

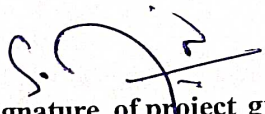
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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

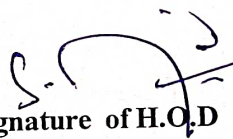


CERTIFICATE

This is to certify that this project work entitled **“Modified One Cycle Control Based Active Power Filter for Harmonic Compensation”** is the bonafide work being submitted by **K Swetha Reddy, Ch. Anudeep, S. Supriya, K Adi Narayana, Y Shyam** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Dr. G. Raja Rao**, HOD, Dept. of EEE during academic year 2021-2022.


Signature of project guide

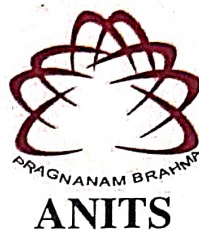
Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS


Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

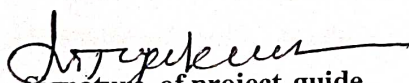
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ENGINEERING**




CERTIFICATE

This is to certify that this project work entitled “**Performance Analysis of Distance Relay**” is the bonafide work being submitted by **P. Priyanka Reddy, G. Santhan, N. Sai Bhargavi Harshita, J. Praneethi, J. Venkata Lakshmi Kavya** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Dr J. Vijaya Kumar**, Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

Dr J Vijaya Kumar
Professor,
Dept. of EEE, ANITS

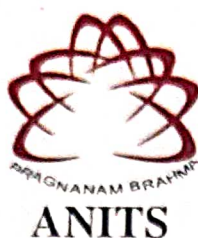

Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

HOD Stamp

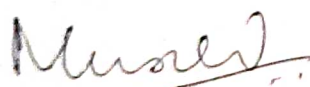
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ENGINEERING**




CERTIFICATE

This is to certify that this project work entitled “**Performance Analysis of Solar MPPT Techniques**” is the bonafide work being submitted by **V. Kethan Vijay Kumar, P. Dinesh Babu, T. Brajesh Naidu, B. Rajesh, P. Ajay Kumar, K. Hemanth and H. Vijay Rama Rao** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the guidance of **Dr. V. Murali**, Assoc. Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

Dr. V. Murali
Assoc. Professor,
Dept. of EEE, ANITS


Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

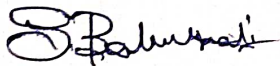
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING



CERTIFICATE

This is to certify that this project work entitled “**Modeling and Simulation of Research Civil Aircraft**” is the bonafide work being submitted by **M. Jyothika Priya, M. Bhuvan Chandra, P. Ramya Sree, P. Prasanth, B. Niranjana Raju** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Dr. S. BalaMurali**, Associate Professor, Dept. of EEE during academic year 2021-2022.



Signature of project guide

Dr. S Bala Murali,
Associate Professor,
Dept. of EEE, ANITS



Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

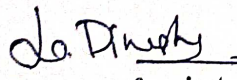
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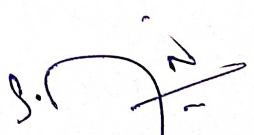


CERTIFICATE

This is to certify that this project work entitled “Power Quality Improvement for Isolated Asynchronous Generator Fed Distribution System Using Active Power Filter” is the bonafide work being submitted by M. V. N Sai Charan, V. Akanksha, P. Rahul Tej, L. V. Pramod Naidu, B. Harsha, J. Saranya, of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of Mr. L Dinesh, Assistant Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

Mr. L Dinesh (Ph.D),
Assistant Professor,
Dept. of EEE, ANITS


Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

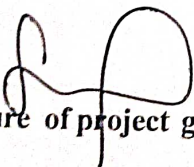
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ENGINEERING**




CERTIFICATE

This is to certify that this project work entitled “**Hybridization of Solar and Wind Energy**” is the bonafide work being submitted by M.Siva Chandra Mouli, R.Chaitanya , L.Anil Sai, D.Jagadeesh, B.Charan sai Sampath, D.Dilleswar Chandra, K.Vishal Kumar of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Dr. Vijaya Bhaskar Somu**, Associate professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

Dr. Vijaya Bhaskar Somu
Associate Professor,
Dept. of EEE, ANITS


Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

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CERTIFICATE

This is to certify that this project work entitled “ANN Tuned PID Controller with PQ-Theory technique based Shunt Active Power Filter” is the bonafide work being submitted by **L. Purna Chandra Rao, B. Durga Prasad, P. Chanakya, K. Shiva Kumar, M. Arun Kumar** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr. Kavala Kiran Kumar**, Asst. Professor, Dept. of EEE during academic year 2021-2022.

Signature of project guide

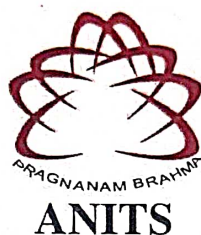
Kavala Kiran Kumar (Ph.D)
Asst. Professor,
Dept. of EEE, ANITS

Signature of H.O.D

Dr. G. Raja Rao
Prof & HOD,
Dept. of EEE, ANITS

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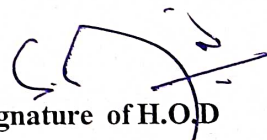
CERTIFICATE

This is to certify that this project work entitled “SIMULATION OF HIGH STE-UP HIGH-EFFICIENCY INTERLEAVED CONVERTER FOR RENEWABLE ENERGY SYSTEMS” is the bonafide work being submitted by **B. Sai Rohit, B.Sewtha, Ch.Sandeep,P. Kiran, K.Akamksha, T.Devadas** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr. B.Rajasekhar**, Asst. Professor, Dept. of EEE during academic year 2021-2022.



Signature of project guide

B. Rajasekhar (Ph.D)
Asst. Professor,
Dept. of EEE, ANITS



Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

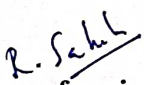
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CERTIFICATE

This is to certify that this project work entitled “**Design of Dynamic Voltage Restorer-Ultracapacitor for Improving the Power Quality in Distribution Grid**” is the bonafide work being submitted by **P. Narendra, M. Lakshmi Narayana, P. Navya Teja, S. Mohammad Afzal, M. Sachin, T. Chaitanya Pavan** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Dr. R. Satish**, Asst. Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

Dr. R. Satish
Asst. Professor
Dept. of EEE, ANITS


Signature of H.O.D

Dr. G. Raja Rao
H.O.D & Professor
Dept. of EEE, ANITS

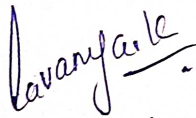
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CERTIFICATE

This is to certify that this project work entitled "Speed Control of PMSM Drive Based on PI and PD controllers" is the bonafide work being submitted by Siripurapu Srihari, Polavarapu Sateesh, P.N.S Rohit, M.Seetharamaraju and K.Govind of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of Mrs. K. Lavanya, Asst. Professor, Dept. of EEE during academic year 2021-2022.



Signature of project guide

K.Lavanya (Ph.D)
Asst. Professor,
Dept. of EEE, ANITS



Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

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CERTIFICATE

This is to certify that this project work entitled “IMPLEMENTATION OF IT-SMC FOR FAULT RECTIFICATION IN A GRID-CONNECTED PV SYSTEM FOR MAXIMUM POWER POINT TRACKING” is the bonafide work being submitted by K.L.S.S.SANJAY, R.S.S.S.ROHIT, A.NAYANA SUBHA JYOTHI, M.VIJAYA KUMARI, M.BHAVANI, R.JAYANK MAANAS of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of Dr. Ch. V. N. RAJA, Asst. Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

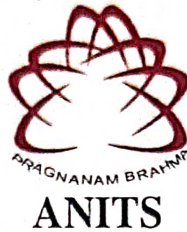
Dr. Ch. V. N. RAJA Ph.D.
Asst. Professor
Dept. of EEE, ANITS


Signature of H.O.D

G. Raja Rao
H.O.D & Professor
Dept. of EEE, ANITS

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ENGINEERING**



CERTIFICATE

This is to certify that this project work entitled “**Design And Simulation Of DC-DC Converter Using Different Controllers**” is the bonafide work being submitted by **R.Charan Kumar, R.Sai Kumar, T.Sanjay Joshi, V.Sharon Chandini, B.Naveen kumar** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr. M.Sudheer Kumar, Asst. Professor, Dept. of EEE** during academic year 2021-2022.

M. Sudheer
Signature of project guide

M. Sudheer Kumar (Ph.D)
Asst. Professor
Dept. of cEEE, ANITS

S. G. Raja Rao
Signature of H.O.D.

Dr.G. Raja Rao
H.O.D & Professor
Dept. of EEE, ANITS

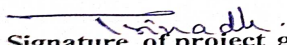
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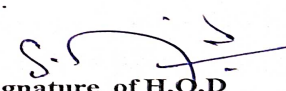


CERTIFICATE

This is to certify that this project work entitled “**COMPARATIVE ANALYSIS OF 12 & 24 PULSE AC TO DC CONVERTER FOR HARMONIC REDUCTION**” is the bonafide work being submitted by **S.Bhagavan, K.Sai Venkat, P. Pravallika, K.Ramya sri, K. Rakesh** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr. K.Trinadh Babu** Asst. Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

Mr. K.Trinadh Babu, M.E, (Ph.D)
Asst. Professor
Dept. of EEE, ANITS


Signature of H.O.D

Dr. G. Raja Rao
H.O.D & Professor
Dept. of EEE, ANITS

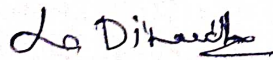
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ENGINEERING**



CERTIFICATE

This is to certify that this project work entitled “**Simulation of Active Power Filter for Harmonic Reduction Using Euclidean Search Based Control Technique**” is the bonafide work being submitted by **D. Sanjeev Kumar, A. Gayathri, A. Pradeep Chandra, L Sharmila, D. Tarun, G. Lokesh, S. Bala Kishan** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr. L Dinesh**, Assistant Professor, Dept. of EEE during academic year 2021-2022.



Signature of project guide

Mr. L Dinesh (Ph.D),
Assistant Professor,
Dept. of EEE, ANITS

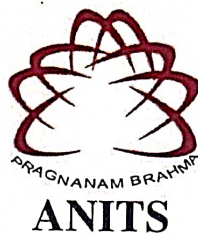


Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

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CERTIFICATE

This is to certify that this project work entitled “**Self-Balancing Five-Level Inverter**” is the bonafide work being submitted by **U.Narendra Rao, R.Dinesh, M.BhanuKiran, K.Jagadish, Y.NaveenSai, CH.Abhi Harika** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr. S Harish**, Asst. Professor, Dept. of EEE during academic year 2021-2022.

Signature of project guide

S.Harish (Ph.D)
Asst. Professor,
Dept. of EEE, ANITS

Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

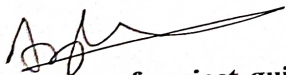
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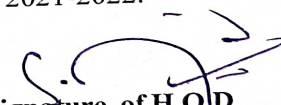


CERTIFICATE

This is to certify that this project work entitled “Speed Control Of DC Drive By Using DC –DC Buck-Boost Converter Fed From PV ” is the bonafide work being submitted by **G. Venkata Sai Prathyush, V.Yashwanth Naveen, P. Poornima, M.Hemanth, B. Varun** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr. A. Dhanamjaya Apparao** Asst. Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

Mr.A. Dhanamjaya Apparao, M.TECH, (Ph.D)
Asst. Professor
Dept. of EEE, ANITS


Signature of H.O.D

Dr. G. Raja Rao
H.O.D & Professor
Dept. of EEE, ANITS

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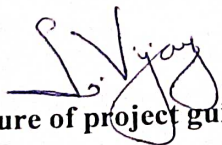
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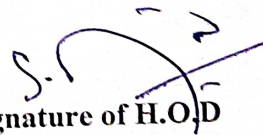


CERTIFICATE

This is to certify that this project work entitled “**Low Frequency AC Transmission Technology for Wind Power Plants**” is the bonafide work being submitted by **V. Ramanamma, Ch. Sri Harsha, M. Thanush Kumar, M. Dharani, B. Abishek, V. Balu Mahendra** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr. L. Vijay**, Asst. Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

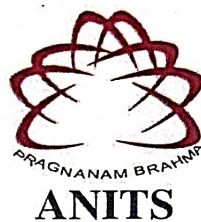
L. Vijay (Ph.D)
Asst. Professor,
Dept. of EEE, ANITS


Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

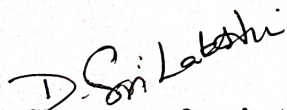
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ENGINEERING**

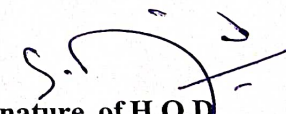


CERTIFICATE

This is to certify that this project work entitled “**Design and Simulation of Buck and Boost Converter considering Non-idealities**” is the bonafide work being submitted by **Ch. Santosh, G. Naveen, P. Bhagya Lakshmi, L. Sai Teja, B. Jahnvi Pragnya, P. Durga Prasad** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mrs. D. Sri Lakshmi**, Asst. Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

D. Sri Lakshmi (Ph.D)
Asst. Professor,
Dept. of EEE, ANITS


Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

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ENGINEERING**




CERTIFICATE

This is to certify that this project work entitled “**Analysis of IEEE 33, 34, 69 bus system using GAUSS SEIDAL**” is the bonafide work being submitted by **P.Reetika, Y.Nagendrakumar, V.Harika, S.Anil, I.Raghu rama Krishna** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mrs. V.Rangavalli**, Asst. Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

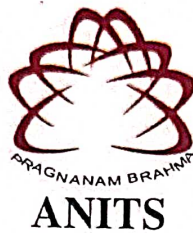
V.Rangavalli (Ph.D)
Asst. Professor
Dept. of EEE, ANITS


Signature of H.O.D

Dr. G. Raja Rao
H.O.D & Professor
Dept. of EEE, ANITS

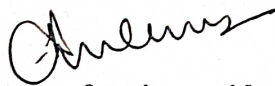
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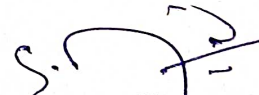
CERTIFICATE

This is to certify that this project work entitled “**Optimized switching sequence for 21-level and 31 -level Multi Level Inverters**” is the bonafide work being submitted by **G.B.S Pravallika, L.Venkata Surya, V.Veneel, M.Sai Kiran, E.Sunil Kuma, E. Srinivas** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr. V. Anil Kumar** Asst. Professor, Dept. of EEE during academic year 2021-2022.



Signature of project guide

Mr. V. Anil Kumar, M.TECH, (Ph.D)
Asst. Professor
Dept. of EEE, ANITS



Signature of H.O.D

Dr. G. Raja Rao
H.O.D & Professor
Dept. of EEE, ANITS

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CERTIFICATE

This is to certify that this project work entitled "**A Comprehensive Modelling and Simulation of Power Quality Disturbances**" is the bonafide work being submitted by **N. Tulasi ram, U. Vijay Prakash, P. Yogeshwarachari, R. Prathyusha, G. Srikar, P. Jay Prakash** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr. N. Kiran**, Asst. Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

N. Kiran (Ph.D)
Asst. Professor,
Dept. of EEE, ANITS


Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

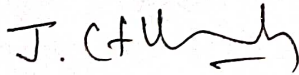
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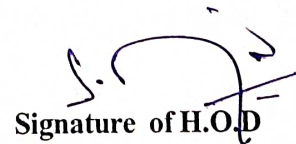
CERTIFICATE

This is to certify that this project work entitled “**Dynamic Modeling and Operations Strategy for a Microgrid with Wind and Photovoltaic Resources**” is the bonafide work being submitted by **P.Reethu Priyanka, K.Sandeep, C.Murthy, G.Jayanth,** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr.J.Uday Venkatesh, Asst. Professor,** Dept. of EEE during academic year 2021-2022.



Signature of project guide

J.Uday Venkatesh(Ph.D)
Asst. Professor,
Dept. of EEE, ANITS



Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

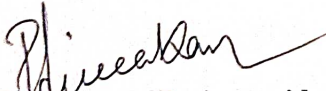
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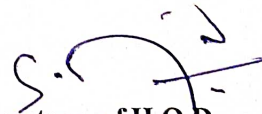


CERTIFICATE

This is to certify that this project work entitled “**POWER FACTOR CORRECTION AND IMPROVEMENT OF THD WITH PR CONTROLLER**” is the bonafide work being submitted by **D. Eswara Chandra Vidya Sagar (Roll No. 318126514013), J. Sandeep (Roll No. 318126514021), K. Vagdevi (Roll No. 318126514030), M. Prasanna Lakshmi (Roll No. 318126514037), S. Sri Harsha (Roll No. 318126514047) and G. Vishal (Roll No. 318126514055)** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr. Narayana Divakar R V L, Asst. Professor, Dept. of EEE during academic year 2021-2022.**


Signature of Project guide

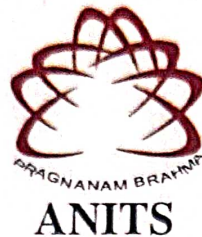
Narayana Divakar R V L
Asst. Professor,
Dept. of EEE, ANITS


Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

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CERTIFICATE

This is to certify that this project work entitled “**IOT – Home Automation**” is the bonafide work being submitted by **S. Tarun, M. Dhanunjaya Rao, T. Venkatesh, L. Vinod Kumar, Y. Mahendra Kumar, V. Ashish Kumar** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mrs. T. V. Subhashini**, Asst. Professor, Dept. of EEE during academic year 2021-2022.

Signature of project guide

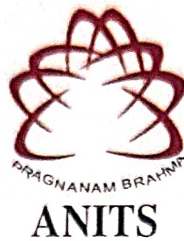
T.V. Subhashini (Ph.D)
Asst. Professor,
Dept. of EEE, ANITS

Signature of H.O.D

Dr. G. Raja Rao
Prof & HOD,
Dept. of EEE, ANITS

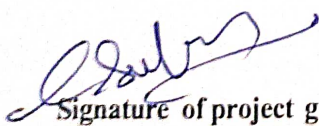
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This is to certify that this project work entitled “**High Efficiency Single Input Multiple Output DC-DC Converter**” is the bonafide work being submitted by **M.Bhavani, S.Bhavana Rachel, M.Shiva Nookaraju, M.Chaitanya Kumar, V.Venkata Sai Nikhil** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr.T.Subrahmanyam**, Asst. Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

Mr.T.Subrahmanyam
Assistant Professor
Department of EEE, ANITS


Signature of H.O.D

Dr.G. Raja Rao
H.O.D,
Department of EEE, ANITS

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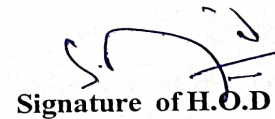
CERTIFICATE

This is to certify that this project work entitled “**Low-Frequency AC Transmission for Offshore Wind Power**” is the bonafide work being submitted by **D. Anish, K. Naresh Kumar, K. Bhargav, K.H.K. Suresh, A. Gyaneswarao, P. Arthi** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr. S.J.V.Prakash**, Asst. Professor, Dept. of EEE during academic year 2021-2022.



Signature of project guide

S.J.V. Prakash (Ph.D)
Asst. Professor,
Dept. of EEE, ANITS



Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS


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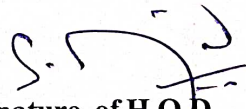
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CERTIFICATE

This is to certify that this project work entitled “Neural Network Based Integrated Electronic Load Controller for Isolated Asynchronous Generator in Small Hydro Generation” is the bonafide work being submitted by **B. Vagdevi, N. Keerthi, P. Siri Chandana, P. Preethi, P. Harinarayana Swaroop, B. Daraheemanth** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr. M. Divakar**, Asst. Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide
Mr. M. Divakar (Ph.D)
Asst. Professor,
Dept. of EEE, ANITS


Signature of H.O.D
Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

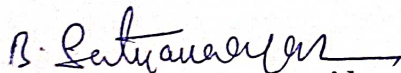
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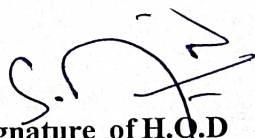


CERTIFICATE

This is to certify that this project work entitled “**Perturb and Observe Algorithm Based MPPT of Photo-Voltaic System With Resistive Load**” is the bonafide work being submitted by **V.Niroop sai, M.Abishek Naveen, M.Guna sekhar, T.Kiran kumar, G.Sandhya rani** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Mr.B.Satyanarayana**, Asst. Professor, Dept. of EEE during academic year 2021-2022.


Signature of project guide

Mr.B.Satyanarayana (Ph.D)
Asst. Professor,
Dept. of EEE, ANITS


Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

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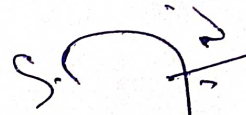
CERTIFICATE

This is to certify that this project work entitled “**UNINTERRUPTED POWER SUPPLY FROM DIFFERENT SOURCES USING IoT**” is the bonafide work being submitted by N. Arun Kumar, V. Abinash, A. Achyut, D. Dinesh, D. Meghana, S. Siresha of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Dr. T. Narasimhulu**, Asst. Professor, Dept. of EEE during academic year 2021-2022.



Signature of project guide

Dr. T. Narasimhulu
Asst. Professor,
Dept. of EEE, ANITS

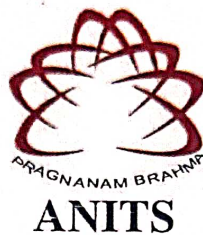


Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

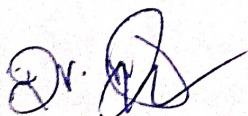
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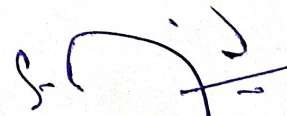
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This is to certify that this project work entitled “**Design and Analysis of High Step-Up DC-DC Converter with Reduced Part Count**” is the bonafide work being submitted by **M. Koushik Reddy, Ch. Tirumal Sai, T. Chandra Mouli, K. Chakra Pani, V. Venkata** of final year in partial fulfillment of the requirement for the award of the degree in Bachelor of Technology in Electrical and Electronics Engineering in ANITS (Approved by AICTE, affiliated to Andhra University and accredited by NBA, NAAC). It is a record of bonafide work carried out under the esteemed guidance of **Dr. M Dhananjaya**, Asst. Professor, Dept. of EEE during academic year 2021-2022.



Signature of project guide

Dr. M Dhananjaya, Ph.D
Asst. Professor,
Dept. of EEE, ANITS



Signature of H.O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS

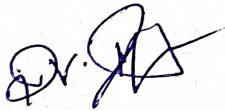
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ENGINEERING**



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Signature of project guide

Dr. M Dhananjaya, Ph.D
Asst. Professor,
Dept. of EEE, ANITS



Signature of H/O.D

Dr. G. Raja Rao
HOD,
Dept. of EEE, ANITS