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**Publications List**

<b>S. No.</b>	<b>Name of the Author</b>	<b>Title of the paper</b>	<b>Name of the Journal Publications</b>	<b>Publication Year</b>
1.	G Emayavaramban, S Divyapriya, VM Mansoor, <b>A Amudha</b> , M Siva Ramkumar, P Nagaveni, M SivaramKrishnan	SEMG based classification of hand gestures using artificial neural network	Materials Today: Proceedings, Elsevier	2020
2.	<b>A Amudha</b> , M Siva Ramkumar, G Emayavaramban, S Divyapriya, P Nagaveni, VM Mansoor, M SivaramKrishnan	Resonant converter L3C for E-vehicle for charging a PV battery	Materials Today: Proceedings, Elsevier	2020
3.	S Divyapriya, R Vijayakumar, M Siva Ramkumar, <b>A Amudha</b> , P Nagaveni, G Emayavaramban, Viyathukattuva Mansoor	IoT Enabled Drip Irrigation System with Weather Forecasting	2020 Fourth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC)	2020

4.	<b>A Amudha,</b> M Siva Ramkumar, VJ Vijayalakshmi, G Emayavaramban, Viyathukattuva Mansoor, S Divyapriya, P Nagaveni	Modeling, Simulation and Design of Luo Converter for DC Micro Grid Application	2020 Fourth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC)	2020
5.	M Siva Ramkumar, <b>A Amudha,</b> M Sivaramkrishnan, S Divyapriya, P Nagaveni, G Emayavaramban, Viyathukattuva Mansoor	Micro Grid based Low Price Residential Home to Grid-Modeling and Control of Power Management System	2020 Fourth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC)	2020
6.	S Divyapriya, G Emayavaramban, <b>A Amudha,</b> M Siva Ramkumar, P Nagaveni, VM Mansoor	Internet of things enabled plug in electrical vehicle based self maximum demand controller for shopping mall	Materials Today: Proceedings, Elsevier	2020
7.	K Balachander, <b>A Amudha,</b> M Siva Ramkumar, G Emayavaramban, S Divyapriya, P Nagaveni	Design and analysis of modified CUK converter for electric hybrid vehicle	Materials Today: Proceedings, Elsevier	2020
8.	M Siva Ramkumar, <b>A Amudha,</b> P Nagaveni, G Emayavaramban, S Divyapriya, VM Mansoor, M	Analysed results of DC-DC converters with softswitching techniques	Materials Today: Proceedings, Elsevier	2020

	SivaramKrishnan, D Kavitha			
9.	VM Mansoor, P Nagaveni, <b>A Amudha</b> , S Divyapriya, G Emayavaramban, M Siva Ramkumar, M SivaramKrishnan	Throwing light on lightning	Materials Today: Proceedings, Elsevier	2020
10.	P Nagaveni, <b>A Amudha</b> , M Siva Ramkumar, VM Mansoor, G Emayavaramban, S Divyapriya	Safety audit analyse–A case study report in printing machinery firm	Materials Today: Proceedings, Elsevier	2020
11.	G Emayavaramban, <b>A Amudha</b> T Rajendran, M Sivaramkumar K Balachandar T Ramesh	Identifying user suitability in sEMG based hand prosthesis using neural networks	Journal of Current Signal Transduction Therapy	2019
12.	Mansoor Viyathukattuva, <b>A Amudha</b> , M Siva Ramkumar, G Emayavarmban Gopalakrishnan	Relation between Solar PV Power Generation, Inverter Rating and THD	International Journal of Advanced Manufacturing Technology	2019
13.	S Senthil Kumar, D Kavitha, <b>A Amudha</b> , G Emayavaramban, M Siva Ramkumar	Analysis of new novelty multilevel inverter configuration with boost converters for a photovoltaic system with mppt.	Mathematical & Computational Forestry & Natural Resource Sciences	2019

14.	G Emayavaramban, S Ramkumar, <b>A Amudha,</b> K Sathesh Kumar	Classification of Hand Gestures Using FFNN and TDNN Networks	International Journal of Pure and Applied Mathematics	2018
15.	M Sivaram Krishnan, <b>A Amudha,</b> M Siva Ramkumar	Execution Examination Of Three Phase Ac To Three Phase Ac Matrix Converter Using Distinctive Transporter Based Exchanging Algorithms	International journal of Pure and Applied Mathimatics	2018
16.	S Divyapriya, <b>A Amudha,</b> R Vijayakumar	Automatic Frequency Response for Autonomous Distributed V2G (Vehicle-to-Grid) Using IoT Technology	Journal of Electrical Engineering	2018
17.	M Siva Ramkumar M Sivaram Krishnan <b>A Amudha</b>	Resonant Power Converter Using GA For PV Applications	International Journal of Electronics, Electrical And Computational System	2017
18.	M Sivaram Krishnan, M Siva Ramkumar, <b>A Amudha</b>	Frequency Deviation Control In Hybrid Renewable Energy System Using Fc-Uc	International Journal of Control Theory and Applications	2017
19.	Shashidhar Kasthala GKD Prasanna Venkatesan, <b>A Amudha</b>	MIMO PLC Channel Modelling on Indian Residential Networks	International Journal of Applied Engineering Research	2017
20.	Shashidhar Kasthala, GKD Prasanna Venkatesan, <b>A Amudha</b>	Design and Development of Protective Coupling Interface for Characterizing the Residential Broadband PLC Channel	Journal of Advanced Research in Dynamical and Control Systems	2017
21.	S Selvaperumal, P Nedumal Pugazhenth, <b>A Amudha</b>	Closed loop performance investigation of various controllers based chopper fed DC drive in marine applications	NISCAIR-CSIR, India	2017
22.	S Divyapriya, <b>A Amudha,</b> R Vijayakumar	Design of renewable energy based pevs charging station with energy management technique	Journal of Advanced Research in Dynamical and Control Systems	2017

23.	R Vijayakumar, <b>A Amudha,</b> S Divyapriya	Smart Electric Vehicle Charging Infrastructure Using Internet of Things	International Journal of Innovations & Advancement in Computer Science IJIACS	2017
24.	<b>A Amudha</b>	Home automation using IOT	International Journal of Electronics Engineering Research	2017
25.	MR Latha, S Kuppusamy, <b>A Amudha,</b> K Balachander, M Siva Ramkumar	An Efficient Single Stage Converter Based Pv-Dvr For Improving Voltage Quality	International Journal of Control Theory and Applications	2017
26.	<b>A Amudha,</b> M Siva Ramkumar, M Sivaram Krishnan	Perturb and Observe Based Photovoltaic Power Generation System For Off-Grid Using Sepic Converter	International Journal of Pure and Applied Mathematics	2017
27.	K Balachander, <b>A Amudha</b>	Design and Hardware Implementation of Interleaved Boost Converter Using Sliding Mode Approach	International Journal of Electronics Engineering Research	2017
28.	M Siva Ram Kumar <b>A Amudha</b> R Rajeev	Optimization For A Novel Single Switch Resonant Power Converter Using Ga To Improve Mppt Efficiency Of Pv Applications	International Journal of Applied Engineering Research	2016
29.	G Emayavaramban, <b>A Amudha</b>	Recognition of sEMG for prosthetic control using static and dynamic neural networks	International Journal of Control Theory and Applications	2016
30.	K Nithiyananthan, T Samson Raja, R Sundar, <b>A Amudha</b>	Virtual stability estimator model for three phase power system network	Indonesian Journal of Electrical Engineering and Computer Science	2016
31.	D Manoharan, <b>A Amudha</b>	Condition Monitoring And Life Extension of EHV Transformer	International Journal of Applied Engineering Research	2015
32.	K Balachander, <b>A Amudha</b>	Energy audit and renewable energy system modelling.	Middle East Journal of Scientific Research	2015
33.	Balachander Kalappan, <b>A Amudha</b>	Cost Effective Analysis of Variation of Altitude of Wind Turbine System	World Applied Sciences Journal	2015