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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**LIET/EEE/F-5/2021-22**  
**REV.: 0.0:0.0**

**STUDENT RESEARCH PUBLICATIONS**

**Academic Year: 2021-22**

| S.N<br>O | NAME OF<br>THE<br>STUDENTS   | TITLE OF<br>THE PAPER  | DETAIL OF PUBLICATIONS   |   |                              | NATIONAL<br>/INTERNATI<br>OAL |
|----------|--|--|--|---|------------------------------|-------------------------------|
|          |  |  | NAME OF<br>THE<br>JOURNAL  | VOLU<br>ME                                      | ISSN<br>NO                   |                               |
| 1        | Mendi Manoj<br>Kumar<br>Sunkarapalli<br>Mohith<br>Patnayakuni<br>Avyakth<br>Vendrapu<br>Appala Naidu                                     | Design And<br>Implementation<br>Of IOT Based<br>Gas Detection<br>& Fire<br>Extinguishing<br>System | International<br>Journal Of<br>Emerging<br>Trends In<br>Engineering<br>Research                | Volume 9<br>No.4<br>July 2021                   | E-<br>ISSN<br>2347 -<br>3983 | International                 |
| 2        | M. Asiri<br>Naidu <sup>2</sup> , V.<br>Maneesha <sup>3</sup> ,<br>M.V.V.<br>Sasikanth <sup>4</sup> , S.<br>Praveen<br>Kumar <sup>5</sup> | Power Quality<br>Improvement<br>Using Unified<br>Power<br>Quality<br>Compensator                   | International<br>Journal of<br>Advanced<br>Trends In<br>Computer<br>Science And<br>Engineering | Volume<br>10, No.4,<br>July -<br>August<br>2021 | ISSN<br>2278-<br>3091        | International                 |
| 3        | N.Revathi<br>S.Asواني<br>M.T.Roja<br>R.Sampath<br>Kumar<br>P.Sai<br>Ganesh<br>Kumar  | Power Quality<br>Improvement In<br>Grid Connected<br>Energy Sources                                | International<br>Research<br>Journal f<br>Engineering<br>And<br>Technology                     | Volume<br>8, July<br>2021                       | 2395-<br>0096                | International                 |
| 4        | Vempadapu<br>Ramunaidu,<br>Manyapuri<br>Maheswararao,<br>Thota<br>Divyatejaswi,P   | Design And<br>Simulation of<br>Seven Level<br>Cascaded H<br>Bridge Inverter<br>For Medium          | International<br>Journal Of<br>Engineering<br>Research &<br>Technology<br>(IJERT)              | Volume 9,<br>August<br>2021                     | 2347-<br>3983                | International                 |

|    |  |  |  |                                     |                |               |
|----|--|--|--|-------------------------------------|----------------|---------------|
|    | adala Praveen Kumar  | Power Applications   |  |                                     |                |               |
| 5  | Penaganti Madhu Sudhan Rao, Veturu Jayanth, Rongali Sathya Raghav, Mogananti Sai Kiran | Low Frequency AC Transmission For Offshore Wind Power  | International Journal of Engineering Research & Technology (IJERT)           | Volume 9, August 2021               | 2347-3983      | International |
| 6  | T. Prathyusha, N. Akhilesh Yadav, V.V. Prasanth Kumar, N. Madhava Rao                  | A Controllable Bidirectional Battery Charger for Electric Vehicles With Energy Management System | International research Journal of Engineering and Technology                 | Volume 8, July 2021                 | 2395-0056      | International |
| 7  | L. Sriram, J. Kamala, B. Kowshik, D. Venkata Sai Bharani                               | Design And Analysis Of Bidirectional Battery Charger For Electric Vehicle                        | International Journal Of Engineering Research & Technology (IJERT)           | Volume 10, July 2021                | 2278-0181      | International |
| 8  | M. Asiri Naidu, V. Maneesha, M.V.V. Sasikanth, S. Praveen Kumar                        | Power Quality Improvement Using Unified Power Quality Compensator                                | International Journal of Advanced Trends In Computer Science And Engineering | Volume 10, No.4, July - August 2021 | ISSN 2278-3091 | International |
| 9  | Marrapu Manisha, Pakalapati Sree Harshitha, Samudrala Maneesh, Sunkari Balaji          | Power Quality Improvement by using Dynamic Voltage Restorer                                      | International Journal of Emerging Trends in Engineering Research             | September 2021                      | 2347 - 3983    | International |
| 10 | Vempadapu Ramunaidu, Manyapuri Maheswararao, Thota Divyatejaswi, Padala Praveen Kumar  | Design and Simulation of Seven Level Cascaded H Bridge Inverter for Medium Power Applications    | International Journal of Engineering Research & Technology (IJERT)           | Volume 9, August 2021               | 2347-3983      | International |

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|----|--|--|--|-----------------------|-------------|---------------|
| 11 | Penaganti Madhu Sudhan Rao, Veturu Jayanth, Rongali Sathya Raghav, Moganti Sai Kiran | Low Frequency AC Transmission for Offshore Wind Power  | International Journal of Engineering Research & Technology (IJERT) | Volume 9, August 2021 | 2347-3983   | International |
| 12 | N.Revathi S.Asواني M.T.Roja R.Sampath Kumar P.Sai Ganesh Kumar                       | Power Quality Improvement In Grid Connected Energy Sources                                       | International Research Journal of Engineering and Technology       | Volume 8, July 2021   | 2395-0096   | International |
| 13 | Majji.Varalakshmi, Kachhala Praveen Kumar, Kolla Nagaraju, Budi Sai Murali           | High efficiency single -Input Multi-output DC-DC Converter                                       | International Journal of Research and Analytical Reviews           | September 2021        | 2348-1269   | International |
| 14 | T. Prathyusha, N. Akhilesh Yadav, V.V. Prasanth Kumar, N. Madhava Rao                | A controllable bidirectional battery charger for electric vehicles with energy management system | International research Journal of Engineering and Technology       | Volume 8, July 2021   | 2395-0056   | International |
| 15 | Jilidimudi Kamala, Lanka Sriram, Bhasuru Kowshik, Damaraju Venkata Sai Bharani       | Design and Analysis Bidirectional Battery Charger for Electric Vehicle                           | International Journal of Engineering Research & Technology (IJERT) | July 2021             | 2278 - 0181 | International |

