



# PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt., A.P. – 533 437

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by NAAC with 'A' Grade)  
(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)

Ph: 08852 – 252233, 34, Website: www.pragati.ac.in

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**A.Y 2023-24**

S.No.	Name of the faculty	Title	Journal name	Month and Year of Publication / Presentation	Indexing
1.	DR. K. SATYANARAYANA	FAULT DETECTION AND MITIGATION IN MULTILEVEL CONVERTER BY USING ACTIVE FAULT –TOLERANT CONTROL SYSTEM	IJMERT	April-2024	ISSN 2454–5X
2.	Dr.G.NARESH	A SINGLE PHASE TO THREE PHASE DRIVE SYSTEM USING TWO DC LINK PARALLEL SINGLE-PHASE RECTIFIERS	IJITCE	March-2024	ISSN 2347–3657
3.	Dr. G. NARESH	A Battery- Capacitor Integrated to Electric Vehicle and Microgrid Incorporated Operations in V2G and G2V	IJMM	March-2024	ISSN 2454–5007
4.	DR. K. SATYANARAYANA	OPTIMAL CONTROL SCHEME FOR SINGLE PHASE INDUCTION MOTOR	IJITCE	April-2024	ISSN 2347–3657
5.	Mr K.V DURGA PRASAD	ANALYSIS & CONTROL FOR PV SOLAR INTEGRATED WITH GRID FORMING POWER RESERVES	IJMERT	March-2024	ISSN 2454–5X
6.	Mr. S.ASHOK REDDY	A NEW EFFICIENT SYSTEM FOR PV FED TO BLDC MOTOR BY USING ANN CONTROLLER	IJMM	March-2024	ISSN 2454–5007
7.	Mr. CH. NARESH	A NEW CONTROLLER FOR SOLAR PV FED MODULAR MULTILEVEL INVERTER TOWARDS WATER PUMPING	IJHRMO B	March-2024	ISSN 2454–5015



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		APPLICATION			
8.	Mr. M. VEERA BABU	LOAD CRITERIAN POWER CONTROL FOR WITH INDEPTH ANALYSIS OF SINGLE PHASVE ELECTRIC SPRINGS	IJMRBS	March-2024	ISSN2319-345X
9.	Mrs.V. R. V. S. SAI VALLI	HI TECH ENERGY METER FOR SMART CITIES USING GSM TECHNOLOGY	IJERST	March-2024	ISSN2319-5991
10.	MS.P.Sandhya	TRANSFORMER HEALTH MONITORING USING ARDUINO AND GSMAND LOCAL MONITORING DISPLAY	IJASEM	March-2024	ISSN2454-9940
11.	Mr. D. PRAKASA RAO	A WIDE RANGE OUTPUT VOLTAGE CHARGER FOR ELECTRICAL VEHICLES	IJITCE	March-2024	ISSN 2347–3657
12.	Mrs.K.DEVI	ENHANCEMENT OF POWER QUALITY DISTRIBUTION SYSTEM USING FPID IND--STATCOM	IJITCE	March-2024	ISSN 2347–3657
13.	Ms. P.VARALAKSHMI	SOLAR POWERED INCORPORATED AC LINE FEEDER WITH ACTIVE OUTPUT FILTER UNDER NON-LINEAR CONDITION	IJITCE	March-2024	ISSN 2347–3657
14.	Mr. M. RAVI KUMAR	WIRELESS CHARGING ELECTRICALVEHICLES BY OPTIMAL INDUCTIVECOUPLE TRANSFORMER	IJMERT	March-2024	ISSN 2454–5X
15.	Mrs. M. MANGA LAKSHMI	VIENNA RECTIFIER FED SQUIRREL CAGE INDUCTION GENERATOR BASED STAND-ALONE WIND ENERGY CONVERSION SYSTEM	IJMM	March-2024	ISSN 2454–5007
16.	Mrs.P. PUSHPA LATHA	DESIGN AND IMPLEMENTATION OF	IJHRMO B	March-2024	ISSN 2454–5015



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		POWER SAVING ONRAILWAY PLATFORM BASED ON ARRIVAL AND DEPARTURE OF TRAIN			
17.	CH.V.V. MANGA LAKSHMI	IMPLEMENTATION OF FIRE CONTROL ROBOTIC VECHILE OVER IOT TECHNOLOGY	IJHRMO B	March- 2024	ISSN 2454–5015
18.	Mr. S. NANI BABU	DESIGNING & ENHANCING INTEGRATED ON-BOARD ELECTRIC VEHICLE BATTERY CHARGER USING MATLAB & SIMULINK	IJMRBS	March- 2024	ISSN 2454–5X
19.	Mr. Sk. MUBBIN	ENHANCEMENT OF GRID CONNECTED PHOTOVOLTAIC SYSTEM FOR NONLINEAR LOADS BASED ON MDSOGI - MPC ALGORITHM	IJMRBS	March- 2024	ISSN 2454–5X
20.	Mr. K. NAGA VARDHAN REDDY	Energy Management System for Hybrid PV-Wind-Battery Based Fuzzy Logic Controller System	IJERST	March- 2024	ISSN2319-5991
21.	Ms. S. SWARNA BHARGAVI	OPERATING MODES ON GRID CONNECTED INDUCTION MOTOR BY DC – LINK CONVERTER	IJERST	March- 2024	ISSN2319-5991
22.	Mrs. G. DURGA DEVI	ACTIVE CONTROL STRATEGIES FOR POWER QUALITY OF DC SYSTEMS AND REDUCE THE USAGE OF BULKY CAPACITORS	IJASEM	March- 2024	ISSN2454-9940
23.	Ms. S. CHANDINI	INTEGRATION OF FRACTIONAL ORDER SLIDING MODE CONTROL & ANN CONTROL IN D-STATCOM WITH	IJASEM	March- 2024	ISSN2454-9940



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		<b>POWER DISTRIBUTION SYSTEM</b>			
24.	Mr.M. VEERA CHANDRA KUMAR	INTEGRATION OF RAILWAY SYSTEM CONNECTED FED TO MICROGRID STATIONS	IJMERT	March- 2024	ISSN 2454–5X