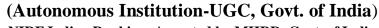
MALLA REDDY ENGINEERING COLLEGE FOR WOMEN



NIRF Indian Ranking, Accepted by MHRD, Govt. of India Accredited by NBA &NAAC with 'A' Grade UGC, Govt. of India Permanently Affiliated to JNTUH, Approved by AICTE, ISO 9001:2015 Certified Institution AAA+ Rated by Careers 360 Magazine, National Ranking-Top 100 Rank band by Outlook

ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY PUBLICATIONS FOR THE ACADEMIC YEAR 2020-2021

Dr. P. Balakrishnan

International / National Conferences:

- 1. "Wavelet and Intelligent Technique Based Transmission Line Fault Detection, Classification and Location" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 1-9, ISBN: 978-81-947249-4-0.
- 2. "Reactive Power Management with DSTATCOM and Matrix Converter" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 143-150, ISBN: 978-81-947249-4-0.

Dr. R. Velmurugan

International / National Conferences:

1. "Wavelet and Intelligent Technique Based Transmission Line Fault Detection, Classification and Location" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 1-9, ISBN: 978-81-947249-4-0.

Dr. S. Vijaya Madhavi

International / National Conferences:

1. "Power Quality Improvement in Grid Connected Photo Voltaic System by THD Reduction" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 138-142, ISBN: 978-81-947249-4-0.

Mr. N. Raveendra

International / National Conferences:

1. "TLBO Tuned PI controller Based STATCOM for PQ Improvement in a Distribution System" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 15-18, ISBN: 978-81-947249-4-0.

Mrs. S. Swathi

International / National Conferences:

1. "Optimal Allocation of Distributed Generation in Distribution Network Using ACSA" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 23-27, ISBN: 978-81-947249-4-0.

Mr. V. Naresh

International / National Conferences:

- 1. "Improvement of Power Quality in Solar Distribution Power Generation Using DSTACOM" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 52-57, ISBN: 978-81-947249-4-0.
- 2. "Active Power Improvement Using Custom Power Devices and Renewable Energy Sources" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 64-68, ISBN: 978-81-947249-4-0.

Mr. N. Saida Rao

International / National Conferences:

1. "Inertia Control of Virtual Synchronous Generator with Different Adaptivity Methods" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 84-89, ISBN: 978-81-947249-4-0.

Mrs. P. Radhika

International / National Conferences:

1. "Power Quality Improvement in Grid Connected Wind Energy Conversion Systems by Using Custom Power Device" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 118-124, ISBN: 978-81-947249-4

Mr. A. Ravi Kumar

International / National Conferences:

1. "Inertia Control of Virtual Synchronous Generator with Different Adaptivity Methods" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 84-89, ISBN: 978-81-947249-4-0.

Mr. V. Brahmam Yadav

International / National Conferences:

1. "Active Power Improvement Using Custom Power Devices and Renewable Energy Sources" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 64-68, ISBN: 978-81-947249-4-0.

Mrs. C. Prasanna Kumari

International / National Conferences:

1. "Active and Reactive Power Control of Distributed Generation System with Single Phase Transformer less Grid Connected Inverter" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 125-132, ISBN: 978-81-947249-4-0.

Mrs. G. Sravani

International / National Conferences:

1. "Power Quality Improvement in Grid Connected Photo Voltaic System by THD Reduction" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 138-142, ISBN: 978-81-947249-4-0.

Mrs. I. Rohini

International / National Conferences:

1. "Control of Grid-Connected PV Inverters Using Sliding Mode Controller" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 106-111, ISBN: 978-81-947249-4-0.

Mrs. K. Kundana Kumari

International / National Conferences:

1. "An Efficient Multilevel Level Inverter with Low Total Harmonic Distortion" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 112-117, ISBN: 978-81-947249-4-0.

Mr. Vijay Kumar Naik

International / National Conferences:

1. "Design of Ripple Less Torque And Effective Speed Controller for A BLDC Motor Using Support Vector Machine Integrated with Model Predictive Controller" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 33-51, ISBN: 978-81-947249-4-0.

Mr. Kumara Swamy

International / National Conferences:

1. "Design of Ripple Less Torque And Effective Speed Controller for A BLDC Motor Using Support Vector Machine Integrated with Model Predictive Controller" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 33-51, ISBN: 978-81-947249-4-0.

Mrs. G. Suguna

International / National Conferences:

1. "Harmonic Transfer Characteristics of A New HVDC System Using Inductive Filtering Method" in 6th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2021), January 23-24, 2021. PP: 90-100, ISBN: 978-81-947249-4-0.