



RajaRajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi,
Approved by AICTE, UGC & GoK, Accredited by ISO 9001-2015 Certified Institution)

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Department of Electrical & Electronics Engineering

Faculty Publications AY (2023-24)

1. Dr. P. Ebby Darney, “A Deep Learning Framework for Early Detection of Heart Attack Risk and Cardiovascular Conditions using Retinal Images”, IEEE International Conference on Emerging Research in Computational Science – ICERCS’23, 7-12-23 to 9-12-23, 979-8-3503-5976-3.
2. Prof. Avinash C M, “Smart Home Automation with Smart Metering using ZigBee Technology and Deep Belief Network”, 2024 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), DOI:10.1109/IDCIoT59759.2024, 4 to 6 Jan, 2024.
3. Dr. P Ebby Darney, “Simulation and Evaluation of the Superconducting Coils by Employing FEM”, International Journal of Science and Research (IJSR), Vol 13, Issue 3, pp 1479 - 1483, ISSN NO:2319-7064, March 2024.
4. Prof. Prutha G, “A Hybrid Electricity Generation In Highways Using Wind And Solar Energy”, International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, March 2024.
5. Prof. Kruthika K, “Solar Cap with Mobile Charging”, International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, March 2024.
6. Prof. Shivalingaiah K L, “Hybrid Solar Seeder For Agriculture With Dual Power”, International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, March 2024.
7. Dr. P Ebby Darney, “The Effect of the Interfacial Resistance of the Superconducting-Stabilizer Film on the Typical Sector Diffusion Pace For 2g Hts Tapes”, International Journal for Multidisciplinary Research (IJFMR), Vol 6, Issue 2, pp 1 - 11, E-ISSN: 2582-2160, March 2024.
8. Prof. Udhyami M B, “Solar Based Grass Cutter”, International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, March 2024.
9. Dr. P Ebby Darney, “A Deep Learning Framework for Early Detection of Heart Attack Risk and Cardiovascular Conditions using Retinal Images”, IEEE International Conference on Emerging Research in Computational Science – ICERCS’23, ISBN: 979-8-3503-5976-3, Dec 2023.
10. Dr. P Ebby Darney, “Smart Home Automation with Smart Metering using ZigBee Technology and Deep Belief Network”, 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), DOI:10.1109/IDCIoT59759.2024, January 2024.
11. Prof. Avinash C M, “Smart Home Automation with Smart Metering using ZigBee Technology and Deep Belief Network”, 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), DOI:10.1109/IDCIoT59759.2024, January 2024.
12. Dr. P Ebby Darney, “An AI-Enhanced IoT Model for Three-Way Authentication and Location Tracking in Secured Jewellery Boxes”, International Conference on Mobile

Campus: #14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074

Phone: +91-80-28437124 / 28437375

Email Id: hodeee@rrce.org

Website: <https://www.rrce.org>



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Department of Electrical & Electronics Engineering

- Computing and Sustainable Informatics (ICMCSI 2024), ISBN: 979-8-3503-9523-5, January 2024.
13. Prof. Sincy Elezebeth Kuruvilla, “Predictive Parenting: An IoT-Enabled Cradle System with AI-Driven Sleep Pattern Analysis”, 5th International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2024), ISBN: 979-8-3503-9523-5/24, January 2024.
 14. Dr. R Arul Jose, “ForeScanGuard: Proactive Monitoring and Detection for Sustainable Forest Conservation”, International Conference on Inventive Computation Technologies (ICICT), DOI: 10.1109/ICICT60155.2024.10544388, April 2024.
 15. Dr. P Ebby Darney, “Document Security within Institutions Using Image Steganography Technique”, International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, April 2023.
 16. Prof. Prutha G, “Wireless Charging to EV through Renewable”, Compliance Engineering Journal Volume 14, Issue 5, ISSN No: 0898-3577, May 2023.
 17. Prof. Prutha G, “Biometric Start to Electric Vehicle”, Compliance Engineering Journal Vol 14, Issue 5, pp 62 - 65, ISSN No: 0898-3577, May 2023.
 18. Dr. P Ebby Darney, “Small Rate DDoS Violence Documentation and Protection by SDN built on Machine Learning Technique”, International Journal for Research Trends and Innovation (IJRTI), Vol 8, Issue 6, pp 336 - 341, ISSN NO:2456-3315, June 2023.
 19. Dr. P Ebby Darney, “The investigation of Network Security, including Penetration attacks and potential Security Mechanisms”, International Journal for Research Trends and Innovation (IJRTI), Vol 8, Issue 10, pp 809 – 815, ISSN NO:2456-3315, Oct 2023.
 20. Dr. P Ebby Darney, “An Evolutionary Combinatorial Approach to Stumpy CMOS Transconductance Operational Apex Amplifier Design and Optimization”, ICTACT Journal on Microelectronics, Vol 9, Issue 2, pp 1568 - 1574, DOI : 10.21917, July 2023.
 21. Prof. Bharathi V, “An Evolutionary Combinatorial Approach to Stumpy CMOS Transconductance Operational Apex Amplifier Design and Optimization”, ICTACT Journal on Microelectronics, Vol 9, Issue 2, pp 1568 - 1574, DOI : 10.21917, July 2023.
 22. Prof. Sincy Elezebeth Kuruvilla, “An Evolutionary Combinatorial Approach to Stumpy CMOS Transconductance Operational Apex Amplifier Design and Optimization”, ICTACT Journal on Microelectronics, Vol 9, Issue 2, pp 1568 - 1574, DOI : 10.21917, July 2023.
 23. Prof. Kiruthika K, “PMU Data Analysis and Cyber Security in Smart Grid”, TELEMATIQUE, Vol. 22, Issue 1, pp 2364 - 2371, ISSN: 1856-4194, Aug 2023.
 24. Dr. P Ebby Darney, “A Systematic Mapping Study of Recommendation Systems in Education”, International Journal for Research Trends and Innovation (IJRTI), Vol 8, Issue 10, pp 809 – 815, ISSN No: 2456-3315, Oct 2023.
 25. Dr. P Ebby Darney, “Raw Data Analysis of Deep Learning Possibilities for Breast Cancer Detection”, International Journal of Creative Research Thoughts (IJCRT), Vol 11, issue 11, pp 623 - 632, ISSN: 2320-2882, Nov 2023.
 26. Dr. P Ebby Darney, “Influence and Potential on Research Problems in Recommender Systems”, International Journal of Creative Research Thoughts (IJCRT), Vol. 11, Issue 10, pp 65-74, ISSN: 2320-2882, Oct 2023.



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27. Dr. P Ebby Darney, “Computational and Investigational Proportional Flow Study on Cd Nozzle”, International Journal for Multidisciplinary Research (IJFMR), Vol 5, Issue 6, pp 1 - 8, E-ISSN: 2582-2160, Nov 2023.
28. Dr. P Ebby Darney, “Simulation and Evaluation of the Superconducting Coils by Employing FEM”, International Journal of Science and Research (IJSR), Vol 13, Issue 3, pp 1479 - 1483, ISSN NO:2319-7064, March 2024.
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36. Prof. Avinash C M, “Smart Home Automation with Smart Metering using ZigBee Technology and Deep Belief Network”, 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), DOI:10.1109/IDCIoT59759.2024, January 2024.
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