

SHREE VENKATESHWARA HI-TECH ENGINEERING COLLEGE

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Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Gobichettipalayam – 638 455, Erode District, Tamilnadu



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING <u>LIST OF FACULTY PUBLICATIONS</u>

S.No	Academic Year	Faculty Name	Journal Name	Title of Paper	DOI/ISSN/ ISBN No	Impact Factor
1.	2021-2022	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Wireless Power Transfer Device Based on RF Energy Circuit and Transformer Coupling Procedure	DOI: https://doi.org/1 0.36548/jeea.20 21.3.006	0.86
2.	2021-2022	Dr. P. Karuppusamy	Journal of Electronics and Informatics	Design of Adaptive Estimator for Nonlinear control system in Noisy Domain",	DOI: https://doi.org/1 0.36548/jei.202 1.3.001 2582-3825.	1.004
3.	2021-2022	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Design of Inverter Voltage Mode Controller by Backstepping Technique for Nonlinear Power System Model	DOI: https://doi.org/1 0.36548/ jeea.2021.4.002 2582 - 3051	0.86
4.	2021-2022	Dr. P. Karuppusamy	Journal of Electronics and Informatics	Comparative Analysis an Early Fault Diagnosis Approaches in Rotating Machinery by Convolution Neural Network	DOI: https://doi.org/1 0.36548/jei.202 1.2.003 2582 – 3825	1.004
5.	2020-2021	Dr. P. Karuppusamy	Journal of Soft Computing Paradigm	Building Detection using Two-Layered Novel Convolutional Neural Networks	DOI: https://doi.org/1 0.36548/jscp.20 21.1.004 2582-2640	3.64
6.	2020-2021	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Integrated Renewable Energy Management System for Reduced Hydrogen Consumption using Fuel Cell	DOI: https://doi.org/1 0.36548/jeea.20	0.86



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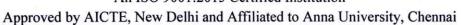
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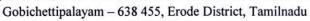
7.	2020-2021	Dr. P. Karuppusamy	Journal of Electronics and Informatics	A Sensor based IoT Monitoring System for Electrical Devices using Blynk framework	DOI: https://doi.org/1 0.36548/jei.202 0.3.005 2582-3825	1.004
8.	2020-2021	Dr. P. Karuppusamy	Journal of Artificial Intelligence and Capsule Networks	Artificial Recurrent Neural Network Architecture in Customer Consumption Prediction for Business Development	DOI: https://doi.org/1 0.36548/jaicn.2 020.2.004 2582-2012	0.657
9.	2020-2021	Dr. P. Karuppusamy	Journal of Soft Computing Paradigm	Effective Test Suite Optimization for Improving the Coverage Standards Using Hybrid Wrapper Filter Memetic Algorithm	DOI: https://doi.org/1 0.36548/jscp.20 20.2.001 2582-2640	3.64
10.	2020-2021	Dr. P. Karuppusamy	Journal of Soft Computing Paradigm	Hybrid Manta Ray Foraging Optimization for Novel Brain Tumor Detection	DOI: https://doi.org/1 0.36548/jscp.20 20.3.006 2582-2640	3.64
11.	2020-2021	Dr. P. Karuppusamy	Journal of Soft Computing Paradigm	Machine Learning Approach to Predictive Maintenance in Manufacturing Industry - A Comparative Study	0.36548/jscp.20	3.64
12.	2020-2021	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Modified Symbiotic Organisms Search for Plug-In Hybrid Electric Vehicles through Renewable Micro- Grids		0.86
13.	2020-2021	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Performance Analysis of Multiple Pico Hydro Power Generation	DOI: https://doi.org/1 0.36548/jeea.20 20.2.005 2582-3051	0.86

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14.	2020-2021	Dr. P. Karuppusamy	Neural Processing letters		https://doi.org/1 0.1007/s11063- 021-10550-6 2582 - 3051.	2.565
15.	2020-2021	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Advanced Metering Infrastructure with Secure Chord Lookup Protocol for IoT Systems	DOI: https://doi.org/1 0.36548/jeea.20 20.3.001 2582 - 3051	0.86
16.	2020-2021	Dr. R.Balraj	Emerald Publishing Limited	A Novel PV array interconnection scheme to extract maximum power based on global shade dispersion using grey wolf optimization algorithm under partial shading conditions	DOI 10.1108/CW- 07-2020-0143] 0305-6120	1.891
17.	2019-2020	Dr. P. Karuppusamy	Journal of Artificial Intelligence and Capsule Networks	Analysis of Neural Network Based Language Modeling	DOI: https://doi.org/1 0.36548/jaicn.2 020.1.006	1.657
18.	2019-2020	Dr. P. Karuppusamy	Journal of Electronics and Informatics	Design and Analysis of Low - Power, High - Speed Baugh Wooley Multiplier	DOI: https://doi.org/1 0.36548/jei.201 9.2.001 2582-3825	1.004
19.	2019-2020	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Synchronization of Reactive Power in Solar Based DG and Voltage Regulated Elements Using Stochastic Optimization Technique	DOI: https://doi.org/1 0.36548/jeea.20 20.1.006 2582- 3051.	0.86

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