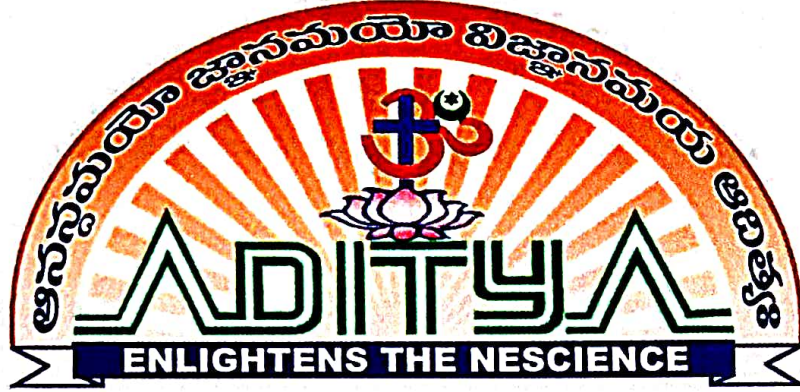


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Surampalem-533 437.



Certificate

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Abhisekh Anand
PROJECT GUIDE

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M. TECH
Assistant Professor

Rajrsh Murari
HEAD OF THE DEPARTMENT

MR. RAJRSH MURARI
M. TECH (PH. D)
Assistant Professor

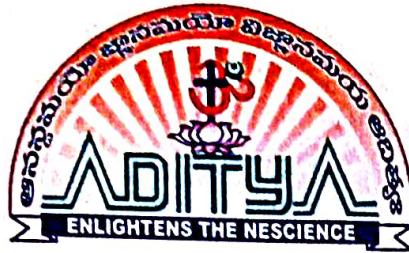
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CERTIFICATE

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



This is to certify that the project entitled “Optimal Allocation of DGs and AVR_s in Radial Distribution Networks Using Harmonic Search Algorithm” that is being submitted by K. SIVAKRISHNA (17P31A0215), K.SURESH(18P35A0218),M.PAVAN(18P35A0223),M.NAVEE N KUMAR (18P35A0225) in fulfilment of the requirements for the award of degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING, Aditya College of Engineering and Technology, Surampalem.


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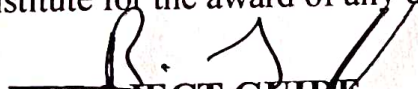
CERTIFICATE

This is to certify that the thesis entitled “**DUAL AXIS SOLAR TRACKING SYSTEM USING ARDUINO**” being submitted by

Ms. A. SWAMY SATHYA VIJAYA LAKSHMI	-17P31A0202
Ms. A. REVATHI	-17P31A0201
Mr. N. BOBBY	-18P35A0228
Mr. T. SAI SANTHOSH KUMAR	-18P35A0235
Mr. G. VIJAYA KUMAR	-18P35A0210

in partial fulfillment of the requirements for the award of degree of **B. Tech** in Electrical and Electronics Engineering from **Jawaharlal Nehru Technological University Kakinada** is a record of bonafide work carried out by them at Aditya college of engineering and technology

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

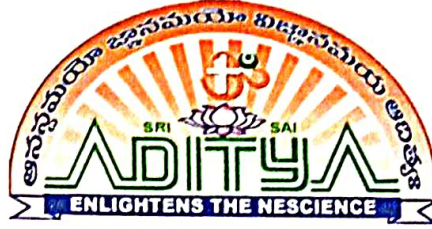

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Assistant Professor


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CERTIFICATE

This is to certify that the thesis entitled “**DEVELOPMENT OF A BIDIRECTIONAL DC/DC CONVERTER WITH DUAL-BATTERY ENERGY STORAGE FOR HYBRID ELECTRIC VEHICLE SYSTEM**” is being submitted by

CH. VNS. JYOTHI	-	18P35A0248
O.S.S. DAKSHIN	-	17P31A0222
K. GIRIDHAR	-	18P35A0268
S. GOPAL	-	18P35A0275

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This is to certify that project report entitled "MITIGATION OF VOLTAGE SAG AND SWELL USING DYNAMIC VOLTAGE RESTORER" is being submitted by

L.SHIRISHA	17P31A0219
K.J.V.S.S KUMAR	18P35A0262
M.R.KRISHNA	17P31A0221
CH.D.KALYANRAM	18P35A0250

in fullfilment of the requirement for the award of degree in the
Department of **Electrical and Electronics Engineering**,
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CERTIFICATE



This is to certify that project report entitled "AUTOMATED COVID TEMPERATURE BASED GATE OPENING AND VISITOR COUNTER SYSTEM" is being submitted

by

G.CH.SAI MANIKANTA	18P35A0258
G. LEELA ABHIRAM	18P35A0257
S.J. VENKATA ARAVIND	18P35A0276
N. SUMAN RAJU	18P35A0270
A. VARA PRASAD	17P35A0201

in the partial fulfilment of the requirements for the award of degree of the Bachelor of Technology in Electrical and Electronics Engineering, during the academic year of 2017-2021. The results of embodied in this project report have not been submitted to any other institute or university for the award of any degree.


Project Guide

Mr.S. REDDY RAMESH M.Tech

Assistant Professor


Head of the Department

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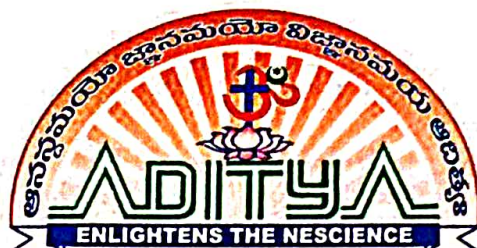
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Head of the Department

Mr. RAJESH MURARI M.Tech Ph.D

Associate Professor

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CERTIFICATE



This is to certify that project report entitled **"VLSI DESIGN OF FIXED WIDTH BOOTH MULTIPLIER USING MULTILEVEL CONDITIONAL PROBABILITY"** is being submitted by

N. SRI VENKATA BHASKAR	18P35A0229
K. SAI PRAKASH	18P35A0215
K. GANESH SAI REDDY	18P35A0213
S. CHANDRA SHEKHAR	18P35A0234

in the partial fulfilment of the requirements for the award of degree of the **Bachelor of Technology in Electrical and Electronics Engineering**. It is the record of bonafide work carried out by them under the esteemed guidance and supervision of **Mr. S. Reddy Ramesh, M.Tech.** Assistant Professor.


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Surampalem, ADB Road, East Godavari Dist., Andhra Pradesh

(2017-2021)

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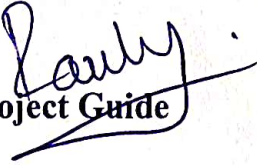
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Project Guide

Mr. K.R.K.V. PRASAD
M.TECH (Ph.D.)

Associate Professor


Head of the Department

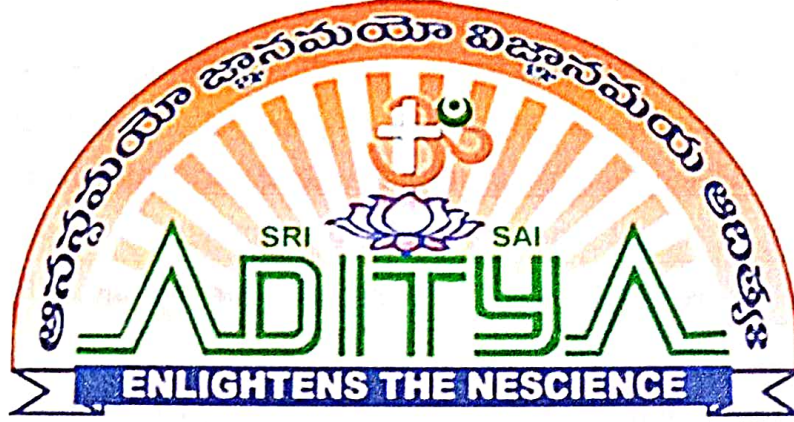
Mr. RAJESH MURARI
M. Tech, (Ph.D.)

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M.R.KRISHNA **17P31A0221**

CH.D.KALYANRAM **18P35A0250**

in fullfilment of the requirement for the award of degree in the
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ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

Abhisekh Anand
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Head of the Department

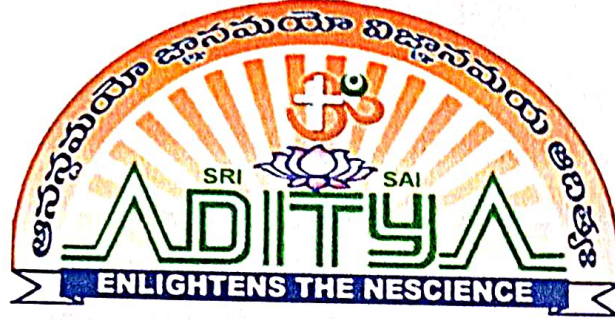
Mr ABHISEKH ANAND M.Tech

Mr.RAJESH MURARI M.Tech.,(Ph.D)

Assistant Professor

Associate Professor

CERTIFICATE



This is to certify that project report entitled "AUTONOMOUS POWER MANAGEMENT FOR INTERLINKED AC-DC MICRO GRIDS" is being submitted by

BURREY UMA NEERAJ	18P35A0249
TANAKALA NAVEEN KUMAR	18P35A0278
EMANDHI SRINIVAS	18P35A0254
KOPPIREDDI HARISH	18P35A0267
KOPPANA SAI KRISHNA	17P31A0218

in the partial fulfilment of the requirements for the award of degree of the **Bachelor of Technology in Electrical and Electronics Engineering**. It is the record of bona fide work carried out by them under the esteemed guidance and supervision of **Miss. V. U. P. LAVANYA M.Tech., Assistant Professor.**


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Head of the Department

Mr. M. Rajesh Murari M. Tech.,(Ph.D)

Associate Professor

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SURAMPALEM, GANDEPALLI MANDAL – 533295(A.P)

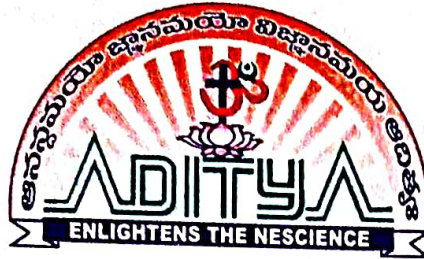
2017-2021

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



This is to certify that the project entitled “PV SOLAR SYSTEM CONTROL AS STATCOM (PV-STATCOM) FOR POWER OSCILLATION DAMPING ” that is being submitted by CH.V.V.SATHISH(18P35A0206), CH.AKHIL REDDY(18P35A0207), A.PAVAN MAHESH(18P35A0202), B.L.K.M.S.GANESH (17P31A0205) in fulfilment of the requirements for the award of degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING, Aditya College of Engineering and Technology, Surampalem.

V.U.P. Lavanya
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M.Tech

Assistant Professor

Head of the Department

Mr. RAJESH MURARI
M. Tech, (Ph.D.)

Associate Professor

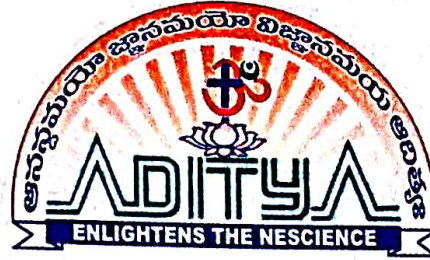
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Mr. K.R.K.V. PRASAD
M.Tech (Ph.D)

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Head of the Department

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



This is to certify that the project report entitled “A NOVEL SINGLE STAGE SINGLE PHASE RECONFIGURABLE INVERTER TOPOLOGY FOR A SOLAR POWERED HYBRID AC/DC HOME” being submitted by

P. VEERENDRA SAINATH	18P35A0232
M. NANI	18P35A0222
V. S.S. DILEEP KUMAR	18P35A0238
Y. RAJENDRA	18P35A0239

In the partial fulfillment of the requirement for the award of the degree of **Bachelor of Technology** in **Electrical and Electronics Engineering** from Aditya college of engineering and technology. It is the record of Bonafide work, carried out by them at Aditya College of Engineering and Technology

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Miss. K. PRABHA RANI

M.Tech

Assistant Professor

Head of the Department

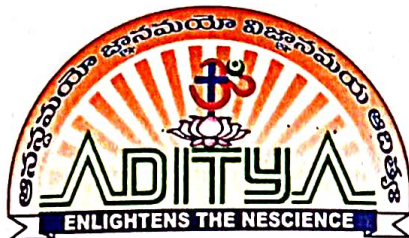
Mr. RAJESH MURARI

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Miss. K. PRABHA RANI 26/7/2021

M.Tech

Assistant Professor

Head of the Department

Mr. RAJESH MURARI

M.Tech,(Ph.D)

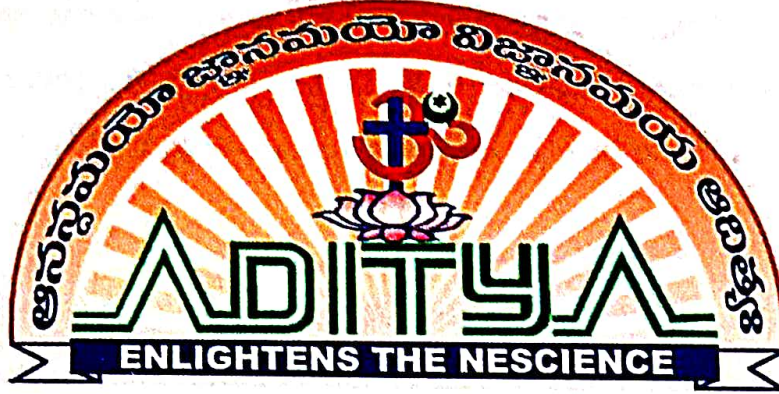
Associate Professor

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