RAGHU
26	15U45A0111	K SHANMUKHA SAI
27	15U45A0112	K LOKESH
28	15U45A0113	K GOVINDARAO
29	15U45A0114	MISKA MOHAN
30	15U45A0115	RAIPUDI GANESH
31	15U45A0116	S MANOJ KUMAR
32	15U45A0117	SIDDA SATEESH
33	15U45A0119	P NAGU
34	15U45A0120	VENKATESH
35	15U45A0121	SANTHOSHKUMAR
36	15U45A0122	B KOMALA
37	15U45A0123	P V SANTOSH
38	15U45A0124	G RAGHURAM
39	15U45A0125	D YASWANTH
40	15U45A0126	L SANTHOSI KUMARI
41	15U45A0127	I ANUSHA
42	15U45A0128	NAIDANA TATAJI
43	15U45A0129	ADARI SAIBABU

44	15U45A0130	P VENKATALAKSHMI
45	15U45A0131	M HARITHA
46	15U45A0132	L MURALI KRISHNA
47	15U45A0133	T YADU KISHORE
48	15U45A0134	JOGA ANIL
49	15U45A0135	G NAGA NOOKESH
50	15U45A0136	P SATYANARAYANA
51	15U45A0137	P K TRIPURA SUNDARI

Experiential learning: visit to vizag container terminal

The Department of MBA organized an Industrial visit to VIZAG CONTAINER TERMINAL, visakhapatnam on 29th August,2017 for its first year students. They have gained knowledge with respect to Logistics, distribution, supply chain channel, marketing areas etc



MBA students field trip

HTNO	STUDENT NAME
17U41E0001	ALLA VARAHA NOOKA PUSHPAJA
17U41E0002	ANGARA LOVA RAJU
17U41E0003	BALIBOYINA SAROJINI
17U41E0004	BHAMIDIMARRI SATYA SRINIVAS
17U41E0005	BUDDHA RESHMA
17U41E0006	CHEKKA VINEETHA
17U41E0007	DANDU RAMYA JYOTHI
17U41E0008	DUNGALA PRAVALI
17U41E0009	GOLLAVILLI ANNAPOORNA
17U41E0010	KANDREGULA BALA MURALI
17U41E0011	JAMPA PRIYANKA
17U41E0012	KOTTU NEERAJA
17U41E0013	MADISA VENKATESH
17U41E0014	MALLI RAMBABU
17U41E0015	MANDARAPU BHASKAR
17U41E0016	MATHI BHARGAVI SAI HINDHUJA

17U41E0017	MYCHERLA LAKSHMANA RAO
17U41E0018	MYLAPILLI SREEDEVI
17U41E0019	NITTA YAMUNA
17U41E0020	PENTAKOTA MOULI PRIYANKA
17U41E0021	PALLA SIVA KRISHNA
17U41E0022	PANASA LASHYA
17U41E0023	PENTAKOTA MADHURI
17U41E0024	PENUMALLA SREE LAKSHMI
17U41E0025	PULAVARTHI HYMAVATHI
17U41E0026	SARAGADAM JALAJA
17U41E0027	SIRASAPALLI CHANDRAKALA
17U41E0028	TATIKONDA SURYAKALA
17U41E0029	VANAPALLI RAJESH
17U41E0030	YELLAPU KUSUMA SOWJANYA
17U41E0031	J PRIYANKA
17U41E0032	YELLAPU POOJITHA
17U41E0033	SURISSETTI GIRIJA PRASANNA
17U41E0034	YELLABILLI APARANJINI
17U41E0035	CHINTADA DHANALAKSHMI
17U41E0036	SURISSETTY PRIYANKA
17U41E0037	PENTAKOTA PRIYANKA
17U41E0038	TUMULA PARVATI
17U41E0039	GORUPUTI DHANALAKSHMI
17U41E0040	POLAMARASETTY ROOPA RAVINDRABABU
17U41E0041	JONNADA BHARATHI
17U41E0042	MAHAMMAD SHAHID

Experiential learning: visit to BHEL, visakhapatnam

The students of final MBA went on an industrial visit to the BHEL Vizag on 7th October,2017. The company officials have briefed the students about BHEL through a PowerPoint. The students gained knowledge about various aspects that are relevant to them like HR, Finance, Production &Operations, Quality and Marketing.



Dr.Ram kumar along with students at BHEL, Visakhapatnam

Students attended the BHEL

HALLTICKE T NO	NAME OF THE STUDENT
16U41E0001	A.PAVANI
16U41E0002	A.SRI PRIYANKA
16U41E0003	B.MEENA SOWJANYA
16U41E0004	B.YAMINI
16U41E0005	B.V.S PHANI KRISHNA
16U41E0006	B.A MADHU KIRAN
16U41E0007	D.VAMSI SAI KISHORE
16U41E0009	G.NAGAMANI
16U41E0010	J.JYOTHI KIRANMAYI
16U41E0011	K.M NAIDU
16U41E0012	K.JYOTHSNA
16U41E0013	K.ASWANI
16U41E0014	K.JAGADEESWAR RAO

16U41E0015	M.NEELIMA
16U41E0016	MD. ARSHI AZMI
16U41E0017	MD.NAZMIN AARA
16U41E0018	N.NAGAVALLI
16U41E0019	P.PARASURAM
16U41E0020	P.SATYA NARAYANA
16U41E0021	P.DURGA DEVI
16U41E0022	P.LAVANYA
16U41E0023	M.SUSHMA
16U41E0024	V.NAGA PRASAD
16U41E0025	Y.S.V SAI CHAITANYA
16U41E0026	K.TEJA
16U41E0027	M.JAGADISH
16U41E0028	G.VARA LAKSHMI
16U41E0029	V.SRAVANI
16U41E0031	A.SIRISHA
16U41E0032	V.MOUNICA
16U41E0033	K.KRISHNA VENI
16U41E0034	D.MANIKANTA
16U41E0035	P.SWATHI
16U41E0036	J.LEELA KRISHANA
16U41E0037	A.KAVYA SAMHITA
16U41E0038	R.SAI LAXMI
16U41E0039	A.VISHNU VARDHAN REDDY

Experiential learning: Two Day workshop on Entrepreneurship

A Two Day workshop on Entrepreneurship was organized by the Department of Management Studies in association with Entrepreneurship Development Institute which is sponsored by National Science & Technology Entrepreneurship Development Board on 22nd & 23rd December, 2017. Sri G.Ramabhadr Rao Senior Deputy Director, APPC (Andhra Pradesh Productivity council) was the Chief Guest and Sri B. Mohan rao Dy Director was the guest of Honor and also the resource person.



Sri G.Ramabhadr Rao Senior Deputy Director, APPC addressing students

Experiential learning: A three day Workshop on Programmable Logic Controllers

Dadi Institute of Engineering & Technology, in association with Andhra Pradesh State Skill Development Corporation organized a three day Workshop for the Final Year Students of Department of Electrical & Electronics on Programmable Logic Controllers during 14th Dec to 16th Dec-2017. The Workshop aims to enhance and strengthen the skills among the students in the Automation in the Industry. 60 participants from Diet participated in the work shop.



Resource person addressing students

Experiential learning: Six days workshop on the android development

Dadi Institute of Engineering & Technology, in association with Andhra Pradesh State Skill Development Corporation organized six days Workshop for the Students of Department of Computer Science Engineering from 15th February to 21st February, 2018. Mr. Muneiah Tellakula and his team of resource persons from APSSDC have justified the task of training 62 students on the Android development by giving the best of the knowledge they possess.



Students who participated in workshop

Experiential learning: Problem solving methodologies: IEEE Xtreme 11.0

DIET IEEE Student branch successfully took part in 24 hrs programming contest IEEE Xtreme 11.0 conducted across the globe on 14th October from 5.30 AM to 5.30 AM on 15th October , 2017 . It is a global challenge where the members of IEEE Participate in solving a set of programming problems.



Students participating in IEEE extreme

Guest lecture: Employment awareness session

The Department of Management Science organized a session on Employment opportunities and how to grab them on 9th February, 2018. Founder Director of Smart Steps India Pvt Ltd Sri Lavanya kumar was the guest speaker. He has given a wonderful lecture on the opportunities for the management students especially in the domains of HR, Finance and Marketing.



Sri Lavanya kumar addressing students

Guest Lecture: Building Information Modeling

On 15th February, 2018 Department of Civil Engineering organized a guest lecture on Awareness of BIM (Building Information Modeling) Software. The Resource Person was Mr.R.Pradeep Senior Manager, New ARCH Technologies, Bangalore. He gave lecture on the importance of the software and its utilization for the coming years as the technology in the field of civil engineering has been growing and he felt that the software knowledge also has to be updated and to be adopted by every individual who is in the profession of civil engineering.



Mr.R.Pradeep Senior Manager, New ARCH Technologies, addressing students

GUEST LECTURE ON GOODS & SERVICE TAX

The Department of Management Science on 21st March, 2018 organized a guest lecture on "Impact of GST on Indian Economy". The resource person was Mrs. K. Aparna, Asst Commissioner, Taxation Anakapalle division. She handled the burning topic of the nation in a tactful way conveying how it can bring out an economic transformation in the country.



Mrs. K. Aparna, Asst Commissioner, Taxation, addressing students

Participative Learning: Business Club Activities

The Department of Management Science in order to promote the creative skills of the young managers conducts various skill based activities like Ad- Making, Debates, Group discussion, Promoting of a product etc on every Wednesday. This active club has been rejuvenating the students and allowing them to develop high confidence levels before they step into the world of competition.



Students participating in Business activity

Participative Learning: Science Quiz

As part of National Science day celebrations QUEST The science quiz was conducted for First B.Tech Students by Quiz Master Ganesh Rajeswara Rao in an innovative way using the electronic buzzers. Students were overwhelmed and enjoyed answering the question that tested their memory.



Mr. Ganesh Rajeswara Rao conducting technical quiz

Participative learning:

Student seminars were conducted in order to improve the communication and presentation skills of the students



Students giving seminar on a technical topic of their choice



Student learning through peer discussion



Student seminars conducted in MBA dept

Participative learning through surveys and awareness programmes

SWACCH ANDHRA OPEN DEFECATION FREE (ODF) - SURVEY PROGRAMME

Swacch Andhra Open Defecation Free (ODF)-Survey programme was conducted in maredupudi and Akkireddipalem villages in Anakapalli(M), Visakhapatnam, from November to December, 2017 by our NSS UNIT. The survey was to track the governments flagship programme, Swachh Bharat Abhiyan in Andhra Pradesh and to make Andhra an open defecation free state. NSS volunteers educated the rural folk about Open air defecation and conveyed that due to lack of general sanitation and hygiene people are exposed to various diseases, especially diarrhea and intestinal infections and also typhoid, cholera, hepatitis, polio, trachoma and other diseases. Infected surface water wells and hand pumps may cause serious health hazards. In this Survey program the NSS Volunteers actively participated and have interacted with the villagers and extracted the details..They enquired about:

- 1) Do they have personal toilets,
- 2) Whether they are utilizing it for defecation or not.
- 3) Whether they have constructed it on their own or supported by the Government.





DIET students performing survey in villages

AWARENESS PROGRAMME ON WOMEN EMPOWERMENT

On 19 September, 2017 Internal Complaints committee organized an awareness program on Hemoglobin count for girl students. Dr. Madhuri, Gynecologist was the resource person. She felt that the adolescent girls have to take nutritious diet to be away from anemia and low hemoglobin count. She opined healthy women keeps the family healthy.



Awareness created for DIET students

TRAINING ADOLESCENT GIRLS OF SOCIAL WELFARE SCHOOLS

The peer group trainers of our college regularly visit the social welfare schools in and around the vicinity of the town and provide the necessary training to the adolescent girls with respect to various issues related to them, They provide them with the measures to take in order to combat.



DIET students interacting with school girls and awareness on health and hygiene issues

HEALTH TIPS BY SENIOR FACULTY

Smt M. Lalitha senior faculty of environmental sciences had taken a session on hygiene and diet for the third year girl students. She felt that students food habits are the primary reason for the low hemoglobin count . She insisted that proper diet only can ensure health. She gave some health tips for the girls to improve their health.



Expert talk on women's food habits

ESSAY WRITING ON WOMEN EMPOWERMENT

Committee in association with NCW (National Commission for Women), New Delhi, conducted Nation Wide Competition to Create Awareness about the Legal Rights of Women and 568 Students of DIET have participated in the Competition



Students participating in competition by National Commission for Women

YASASWEE BHAVA

Personality development session was organized for the newly joined students of B.Tech. on 8 July, 2017. Renown motivational and personality development trainer Prof Dr. K. V. S.G Murali Krishna, Principal, JNTU Narsaraopet. The trainer emphasized on the skills to be acquired by the students to excel in their life. Students were mesmerized by the trainer and assured him that they would execute what the session taught them and would certainly work out to lead a long life by following the values.



Students attending session by Mr. Murali Krishna , professor ,JNTUK

CAREER GUIDANCE & PD SESSION

Renowned trainer Sri Kriater Krishna from Hyderabad conducted a training session on How to set targets and achieve them and succeed in career on 3 & 4 July, 2017 for the new inducts of B.Tech & Diploma. The interactive approach of the trainer involved the students to practice certain aspects which would help them in building a right career during the session.



Students participating in career guidance session

AWARENESS ON ADULT FRANCHISE

NSS unit in association with Eenadu television organized an awareness session on the need of enrolling oneself as Voter on 24th January, 2018. Smt P. Bala, Deputy Thasildhar (Voter enrollment), Anakapalli graced the event and educated the students about their role in designing the future of India by registering as Voter.



Smt P. Bala, Deputy Thasildhar creating awareness

CYCLE RALLY IN SUPPORT TO APSPF INITIATIVE

On 28th December, 2017 Students of Our college have joined AP special Police Protection Force in a rally to promote awareness on Health and Environment. Our students who rode bicycles for about 15kms have given slogans about the need of protecting the environment from pollution and keeping ourselves healthy.



DIET students in cycle rally to create awareness on environment

AWARENESS PROGRAMME ABOUT THE LEGAL RIGHTS OF WOMEN

DIET ICC (Internal Complaint Committee) in association with NCW (National Commission for Women), New Delhi, conducted Nation Wide Competition to Create Awareness about the Legal Rights of Women. About 568 Students of DIET have participated in the Competition on 13th October 2017.



Students getting awareness on women's rights

CYCLE RALLY TO CREATE AWARENESS

150 students joined with Andhra Pradesh Special Protection Force (AP SPF) in a Cycle Rally in creating Awareness on Health and Control of Pollution . Students have covered 12kms on cycles and spread the message of physical exercise will help in keeping us healthy and also to avoid vehicles as they pollute the environment. Students advocated everyone to use public transport and give holiday to personal vehicles. A total number of 91 SPF Officers have participated in Rally. The event was inaugurated by Sri DNA Basha Superintendent of Police, Rajamahendravaram region. The participation of 100 plus volunteers and good number of faculty members has been the highlight along with huge participation from girl students



Students participating in cycle rally to create awareness on pollution

ROAD SAFETY AWARENESS FOR NH-16 USERS

NSS unit has initiated educating the NH-16 users on the need of following traffic rules for safe journey from 19th December, 2017. As part of the program every Saturday NSS volunteers will educate the road users about the need of wearing helmet, seat belt and driving with minimum speed. The event is supported by Traffic police of Anakapalle.



DIET students participating in road safety awareness drive along with police

NSS UNIT ORGANIZES 'CASHLESS TRANSACTION AWARENESS'

NSS UNIT organized cashless transaction awareness sessions to the citizens of its adopted villages Maredupudi, Akkireddipalem and Koppaka. Volunteers have educated the villagers on various means through which transactions can be made in the absence of physical cash. They have encouraged people to use Ewallets such as Paytm, Airtel Money etc. Volunteers demonstrated how mobile transactions are made and also educated them about UPI (Unified Interface Payment)

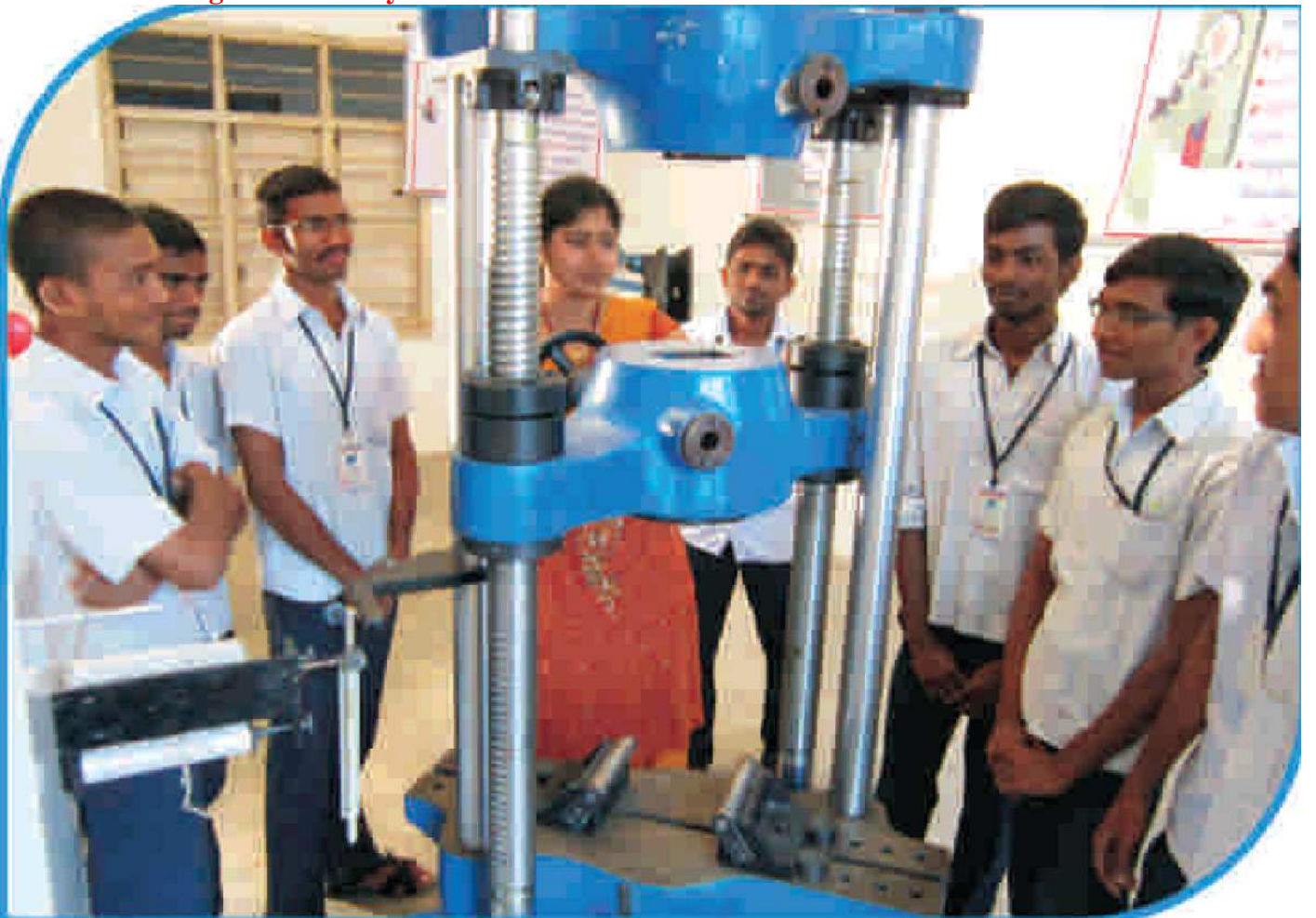


DIET students creates awareness to village people on online payments

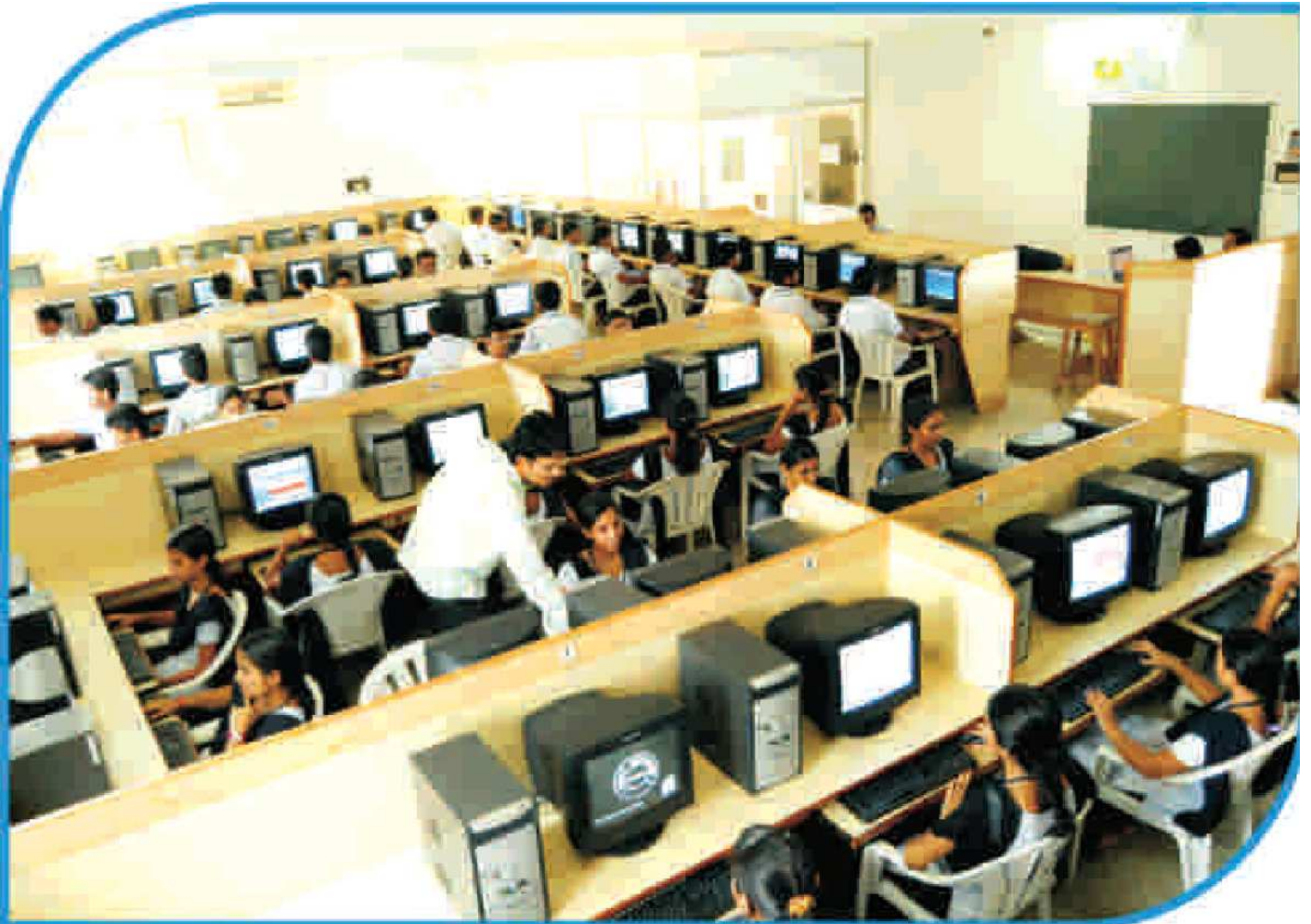
Experiential learning by conducting experiments in laboratories



Students learning in Control Systems lab



Students learning in Strength of Materials Lab



Students learning in C Programming Lab



Students learning in Fluid mechanics Lab



Students learning in Web Technologies Lab



Students learning in Electrical Machines Lab



Students learning in Surveying Lab



Students learning in Electronic Devices & Circuits Lab



Students learning in Chemistry Lab



Students learning in Physics Lab



Students learning in Language Lab


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