

### **International Journals (2023-24) :**

1. Dr.P.Hari Krishna Prasad “Dual Full-Bridge DC-DC Converter for RF Power Generator Applications with decreased Circulating Current, Conduction loss at Rectifier Stage and Filter Output” Jour of Adv Research in Dynamical & Control Systems, Vol. 12, Issue-02, 2024, DOI: 10.5373/JARDCS/V12I2/S20241292, received: Feb 16, 2024, Accepted: May 15, 2024.
2. Dr. P.Lakshmanan “Performance Analysis of 31-Level Multilevel Inverter for Electric Vehicle Application” by Comptes rendus de l’ Academie bulgare des Sciences, Tome 77, No 3, 2024.

### **International Conference(2023-24):**

1. Dr. P.Lakshmanan “Innovative SVPWM Approach For Three Phase Modular Multilevel Inverter In Renewable Energy” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
2. Dr.Sk.Md.Shareef “A Novel Harmonic-Based Phase-Shifted Control via MSIQB Converter of Inductively Coupled Power Transfer” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
3. Dr.SK.MD.Shareef “IoTBased Remote Patient Health Monitoring System” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
4. Mrs.P.BramarambaVathi “Battery Degradation in Electric and Hybrid Electric Vehicles” 4<sup>th</sup> International Virtual Conference on RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
5. Mr.G.NAVEEN “Comparative Analysis Of Level Shift Pwm Methods For Hybrid Asymmetric Cascaded Multilevel Inverter” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
6. Mrs.S.Saritha “Enhanced PV-Battery System with Two-Stage Converter and VSG Control Using ANFIS Controller” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
7. Mrs. P.Raghavarani “IOT-Based Automated Solar Panel Cleaning and Monitoring Technique” 4<sup>th</sup> International Virtual Conference on RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.

- 8.** Mr.P.D.V.S.K.Kishore “Integrated Smart E-Vehicle Charging System with Multi-Input Power Sources and Enhanced Power Flow Control” 4<sup>th</sup> International Virtual Conference on RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 9.** Mr.Shaikkarimulla “IoTBased Industrial Fault Monitor and Controlling System” 4<sup>th</sup> International Virtual Conference on RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 10.**Mr.G.NAVEEN “Agriculture Protection from Animals using Wireless Sensing Network” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 11.**Mrs.P.BramarambaVathi “A Novel Three-Phase Three-Leg AC/AC Converter Using Nine IGBTs” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 12.**Mrs.P.BramarambaVathi “Detection Of Power Grid Synchronization Failure on Sensing Frequency, Current and Voltage Beyond Acceptable Range and Load Protection” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 13.**Mr.P.D.V.S.K.Kishore “Performance of Closed loop inverter based bidirectional dc-dc converter with wide voltage gain for charging of electric vehicle” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 14.**Mr.G. Nagaraju “Design of Piezoelectric Harvester Using Footwear” 4<sup>th</sup> International Virtual Conference on RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 15.**Mr.Shaik karimulla “Development of Child Rescue System against Bore-Wells” 4<sup>th</sup> International Virtual Conference on RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024..
- 16.**Mr. SK. Abdul Kalam“IoT-Based Smart Home Security and Home Automation System” 4<sup>th</sup> International Virtual Conference on RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 17.**Mr.M. Chandra Sekhar “Enabling Smart Grids: IoT and GSM- Based Control and Monitoring System” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS

IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.

- 18.**Dr. P.LAKSHMANAN “Enhancing Power Quality for Vehicle-to-Grid and Grid-to-Vehicle Technology in a Microgrid Using an ANN Controller” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 19.**Mr.M. Chandra Sekhar “Design and Developmento Prototype Model of Advanced Charging System for Energy Efficient Electric Vehicle” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 20.**Dr .SK .MD. Shareef “Development ofa Wireless Power Transmission System for Agriculture Sensor Devices” 4<sup>th</sup> International Virtual Conference on RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 21.**Mr.M. Chandra Sekhar “IoT Based Switching of Microgrid for Uninterrupted Power Supply” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 22.**G.Naveen “Speed Control of DC Motor Using IoT” 4<sup>th</sup> International Virtual Conference On RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 23.**Mr.G. Nagaraju “Arduino based Electric Vehicle” 4<sup>th</sup> International Virtual Conference on RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup> & 6<sup>th</sup> April, 2024.
- 24.**Mrs.P.BramarambaVathi “Seven-Level Shunt Active Power Filter for High-Power Drive Systems” 4<sup>th</sup> International Virtual Conference on RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) with ISBN: 978-93-91420-59-8 from 5<sup>th</sup>& 6<sup>th</sup> April, 2024.
- 25.**Dr.P.Lakshmanan “Prototype of advanced Highway Power Generation And EV’s Wireless Charging” by 3<sup>rd</sup> International Conference on Recent Trends in Power systems and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.
- 26.**Dr.P.Lakshmanan “Overview and an Approach to Develop a Four Quadrant Control System for DC Motors without using Microcontroller” by 3<sup>rd</sup> International Conference on Recent Trends in Power systems and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.
- 27.**Mrs.S.Saritha “Automatic Power Factor Correction With Measurement of Real Power, Reactive Power, Apparent Power” by 3<sup>rd</sup> International Conference on

- Recent Trends in Power systems and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.
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  35. Mr. G.Naveen “Design of a Nine-Switch Three-Phase Multilevel Inverter with a PV Array Source” by 3rd International Conference on Recent Trends in Power systems and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.
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- and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.
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  - 42.Mrs. P.Bramarambavathi “Multi-Objective Micro-Grid Design by Nsga-Ii Considering Both Islanded And Grid-Connected Modes” by 3rd International Conference on Recent Trends in Power systems and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.
  - 43.Mrs. P.Bramarambavathi “Wireless Battery Charging For Electric Vehicles” by 3rd International Conference on Recent Trends in Power systems and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.
  - 44.Mr. G.Naveen “Novel Multilevel Inverter Design with Reduced Device Count” by 3rd International Conference on Recent Trends in Power systems and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.
  - 45.Mr. G.Naveen “Novel Single-Phase Nine-Level PWM Inverter for Grid Connected Solar PV Farms” by 3rd International Conference on Recent Trends in Power systems and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.
  - 46.Mr.G.Naveen “Protection of Induction Motor From Over Voltage, Over Current And Temperature” by 3rd International Conference on Recent Trends in Power systems and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.
  - 47.Mr.SK.Karimulla “RPM Display for BLDC Motor with Speed Controller” by 3rd International Conference on Recent Trends in Power systems and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.
  - 48.Mr. SK.Abdul Kalam “Real Time Street Light Monitoring and Control” by 3rd International Conference on Recent Trends in Power systems and Power Electronics (NEC-ICPSPE-2k23) with ISBN: 978-93-91420-32-1, June 2023.
  - 49.Mr. SK.Abdul Kalam “A Proto Type of advanced Automotive Safety System with obstacle avoiding, Bluetooth Control & Voice Control” by 3rd International Conference on Recent Trends in Power systems and Power Electronics (NEC-ICPSPE-2k23) with ISBN: 978-93-91420-32-1, June 2023.
  - 50.Mr. P.Naganjaneyulu “Smart Energy Meter Using GSM” by 3rd International Conference on Recent Trends in Power systems and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.

51. Mr. P. Naganjaneyulu “Switching Losses and Harmonic Investigations in Multilevel Inverters” by 3rd International Conference on Recent Trends in Power systems and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.
52. Mrs. P. Ragahavarani “Multi Power Supply using Four Different Sources for no Brake Power Supply” by 3rd International Conference on Recent Trends in Power systems and Power Electronics(NEC-ICPSPE-2k23) with ISBN:978-93-91420-32-1, June 2023.

**National Journal:**

1. SK. Abdul Kalam “ An optimized model for enhancing Power density of surface mounted permanent magnet BLDC Motors” 1<sup>st</sup> National Conference on Design-Thinking Trans-disciplinary Challenges & Opportunities Organized by Andhra University, Vizag on 7<sup>th</sup> & 8<sup>th</sup> July-2023.