



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### Faculty Publication Details (2019-2020)

S.N O	Name of the authors	Title of the paper	Title of the journal	Year	DOI / ISBN/ISSN Number	Indexed in (Scopus, WOS, SCI, UGC)
1	Dr.T.MUTHAMIZHAN	A Security Model For Web Based Fuzzy Logic Direct Torque Control Of Induction Motor Drive	IETE Journal Of Research (Taylor&Francis)	2019	ISSN 0377-2063	SCI
2	Dr.G.PRAKASH	A Modified Static Gain SEPIC Converter Renewable Applications	AIP Conference Proceedings	2019	2112, 020113 (2019),doi: <a href="https://doi.org/10.1063/1.5112298">https://doi.org/10.1063/1.5112298</a>	SCOPUS
3	VIJAYARAJA.L	Design of 31-Level Asymmetric Inverter with Optimal Number Of Switches	IEEE Digital Library	2020	10.1109/INCOS45849.2019.8951354	SCOPUS
4	EZHILARASI.G	Analysis Of Various PWM Schemes For The Design Of asymmetric Single phase 31 Level Cascaded Mli	International Journal Of Advanced Science And Technology	2020	ISSN: 2207-6360	SCOPUS



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5	EZHILARASI.G	Direct AC/DC Power Converter Using Auxiliary Circuits	International Journal Of Advanced Science And Technology	2020	ISSN: 2207-6360	SCOPUS
6	EZHILARASI.G	Performance Analysis Of PV Based DC-AC Converter For Dielectric Heating	Journal Of Critical Reviews	2020	ISSN- 2394-5125	SCOPUS
7	VIJAYARAJA L	Implementation of Twenty Seven Level And Fifty One Level Inverter Using Constant Voltage Sources	IEEE Digital Library	2020	10.1109/CHILECON47746.2019.8987978	SCOPUS
8	SASIKALA.A	Fire Detection Using Artificial Intelligence For Fire-Fighting Robots	IEEE Digital Library	2020	<a href="https://doi.org/10.1109/CICCS48265.2020.9121017">https://doi.org/10.1109/CICCS48265.2020.9121017</a>	SCOPUS
9	SASIKALA.A	Military Support And Rescue Robot	IEEE Digital Library	2020	<a href="https://doi.org/10.1109/CICCS48265.2020.9121041">https://doi.org/10.1109/CICCS48265.2020.9121041</a>	SCOPUS
10	MAHESWARIE Dr.T.MUTHAMIZHAN	Solar Energy Based Laptop Charger Using Quadratic Boost Converter	International Journal Of Advanced Science And Technology	2020	ISSN: 2207-6360	SCOPUS



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11	Dr.T.MUTHAMIZHAN, MAHESWARIE	Investigations on On-Board Charger With Simultaneous Charging Of Low Voltage Battery For Electrical Vehicles	International Journal Of Advanced Science And Technology	2020	ISSN: 2207-6360	SCOPUS
12	RATHNAVEL P RAYAVEL P.	Energy Saving Light Monitoring And Control Architecture Using Arduino	International Journal Of Innovative Technology And Exploring Engineering	2019	ISSN: 2278-3075	SCOPUS
13	RATHNAVEL P	PV Powered Standardised Irrigation System Using Soil Moisture Sensor	ICACCS 2020	2020	<b>DOI:</b> 10.1109/ICACCS48705. 2020.9074250	SCOPUS
14	DHANASEKAR R	Improved Speed Control Of BLDC Motor Using Luo Converter By Sliding Mode Control	IEEE CHILEAN CHILECON 2019	2019	<b>DOI:</b> 10.1109/CHILECON47 746.2019.8987981	SCOPUS



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15	ANBAZHAGAN A.	Power Quality Research On Three-Phase PFC Rectifier (Minnesota Rectifier)	International Journal Of Engineering and Advanced Technology	2019	ISSN: 2249-8958 (Online)	SCOPUS
16	MAHESWARIE	Design Of A Simplified 7 Level Inverter	IJITEE	2019	2278-3075	UGC
17	Dr.T.MUTHAMIZHAN	Novel Control Scheme For Z-Source Inverter Based Wind Energy Conversion Systems	Waffen-Und Kostumkunde Journal	2020	ISSN NO: 0042-9945	UGC

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1	Dr.T.MUTHAMIZHAN	Harmonic Reduction in Single Boost Converter Fed DC Motor with EMI Input Filter	International Journal of Power Electronics and Drive Systems	June 2018	2088-8694	SCOPUS
2	Dr.T.MUTHAMIZHAN	Performance Analysis of Standalone Solar PV Powered Induction Motor Drive using Analog-Circuit based MPPT Algorithm	Journal of Advanced Research in Dynamical and Control Systems	October 2018	1943-023X	SCOPUS



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3	P.Rathnavel	Energy Efficient Light Monitoring and Control Architecture Using Embedded System	International journal of recent Technology and Engineering	January 2019	2277-3878	SCOPUS
4	S.Sivarajeswari	Design and Development of Efficient Luo Converters for DC microgrid	International journal of Electrical Engineering Education.	April 2019	2050-4578 Doi.org/10.1177/0020720919845152	SCOPUS

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