SREE VENKATESWARA COLLEGE OF ENGINEERING

NAAC 'A' Grade Accredited Institution
An ISO 9001:: 2015 Certified Institution
(Approved by AICTE, New Delhi and Affiliated to JNTU,Anantapur)
Northrajupalem (Vi), Kodavaluru(M) , S.P.S.R Nellore (Dt)-524316

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Faculty Publications

Academic Year : 2022-23	
1.	C.Nithyanandam,S.Narmadha,,K GirishKumar,T. Sreekanth,'' Assessment Of Using Renewable Energy Sources To Address The Electrification Of Rural Areas" Industrial Engineering Journal ,Volume : 51, Issue 11, No. 1,69-76, ISSN: 0970-2555, November : 2022.
2.	T.Srikanth,K.RatnaJyothy" Analysis of hybrid based grid integration for vehicle to grid based energy management" International Journal of Research in Science and Technoloy,Volume10,issue2,462-473, ISSN-2395-602X, April,2023.
3.	K.GirishKumar,Sd.Liyakhath," Implementation of voltage oriented controller using Vienna rectifier for high power applications of electrical vehicles charging" Journal of Emerging Technologies and Innovative Research,Volume10,issue2,217-227, ISSN-2349-5162, April,2023.
4.	V.AnilKumar,T. Srikanth,G.MadusudhanaRao,C.Nithyanandam," Mathematical Modeling For EVS Prediction On Inverter Switching Functions: Assessment On Four Switch BLDC Motor Drive"UGC CARE Group1,Volume 11, Iss 12,3704-3710, ISSN-2320 7876,Dec 2022.
5.	N.SudarshanRao,K.Venkaiah" Implementation of Fuzzy logic controller based DSTATCOM for power quality enhancement in distribution systems" International Journal of Research in Science and Technology,Volume10,issue2,474-484,ISSN-2395-602X, April,2023.
6.	M.Ramu," Neural Network completed Nano grid Technologies for Reliabe Residential Grid Formation "International Journal of Research in Science and Technology, Volume10, issue2,522-531, ISSN-2395-602X, April,2023.
7.	K Girish Kumar, K.Venkaiah, K.RatnaJyothy, SD. Liyakhath," Implementation And Identification Of Bering Fault In Hilbert Transform Demodulation By Using A Three Phase Induction Motor" Journal Of The Asiatic Society Of Mumbai, , Vol. XCV, No.1(VIII),951-957, ISSN: 0972-0766,2022.
8.	K.Venkaiah,N.Sudarshan Rao," Control Fuzzy logic for solar PV fed marine water pumping with modularmulti-level Inverter "Journal of Emerging Technologies and Innovative Research,Volume10,issue2,238-246, ISSN-2349-5162, April,2023.
9.	K.RatnaJyothy,T.Srikanth" A novel fuzzy logic controller topology for grid-tied photovoltaic power generation system with dc voltage droop control" International Journal of Research in Science and Technology,Volume10,issue2,532-5430, ISSN-2395-602X, April,2023.
10.	Sd.Liyakhath" Enhancing power quality in distribution network with multi-level station and improved one cycle controller using five level cascaded multilevel inverter" IJSRCSEIT(Volume10,issue2,405-415), IJSRCSEIT(Volume10,issue2,405-415), ISSN-2394-4099, April,2023
11.	T. Sreekanth, N. Sudarshan Rao, P.Ramesh,V. Vishnu Vardhan" Analysis On The Usage Of Fuzzy Fed Svpwm For Hunt Active Power Filter For Reducing Harmonics" UGC CARE Group1 (Volume 11, Iss 12,3677-3683), ISSN-2320 7876, Dec 2022.
12.	T.Srikanth,Y.V.Niranjan Kumar" Enhanced power & current limiting control in PMSG based wind turbine under unbalanced grid voltage using ANFIS controller" IJSRSET(Volume10,issue2,609-617), ISSN-2394-4099, April,2023
13.	P.Ramesh" A Novel ANFIS controller based Grid connected EV charging system with constant current control topology" IJSRSET(Volume10,issue2,342-350) ISSN-2456-3307, April,2023
14.	S.Narmadha,K.RatnaJyothy" Mitigation of harmonics in a distribution system using shunt active power filter" IJSRSET(Volume10,issue2,527-536), ISSN-2394-4099, April,2023
15.	G.Madusudhana Rao.,V.Anil Kumar, T. Srikanth ,.Y.V. Niranjan Kumar, "Smart Designing And Growth Of Solar Powered Hybrid Charging Stations For Electric Vehicles" Industrial Engineering Journal(Volume : 51, Issue 11, No. 1, 58-62) ISSN: 0970-2555, November : 2022.
16.	K.RatnaJyothy,S.Narmadha" Power factor compensation for three phase bidirectional inter linking AC-DC hybrid micro-grid system by using Fuzzy logic controller"International Journal of Research in Science and Technology,Volume10,issue2,514-521 ISSN-2395-602X, April,2023.

17.	Y.V. NiranjanKumar,SD. Liyakhath,[3]M.Ramu,N. Sudarshan Rao" Hybrid Micro Grids For Power Flow To Stabilize Dc Connected Fluctuations Ann Based Uipc" Journal Of The Asiatic Society Of Mumbai, , (Vol. XCV, No.1(VIII),966-973) ISSN: 0972-0766, 2022.
18.	.V.AnilKumar,G.Madhusudhana Rao" Implementation of zero current switching realization for High-set-up full bridge isolated DC-DC converter with multi-cell diode capacitor network" International Journal of Research in Science and Technology,Volume10,issue2,687-696, ISSN-2395-602X, April,2023.
19.	S.Narmadha,C.NithyaNandam" Design of power management and control of a hybrid energy system micro grid"International Journal of Scientific Research in Science, Engineering and Technology,Volume10,issue2,536-541,ISSN-2394-4099, April,2023.