

**ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Affiliated to JNTU, Kakinada, Approved by AICTE, New Delhi) **DEPARTMENT OF ELECTRICAL  
AND ELECTRONICS ENGINEERING**

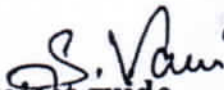



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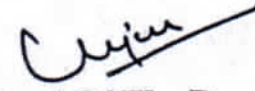
This is to certify that the main project entitled **"DESIGNING BOOST CONVERTER WITH VOLTAGE MONITORING USING MICROCONTROLLER"** being submitted by

Name	Roll No
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R. VISHNU SURYA	15P35A0234
V. NAGESH	15P35A0244
S. ABDUL KHADIR	14P31A0230
E. GANGADHAR	14P31A0209

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

  
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## CERTIFICATE

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This is to certify that the thesis entitled "A new general topology for cascaded multilevel inverters with reduced number of components based on developed H-Bridge" that is being submitted by

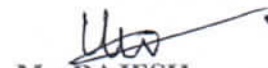
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Miss KANCHARANA RENUKA	14P31A0212
Mr. BHANU PRATAP OJHA	14P31A0204
Mr. DEEPAK KUMAR RAI	14P31A0206
Mr. VUNDAVILLI SAI RAM	14P31A0206
Mr. GURAVANI BALAJI BHANU PRAKASH	15P35A0226

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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

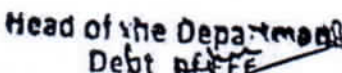
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B.SUDHEER	15P35A0206
L.PHANEENDRA	14P31A0234
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## CERTIFICATE



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

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G.S.S.NAGESH BABU	14P31A0210
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J.LAKSHMANA RAO	15P35A0217
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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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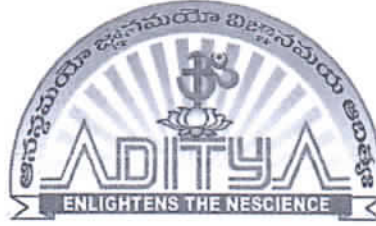
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This is to certify that the thesis entitled “Prepaid energy meter using rfid” that is being submitted by

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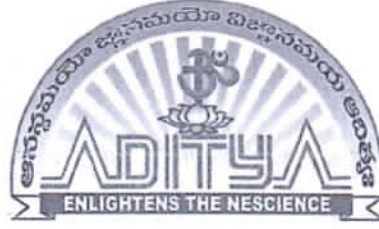
  
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This is to certify that the thesis entitled “Economic load dispatch using particle swarm optimization” that is being submitted by

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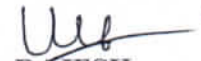
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Mr. KADIYALA VEERA VENKATA ASHOK

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Mr. MD ARIF HUSSAIN

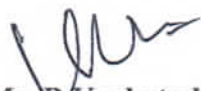
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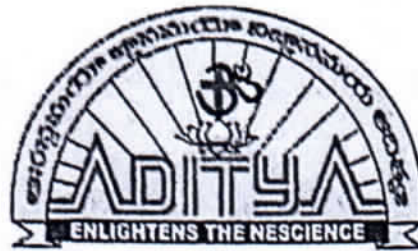
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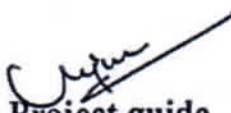
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This is to certify that the main project entitled "Excitation Synchronous Wind Power Generators with Maximum Power Tracking Scheme" being submitted by

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B.NARESH	15P35A0229
T.RAMA KRISHNA	15P35A0242
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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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D.Ganga Rao	14P31A0207
D.Venkata siva	15P35A0213
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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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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

V.SURYA KIRAN

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K.S.V. ARJUN

K. VENKATA SWAMI

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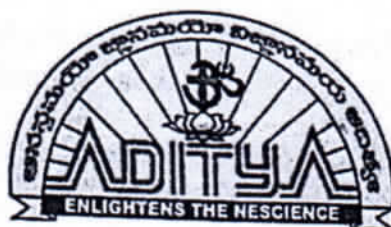
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This is to certify that the main project entitled **PREDICTIVE CURRENT CONTRPL METHOD FOR RENEWABLE POWER GENERATION SYSTEMS** being submitted by

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

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*K. Durga Prasad*  
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