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Publications-Journals

1. MS. P. Kokila, T. Mohana, D. Indumathi, A. Deepika, M. Mohanaselvi and **Dr.T.Gunasekar**, "Analysis of Gain and Directivity of 5.6ghz Microstrip Patch Array Antenna", Bioscience Biotechnology Research Communications, Volume 13, No.04 (Special Issue), pp.146-149, June 2020.
2. **Dr.T.Gunasekar**, C.Gopinath, N.Manoj, A.D.Naveena and T.Nandhini, "Smart Monitoring Vehicle for Bore Well Vehicle", International Journal of Scientific and Technology Research, February 2020.
3. Mr.V.Kumaresan, **Dr.T.Gunasekar**, P.Tamilarasu and P.Karthikeyan, "Development of Autonomous Machine for Rice Planting", International Journal of Scientific and Technology Research, February 2020.
4. S.Mahendrakumar and **Dr.T.Gunasekar**, "An Analyzing of Cross Layer Design for Implementing Adaptive Antenna Technique in Mobile Ad-Hoc Networks", Journal of Testing and Evaluation, Volume-47, Issue-6, pp.4128-4140, November 2019.
5. P.Tamilarasu, V.Kumaresan, **Dr.T.Gunasekar**, Dr.T.Logeswaran, M.Suresh, "Design of Automated Vehicle Fueling System", International Journal of Recent Technology and Engineering, November 2019.
6. K.Senthil Prakash and **Dr.T.Gunasekar**, "Enhancing Network Duration by Secured node Disjoint Clustering for Mobile Adhoc Network", Applied Mathematics & Information Sciences, September 2019.
7. **Dr.T.Gunasekar**, R.Sharmila, P.Sripavithra, M.Dhinesh, "Industrial Accident Prevention and Hybrid Pollution Control System", International Journal for research in Applied Science & Engineering Technology, Volume-7, Issue-3, pp.81195-1201, March 2019.
8. Mohanaprakash,K., and **T.Gunasekar**. "A Smart Alarm System for Women's Security." International Journal of Engineering and Management Research (IJEMR) 8.6 (2018): 89-92.
9. U.Jayalakshmi and **T.Gunasekar**, "Optimization based Congestion Management using Price based Demand Response Programs", Journal of Electrical and Power System Engineering, vol.03, no.01, pp-19-27, March 2017.
10. K.Senthil Prakash and **T.Gunasekar**, "Power Aware Qos Management in Nide-Disjoint Multipath Routing Protocol for Mobile Adhoc Networks", Asian Journal of Research in Social Sciences and Humanities, vol.6, no.10, pp.524-534, October 2016.
11. K.Senthil Prakash and **Dr.T.Gunasekar**, "A survey on End-to-End performance metrics of QoS-aware multicast routing protocols for mobile ad hoc networks", International Journal of Networking and Virtual Organizations, Vol.16, No.3, pp. 283-297, 2016.
12. S.Mahendra Kumar and **T.Gunasekar**, "Cross-Layer Design for Energy Efficient Multicast video transmission over Mobile Ad-HOC Networks", Asian Journal of Research in Social Sciences and Humanities, vol.6, no.9, pp.719-734, September 2016
13. S.Shoba, **T.Gunasekar** and A.Amuthaval, "Classification and Identification of Fault location and Direction by Directional Relaying schemes using ANN", International Journal of Emerging Technology in Computer Science and Electronics, vol.20, n0.2, pp.29-33, February 2016.

14. **T.Gunasekar** and Dr.R.Anita, 'Design and Implementation of solar PV for power quality enhancement in three-phase four-wire distribution system', Journal of Electrical Engineering and Technology(JEET), South Korea, vol.10. no.1, 2015.
15. **T.Gunasekar** and K.Cibimuthu, "A Novel approach for Blood Tests based on Image Processing Techniques", International Journal of Advanced Research in Electronics and Communication Engineering, vol.4, no.2, pp 314-317, February 2015.
16. P.Tamilshankar and **T.Gunasekar**, "Computer Aided Diseases Identification for Betal Leafs", International Research Journal of Engineering and Technology, vol.02, n0.9, pp.2577-2581, December 2015.
17. G.Prabhakaran and **T.Gunasekar**, "Mitigation of Power Quality Problems with Reduced Switches Using Unified Power Quality Conditioner", International Journal of Engineering Studies and Technical Approach, vol.2, no.2, pp.81-97, March 2015.
18. **T.Gunasekar**, G.Prabhakaran and S.JanaRanjini, "Power Quality Enhancement in Three-Phase Four-Wire Distribution System using Vector Fuzzy Controller", International Journal of Applied Engineering Research, vol.10, no.01, pp. 1094-1100, March 2015.

International/ National Conference:

1. **T.Gunasekar**, K.Prabhakaran and R.Janaranjini, 'Power Quality Enhancement in three phase four wire distribution system using Vector Fuzzy Controller', IEEE Sponsored International Conference on Intelligent Systems and Control, 9th January 2015 Coimbatore.
2. S.JanaRanjini, **T.Gunasekar** and S.Saravanan, "A Novel Four Phase Interleaved Boost Converter for a Standalone Hybrid Power System using Renewable Energy Sources", International Conference on Innovative Strategies in Renewable Energies and its Applications, on 5th and 6th March, 2015.
3. **T.Gunasekar** and K.Rajavelu, "Fault Detection and Isolation in Low Voltage DC Bus Micro-Grid", International Conference on Current Innovations in Engineering and Technology, Organized by RVS Technical Campus, on 27th December 2015.
4. S.Shoba and **T.Gunasekar**, "Classification and Identification of Fault location and Direction by Directional Relaying schemes using ANN", International Conference on Advances in Electrical, Electronics and Computational Intelligence, Organized by K.S.R College of Engineering, on 22nd February 2016.
5. **T.Gunasekar**, "Fault Location, Identification and Classification by Directional Relaying Schemes using ANN", National Conference on Advanced Computational Intelligence Systems, Organized by Nandha Engineering College, on 19th March 2016.
6. U.Jayalakshmi and **T.Gunasekar**, "Optimization based Congestion Management using Incentive based Demand Response Programs", National Conference on Emerging Technologies in Electrical Systems, Organized by Government College of Engineering, Salem, on 28th and 29th March 2017.
7. U.Jayalakshmi, **Dr.T.Gunasekar**, "Congestion Management by Price based Demand Response Programs", International Conference on Innovations in Information Embedded and Communication Systems, March 2017.
8. **Dr.T.Gunasekar**, "Generation of Wealthout of Electronic Waste", International Conference on Recent Innovations in Engineering, Technology and Management, Nandha Engineering College, March 2018.
9. **Dr.T.Gunasekar**, "Solar Power Automatic Turmeric Planting Machine", National Conference on Advanced in Computational Intelligence and Instrumentation Technology, Kongu Engineering College, March 2019.