

## Agnel Charities

**Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, Maharashtra**

### Journal Publications

1. **Seema Jadhav**, Dr. Sincy George and Mahendra Rane, “Active Power Control of Grid- Connected Distributed Generation Unit”, International Journal of Advances in Electrical and Electronics Engineering, ISSN: 2319-1112 /V2N1, Volume 2, Number 1, March 13, 2013, pp. 106-112. March 13, 2013
2. Divya S and **Seema Jadhav**, “Research on Power quality issues in Electric Arc Furnace and its Mitigation techniques”, International Journal of Engineering Research and Technology, , Vol 3, Issue 1, ISSN 2276-0181 Jan 2014. <https://www.ijert.org/research/research-on-power-quality-issues-in-electric-arc-furnace-and-its-mitigation-techniques-IJERTV3IS10435.pdf>
3. **Seema Jadhav** and Ruchi Harchandani, “Grid Interfacing Technologies for Distributed Generation and Power Quality Issues-A Review”, International Journal of Innovative and Emerging Research in Engineering (IJIERE) ISSN-2394-3343, Vol-2, Issue-3, March- 2015. <http://www.ijiere.com/FinalPaper/FinalPaper20154110634961.pdf>
4. **Seema Jadhav**, “Design and Implementation of Maximum Power Point Tracking system for Solar PV Panels”, International Journal of Innovative and Emerging Research in Engineering (IJIERE) ISSN-2394-3343, Vol-4, Issue-4, April-2017.

### Conference Publications

1. Mini Rajeev, **Seema Jadhav**, Kirtish, “Design and Implementation of Maximum Power Point Tracking system for battery charging application using solar panel”, Renewable Energy Asia 2008 – International Conference & 4th SEE Forum Meeting, IIT Delhi Renewable Energy Asia-08. pp 10-13 December 2008
2. Mini Rajeev, Sreedevi.S.Nair and **Seema Jadhav**, “Design Considerations of a Solar powered street light for Stand-alone PV systems”, International Conference on Control Communication and power engineering 2010, Chennai, Tamilnadu. CCPE 2010, 28-29th July 2010
3. **Seema Jadhav** and Dr. Sincy George “Control of DG in Grid-connected and Intentional Islanded Mode of Operation”, Interface-2014, International Conference on Network Infrastructure Management systems, VJTI, Jun 27, 2014.
4. **Seema Jadhav** and Dr. Sincy George “Design of PI Controller for Grid-connected DG unit using Root Locus Technique”, ICNTE-2015, Conference Proceedings, International Journal of Engineering Research and Technology (IJERT) 9-10 Jan 2015. <https://www.ijert.org/research/design-of-pi-controller-for-grid-connected-dg-unit-using-root-locus-technique-IJERTCONV3IS01046.pdf>
5. **Seema Jadhav** “Review of Mitigation Techniques for Power Quality issues in Distributed Generation”, International Conference on Advanced Science and Technology, ICSAT- 2016 Conference Proceedings, 8-9 Dec 2015. <https://www.ijcaonline.org/proceedings/icast2015/number3/24232-3028>
6. Prajakta Pawaskar, Pradeep Chawande and **Seema Jadhav**, “Design and Implementation of Low cost Three phase Energy meter”, IEEE International Conference on Recent Trends in Electronics Information Communication Technology, May 20-21, 2016, Bangalore. PP 306-310. **DOI:** [10.1109/RTEICT.2016.7807830](https://doi.org/10.1109/RTEICT.2016.7807830)
7. **Seema Jadhav**, “Impacts of faults on the efficiency of Squirrel cage Induction motor”, ICNTE-2017, Conference Proceedings in IEEE explorer, 27-28 Jan 2017. **DOI:** [10.1109/ICNTE.2017.7947971](https://doi.org/10.1109/ICNTE.2017.7947971)

8. **Seema Jadhav**, Neha Devdas, Shakila Nisar, Vaibhav Bajpai, “Bidirectional DC-DC converter in Solar PV System for Battery Charging Application”, IEEE International conference on Smart City and Emerging Technologies, 5th Jan 2017. DOI: [10.1109/ICSCET.2018.8537391](https://doi.org/10.1109/ICSCET.2018.8537391)
9. **Seema Jadhav**, Neha Devdas, Shakila Nisar, Vaibhav Bajpai, “Design and Implementation of Bidirectional DC-DC converter for Battery Charging and Discharging Application”, International Conference on Global Technology and Initiatives (ICGTI) at Rizvi college, 30th April 2018.
10. **Seema Jadhav**, Suraj Kamat, “Design and Simulation of Low Power Charging Station for Electric Vehicle”, IEEE International Conference on Advances in Computing, Communication and Control (ICAC3 19) December 20 - 21, 2019. DOI: <https://doi.org/10.1109/ICAC347590.2019.9036771>
11. Tejas Deshpande, Sayantan Das, Himanshu Chavan, Ankit Kishore Hangloo and **Seema Jadhav**, “Solar\_Powered LED Street Lighting with Digital Control for Dimming operation”, ICNTE 2021, 15-16th Jan.2021. DOI: [10.1109/ICNTE51185.2021.9487722](https://doi.org/10.1109/ICNTE51185.2021.9487722).
12. **Seema Jadhav** and R. Harchandani, “Performance Characteristics Analysis for Solar PV Module,” *5th Bienn. Int. Conf. Nascent Technol. Eng. ICNTE 2023*, no. Icнте, pp. 1–5, 2023, doi: DOI: [10.1109/ICNTE56631.2023.10146700](https://doi.org/10.1109/ICNTE56631.2023.10146700).
13. H. Chaudhary *et al.*, “Design and Development of a Small Scale EMU Model with Motorman Cabin Emulation,” *5th Bienn. Int. Conf. Nascent Technol. Eng. ICNTE 2023*, no. Icнте, pp. 1–6, 2023, DOI: [10.1109/ICNTE56631.2023.10146617](https://doi.org/10.1109/ICNTE56631.2023.10146617)