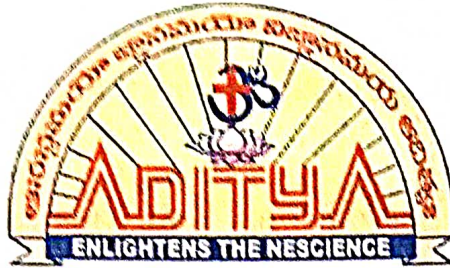


# CERTIFICATE



This is to certify that the main project entitled "Excitation Synchronous Wind Power Generators with Maximum Power Tracking Scheme" being submitted by

**G.NANI VIJAYA VEERA DEVARA**

**15P35A0215**

**P.VEERA SUBRAHMANYAM**

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In partial fulfillment of the requirement for the award of the degree of the **Bachelor of Technology in Electrical and Electronics Engineering**. It is record of bonified work carried out by them under esteemed guidance and supervision of **Mr.M.Rajesh**

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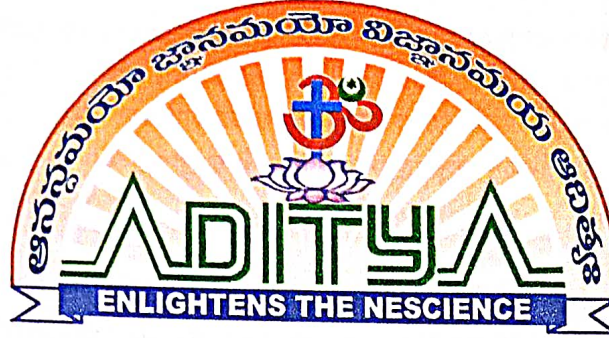
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This is to certify that the thesis entitled " **solar pv Stand-Alone Water Pumping System by employing PMSM Drive**" is being submitted by

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in partial fulfilment for the award of Btech degree in Electrical & Electronics Enginneering from **Jawaharlal Nehru Technological University Kakinada** is a record of bonafide work carried out by him at Aditya College Of Engineering & Technology

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

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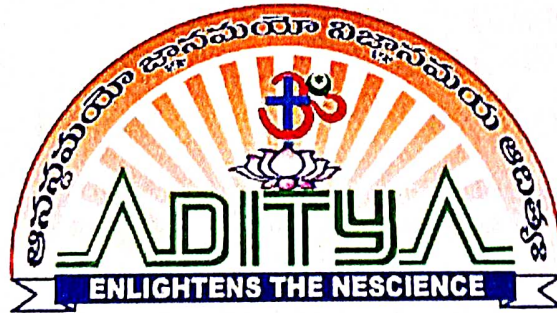
A  
Project Report On  
**NEWTON DOWNHILL ALGORITHM FOR DISTRIBUTION  
POWER FLOW ANALYSIS**

*Submitted in partial fulfillment of the requirements for the award of the degree of*

**BACHELOR OF TECHNOLOGY**  
In  
**ELECTRICAL AND ELECTRONICS ENGINEERING**  
By

S.NARAYANA MURTHY	15P35A0239
K.PAVAN KUMAR	14P31A0217
M.CHAKRADHAR	14P31A0205
A.SURYA VAMSI	14P31A0219
P.ADITYA VARMA	15P35A0233

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## CERTIFICATE

This is to certify that the main project entitled "AN ENHANCED GRID CURRENT COMPENSATOR FOR GRID-CONNECTED DISTRIBUTED GENERATION UNDER NONLINEAR LOADS AND GRID VOLTAGE DISTORTIONS" is a being submitted by

AKASH DEBNATH

14P31A0201

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K.S.V. ARJUN

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Submitted in partial fulfilment of the requirement for the award of the degree of the Bachelor of Technology in Electrical and Electronics Engineering, during the academic year 2014-2018. The results embodied in this project report have not been submitted to any other institute or university for the award of any degree.

  
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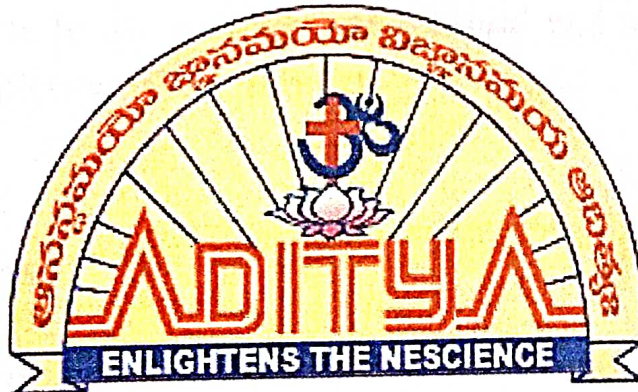
  
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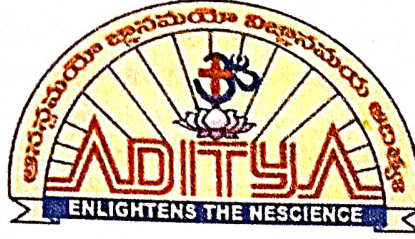
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**ADITYA NAGAR, ADB ROAD, SIRAMPALEM-533437**

**2014-2018**



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This is to certify that the main project entitled **PREDICTIVE CURRENT CONTRPL METHOD FOR RENEWABLE POWER GENERATION SYSTEMS** being submitted by

Name	Roll No
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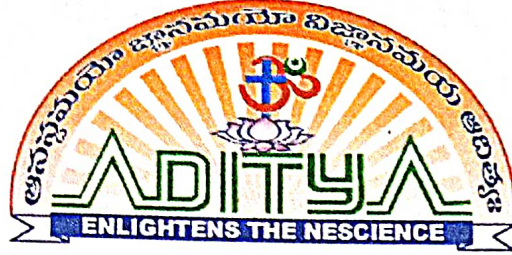
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**ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY**

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Aditya Nagar, ADB Road, Surampalem, E.G .Dist.

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## CERTIFICATE



This is to certify that the main project report entitled "DESIGN AND ANALYSIS OF ELECTRICAL SOLAR VEHICLE" being submitted by

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P.S.H.VAMSI	14P31A0224
R.NAVEEN	15P35A0235
S.SIVA	15P35A0240

In partial fulfilment of requirement for the award of Bachelor of Technology degree in Electrical and Electronics Engineering, during the academic year 2014-2018. The Results embodied in this project report have not been submitted to any other institute or university for the award of any degree or diploma

  
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CH.VEERRAJU	15P35A0211

In partial fulfilment of requirement for the award of Bachelor of Technology degree in Electrical and Electronics Engineering, during the academic year 2014-2018. The Results embodied in this project report have not been submitted to any other institute or university for the award of any degree or diploma

*K. Durga Prasad*  
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Associate Professor  
SURAMPalem-533 437

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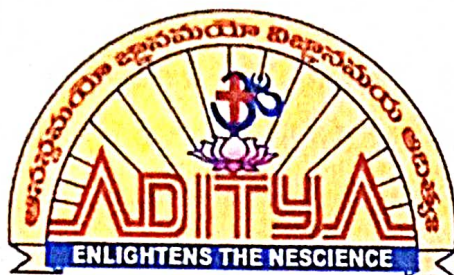
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AND ELECTRONICS ENGINEERING**

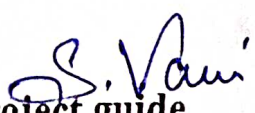



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This is to certify that the main project entitled **“DESIGNING BOOST CONVERTER WITH VOLTAGE MONITORING USING MICROCONTROLLER** “being submitted by

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V. NAGESH	15P35A0244
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This is to certify that the main project entitled “An Ultracapacitor Integrated Power Conditioner for Intermittency Smoothing and Improving Power Quality of Distribution Grid” being submitted by

Name	Roll No
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<b>B.SUDHEER</b>	<b>15P35A0206</b>
<b>L.PHANEENDRA</b>	<b>14P31A0234</b>
<b>R.HARISH</b>	<b>14P31A0218</b>
<b>G.RAGHAVA</b>	<b>14P31A0211</b>

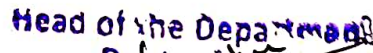
In partial fulfillment of the requirement for the award of the degree of the **Bachelor of Technology in Electrical and Electronics Engineering**. It is record of bonafide work carried out by them under esteemed guidance and supervision of **Mr.S. REDDY RAMESH**

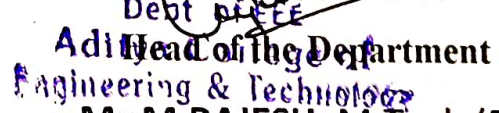


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Head of the Department

  
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2014-2018

## CERTIFICATE



This is to certify that the project entitled “AN IMPROVED HYBRID DSTATCOM TOPOLOGY TO COMPENSATE REACTIVE AND NON-LINEAR LOADS” being submitted by

R.SAI AKHIL	15P35A0236
G.S.S.NAGESH BABU	14P31A0210
A.PREM KUMAR	15P35A0202
J.LAKSHMANA RAO	15P35A0217
B.ANIL	13P31A0205

In partial fulfilment of the requirement for the award of the degree of the **Bachelor of Technology in Electrical and Electronics Engineering**. It is record of bonified work carried out by them under esteemed guidance and supervision of **Mr.M.P.Subbaraju**.

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Assistant Professor

### HEAD OF THE DEPARTMENT

**Mr. Rajesh Murari, M.Tech(Ph.D)**  
Associate professor

**Department of Electrical and Electronics Engineering**

**ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY**

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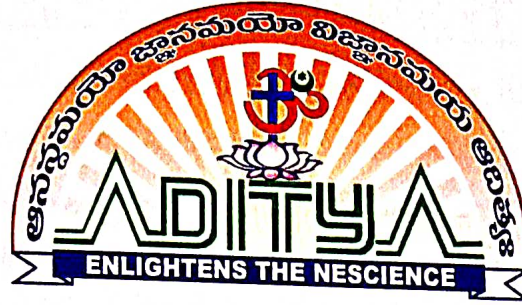
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R.SAI AKHIL	15P35A0236
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In partial fulfilment of the requirement for the award of the degree of the **Bachelor of Technology in Electrical and Electronics Engineering**. It is record of bonified work carried out by them under esteemed guidance and supervision of **Mr.M.P.Subbaraju**.

*M.P. Subbaraju*

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*Rajesh Murari*

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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



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This is to certify that the Thesis entitled "**Power Quality Improvement and Mitigation Case Study Using Distributed Power Flow Controller**" is being submitted by

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V.Venkannababu	15P35A0245
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in partial fulfilment of the requirements for the award of degree of **B.Tech in Electrical and Electronics Engineering** to **Jawaharlal Nehru Technological University Kakinada** is a record of bonafide work carried out by them under the guidance and supervision of **Mr. K. Santhosh Kumar**.

  
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