

2018 – 19



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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

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

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

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

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, As an initiative the teaching towards research and innovation. The Book, DIJEST (Dadi Institute Journal of Engineering Science & Technology) Series D Published. With this motivation the faculty involves in Faculty development programs to enrich the lesson plans with Usage of ICT tools available.



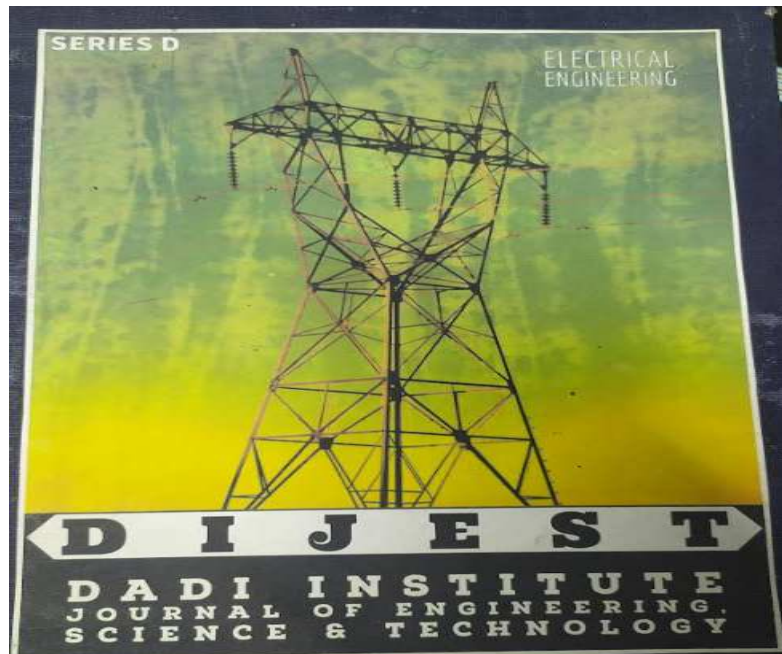
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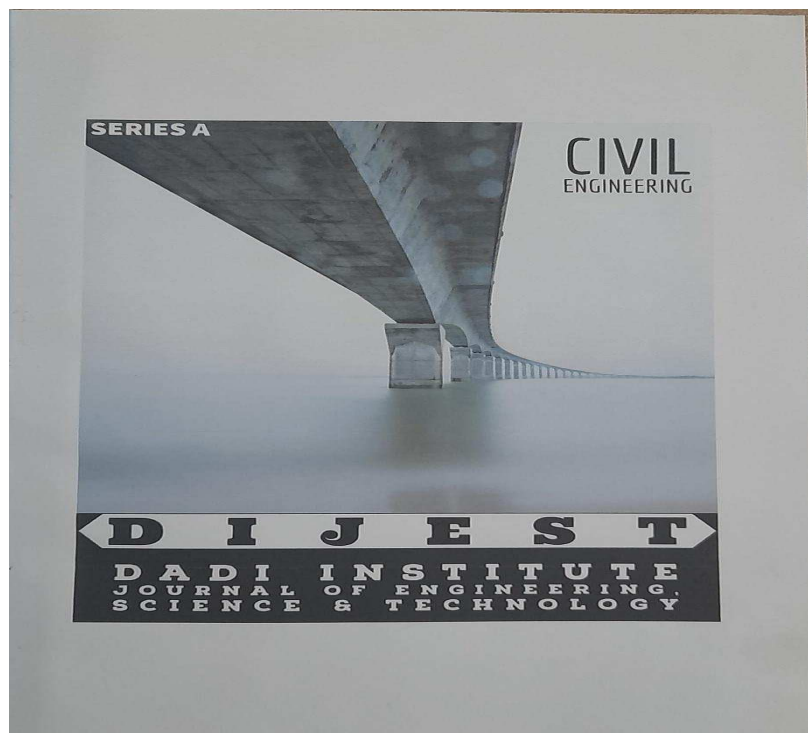
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In this academic year various events were organized to update our students regarding recent technologies.

GUEST LECTURE ON INDUSTRIAL AUTOMATION -APPLICATIONS IN ELECTRONICS

In its pursuit of excellence in Technical Education Department of Electronics and Communication of Dadi Institute of Engineering & Technology, Visakhapatnam conducted Guest Lecture on Industrial Automation -Applications in Electronics on 12th Dec-2018 on occasion of Sir "ROBERT NORTON NOYCE'S" Birthday. The Guest Lecture aims to enhance and strengthen the skills among the students in the Automation in the Industry. To impart knowledge in emerging technologies and get them trained towards Industrial in a planned manner.



Sri V.V.Murali Krishna, Automation Design Engineer (AGM) Steel Plant, VSP, Interacting with students.



Distribution of prizes by Chief Guest Sri V.V.Murali Krishna, Dr .Ch. S. Naga Prasad , Principal, Dr .k. Eswar Rao Vice-Principal, K Jogi Naidu ,HOD, ECE.



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In this academic year, the department of MBA continuing the B- Club activities apart from regular teaching evaluation process. Students are regularly evaluated on different parameters to check their progress throughout a semester. Class participation, seminars, announced tests, assignments, projects, etc. form part of this evaluation process. 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. The Department of Management arranges for regular visit by high-ranking industry personnel to the campus. This ensures that the students have get to know about the latest happenings in the industry, thereby making them ready for their future endeavors.

B- Club



A SIX WEEKS WORKSHOP ON "TALLY -ERP 9" (15th Nov, 2018 to 14th Jan, 2019) Organized by DEPARTMENT OF MANAGEMENT STUDIES In association with M/s GRAFX IT SOLUTIONS PVT LTD-Tally Institute of Learning (TIL)

Resource Persons: Mr. Sunil Kumar - Trainer
Convenor: Dr. P. B. Ram Kumar, HOD MBA, DIET, Anakapalle.
Faculty Coordinators: Mr. A. Kiran Kumar, Assistant Professor, MBA Department.

Venue: Seminar Hall -2, Lab -8 of DIET

The Department of MBA had organized the TALLY -ERP 9 a Two week online Training Program for II Year II Semester students at its campus in association with Graphix IT solutions Pvt Ltd, from 15th November 2018 - 14th January 2019 in the MBA Department seminar Hall from afternoon 1:00 PM - 4:00 PM on daily basis respectively . The Head of the Department, Convenor of the workshop Dr. Ram Kumar P.B co- convenor Mr. A. Kiran Kumar, Staff and students of MBA have been very much grateful to the Management of Diet, Training & Placement Officer Mr. Sunil kumar for providing an opportunity to conduct a useful and informative online training program on “TALLY ERP-9” which makes the students to be aware about latest technology in the area of accounting software package with Marketing.

The Main aim of organizing this workshop is to provide knowledge on the accounting software package Tally ERP-9 and its relevant core competencies also how to make the use of this application to create and automate their daily transactions and to generate the reports by using the Tally and its supporting platforms .

About Tally in Brief:

Tally helps in maintaining financial record of the company that includes net deductions, taxes, bonuses, and net payment. Management in banking sector – Banks use Tally to calculate interests on deposits and also manage various user accounts. Tally support ensures ease in calculation and makes banking simpler.

Tally is an ERP accounting software package that is used to record day to day business data of a company. The latest version of Tally is Tally ERP 9. Tally ERP 9 Software is one of the most financial accounting systems used in India. For small and medium enterprises, it is complete enterprise software.





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2.3.1: EXPERIENTIAL AND PARTICIPATORY LEARNING

Project list

BAT CH NO.	ROLL NO.	NAME	TITLE OF THE PROJECT	NAME OF THE PROJECT GUIDE
1.	16U45A0404	CHAVALLA JHANSI	PERFORMANCE ANALYSIS OF SRAM ARRAY ARCHITECTURES	Mr.B.N.SRINIVASA RAO
	16U45A0405	DODDI HEMALATHA		
	16U45A0417	MALLA HARISH		
	16U45A0406	DODDI NVS NOOKA RAJU		
	16U45A0402	ALLU SWATHI		
2.	16U45A0407	GANDEPALLI VANI	MULTIFACET ROBOT	Mrs.D.L.MYTHRI
	16U45A0414	KONATHALA SOWMYA		
	16U45A0409	JERRIPOTHULA SUNITHA		
	16U45A0410	KAKKALAVA SIVA		
	16U45A0421	PEELA HARI KSND SANTOSH		
3.	16U45A0408	JERRIPOTHULA NARSINGARAO	GPS BASED VEHICLE TRACKING SYSTEM	Ms.B.NEELIMA DEVI
	16U45A0418	N.T.V.S.NARAYANA		
	16U45A0434	D.ARUNA		
	16U45A0403	B.RAMU		
	16U45A0430	BOTLA DEEPIKA		

4.	16U45A0413	KOLIDCHINA BHARGAVI	GPS BASED VECHICLE TRACKING SYSTEM	Mr.K S N V SOMESWARA RAO
	16U45A0422	PENTAKOTA VISWA TEJA		
	16U45A0418	NAKKA TVS NARAYANA		
	16U45A0425	MOLLI ANUSHA		
	16U45A0426	S VASU DILIP		
5.	16U45A0419	PALLELA PARAMESWARA RAO	DESIGN OF A COMPACT METAMATERIAL MULTIBAND ANTENNA FOR WLAN/WI-MAX/ITU APPLICATIONS	Mrs.P.POORNA PRIYA
	16U45A0424	RAGETI JHANSI RANI		
	16U45A0435	BESETTI JYOTHSNA		
	16U45A0429	YAJJALA ANUSHA		
	16U45A0432	KANDREGULA RAJASEKHAR		
6.	16U45A0420	PANGA SRAVANI	HARTLEY BASED OFDM FOR OPTICCAL FIBER COMMUNICATION	Mr.S.SURESH KUMAR
	16U45A0415	KORASALA RAAGADEEPIKA		
	16U45A0436	MALLA KARUNA LAVANYA		
	16U45A0431	KARAMPUDI SHANMUKH SAI		
	16U45A0411	K. LOKESH		
7.	16U45A0423	POLIMERA JAYASREE	MULTIFACET ROBO DISPLAY BOARD USING GSM TECHNOLOGY	Mr.K.JOGI NAIDU
	16U45A0428	VACHALAPU VASUDEV		
	16U45A0416	LANKA SAI KUMAR		
	16U45A0433	DURGA NAGAMANI		
	16U45A0401	AATHAVA DURGA PRASAD		
	16U45A0438	KARRI SHYAM GANESH		
BAT CH NO.	ROLL NO.	NAME	TITLE OF THE PROJECT	NAME OF THE PROJECT GUIDE
1.	15U41A0433	P. SUSHMITA	DESIGN OF A NEW DOUBLE TAIL COMPARATOR WITH LOW POWER AND AREA AFFICIENT	MS.SK.SHABEENA
	15U41A0426	M. PRAVALLIKA		

	15U41A0407	D. ROHINI		
	15U41A0422	K. PREM KUMAR		
	15U41A0413	K.KRISHNAVENI		
2.	15U41A0412	K. KIRANMAYI	FIRE FIGHTING ROBOT	Mrs.B.T.ARCHANA
	15U41A0429	M.BHARATHI		
	15U41A0420	K. PRUDHVI RAJ		
	15U41A0425	M. JYOTHI		
	15U41A0428	M.MOSES LIVINGSTON		
3.	15U41A0415	K. SOWMYA	IMPLEMENTATION OF AREA EFFICIENT SRAM CELL	Mr.B.N.SRINIVASA RAO
	15U41A0423	M. LATHA SRI		
	15U41A0424	M. GOWTHAMI		
	15U41A0439	R. YASODHA VANAJA		
	15U41A0444	V. SHIVA KUMAR		
4.	15U41A0419	K. BHARGAVI	MEASUREMENT OF RELATIVE HUMIDITY AND TEMPARATURE DISPLAY OF SCROLLING MESSAGE ON LED DISPLAY BY USING BLUETOOTH INTERFACE WITH ARDUINO BOARD	Mr.MOHHAMAD SHAFFI
	15U41A0449	Y. HEPSIBA		
	15U41A0451	G. SRIRAMYA		
	15U41A0438	P. TARUN KUMAR		
	15U41A0442	S. VARAHALU		
5.	15U41A0406	CH.V.S. SOWMYA	MEASUREMENT OF RELATIVE HUMIDITY AND TEMPARATURE DISPLAY OF SCROLLING MESSAGE ON LED DISPLAY BY USING BLUETOOTH INTERFACE WITH ARDUINO BOARD	Mr.D.RAVI NAYAK
	15U41A0416	K. RENUKA		
	15U41A0404	B. LAXMI DEVI		
	15U41A0408	D. SUGUNA		
	15U41A0402	A KALYAN SAI NARAYANA		
6.	15U41A0430	M. SAI CHARAN	FIRE FIGHTING ROBOT	Ms.K.SUMA
	15U41A0431	M. SHYAMALA NOOKESHWARI		
	15U41A0440	S. PRIYANKA		
	15U41A0447	V. GOVINDA RAJU		
	15U41A0452	BUPINDER KAUR		
7.	15U41A0410	G. JAGADEESH	MULTIFACET ROBOT	MRS.D.L.MYTHRI

	15U41A0417	K.V. LAKSHMI DEVI		
	15U41A0405	CH. MALATHI		
	15U41A0414	K. REVATHI		
	15U41A0403	A.L. NARAYANA		
8.	15U41A0418	K.V. SAI RAVI TEJA	MEASUREMENT OF RELATIVE HUMIDITY AND TEMPARATURE DISPLAY OF SCROLLING MESSAGE ON LED DISPLAY BY USING BLUETOOTH INTERFACE WITH ARDUINO BOARD	Mr.MOHHAMAD SHAFFI
	15U41A0443	SREERAM MARTEENA KEZIA		
	15U41A0435	P.SNEHA		
	15U41A0441	S.SAI DEEPU		
	15U41A0445	V. JAYA CHANDRIKA		
9.	15U41A0432	P. SANTOSH KUMAR	DESIGN OF NEW CMOS FULL ADDER WITH LOW POWER AND AREA EFFICIENT	Mr.K.Jogi Naidu
	15U41A0411	G. VAISHNAVI		
	15U41A0448	Y. SRILATHA		
	15U41A0427	M. KASI VISWANADHAN		
	15U41A0450	S.S.V. CHIRANJEEVI		
S.No	Regd. No.	Student Name	Project Title	Guide Name
1	16U45A0250	L SIMHACHALAM NAIDU	STAND ALONE PV SYSTEM WITH MPPT & BATTERY STORAGE	Mr. M Rajarao Asst Professor
	16U45A0229	POLAMARASETTY VIJAY SAIKUMAR		
	16U45A0251	LAKKOJU YASWANTH		
	16U45A0270	SRIKAKULAPU GANGADHAR		
	16U45A0246	KAMIREDDY KASIAPPALARAJU		
2	16U45A0265	MOSA SAGAR	AIR BICYCLE	Ms.D.V.S Poojitha Asst Professor
	16U45A0267	YELAMANCHILI NAVEEN		
	16U45A0247	KANITI GOVINDA RAO		
	16U45A0235	MULAKALAPALLI NOOKESWARA RAO		

	16U45A0244	BOMMALI BHAVANI PRASAD		
3	16U45A0245	CHOPPA SATYA TEJA	ROBOT ACTION	Mr. Ch Ravi Kumar Asst Professor
	16U45A0263	DABBURU HARSHAVARDHAN KUMAR		
	16U45A0240	SHAIK FARIDHA		
	16U45A0227	NALLI RAJ KUMAR		
	16U45A0273	KORUKONDA VENKATESH		
4	16U45A0249	LAGUDU NARESH	MICRO CONTROLLER BASED SINGLE AXIS SOLAR TRACKING CONTROL OF PHOTOVOLTAIC PANELS USING STEPPER MOTOR	Ms.P Jagruthi Asst Professor
	16U45A0233	TRASULA SOWJANYA RANI		
	16U45A0269	OBBALAREDDI APPALA NAIDU		
	16U45A0254	PILLA RAMESH		
	16U45A0243	BANGARU NANI BABU		
5	16U45A0226	MUMMANA HEMALATHA	SMART TRAFFIC LIGHT CONTROL SYSTEM	Mrs.A Lakshmi Durga Asst Professor
	16U45A0228	PENUMATSA MAHINDRA VARMA		
	16U45A0230	PORAPU CHAITANYA		
	16U45A0260	T SANTOSH KUMAR		
6	16U45A0264	GUTHURTHI RAJASEKHAR	DESIGN AND PERFORMANCE EVALUATION OF AN ELECTRIC VEHICLE BY USING BRUSHLESS DC MOTOR	Mr.D.R.Ch. Nookesh Asst Professor
	16U45A0232	SOMIREDDI KALYAN		
	16U45A0266	MATTA RAJASEKHAR		
	16U45A0238	SHEIK VALLI BABU		
	16U45A0272	MUVVALA BHASKARA RAO		
7	16U45A0231	SAMMINGI DEVI	STAND ALONE PV SYSTEM WITH MPPT & BATTERY STORAGE	Mr. G Jagadeesh Asst Professor
	16U45A0234	VOONNA VINETHRI		

	16U45A0253	N. N. V. SATYA VARA PRASAD		
	16U45A0239	KUNDRAPU DAYESHWAR RAO		
8	16U45A0257	SALAPU SAI KUMAR	STAND ALONE PV SYSTEM WITH MPPT & BATTERY STORAGE	Mr. K Vijay Kumar Assoc. Professor & HOD
	16U45A0258	SATHIVADA VENKATA SATISH		
	16U45A0259	SILAPARASETTI SAI KUMAR		
	16U45A0252	MUTYALA SARATH KUMAR		
	16U45A0256	RACHABATTUNI JEEVAN VENKATA SAI		
9	16U45A0236	MARISETTI ASHOK	UNDERGROUND FAULT DETECTION USING ROBOTIC	Ms. B Sowjanya Kalyani Asst Professor
	16U45A0242	ALLA PRAVALLIKA		
	16U45A0248	KOLICHINA NEELIMA		
	16U45A0268	REDDY MOHAN		
	16U45A0241	AKULA NAVEEN		
10	16U45A0237	KALAGA NAGA GANESH	DESIGN AND PERFORMANCE EVALUATION OF AN ELECTRIC VEHICLE BY USING BRUSHLESS DC MOTOR	Mr.A.Krishna Nag Asst Professor
	16U45A0271	AGGALA HARIKRISHNA		
	16U45A0255	POLISETTI RAMCHARAN		
	16U45A0261	TANAKALA HIRANYA SAI KUMAR		
	16U45A0262	YANNAMSETTI GOVIND		

S.No	Regd. No.	Student Name	Project Title	Guide Name
1	16U45A0212	KUNDRAPU PRADEEP	STAND ALONE PV	Mr. K Vijay Kumar Assoc. Professor &

	16U45A0207	JOGADA SATYA PRAKASH	SYSTEM WITH MPPT & BATTERY STORAGE	HOD
	15U41A0221	POLIREDDY NAVEEN		
	15U41A0217	KUNDAN KUMAR SINGH		
	16U45A0210	KATTA DINESH KUMAR		
2	16U45A0202	BARNIKALA ASHOK	HOVERBOARD	Mr. M Rajarao Asst Professor
	15U41A0207	D SAI KUMAR		
	15U41A0223	REDDI SANYASI NAIDU		
	16U45A0217	DHARMALA SANTHOSH KUMAR REDDY		
	15U41A0218	MARAPUREDDI PRASAD		
3	16U45A0203	CHITRADA DEVIPRASANNA	STAND ALONE PV SYSTEM WITH MPPT & BATTERY STORAGE	Mr.M.Rajendra Prasad Asst Professor
	16U45A0221	JOKADA SHANKAR RAO		
	16U45A0209	AVVARI EASH SAI KUMAR		
	16U45A0208	ALLABOINA GIRISH		
	15U41A0224	RYALI SAI KUMAR		
4	16U45A0206	DEVARA RENUKA	HOME AUTOMATION SYSTEM	Ms. AVS Lakshmi Asst Professor
	16U45A0225	MOTHURTHI SAIBHANU		
	15U41A0216	KONATHALA VAMSI GANESH		
	15U41A0220	NALLA MADHURI		
	16U45A0218	SAMMINGA MANI SANKAR		
5	16U45A0224	MOSURI RAVI KISHORE	VANDEGRAAFF GENERATOR	Mr. J Deleep Kumar Asst Professor
	16U45A0222	MALLA MANIKANTA		
	15U41A0202	ADARI LOKESH		
	16U45A0214	DADI KISHORE		
	15U41A0204	AMALAKANTI VENKATA SAI RAM		

6	15U41A0209	DASARI JEEVAN MADHU SAI REDDY	AUTOMATED ELECTRONIC TOLL COLLECTION USING RFID	Mrs.A Lakshmi Durga Asst Professor
	15U41A0222	PULI VIJAYA KUMAR REDDY		
	15U41A0213	GURRALA SRINU		
	15U41A0210	EERIGILA LIKHITA		
	15U41A0203	ALLA MURALI SATEESH		
7	16U45A0201	ADARI JYOTHSNA	SPEED CONTROL OF BRUSH LESS DC MOTOR USING PWM TECHNIQUE	Mr. G Jagadeesh Asst Professor
	16U45A0211	KUDAVALLI HARSHITA		
	16U45A0223	MALLA TEJASREE		
	15U41A0201	ADARI DURGAMAHESH		
	15U41A0225	ULLI VINAY		
8	16U45A0215	NANDAVARAPU GANESH	AUTOMATIC VEHICLE DETECTING STREET LIGHTS	Mr. J Deleep Kumar Asst Professor
	16U45A0216	P DEVENDRA		
	15U41A0210	EERIGILA LIKHITA		
	15U41A0205	AMUJURI NANI		
	15U41A0211	GORIVILLI DIVYA		
9	16U45A0204	DADI LAVANYA	STAND ALONE PV SYSTEM WITH MPPT & BATTERY STORAGE	Mr.M.Rajendra Prasad Asst Professor
	16U45A0205	DESAMSETTI KASUBABU		
	16U45A0213	M ASHOK BABU		
	15U41A0219	MHATRE PANKAJ KRUSHNA		
	15U41A0226	VADDIPARTHI SAI KIRAN		

Sl. No.	Team Leader	Member-1	Member-2	Member-3	Member-4	Project Guide	title
1	15U41A0567	15U41A0569	15U41A0518	15U41A0515	-----	Mrs K Srilakshmi	GPS Based Bus Tracking System
2	15U41A0519	15U41A0548	15U41A0505	15U41A0521	15U41A0540	Dr L Prasanna Kumar	Sentiment Analysis of Social Media using Machine Learning
3	15U41A0530	15U41A0527	15U41A0565	15U41A0553	15U41A0551	Mrs Dr K Sujatha	Smart Monitoring the Air Blow Using IOT
4	15U41A0541	15U41A0543	15U41A0542	15U41A0546	15U41A0524	Mr A Narsimham	Library Attendance System
5	15U41A0557	15U41A0550	15U41A0523	15U41A0512	15U41A0502	Mr A Srinivas	Threat Detection in Structured Cyber Security Data Streams through Deep Learning
6	15U41A0531	15U41A0561	15U41A0552	15U41A0533	15U41A0534	Mr A VasudevaRao	Student Monitoring system using Face Recognition Techniques
7	15U41A0537	15U41A0513	15U41A0508	15U41A0570	15U41A0566	Mr K Nukaraju	The Virtual Assistant
8	15U41A0504	15U41A0535	15U41A0506	15U41A0511		Mrs G Mutyalamma	Automated Help Assistance System
9	15U41A0538	15U41A0509	15U41A0539	15U41A0544	15U41A0563	Mr S V S V P RamaRaju	Child Tracking System using Device OverLocation or NetworkBased with ADHOC Mobile Networking
10	15U41A0564	15U41A0562	15U41A0516	15U41A0549	15U41A0559	Mr CH Dinesh	FingerPrint Based ATM
11	15U41A0532	15U41A0522	15U41A0536	15U41A0514	15U41A0517	Mrs B Renuka	Retrival of Human Information with Machine Learning Techniques
12	15U41A0503	15U41A0507	15U41A0520	15U41A0526	15U41A0545	Mr Y Dinesh	IOT Based Drunk Driving

							Detection
Sl. No.	Team Leader	Member-1	Member-2	Member-3	Member-4	Project Guide	Title
1	15U41A0567	15U41A0569	15U41A0518	15U41A0515		Mrs K Srilakshmi	GPS Based Bus Tracking System
2	15U41A0519	15U41A0548	15U41A0505	15U41A0521	15U41A0540	Dr L Prasanna Kumar	Sentiment Analysis of Social Media using Machine Learning
3	15U41A0530	15U41A0527	15U41A0565	15U41A0553	15U41A0551	Mrs Dr K Sujatha	Smart Monitoring the Air Blow Using IOT
4	15U41A0541	15U41A0543	15U41A0542	15U41A0546	15U41A0524	Mr A Narsimham	Library Attendance System
5	15U41A0557	15U41A0550	15U41A0523	15U41A0512	15U41A0502	Mr A Srinivas	Threat Detection in Structured Cyber Security Data Streams through Deep Learning
6	15U41A0531	15U41A0561	15U41A0552	15U41A0533	15U41A0534	Mr A VasudevaRao	Student Monitoring system using Face Recognition Techniques
7	15U41A0537	15U41A0513	15U41A0508	15U41A0570	15U41A0566	Mr K Nukaraju	The Virtual Assistant
8	15U41A0504	15U41A0535	15U41A0506	15U41A0511		Mrs G Mutyalamma	Automated Help Assistance System
9	15U41A0538	15U41A0509	15U41A0539	15U41A0544	15U41A0563	Mr S V S V P RamaRaju	Child Tracking System using Device OverLocation or Network Based with ADHOC Mobile Networking
10	15U41A0564	15U41A0562	15U41A0516	15U41A0549	15U41A0559	Mr CH Dinesh	FingerPrint Based ATM
11	15U41A0532	15U41A0522	15U41A0536	15U41A0514	15U41A0517	Mrs B Renuka	Retrival of Human Information with Machine Learning Techniques
12	15U41A0503	15U41A0507	15U41A0520	15U41A0526	15U41A0545	Mr Y Dinesh	IOT Based Drunk Driving Detection

VAN DE GRAAFF GENERATOR

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

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

M.RAVI KISHORE	(16U45A0224)
M. MANIKANTA	(16U45A0222)
D. KISHORE	(16U45A0214)
A.SAIRAM	(15U41A0204)
A.LOKESH	(15U41A0202)

Under the Esteemed Guidance of

Mr. J.DELEEP KUMAR, M.Tech

Assistant Professor, Department of EEE



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CERTIFICATE

This is to certify that the project report entitled "VAN DE GRAAFF GENERATOR" submitted by M.RAVI KISHORE (16U450224), M.MANIKANTA (16U45A0222), D.KISHORE (16U45A0214), A.SAIRAMI (15U41A0204), A.LOKESH (15U41A0202) in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in Electrical & Electronics Engineering, from DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (approved by A.I.C.T.E., New Delhi & Affiliated to JNTU, Kakinada) is a record of bona fide work carried out by them under my guidance and supervision.


Mr. J. DELEEP KUMAR,

Assistant Professor,

(Project guide)


Mr. K. VIJAY KUMAR,

Professor,

(Head of the Department)


EXTERNAL EXAMINER

**AUTOMATIC ELECTRONIC TOLL
COLLECTION USING RFID SYSTEM**

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

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

D.JEEVAN MADHU SAI REDDY	(15041A0209)
P.VIJAY KOMAR REDDY	(15041A0222)
G.SRINU	(15041A0213)
A.MURALI SATISH	(15041A0203)
N.MADHURI	(15041A0220)

*Under the Esteemed Guidance of
Smt. A.LAKSHMI DURGA,*

Asst Professor, Dept. of EEE



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CERTIFICATE

This is to certify that the Project work entitled "AUTOMATIC ELECTRONIC TOLL COLLECTION USING RFID SYSTEM" is a being submitted by D JEEVAN MADHU SAI REDDY (15U41A0209), P.VIJAY KUMAR REDDY (15U41A0222), G SRINU (15U41A0212), A MURALI SATISH (15U41A0203), N.MADHURI (15U41A0220) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRICAL & ELECTRONICS ENGINEERING during the academic year 2018-19


Mrs. A. LAKSHMI DURGA
(Assistant Professor)
(PROJECT GUIDE)


Mr. K. VIJAY KUMAR
(Associate Professor)
(HEAD OF THE DEPARTMENT)


EXTERNAL EXAMINER

CLOSED LOOP SPEED CONTROL OF BLDC MOTOR USING MICRO CONTROLLER

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

IN

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

A.JYOTHSNA	16U45A0201
K.HARSHITHA	16U45A0211
M.TEJA BREE	16U45A0223
A.DURGA MAHESH	15U41A0201
U.VINAY	15U41A0225

Under the Estimated Guidance of

Mr. G.JAGADEESH

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CERTIFICATE

This is to certify that the Project work entitled "closed loop speed control of BLDC motor using microcontroller" is being submitted by A JYOTHSNA (16U45A0201), K HARNITHA (16U45A0211), M TEJA SREE (16U45A0223), A DURGA MAHESH (15U41A0201), U VINAY (15U41A0225) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRICAL & ELECTRONICS ENGINEERING during the academic year 2018-19.


Mr. G. JAGADEESH
(ASSISTANT PROFESSOR)
(PROJECT GUIDE)


Mr. K. VIJAY KUMAR
(ASSOCIATE PROFESSOR)
(HEAD OF THE DEPARTMENT)


EXTERNAL EXAMINER

**AUTOMATIC VEHICLE DETECTING STREET LIGHTS
USING ARDUINO**

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

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

N.GANESH	16U45A0215
P.DEVENDRA	16U45A0216
A.NANI	15U41A0200
E.LIKITHA	15U41A0210

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CERTIFICATE

This is to certify that the Project work entitled "AUTOMATIC VEHICLE DETECTING STREET LIGHTS" is a being submitted by N.GANESH (15U41A0215), P.DEVENLIKA (16043A0216), E.LIKITHA (15U41A0210), A.NANI (15U41A0205), M.PRASAD (15U41A0218) in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in Electrical & Electronics Engineering, from DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (approved by A.I.C.T.E., New Delhi & Affiliated to JNTU, Kakinada) is a record of bona fide work carried out by them under my guidance and supervision.


Mr. J. DELEEP KUMAR,
(ASSISTANT PROFESSOR)
(PROJECT GUIDE)


Mr. K. VIJAY KUMAR,
(PROFESSOR)
(HEAD OF THE DEPARTMENT)


EXTERNAL EXAMINER

**DESIGN AND IMPLEMENTATION OF OFF GRID
2KW_p PV SYSTEM WITH MPPT FOR
ILLUMINATION OF LED LIGHTS**

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

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

D.LAVANYA	16U45A0204
M.PANKAJ	15U41A0219
V.SAI KIRAN	15U41A0226
D.KASU BABU	16U45A0205
M.ASHOK BABU	16U45A0213

Under the Esteemed Guidance of
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NH-5, Anakapalle-531002, Visakhapatnam, A.P.

CERTIFICATE

This is to certify that the project report entitled "**DESIGN AND IMPLEMENTATION OF OFF GRID 2KW_p PV SYSTEM WITH MPPT FOR ILLUMINATION OF LED LIGHTS.**" submitted by D LAVANYA (16U45A0204), M.PANEAJI(15U41A0219), V.SAI KIRAN (15U41A0226), D.KASUBABU(16U45A0205), MLASHOK BABU (16U45A0213) in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in Electrical & Electronics Engineering, from DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (approved by A.I.C.T.E., New Delhi & Affiliated to JNTU, Kakinada) is a record of bona fide work carried out by them under my guidance and supervision.

Mr. M. RAJENDRA PRASAD
Assistant Professor
PROJECT GUIDE

Mr. E. VIJAY KUMAR
Associate professor
HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

**DESIGN AND IMPLEMENTATION OF OFF GRID
2KWP PV SYSTEM WITH MPPT FOR
ILLUMINATION OF LED LIGHTS**

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

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

L.SIMHACHALAM NAIDU	16045A0250
P.VELAY SAI KUMAR	16045A0229
L.YASWANTH	16045A0251
K.KASI APPALA RAJU	16045A0246
S.GANGADHAR	16045A0270

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CERTIFICATE

This is to certify that the project report entitled "**DESIGN AND IMPLEMENTATION OF OFF GRID 2KWP PV SYSTEM WITH MPPT FOR ILLUMINATION OF LED LIGHTS.**" submitted by **L.SINBHACHALAM NAIDU(16U45A0250)**, **P.VIJAY SAI KUMAR (16U45A0209)**, **L.YASWANTH(16U45A0251)**, **KRASI APPALA RAJU (16U45A0246)**, **S.GANQAINAR (16U45A0270)** in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in Electrical & Electronics Engineering from DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (approved by A.I.C.T.E., New Delhi & Affiliated to JNTU, Kakinada) is a record of bona fide work carried out by them under my guidance and supervision.



M. K. Palla Rao

Assistant Professor

PROJECT GUIDE



Mr. K. Vijay Kumar

Associate professor

HEAD OF THE DEPARTMENT


EXTERNAL EXAMINER

**MICROCONTROLLER BASED SINGLE AXIS SOLAR
TRACKING CONTROL OF PHOTOVOLTAIC PANELS
USING STEPPER MOTOR**

A project report submitted in partial
Fulfillment of the requirement for the award of the B.Tech in
ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

L NARESH	16U45A0249
O APPALA NAIDU	16U45A0269
B NANIBABU	16U45A0243
R VENKATDOR	16U45A0270
P RAMESH	16U45A0254

Under the Esteemed Guidance of

Miss. P.JAGRUTHI,

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DIET ANAKAPALLE



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National Highway-18, Annapurtha-531002, Visakhapatnam Dist, A.P.

CERTIFICATE

This is to certify that the project work entitled "MICROCONTROLLER BASED SINGLE AXIS SOLAR TRACKING CONTROL OF PHOTOVOLTAIC PANELS USING STEPPER MOTOR" has been carried out by LNARESH (16U45A0249), ENANBAHU (16U45A0243), K.VENKATESH (16U45A0273), PRAMESH (16U45A0254), O APPALA NAIDU (16U45A0269) Submitted in partial fulfillment of the requirement for the Award of BACHELOR OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING during the academic year 2018-2019.

Miss. P. JAGRUTHI,
(Assistant Professor)
(Project guide)

Mr. K. VIJAYKUMAR,
(Associate Professor)
(Head of the department)

External Examiner

**DENSITY BASED TRAFFIC LIGHT TIMING CONTROL
SYSTEM**

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

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

M.HEMA LATHA	16U45A0226
P. MAHINDRA VARMA	16U45A0228
P. CHAITANYA	16U45A0230
T. SANTOSH KUMAR	16U45A0260

Under the Esteemed Guidance of

Mrs. A. LAKSHMI DURGA

Assistant Professor, Department of EEE.



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CERTIFICATE

This is to certify that the Project work entitled "DENSITY BASED TRAFFIC LIGHT TIMING CONTROL SYSTEM" is a being submitted by M. HEMA LATHA (16U45A0230), P.MAHINDRA VARMA(16U45A022B),P.GRAHAISTA (16U45A0230), T. SANTOSH KUMAR (16U45A0260), in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRICAL AND ELETRONICS ENGINEERING during the academic year 2018-2019.


Mrs. A. LAKSHMI DURGA
(ASSISTANT PROFESSOR)
(PROJECT GUIDE)


Mr. K. VIJAY KUMAR
(ASSOCIATE PROFESSOR)
(HEAD OF THE DEPARTMENT)


EXTERNAL EXAMINER

**DESIGN AND PERFORMANCE EVALUATION OF AN
ELECTRIC VEHICLE BY USING BRUSHLESS DC
MOTOR**

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

In
ELECTRICAL & ELECTRONICS ENGINEERING

By

G. RAJ SEKHAH	(16U45A0264)
S. KALYAN	(16U45A0232)
M. RAJASEKHAR	(16U45A0266)
SK. VALI BABU	(16U45A0234)
M. BASKHAR	(16U45A0272)

Under the Esteemed guidance of

Mr. D.R.CH.NOOKESH

Assistant Professor, Department of EEE



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

CERTIFICATE

This is to certify that the project report entitled "DESIGN AND PERFORMANCE EVALUATION OF AN ELECTRIC VEHICLE BY USING BRUSHLESS DC MOTOR" submitted by G.RAJ SEK HAR (16U45A0264), S.KALYAN (16U45A0233), M.RAJASEKHAR (16U45A0266), SK VALLI BABU (16U45A0238), M.BASKHAR (16U45A0272) in partial fulfillment of the requirement for award of the Degree of Bachelor of Technology in *Electrical & Electronics Engineering*, during the academic year 2018-19.


Mr. D.R.CHENOOKESH
(ASSISTANT PROFESSOR)
PROJECT GUIDE


Mr. K.VIJAY KUMAR
(ASSOCIATE PROFESSOR)
HEAD OF THE DEPARTMENT


EXTERNAL EXAMINER

**DESIGN AND IMPLEMENTATION OF OFF GRID
2KWp PV SYSTEM WITH MPPT FOR
ILLUMINATION OF LED LIGHTS**

23

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

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

S.DEVI	16U45A0231
V.VINETHRI	16U45A0234
S.DAYESHWAR RAO	16U45A0239
N.N.V.S.VARAPRASAD	16U45A0253

Under the Esteemed Guidance of
Mr. G. JAGADEESH
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BH-5, Anakapalle-531002, Visakhapatnam, A.P.

CERTIFICATE

This is to certify that the project report entitled "DESIGN AND IMPLEMENTATION OF OFF GRID 2KW PV SYSTEM WITH MPPT FOR ILLUMINATION OF LED LIGHTS." submitted by S.DEVI (16U4SA0231), V.VINETHRE (16U45A0234), K.DAYESHWAR RAO (16U4SA0239), N.N.V.S.VARAPRASAD (16U4SA0253), in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in *Electrical & Electronics Engineering*, from DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (approved by A.I.C.T.E., New Delhi & Affiliated to JNTU, Kakinada) is a record of bona fide work carried out by them under my guidance and supervision.


Mr. G. JAGADEESH

Assistant Professor

PROJECT GUIDE


Mr. K. VIJAY KUMAR

Associate professor

HEAD OF THE DEPARTMENT


EXTERNAL EXAMINER

**DESIGN AND IMPLEMENTATION OF OFF GRID
2KWp PV SYSTEM WITH MPPT FOR
ILLUMINATION OF LED LIGHTS**

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

BACHELOR OF TECHNOLOGY

IN

ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by

S.SAI KUMAR	16U45A0257
S.VENKATA SATHISH	16U45A0258
R.J.VENKATA SAI	16U45A0256
S.SAI KUMAR	16U45A0259
M.SARATH KUMAR	16U45A0252

Under the Esteemed Guidance of

Mr. K. VIJAY KUMAR

Associate Professor & Head, Department of EEE



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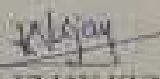
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NH-5, Anakapalle-531002, Visakhapatnam, A.P.

CERTIFICATE

This is to certify that the project report entitled "**DESIGN AND IMPLEMENTATION OF OFF GRID 2KW_p PV SYSTEM WITH MPPT FOR ILLUMINATION OF LED LIGHTS.**" submitted by S.SAI KUMAR (16U45A0257), S.VENKATA KATHISH (16U45A0258), P.L.VENKATA SAI (16U45A0256), S.SAI KUMAR (16U45A0259), M.SARATH KUMAR (16U45A0252) in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in *Electrical & Electronics Engineering*, from DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (approved by A.I.C.T.E., New Delhi& Affiliated to JNTU, Kakinada) is a record of bona fide work carried out by them under my guidance and supervision.


Mr. K. VIJAY KUMAR
Associate Professor
PROJECT GUIDE


Mr. K. VIJAY KUMAR
Associate professor
HEAD, DEPARTMENT OF EEE


EXTERNAL EXAMINER

**IR SENSOR BASED CRACK DETECTION OF
RAILWAY TRACK USING GSM AND GPS SYSTEM**
*A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of*
BACHELOR OF TECHNOLOGY
IN
ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

M.LASHOK	16U45A0236
A.PRAVALLIKA	16U45A0242
K.NEELIMA	16U45A0248
R.MOHAN	16U45A0268
A.NAVEEN	16U45A0241

Under the Esteemed Guidance of
Ms.B.SOWJANYA KALYANI
Assistant Professor, Dept. of EEE



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CERTIFICATE

This is to certify that the Project work entitled "**IR SENSOR BASED CRACK DETECTION OF RAILWAY TRACK USING GSM AND GPS SYSTEM**" is a being submitted by M.ASHOK (16U45A0236), A.PRAVALLIKA (16U45A0242), K.NEELIMA (16U45A0248), R.MOHAN (16U45A0268), A.NAVEEN (16U45A0241) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRICAL & ELECTRONICS ENGINEERING during the academic year 2018-19.

Ms. B. Rosejany Kalyani

(ASST. PROFESSOR)

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Mr. K. Vijay Kumar

(ASSOC. PROFESSOR)

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EXTERNAL EXAMINER

**DESIGN AND PERFORMANCE EVALUATION OF AN
ELECTRIC VEHICLE BY USING BRUSHLESS DC
MOTOR**

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

In

ELECTRICAL & ELECTRONICS ENGINEERING

By

K.NAGACHANESH	(16U45A0207)
A.HARI KRISHNA	(16U45A0273)
P.RAM CHARAN	(16U45A0255)
T.H.SAI KUMAR	(16U45A0263)
Y.GOVIND	(16U45A0262)

Under the Esteemed guidance of

Mr.A. Krishna Nag

Assistant Professor, Department of EEE



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

CERTIFICATE

This is to certify that the project report entitled "DESIGN AND PERFORMANCE EVALUATION OF AN ELECTRIC VEHICLE BY USING BRUSHLESS DC MOTOR" submitted by K.NAGAGANESH (16U45A0237), A.HARI KRISHNA (16U45A0271), PERAMCHARAN (16U45A0255), T.H.SAI KUMAR (16U45A0261), Y.GOVIND (16U45A0262) in partial fulfillment of the requirement for award of the Degree of Bachelor of Technology in *Electrical & Electronics Engineering*, during the academic year 2018-19.

Mr.A.KRISHNA NAG
(ASSISTANT PROFESSOR)
PROJECT GUIDE

Mr. K.V.JAY KUMAR
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HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

**INTELLIGENT CONDITION MONITORING OF AIR
BLOWER USING INTERNET OF THINGS**

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

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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16U45A0504

P.LIKITHA

15U41A05A2

R.RAVI KUMAR

15U41A05B6

Y.VENKATA PADMA

15U41A05D1

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Dr. K. Sujatha

Professor, Department of CSE



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CERTIFICATE

This is to certify that the Project work entitled "INTELLIGENT CONDITION MONITORING OF AIR BLOWER USING INTERNET OF THINGS" is a being submitted by N.PRATHYUSHA, P.LIKITHA, R.RAVI KUMAR, Y.VENKATA PADMA in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2018-19.

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EXTERNAL EXAMINER

DESIGN OF REAL TIME HEAT SYSTEM AUTOMATION CONTROL USING INTERNET OF THINGS

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

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

Submitted by

P.HIMA LATHA	15U41A05A9
D.PRIYANKA	15U41A0585
G.BALA KRISHNA	15U41A0593
T.KRANTHI KUMARI	15U41A05C2
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CERTIFICATE

This is to certify that the Project Work entitled "DESIGN OF REAL TIMEHEAT SYSTEM AUTOMATION CONTROL USING INTERNET OF THINGS" is being submitted by P.HIMALATHA (15U41A05A9),D.PRIYANKA (15U41A0585), G.BALAKRISHNA (15U41A0593), T.KRANTHI KUMARI (15U41A05C2), M.SAPTAGIRI(15U41A0599) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2018-2019.

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EXTERNAL EXAMINER

WEB POLLING

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

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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B. MANOJ KUMAR	15U41A0575
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This is to certify that the Project work entitled "WEB POLLING" is a being submitted by B SRAVANI (15U41A0573), V N S DURGA PRASAD (15U41A0506), B VINAY (15U41A0580), B MANOJ KUMAR (15U41A0575), R HAREESH (15U41A05B0) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2018-19.

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PORTABLE PHISHING ATTACK TOOL

*A project report submitted in the partial fulfilment of
the requirements for the award of degree of*
BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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This is to certify that the project report entitled, "PORTABLE PHISHING ATTACK TOOL" is being submitted By M.CHANDRAJA(16U45A0508), A. ANJANI (16U45A0501), A.YASASWINI (15U41A0572), P.DANTESWARI (15U41A05A3), M.HAKIL(15U41A0595) in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY OF COMPUTER SCIENCE AND TECHNOLOGY during the academic year 2018-2019.

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**STUDENT MONITORING SYSTEM USING
FACE RECOGNITION TECHNIQUE**

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

**IN
COMPUTER SCIENCE AND ENGINEERING**

Submitted by

P. VASANTHA KUMARI	15U41A05A8
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K.SAGAR SAI SARAN	15U41A0596
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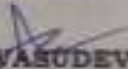
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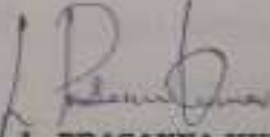
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This is to certify that the Project work entitled "STUDENT MONITORING SYSTEM USING FACE RECOGNITION TECHNIQUE" is a being submitted by P VASANTHA KUMARI (15U41A05A8), D AMRUTHA (16U45A0502), S SAGAR SAI SARAN (15U41A0596), G SASHANK (15U41A0592), V ALEKYA (15U41A05C8) in partial fulfillment of the Requirement for award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2017-18.


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**SEMANTIC-BASED COMPOUND KEYWORD
SEARCH OVER ENCRYPTED CLOUD DATA**

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

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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This is to certify that the Project work entitled "SEMANTIC-BASED COMPOUND KEYWORD SEARCH OVER ENCRYPTED CLOUD DATA" is being submitted by P MOUNIKA (15U41A05A6), D RUPESH REDDY (15U41A0586), D GANESH (15U41A0584), B SONIYA (15U41A0579), V VIGNYANI (15U41A05C4) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2018-19.

Sri V. SRINIVAS
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**TWITTER SENTIMENT ANALYSIS USING
MACHINE LEARNING ON PYTHON**

*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

V.POORNIMA VARALAKSHMI	15U41A05C3
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CERTIFICATE

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Dr.L.PRASANNA KUMAR
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Dr.L.PRASANNA KUMAR
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Anakapalle-531002

GPS BUS TRACKING SYSTEM

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

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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K.GAYATRI	15U41A0597
G.SASANK	15U41A0589
D.MANOJ KUMAR	15U41A0581
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CERTIFICATE

This is to certify that the Project Work entitled "GPS BUS TRACKING SYSTEM" is a bonafide work done by D APOORVA BINDU PRIYA (Reg.No: 15U41A0582), K GAYATHRI (Reg.No: 15U41A0597), G SASANK (Reg.No: 15U41A0589), D MANOJ KUMAR (Reg.No: 15U41A0581), B MANI KUMAR (Reg.No: 15U41A0578) in partial fulfillment of the curriculum of Bachelor of Technology in Computer Science & Engineering during the academic year 2018-2019.

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IOT BASED DRUNK DRIVER DETECTION

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

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

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P. KUMUDINIDEVI	15U41A05A4
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NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "IOT BASED DRUNK DRIVER DETECTION" is a being submitted by P KUMUDINIDEVI (15U41A05A4), B JYOTHSNA PRAVALLIKA (15U41A0577), V VANAJA (15U41A05C7), B PRADEEP CHANDU (15U41A0576), B DHANA LAKSHMI (15U41A0574) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2018-19.

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PROFESSOR
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Dr. L. PRASANNA KUMAR
ASSOCIATE PROFESSOR
(HEAD OF THE DEPARTMENT)
Head of the Department,
Computer Science and Engg
Dadi Institute of Engg & Tech
- Anakapalle - 531 001

**FINGERPRINT BASED LIBRARY
ATTENDANCE SYSTEM**

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

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

S.JAYAKRISHNA	15U41A05B8
R.YAMINI	15U41A05B2
R.SHARMILA	15U41A05B1
D.VASANTHI	15U41A05D0
IRFANA	15U41A0594

Under the Esteemed Guidance of
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This is to certify that the Project work entitled "FINGERPRINT BASED LIBRARY ATTENDENCE SYSTEM" is a being submitted by S. JAYAKRISHNA (15U41A05B8), R.YAMINI(15U41A05B2), R.SHARMILA (15U41A05B1), D.VASANTHI (15U41A05D0), IRFANA (15U41A0594) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2018-19.

Dr.L.PRASANNA KUMAR

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**Computer Science and IT
Dadi Institute of Engg. & Tech
Anakapalle - 531092**

AUTOMATED HELP ASSISTANCE SYSTEM
*A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of*
BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING

Submitted by

K. JYOTHI RAMANA KUMARI	16U45A0503
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CERTIFICATE

This is to certify that the Project work entitled "AUTOMATED HELP ASSISTANCE SYSTEM" is being submitted by K JYOTHI RAMANA KUMARI (16U+5A0503), V DIMPLE NAGA SIRISHA (15U+1A05C5), SAVITHRI SOY (15U+1A05H7), S MAHESH (15U+1A05A0), R TARUN (15U+1A05H3) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2017-18.

Mrs. K. KOMALI
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(PROJECT GUIDE)

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

SUPERMAN
SECURITY USING PRE-EXISTENCE
ROUTING FOR MOBILE AD HOC NETWORKS

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

PENTAKOTA JAYASREE	(15U41A0554)
FILLA NEHARIKA	(15U41A0560)
PERURI HIMA BINDU	(15U41A0558)
KALLURI PAVAN KUMAR	(15U41A0535)

Under the Esteemed Guidance of
Sri G.PUSHPA
Assistant Professor, Department of CSE



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CERTIFICATE

This is to certify that the Project work entitled "SECURITY USING PRE-EXISTING ROUTING FOR MOBILE ADHOC NETWORKS" is a being submitted by P.JAYASREE (15U41A0554) , P.NEHARIKA (15U41A0560) , P. HIMA BINDU (15U41A0558) , K. PAVAN KUMAR (15U41A0525) partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2019.

Sri G. PUSHPA
(ASSISTANT PROFESSOR)
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Dr. L. PRASANNAKUMAR
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EXTERNAL EXAMINER

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**ASTUDY ON MUNICIPAL SOLID WASTEMANAGEMENT IN
LOCAL SCENARIO OF ANAKAPALLE TOWN**

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

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

K.TULASI SAI	(16U45A0123)
A.JAGAN	(16U45A0130)
S.HAREESH	(16U45A0131)
V.SAI KUMAR	(16U45A0129)
O.RAMA KRUSHNAYYA	(15U41A0118)

Under the Esteemed Guidance of

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

CERTIFICATE

This is to certify that the project work entitled "A STUDY ON MUNICIPAL SOLID WASTE MANAGEMENT IN LOCAL SCENARIO OF ANAKAPALLE TOWN" that is being submitted by K. TILANI SAI (16U45A0123), S.HAREESH(16U45A0131),A.JAGANI(16U45A0130),V.SAIKUMAR(16U45A0129),O.RAMA KRUSHNAYYA(16U41A0118) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for CIVIL ENGINEERING during the academic year 2018-19.


Mr. B. SESHAGIRI RAO
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Mr. B. SESHAGIRI RAO
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Civil Engineering
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EXTERNAL EXAMINER

**AN EXPERIMENTAL STUDY ON FRESH & HARDENED
PROPERTIES OF M20 GRADE CONCRETE WITH PARTIAL
REPLACEMENT OF FINE AGGREGATE & CEMENT WITH
PLASTIC AND FLYASH RESPECTIVELY**

*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. GANA-SAI	(16U45A0112)
B. USHA SRI	(16U45A0103)
B. HAREESH	(16U45A0104)
B. LOVA RAJU	(15U41A0125)
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CERTIFICATE

This is to certify that the thesis entitled "AN EXPERIMENTAL STUDY ON FRESH & HARDENED PROPERTIES OF M20 GRADE CONCRETE WITH PARTIAL REPLACEMENT OF FINE AGGREGATE & CEMENT WITH PLASTIC AND FLYASH RESPECTIVELY" is being submitted by P. GANA SAI, B. USHA SRI, B. HAREESH, B. LOVA RAJU, K. BHARATH for the partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING during the academic year 2018-2019.

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EXTERNAL EXAMINER

**CHARACTERIZATION OF SEWAGE AND DESIGN OF
SEWAGE TREATMENT PLANT**

*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

K. DIVAKAR	16U45A0106
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Certificate

This is to certify that the Project Work entitled "CHARACTERIZATION OF SEWAGE AND DESIGN OF SEWAGE TREATMENT PLANT" That is being submitted by K. DIVAKAR (16U45A0106), B. ASHOK (16U45A0105), K. BHANU (15U41A0110), K. RAJESH (15U41A0114), D. HARISH (15U41A0131) 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.

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EXTERNAL EXAMINER

**AN EXPERIMENTAL STUDY ON LIGHTWEIGHT
CONCRETE WITH WASTE TIMBER**

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

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

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CERTIFICATE

This is to certify that the Project Work entitled "AN EXPERIMENTAL STUDY ON LIGHTWEIGHT CONCRETE WITH WASTE TIMBER" IS BEING SUBMITTED BY A SRAYANI(16U45A0102), P PAVAN(16U45A0114), RMAHESH (15U41A0119), MITHUN KRISHNAN (15U41A0116), O SAI RAMA KRISHNA (15U41A0107) 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.

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EXTERNAL EXAMINER

**A STUDY ON STRENGTH AND DURABILITY PROPERTIES
OF CONCRETE BY PARTIAL REPLACEMENT OF
AGGREGATES WITH CERAMIC TILES AND GRANITE
POWDER**

*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

K. KUSUMA RAMYATHA	(15U45A0113)
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CERTIFICATE

This is to certify that the Project work entitled "A STUDY ON STRENGTH AND DURABILITY PROPERTIES OF CONCRETE BY PARTIAL REPLACEMENT OF AGGREGATES WITH CERAMIC TILES AND GRANITE POWDER" is a being submitted by K.KUSUMA RAMYATHA (15U41A0113), N.VENKAT NARAYANA (16U45A0141), U.JOGESWAR SAI (15U45A0127), G.REVATHI (15U41A0108), in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for CIVIL ENGINEERING during the academic year 2018-19.

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Head of the Department
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EXTERNAL EXAMINER

**STRENGTHENING OF SOIL USING CHEMICAL
ADMIXTURES-A COMPARITIVE CASE STUDY**

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

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

B.VARAHALA MURTHY	(16U45A0138)
B.TRIVENI	(15U41A0104)
V.AASHRITH VARMA	(15U41A0122)
CH.USHA SRI	(16U45A0120)
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CERTIFICATE

This is to certify that the project work entitled "STRENGTHENING OF SOIL USING CHEMICAL ADDMIXTURE-A COMPARITIVE CASE STUDY" is a being submitted by B. VARAHALA MURTHY (16U45A0138), D.TRIVENI (15U41A0104), V. AASHRITH VARMA (15U41A0122), CH.USHA SRI (16U45A0120), B. PAVAN KUMAR (15U41A0126) in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY for civil engineering during academic year 2018-2019.

M. Guptha
Mr. M.R.V.S.G.GUPTHA
(ASST. PROFESSOR)
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B. Seshagiri Rao
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Head of the Department
Civil Engineering
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[Signature]
EXTERNAL EXAMINER

**EXPERIMENTAL STUDY ON GLASS FIBRE REINFORCED
CONCRETE WITH THE REPLACEMENT OF NATURAL
SAND WITH QUARRY ROCK DUST**

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

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

M. SAJ KUMAR	16U45A0109
CH. RAJAN RAJU	16U45A0132
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Under the Esteemed Guidance of

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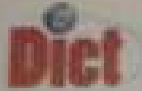
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CERTIFICATE

This is to certify that the Project Report entitled, "EXPERIMENTAL STUDY ON GLASS FIBRE REINFORCED CONCRETE WITH THE REPLACEMENT OF NATURAL SAND WITH QUARRY ROCK DUST" is being submitted by M.SAI KUMAR (16U45A0109), CH. RAJANRAJU (16U45A0132), K.MANOHAR (15U41A0112), N.GANESH (16U45A0128), A.RAHUL (15U41A0101) as partial fulfillment of the requirements for the award of degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to Jawaharlal Nehru Technological University - Kakinada is a record of bonafide work carried out by him in the year 2018-2019 under my guidance and supervision.

Ms. P. UNA
(Asst. Professor)
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Head of the Department
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EXTERNAL EXAMINER

**ENVIRONMENTAL IMPACT ASSESSMENT OF DADI
INSTITUTE OF ENGINEERING & TECHNOLOGY,
ANAKAPALLE**

*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

OM KUMAR	(15U41A0130)
A. RAMA LAKSHMI	(16U45A0136)
S. KRANTHI KUMAR	(16U45A0116)
E. MAHALAKSHMI NAIDU	(16U45A0134)
B. ROHITH KUMAR	(15U41A0103)

Under the Esteemed Guidance of

Mr. K. SANTHOSH

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CERTIFICATE

This is to certify that the Project work entitled "ENVIRONMENTAL IMPACT ASSESSMENT OF DADI INSTITUTE OF ENGINEERING & TECHNOLOGY, ANAKAPALLE" is a being submitted by OM KUMAR (15U41AU130), A.RAMA LAKSHMI (16U45A0136), S.KRANTHI KUMAR (16U45A0116), B.MAHALAXMI NAIDU (16U45A0134) & B. ROHITH KUMAR (15U41AD103) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for CIVIL ENGINEERING during the academic year 2018-19.

Mr. K. SANTHOSH

(ASST. PROFESSOR)

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Mr. B. SESHAGIRI RAO

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Head of the Department
Civil Engineering
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EXTERNAL EXAMINER

**EXPERIMENTAL STUDY ON IMPROVING THE
STRENGTH OF PERVIOUS CONCRETE BY USING
SUPER PLASTICIZER 60**

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

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

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P.PREM KUMAR	16U45A0113
B THARUN KIRAN	16U45A0137
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Assistant Professor, Department of civil Engineering



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This is to certify that the Project work entitled "EXPERIMENTAL STUDY ON IMPROVING THE STRENGTH OF PERVIOUS CONCRETE BY USING SUPER PLASTICIZER 60" is a being submitted by P.PRASAD (16U45A0126), K.RENUKA (16U41A0120), P.PRIYA KUMAR (16U45A0113), B.THARUN KUMAR (16U45A0137), CHSRI RAM (16U45A0133) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for CIVIL ENGINEERING during the academic year 2016-19.

Ms. CH. JYOSHNA
(ASSISTANT PROFESSOR)
(PROJECT GUIDE)

Sri. E. VENKAGIRI RAO
(ASSISTANT PROFESSOR)
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EXTERNAL EXAMINER

**EXPERIMENTAL STUDY ON BLACK COTTON SOIL
BRICKS BY USING FLYASH**

*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

N.MANJULA	16U45A0111
CH.RAJASEKHAR	16U45A0143
I.MANIKANTA	15U41A0109
B. RAJENDRA PATRUDU	15U41A0127
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NH-5, Anakapalle-533002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the project report entitled, "**EXPERIMENTAL STUDY ON BLACK COTTON SOIL BRICKS USING FLYASH**" is being Submitted By **N.MANJULA, CH.RAJASEKHAR, L.MANIKANTA, B.RAJENDRA PATRUDU, G.RAJA**. In partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING** during the academic year 2018-2019.

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Mr. B. SESHAGIRI RAO

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Head of the Department
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Anakapalle - 533002

EXTERNAL EXAMINER

**PROPERTIES OF SELF COMPACTING CONCRETE FOR M40
GRADE BY USING ADMIXTURES**

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

BACHELOR OF TECHNOLOGY

IN

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Submitted by

A. SANTHOSH KUMAR	16045A0101
M. KARTIK	16045A0125
S. MARTEENA LYDIA	15U41A0121
E. PRUDHVI SAMPATH SAI	15U41A0106
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NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the project work entitled "PROPERTIES OF SELF COMPACTING CONCRETE FOR M40 GRADE BY USING ADMIXTURES" is being submitted by * A.SANTHOSH KUMAR (16U45A0101), M.KANTIK (16U45A0125), S.MARTEENA LYDIA (15U41A0121), E.PRUDHVI SAMPATH SAI (15U41A0106), V.NARSING RAO (16U45A0117), for the fulfilment of the Degree of bachelor of technology in civil engineering to Jawaharlal Nehru Technological university- Kakinada is a record of benefited work carried out by them under my guidance and supervision.


Ms. V. Anvehu Mangamma
(ASSISTANT PROFESSOR)
(PROJECT GUIDE)


Mr. B. Sathagiri Rao
(ASSISTANT PROFESSOR)
(HEAD OF THE DEPARTMENT)

Head of the Department
Civil Engineering
Jad Institute of Engg. & Tech.
Anaparthi - 534 652


EXTERNAL EXAMINER

**EXPERIMENTAL STUDY ON SELF COMPACTING
CONCRETE USING MINERAL ADMIXTURES**

*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.RAMESH	(16U45A0122)
K.SRINIVASA RAO	(16U45A0129)
A.JOHAN	(15U41A0102)
M.CHANDRA SEKHAR	(15U41A0115)
R.POORNA CHANDU	(15U41A0128)

Under the esteemed guidance of

Mr. K. SANTHOSH

Asst. professor, Civil Department



DEPARTMENT OF CIVIL ENGINEERING

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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

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8B-5, Anakapalle-531002, Visakhapatnam, A.P.

2019



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

CERTIFICATE

This is to certify that the project entitled "EXPERIMENTAL STUDY ON SELF COMPACTING CONCRETE USING MINERAL ADMIXTURES" is being submitted by RAMESH GORLE (16U45A0122), K. SRINIVASA RAO (16U45A0139), A. JOHN (15U41A0102), M. CHANDRA SEKHAR (15U41A0115), R.POORNA CHANDU (15U41A0128) in partial fulfillment for the award of the Degree of Bachelor of Technology in Civil engineering during the academic year 2018-2019.

Mr. K. SANTHOSH

Asst. professor

(Project guide)

Mr. B. SESHAGIRI RAO

Asst. professor

(Head of the Civil Department)

Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech.
Anakapalle - 531 002

External Examiner

**STABILIZATION OF EXPANSIVE SOIL BY USING BAGGASE
ASH AND RICE HUSK ASH**

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

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

Submitted by

M.BALA KRISHNA	(16U45A0110)
K.RENUKA	(16U45A0108)
K.AYYAPA NAIDU	(16U45A0107)
V.S.LALITHAMBA	(15U41A0123)
D.VAMSI	(15U41A0105)

Under the Esteemed Guidance of

Mrs.B.RAMYA,

Assistant professor, Department of Civil



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{2019}




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

CERTIFICATE

This is to certify that the project work entitled "STABILIZATION OF EXPANSIVE SOIL BY USING BAGGASSE ASH AND RICE HUSK ASH" that is being submitted by "M.BALA KRISHNA (16U45A0110), K.RENEKA (16U45A0108), K.AYYAPANAIIDU (16U45A0107), V.S.LALITHRAMBA (15U41A0123), D.VAMSI (15U41A0105), 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.


Mrs. B. Ramya
Assistant Professor,
Project Guide.


B. Subbarati Ram
H.O.D Civil Engineering
DADI Institute of Engineering & Technology
Anakapalle - 531 002


External Examiner

**GPS BASED VEHICLE TRACKING SYSTEM USING
WI-FI MODULE**

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

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

K.BHARGAVI	16U45A0413
P.VISWATEJA	16U45A0422
M.ANUSHA	16U45A0425
K.LOVA GANGAMANI	16U45A0412
S.VASU DILIP	16U45A0426

Under the Esteemed Guidance of

Mr.K.S.N.V Someswara Rao, MTech.,

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2019



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

CERTIFICATE

This is to certify that project entitled "GPS BASED VEHICLE TRACKING SYSTEM USING WI-FI MODULE", being submitted by K.BHARGAVI, P.VISWA TEJA, MANUSHA, K.LOVA GANGA MANI, S.VASU DILIP bearing the Regd. No's:16U45A0413, 16U45A0422, 16U45A0425, 16U45A0412, 16U45A0426 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 project have not been submitted to any other University or Institute for the award of any degree or diploma.

Mr.K.S.N.V.Someswara Rao,

M.Tech,Assistant Professor

(PROJECT GUIDE)

Mr.K.Jogi Naidu,

Sr.Assistant Professor

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

**DESIGN OF A COMPACT METAMATERIAL MULTIBAND
ANTENNA FOR WLAN/WIMAX/ITU BAND 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

P.PARAMESWARA RAO	16U45A0419
R.JHANSI RANI	16U45A0424
B.JYOTHSNA	16U45A0435
Y.ANUSHA	16U45A0429
K.RAJA SEKHAR	16U45A0433

Under the Esteemed Guidance of

Mrs.P.POORNA PRIYA,M.Tech,(Ph.D)

Assistant Professor, Department of ECE



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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2019



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


CERTIFICATE

This is to certify that project entitled "DESIGN OF A COMPACT METAMATERIAL MULTIBAND ANTENNA FOR WLAN/WIMAX/ITU BAND APPLICATIONS", being submitted by P.PARAMESWARA RAO, R.JHANSI RANI, B.JYOTHSNA, Y.ANUSHA, K RAJA SEKHAR bearing Roll no: 16U45A0419, 16U45A0424, 16U45A0435, 16U45A0429, 16U45A0432 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.


Mrs. P. POORNA PRIYA
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(PROJECT GUIDE)


MR. K. JOGI NAIDU
(SR. ASSISTANT PROFESSOR)
(HEAD OF THE DEPARTMENT)


EXTERNAL EXAMINER

**DESIGN OF NEW LOW-POWER AND AREA EFFICIENT
FULL ADDER FOR ARITHMETIC 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

P. Santosh kumar	15U41A0432
G. Vaishnavi	15U41A0411
Y. Sri Latha	15U41A0448
M. Kasi Viswanadham	15U41A0427
S.S.V Chiranjeevi	15U41A0450

Under the Esteemed Guidance of

Mr. K. JOGI NAIDU

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This is to certify that project entitled " DESIGN OF NEW LOW-POWER AND AREA EFFICIENT FULL ADDER FOR ARITHMETIC APPLICATIONS ", being submitted by P. Santosh kumar (15U41A0432), G. Vaishnavi (15U41A0411), Y. Sri Latha (15U41A0448), M. Kani Viswanadham (15U41A0427), S S V Chiranjeevi (15U41A0480) 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 bonafied 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.

Mr. K. Jogi Naidu

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(PROJECT SUPERVISOR)

Mr. K. Jogi Naidu

(Assistant Professor of ECE)

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

**HARTLEY TRANSFORM BASED OFDM FOR
OPTICAL FIBER COMMUNICATION**

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

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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K.SHANMUKH SAI	16U45A0431
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CERTIFICATE

This is to certify that the Project work entitled "HARTLEY TRANSFORM BASED OFDM FOR OPTICAL FIBER COMMUNICATION" is a being submitted by P.SRAVANI, K.RAGADEEPIKA, M.K.L.SURYA KALA, K.SHANMUKH SAI, K.LOKESH in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION ENGINEERING during the academic year 2018-19.

Mr. S. SURESH KUMAR
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(PROJECT GUIDE)

Mr. K. JOGI NAIDU
ASSISTANT PROFESSOR
(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

MULTIFACETED ROBOT

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

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

G.VANI	16U45A0407
K.SOWMYA	16U45A0414
J.SUNITHA	16U45A0409
K.SHIVA	16U45A0410
P.H.K.S.N.D.S.KUMAR	16U45A0421
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2019



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CERTIFICATE

This is to certify that the project work entitled "MULTIFACETED ROBOT" is being submitted by :G.Vani(16U45A0407),K. Sowmya(16U45A0414), J.Sunitha (16U45A0409), K. Shiva (16U45A0410), P.H.K.S.N.D.S .Kumar (16U45A0421), K.Shyam ganesh (16U45A0438) 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 in a record of bonafied 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.


Mrs. D L Mythri

(Asst. Professor of ECE)
(PROJECT SUPERVISOR)


Mr. K Jogi Naidu

(Asst. Professor of ECE)
(HEAD OF THE DEPARTMENT)


EXTERNAL EXAMINER

**DESIGN OF NEW DOUBLE TAIL COMPARATOR
WITH LOW VOLTAGE LOW POWER AND AREA
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

P. SUSHMITA	15U41A0433
M. PRAVALLIKA	15U41A0426
D. ROHINI	15U41A0407
K. PREM KUMAR	15U41A0422
K. KRISHNAVENI	15U41A0413

Under the Esteemed Guidance of
Miss. Sheik Shabeena
Assistant Professor, Dept. of ECE



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

DECLARATION

CERTIFICATE

This is to certify that project entitled "DESIGN OF NEW DOUBLE TAIL COMPARATOR WITH LOW VOLTAGE LOW POWER AND AREA EFFICIENT", being submitted by P.SUSHMITA (15U41A0433), M.PRAVALLIKA (15U41A0426), D.ROHINI (15U41A0407), K.PREM KUMAR (15U41A0422), K.KRISHNAVENTI (15U41A0413) 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.

Miss. Sheik Shabeena

(Assistant Professor)

(PROJECT GUIDE)

Mr. K. Jogi Naidu

(Assistant Professor)

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

MULTIFACETED ROBOT

*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

P. Jayasree	16U45A0423
V. Vasudev	16U45A0428
L. Sai kumar	16U45A0416
K. Durga Nagmani	16U45A0433
A. Durga Prasad	16U45A0401

Under the Esteemed Guidance of

Mr. K. JOGI NAIDU

Assistant professor & HOD, Dept.of ECE



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CERTIFICATE

This is to certify that the project work entitled " MULTIFACETED ROBOT " is being submitted by P. JAYASREE, V. VASUDEV, L. SAI KUMAR, K. DURGA NAGAMANI, A. DURGA PRASAD in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS & COMMUNICATION ENGINEERING during the academic year 2018-19.

Mr. K. JOGI NAIDU
ASSISTANT PROFESSOR
(PROJECT GUIDE)

Mr. K. JOGI NAIDU
ASSISTANT PROFESSOR
(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

FIRE FIGHTING ROBOT

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

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

M.SAI CHARAN	{15U41A0430}
M.SHYAMALA	{15U41A0431}
S.PRIYANKA	{15U41A0440}
V.GOVINDA RAJU	{15U41A0447}
BUPINDER KAUR	{15U41A0452}

Under the Esteemed Guidance of

Ms.K.Suma

Assistant Professor, Department of ECE



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

CERTIFICATE

This is to certify that the Project work entitled "FIRE FIGHTING ROBOT" is a being submitted by M.SAI CHARAN (15U41A0430), M. SHYAMALA (15U41A0431), S.PRIYANKA (15U41A0440), V.GOVINDA RAJU (15U41A0447), BUPINDER KAUR (15U41A0452) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION & ENGINEERING during the academic year 2018-19.

Ms. K. Suma

(Assistant Professor of ECE)

(PROJECT GUIDE)

Mr. K. Jogi Naidu

Sr. Assistant Professor of ECE

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

MULTIFACETED ROBOT

*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

G JAGADEESH	(15U41A0410)
K V L DEVI	(15U41A0417)
CH MALATHI	(15U41A0405)
K REVATHI	(15U41A0414)
A LOCHAN	(15U41A0403)

Under the Esteemed Guidance of

Mrs. D L MYTHRI

Assistant professor, Dept.of ECE



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

CERTIFICATE

This is to certify that the project work entitled "MULTIFACETED ROBOT" is being submitted by G JAGADEESH (15U41A0410), K V L DEVI (15U41A0417), CH MALATHI (15U41A0405), K REVATHI (15U41A0417), A LOCHAN (15U41A0403) 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 bonafied 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.

Mrs. D L Mythri

(Asst. Professor of ECE)

(PROJECT SUPERVISOR)

Mr. K Jogi Naidu

(Asst. Professor of ECE)

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

FIRE FIGHTING ROBOT

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

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

K.KIRANMAYI	(15U41A0412)
M.BHARATHI	(15U41A0429)
K.PRUDHVI RAJ	(15U41A0420)
M.JYOTHI	(15U41A0425)
M.LIVINGSTON	(15U41A0428)

Under the Esteemed Guidance of

Mrs.B.T.ARCHANA

Assistant Professor, Department of ECE



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

2019



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

CERTIFICATE

This is to certify that the Project work entitled "FIRE FIGHTING ROBOT" is being submitted by K.KIRANMAYI (15U41A0412), M. BHARATHI (15U41A0425), K. PRUDHVI RAJ (15U41A0420), M. JYOTHI (15U41A0425), M. LIVINGSTON (15U41A0425) in partial fulfillment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION & ENGINEERING during the academic year 2018-19.

Mrs. B.T. Archana

Assistant Professor of ECE

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Mr. K Jogi Naidu

Sr. Assistant Professor of ECE

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

IMPLEMENTATION OF AREA EFFICIENT SRAM CELL

*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

K. SOWMYA	15U41A0415
M. LATA SRI	15U41A0423
M. GOWTHAMI	15U41A0424
R. YASODHA VANAJA	15U41A0439
V. JAYA CHANDRIKA	15U41A0445

Under the Esteemed Guidance of

Miss. Shrik Shabeena
Assistant Professor, Dept. of ECE



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National Highway -5, Anakapalle - 531002, Visakhapatnam Dist., A.P.

CERTIFICATE

This is to certify that project entitled "IMPLEMENTATION OF AREA EFFICIENT SRAM CELL", being submitted by K. SOWMYA (15U41A0415), M. LATA SRI (15U41A0423), M. GOWTHAMI (15U41A0424), R. YASODHA VANAJA (15U41A0439), V. JAYA CHANDRIKA (15U41A0445) 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.

Miss. Sheik Shabeena

(Assistant Professor)

(PROJECT GUIDE)

Mr. K. Jogi Naidu

(Assistant Professor)

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

**MEASUREMENT OF TEMPERATURE AND
RELATIVE HUMIDITY, DISPLAY OF SCROLLING
MESSAGE ON LED DISPLAY BY USING
BLUETOOTH INTERFACE WITH ARDUINO NANO**

*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

K. BHARGAVI	15U41A0419
Y. HEPSIBA	15U41A0449
G. SRI RAMYA	15U41A0451
P. TARUN KUMAR	15U45A0438
S. VARAHALU	15U45A0442

Under the Esteemed Guidance of
Mr. Mohammad Shaffi
Assistant Professor, Department Of E.C.E



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submitted by

CH.V.S.SOWMYA	15U41A0406
K.RENUKA	15U41A0416
B.LAXMI DEVI	15U41A0404
D.SUGUNA	15U41A0408
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This is to certify that project entitled "MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY, DISPLAY OF SCROLLING MESSAGE ON LED DISPLAY BY USING BLUETOOTH INTERFACE WITH ARDUINO NANO", being submitted by CH.V.S.SOWMYA (15U41A0406), K.RENUKA (15U41A0416), B.LAXMI DEVI (15U41A0404), D.SUGUNA (15U41A0408), A.KALYAN NARAYAN (15U41A0402) in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in ECE to the Jawaharlal Nehru Technological University Kakimada is a record of bonafide work carried out by him under my guidance and supervision.

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Mr. D. Ravi Nayak
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Mr. K. Jogi Naidu Assistant
Assistant Professor
(HEAD OF THE DEPARTMENT)



EXTERNAL EXAMINER

**PERFORMANCE ANALYSIS OF SRAM ARRAY
ARCHITECTURES**

*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

CH. JHANSI	16U45A0404
D. HEMA LATHA	16U45A0405
M. HARISH	16U45A0417
D.N.V.S. NOOKA RAJU	16U45A0406
A. SWATHI	16U45A0402

Under the Esteemed Guidance of

Mr. K. JOGI NAIDU

Assistant Professor & HOD, Department of ECE



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CERTIFICATE

This is to certify that the Project work entitled "PERFORMANCE ANALYSIS OF SRAM ARRAY ARCHITECTURES" is a being submitted by CH. JHANSI, D. HEMA LATHA, M. HARISH, D. N.V.S. NOOKA RAJU, A. SWATHI in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for ELECTRONICS AND COMMUNICATION ENGINEERING during the academic year 2018-19.

Mr. K. JOGI NAIDU
(ASSISTANT PROFESSOR)
(PROJECT GUIDE)

Mr. K. JOGI NAIDU
(ASSISTANT PROFESSOR)
(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

**MEASUREMENT OF TEMPERATURE AND
RELATIVE HUMIDITY, DISPLAY OF SCROLLING
MESSAGE ON LED DISPLAY BY USING
BLUETOOTH INTERFACE WITH ARDUINO NANO**

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

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

Submitted by

K.V.S.RAVI TEJA	15U41A0418
S.MARTEENA KEZIA	15U41A0443
P.ENEHA	15U41A0435
S.SAI DEEPU	15U45A0441
V.SHIVA KUMAR	15U45A0444

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Mr. Mohammad Shaffi
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CERTIFICATE

This is to certify that project entitled "MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY, DISPLAY OF SCROLLING MESSAGE ON LED DISPLAY BY USING BLUETOOTH INTERFACE WITH ARDUINO NANO", being submitted by K.V.S.RAVI TEJA (15U41A0418), S.MARTEENA KEZIA (15U41A0443), P.SNEHA (15U41A0435), S.SAI DEEPU (15U41A0441), V.SHIVAKUMAR (15U41A0444) 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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Mr. Mohammad Shaffi
Assistant Professor
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Mr. K. Jogi Naidu
Assistant Professor
(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

Industrial Visit for the Students of Civil Engineering, 8th February, 2019

As a part of Knowledge Enhancement and to gain practical knowledge, the Department of Civil Engineering of Dadi Institute of Engg & Technology organized Industrial Visit for the students of final year, to Ultra-Tech Cements PVT LTD, Visakhapatnam on 8th February, 2019



Students at ultra tech plant

The students learnt the latest and ongoing techniques in the field of Civil Engineering used in Cement Industries. The Cluster In-charge and the Sr.Engineer, Dr B.Ravikumar not only explained the latest equipment used in the Industry but also demonstrated the instruments that were used in manufacturing process. Students were briefed by the engineers of the plant to get a good idea of the gigantic equipment used in the Batch Processing. The students were also shown the software used by the engineers to monitor and execute the controls in the industry. The students thanked the Engineers of Ultra-Tech PVT LTD, Dr.Ch.S.Naga Prasad, Principal of the College, Mr. Seshagiri Rao, HOD, Civil Engineering, Ms.K.A.Manga, Sr Asst Prof of Civil Engg for organizing the visit.

LIST OF STUDENTS WHO ATTENDED THE FIELD TRIP

1	17U41A0101
2	17U41A0102
3	17U41A0103
4	17U41A0105
5	17U41A0107

6	17U41A0108
7	17U41A0109
8	17U41A0110
9	18U45A0101
10	18U45A0102
11	18U45A0103
12	18U45A0104
13	18U45A0105
14	18U45A0106
15	18U45A0107
16	18U45A0108
17	18U45A0109
18	18U45A0110
19	18U45A0111
20	18U45A0112
21	18U45A0113
22	18U45A0114
23	18U45A0115
24	18U45A0116
25	18U45A0117
26	18U45A0118
27	18U45A0119
28	18U45A0120
29	18U45A0121
30	18U45A0122
31	18U45A0123
32	18U45A0125
33	18U45A0126
34	18U45A0127
35	18U45A0128
36	18U45A0129
37	18U45A0131
38	18U45A0132

39	18U45A0133
40	18U45A0135
41	18U45A0136
42	18U45A0137
43	18U45A0138
44	18U45A0139
45	18U45A0141
46	18U45A0142
47	18U45A0143
48	18U45A0144
49	18U45A0145
50	18U45A0146
51	18U45A0147
52	18U45A0148
53	18U45A0149
54	18U45A0150
55	18U45A0151



Students interacting with staff at cement plant



A THREE DAY WORKSHOP ON NI LAB VIEW (APITA)

A Three Day Workshop on NI Lab VIEW was conducted to the final year students of ECE at DIET in association with APITA from on 15th to 18th of September, 2018. The resource person, Syed Ahamed Raza Saqqaf explained the basics of NI Lab VIEW to the students. The students thanked for providing awareness on the topics like Lab VIEW Environment, Exploring Lab VIEW, Introduction of Data types, Hands on numeric data type. The post lunch session was headed by the resource person, Mr. Prakash. He briefed the topics - Boolean Data Type, String Data type, Tunnel mode to the students.



Syed Ahamed Raza Saqqaf interacting with students

TWO DAY WORKSHOP ON ANDROID – DCBA 2K18 CHALLENGE

The Dept. of CSE organized a two day workshop on Android as a part of DIET Creative Buddy App challenge 2K18 from 24th to 25th August,2018, Resource Persons - Mr. Venkatapati Raju, Mr. Prahlad and Ms. Sai Keerthana provided the necessary inputs for the budding Engineers to design apps. The Mentors applauded the Principal, Head of the Department, CSE for motivating the creativity of the students. The students thanked the Management and the Principal for providing an opportunity to showcase their knowledge and skills.



Mr. Venkatapati Raju conducting workshop in computer lab

A SIX DAY WORKSHOP ON EMBEDDED SYSTEMS & SCI LABS

The Dept. of EEE of DIET in association with Andhra Pradesh State Skill Development Corporation conducted a six day workshop on Embedded Systems & SCI labs from 16th July to 21st July 2018. The resource person, Sri G. Chandra Sekhar, APSSDC trained the students on the role of SCI labs in Design and analysis of circuits. Sri G. Satyanarayana, Divisional Electrical Engineer, APEPDCL awarded Certificates to the students on successful completion of the workshop during valedictory ceremony.



APEPDCL DEE Sri G. Satyanarayana interacting with students

A SIX DAY WORKSHOP ON MENTOR GRAPHICS TOOL

Dadi Institute of Engineering & Technology, Visakhapatnam in association with IETE organized a Six-Day workshop for the students of ECE III & IV Year B. Tech on MENTOR GRAPHICS TOOL from 18th - 23rd JUNE 2018. The workshop not only enhanced but also strengthened the skills among the students in Full-Custom Design Methodology using Mentor Graphics. The students were able to gain knowledge on layouts, design and simulation. Prof P. Mallikarjuna Rao, Chairman IETE Visakhapatnam Center, Sri V. Uma Maheshwara Rao, Registrar, Andhra University graced the event on the first day as Chief Guest and Guest of Honour respectively. Chief Guest Shri V. Uma Maheshwara Rao, Registrar, Andhra University Inaugurating the Six-Day workshop on MENTOR GRAPHICS by Lighting the Lamp. The workshop enlightened & enriched the skill sets of the students in the field of Graphical designing. The mentors of the workshop applauded the students for their active participation and also appreciated the Management of the college for providing the required inputs to conduct the workshop effectively.



SIX DAY WORKSHOP ON "REVIT STRUCTURES"

Department of Civil Engineering organized a six day workshop on "REVIT STRUCTURES" in association with Andhra Pradesh State Skill Development Corporation (APSSDC) under CM Skill Excellence centre during 25-02-2019 to 02-03-2019. The Workshop not only enhanced but also strengthened the skills among the students in Building Analysis and Designing in the field of Civil Engineering. The trainer explained the applications of the software. They also demonstrated the practical applications in designing. The students could build many models by using the application. The students were applauded for their active participation in the workshop. The Resource Person, Sri S Kanya Kumaridetailed the basics of Revit Structure to the Participants. The students were also guided by the Workshop Conveners- Mr.RVGSS Gupta, Mrs.S.Ramya, Asst Prof of Civil Engineering. The Resource Person also elucidated the rapid developments brought by Revit in the fields of architecture design, drafting and modeling processes by accomplishing substantial improvements in precision and efficiency. The students sketched out reinforcement details, made changes to the standard set of building designs. The students clarified the environmental benefits of the program as well energy modeling and environmental responsiveness. The students received course completion certificate. The resource persons were felicitated by the Principal of the College, Dr Ch.S.Naga Prasad and Head of the Department, Civil Engineering, Mr. B.Seshagiri Rao. All the Heads of the Departments, Vice Principal, Faculty members, students participated in the valedictory function.



Civil HOD Mr. Seshagiri addressing the students



Certificate distribution by Principal Mr. Naga Prasad

A SIX DAY WORKSHOP ON GAMIFICATION with AR&VR Build box

The Department of CSE, Dadi Institute of Engineering & Technology in association with Andhra Pradesh State Skill Development Centre organized a Six Days Workshop on - "Gamification with AR&VR Buildbox" from 18th to 24th Dec 2018. augmented reality. They were briefed to build games in a safe and hazard free environment. By the end of the workshop, the students gained practical experience to build apps with the tools. The students were tested by an assessment on the last day of the workshop. All the participants were given certificates. They were appreciated for active participation in the workshop. Prof. Dr. Ch.S. Naga Prasad, Principal, Prof. Dr. L. Prasanna Kumar, HoD, CSE, APSSDC Resource Persons - Sri Harish Kumar & Sri Satish Kumar, trainers from APSSDC staff and students participated .



A SIX DAY WORKSHOP on REVIT ARCHITECTURE

The Department of CIVIL Engineering of DIET in association with Andhra Pradesh State Soft Skills Development conducted a one week workshop for the final year Civil Engineering students on Revit Architecture from 27th August to 1st September, 2018. The resource person, Sri Sri S Kanya Kumari, APSSDC trained and gave an insight about Revit Architecture to the students. Dr O. Rama Mohan Rao, DGM, Vizag Steel Plant & Chair, IEI Vizag Chapter, awarded Certificates for the students on successful completion of the workshop during valedictory ceremony.



IEEE Xtreme 12.0

The global event-IEEE Xtreme was conducted in DIET on 20th and 21st October, 2018. Twenty eight teams participated in the 24 hours event to solve a set of programming problems. One of the teams secured a score of 131.6 with an all India rank of 164. The Students thanked the Procter, Faculty members and the Management for providing a platform to prove their mettle.



Guest Lecture on Machine Learning

"Machine Learning and its Applications" to the students of III & IV Year, Computer Science Engineering by Dr. Ch. Bindu Madhuri, JNTUK, Vizianagaram, in Seminar Hall-1 (AC) on 17th September, 2018. She enlightened the students on the latest trends in technology with respect to Machine learning.



Dr. Ch. Bindu Madhuri, Asst. Prof. JNTU, VZM

Faraday Memorial Distinguished Talk-2k18

The Department of Electrical & Electronics Engineering in association with DIET - IEEE Student Branch organized a Guest lecture on 22nd September, 2018. Dr. Basam Venkat Rao, Scientist D, NSTL, was the Resource Person of the event. The students were briefed on the latest ongoing research areas in the field of electrical and electronics engineering .



Dr. Basam Venkatarao, Scientist-D, NSTL

Innovation, IPR and Entrepreneur Development awareness session

The R&D Centre of DIET in association with National Research Development Corporation, New Delhi organized a Seminar on Innovation, IPR & Entrepreneur Development on 9th Mar 2019 in Seminar Hall-1 (AC). The Resource Person, Dr. B.K. Sahu, Regional Manager, NRDC addressed the faculty members and students of the college. Dr B.K.Sahu emphasized on the importance of intellectual property rights specifically in the area of Science & Technology. He also described the support offered by the government in Patents filing and processing. Dr B.K.Sahu also motivated the students and faculty members to think innovatively in their respective fields of engineering. He further explained the difference between Copyright, Patent and Trademark.



Dr. B.K. Sahu, Regional Manager, NRDC addressing students

Interactive Session on Banking Sector Innovations

The Department of MBA conducted an interactive session on the Innovations of Banking Sector. The Chief Guest of the event, Sri. Avijit Saha, Sr General Manager & National Business Head, ICICI Bank emphasized on the topics New Business Ecosystem, Workforce Empowerment & Behavior and Wallets & Payments. The students not only participated enthusiastically but also clarified the doubts on challenges of digitalization



Sri. Avijit Saha, National Business Head, ICICI Bank

A talk on Industrial Automation

Engineering celebrates Departmental Day every year on 12th December in the memory of Robert Norton Noyce's on his Birthday. The Chief Guest Sri V.V. Murali Krishna, Automation Design Engineer (AGM), Steel plant, Visakhapatnam graced the event. On this occasion, Sri V.V. Murali Krishna lectured on the topic Industrial Automation- Applications in Electronics



Sri. V.V. Murali Krishna, AGM, Vizag Steel Plant

Lecture on Skill Development

Sri A. Narayana Swamy, Senior Manager, Krishnapatnam Port Pvt Ltd, Sri Niranjan Prabhu, Academy Principal, Port Trust Skill, delivered lecture on various Skill Programs and the benefits of acquiring Skills in getting various placements, on 18th Mar 2019 in Seminar Hall-1 (AC). They have insisted that skill development alone will ensure placements to the students in the current scenario. Placement Officer Dr. Om Namasivaya thanked the speakers for enlightening the students.



Sri. A. Narayana Swamy, Sr. Manager Krishnapatnam Port

Motivational session by Mr Satish Valiveti

It was organized by the DIET on 27th Jun 18 for all the fresh inducts of Engineering & Diploma. Mr Satish Valiveti, CEO, Advanced Minds, Visakhapatnam gave live interactive session which aroused the spirits of self-confidence and belief in the minds of the students



VOTE OUR WEAPON (VOW)

On 25th January, 2019 NSS unit organized voter enrollment program as part of National Voters day. It was a huge success as nearly 450 plus students who attained 18 years of age have enrolled as voters. Chairman Sri Dadi Ratnakar has referred Vote as a weapon and asked students to utilize it in the right manner to elect peoples representatives.



SWACHH BHARAT

To maintain cleanliness and pioussness of the living environment, The Department of CIVIL Engineering, took initiation to clean Sir Mokshagundam CIV Block on 17th Jul 2018 in the Campus. Prof Dr Ch.S. Naga Prasad, Principal, Prof. Dr. K. Hari Krishna, HoD, CIV, Mr. P.V. Murali, NSS Officer, staff and students took part in the programme.



HEALTH AWARENESS CAMPAIGN

NSS UNIT on 8th September, 2018 organized a Health Awareness session on Cardio Vascular diseases by inviting Sr. Consultant Interventional Cardiologist, Apollo Hospitals, Visakhapatnam. Dr. D.K. Barauh threw light on various issues like Cardio Vascular System, significance of diet, importance of exercise to lead a healthy living.



Dr. D.K. Barauh addressing students 000

HUMAN RIGHTS DAY

NSS Unit organized Human rights awareness session by inviting an eminent academician, scholar and social activist Sri Naga Trinadh Burra. He informed the need of protecting ones rights and emphasized that Human rights declaration establishes the equal dignity and worth of every person. Principal Dr. Ch.S.Naga Prasad, Vice Principal, all the Heads of the Departments, Faculty members, and students of I B.Tech participated in the event.



Activist Sri Naga Trinadh Burra addressing students

CYCLE RALLY IN SUPPORT TO APSPF INITIATIVE

DIET NSS UNIT invited the APSPF (Andhra Pradesh Special Protection Force) team on 4th Jan 2019 to the Campus as a part of campaigning the message - "To build Non-Polluted Environment for the Next Generation". Sri B.K.S. Raju, Incharge Commandant, APSPF, Sri B.V. Rami Reddy, D.I.G., Sri K. Sudhakara Rao, D.S.P., Sri V. Ramu, C.I., Sri Mahesh, S.I., Sri Ram Prakasa Rao, S.I., and APSPF Staff attended the Meeting on 4th Jan 2019 at the Open Dias, DIET Grounds. Sri Dadi Ratnakar, Hon'ble Chairman, participated in the Cycle Rally to support the Initiative of APSPF. Prof. Dr. Ch.S. Naga Prasad, Principal, Prof. Dr. K.S. Eswara Rao, Vice Principal, HoDs, Staff and Students participated in the Cycle Rally from DIET to Koppaka.



WORLD CANCER AWARENESS PROGRAM

The NSS Unit of the college conducted an awareness program on World Cancer Day- 4th February, 2019 in Seminar Hall I (A.C). The Chief Guest, Rtn. Dr. K.Rammohan Rao Spoke about Cancer and its types. At the end of the program, NSS Volunteers distributed pamphlets on diet to be taken to be healthy.



Dr. K.Rammohan Rao speaking with students about Cancer and its type

ROAD SAFETY AWARENESS programme

NSS unit of the College celebrated 30th Road Safety Awareness Day program on February 5th 2019 to show a SAFE WAY to our society. The Chief Guest Sri R. Ch. Srinivas Rao In charge RTO shared his experiences about road accidents. He appreciated the students for their active participation. Motor Vehicle Inspectors Sri M. Vengopal, Mrs. Usha also participated.



Police officials interacting with students

APSPF environmental awareness programme -2019

The NSS Unit of DIET organized an interactive session on 22nd February 2019 at Seminar Hall I (A.C). The Chief Guest Sri M. PRATAP, Director General of APSPF emphasized on environmental protection. Further, he also threw light on importance of Physical Fitness, Pollution control measures etc. He applauded the students and staff for participating in the Cycle Rally.



Additional DGP interacting with students

Women Health Awareness Programme

Women Empowerment Cell of the college organized Women Health Awareness Programme on 11th Dec 2018 . Dr. Sailaja, Gynecologist, Govt Hospital, Vizag, was the Chief Guest of the event. She created awareness for all the women faculty members and girl students to protect their health and immunity. During the session she explained the importance of personal hygiene. Further, emphasized the need of taking good food to maintain good health. The event was coordinated by Mrs. G.Sujatha, Convener DIET ICC



Dr. Sailaja, Gynecologist, Govt Hospital, Vizag

Participative learning: Student seminar



Student's technical and presentational skills are assessed by faculty

Participative learning: Student seminar

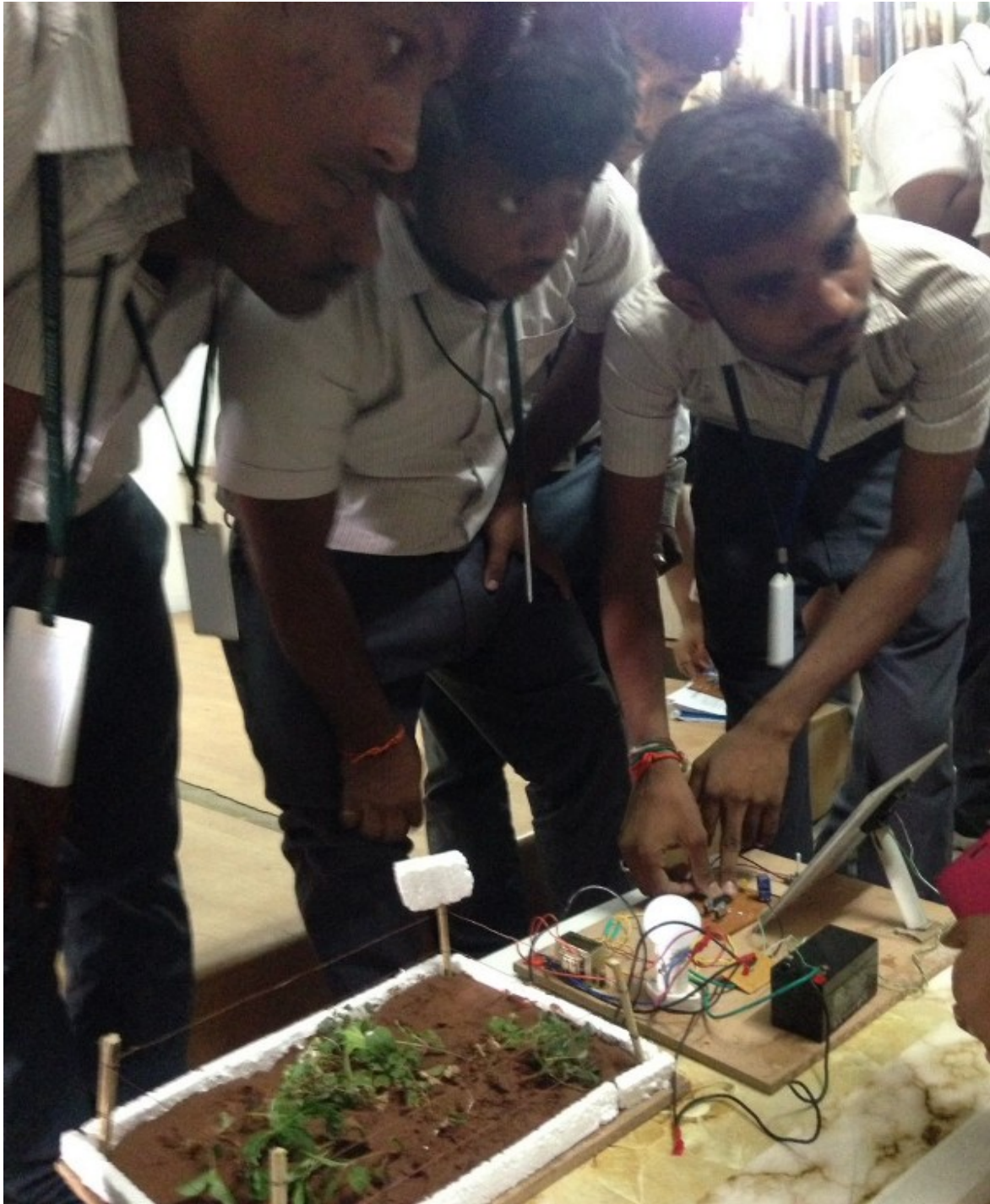


Student seminar in classroom





Experiential learning through execution of project



Experiential learning through execution of project

Participative learning : Student seminar



Student seminar conducted by Mr.K.Vijay Kumar

Role play : student interviews



Student group discussions



Student peer discussions



Student peer discussions



Student peer learning sessions conducted by Mr.Ramesh babu

ROLE PLAY: STUDENT TECHNICAL INTERVIEWS



ROLE PLAY: STUDENT TECHNICAL INTERVIEWS



MBA STUDENTS BUSINESS ACTIVITY



Principals
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