



MALLAREDDY ENGINEERING COLLEGE FOR WOMEN

(Autonomous Institution-UGC, Govt. of India)

Permanently Affiliated to JNTUH, Approved by AICTE, ISO 9001:2015 Certified Institution

Accredited by NBA and MAC with 'A' Grade UGC, Govt. of India

NIRF Indian Ranking-2018, Accepted by MHRD, Govt. of India, CSR-6th Rank

AAAA+ Rated by Digital Learning, AAA+ Rated by Careers 360 Magazine,

National Ranking-Top 100 National Ranking by Times News Paper

National Ranking – Top 100 Rank band by Outlook

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY PUBLICATIONS FOR THE ACADEMIC YEAR 2022-2023

INDEX

Dr. B. Madhusudhan Reddy

SCOPUS/SCI Journals

1. “Performance improvement of closed loop optimal cascaded high level multilevel inverter fed induction motor drive using ANFIS with low THD and effective speed-torque control” J. Electrical Systems ,volume18 issue 1 -2022, pp 65-81

Dr. N. Vengadachalam

International / National Conferences:

1. “A novel optimized Golden Eagle based self-evolving Intelligent Fuzzy controller to Enhance Power system performance” paper Id 379, At the 2022 international conference on sustainable energy and future electric transportation (SeFet-2022) organized by Gokaraju Ranga Raju institute of Engineering and technology and sponsored by IEEE IAS society during 4-6 August 2022.

Dr. S. Vijaya Madhavi

International / National Conferences:

1. “A novel optimized Golden Eagle based self-evolving Intelligent Fuzzy controller to Enhance Power system performance”, paper Id 379, At the 2022 international conference on sustainable energy and future electric transportation (SeFet-2022) organized by Gokaraju Ranga Raju institute of Engineering and technology and sponsored by IEEE IAS society during 4-6 August 2022.

Dr. A. Ganga Dinesh Kumar

International / National Conferences:

1. “A novel optimized Golden Eagle based self-evolving Intelligent Fuzzy controller to Enhance Power system performance” , paper Id 379, at the 2022 international conference on sustainable energy and future electric transportation (SeFet-2022) organized by Gokaraju Ranga Raju institute of Engineering and technology and sponsored by IEEE IAS society during 4-6 August 2022.

Book chapters/ Books

Dr. A Ganga Dinesh Kumar

INTRODUCTION TO INTERNET OF THINGS: A THEORETICAL APPROACH, By Prof. Dr. S. Ravi raja, Ph.D., PDRF , Dr, A. Ganga Dinesh Kumar , Dr.Sreekumar Narayanan , Dr. Syed Azawad · 2022, ISBN: 9789394304413, 939430441X, GCS PUBLISHERS

Patents

Dr. N. Vengadachalam

1. IOT enabled home monitoring system based on piezoelectric sensors- submitted to IPR India, with application number 202241030394 to the office of controller of general patents, Ministry of commerce and Industry, Department of Industrial policy and promotion, Design and trademarks, Government of India on 03-06-2022.

Dr. A. Ganga Dinesh Kumar

1. A Series Capacitive Compensation Technique with Design Based Iterative Algorithm for Mitigation of Ferranti Effect in EHV and UHV Power Transmission Systems, Patent No. 202241027437, Filed Dated 12th May 2022, under Section 11(a) 2 of the Act, To the Controller of Patents The Patent Office At Chennai