



PARVATHAREDDY BABUL REDDY
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

List of Faculty Paper Publications

ACADEMIC YEAR: 2021-2022

S.NO	Title of the Paper	Name of the author/s	Department	Name of journal	Year of publication	ACADEMIC YEAR	ISSN NUMBER	Link to the recognition in UGC enlisted Journal / Digital Object Identifier (doi) Number
1	Sub-synchronous Oscillation in DFIG and SVG: Coordinated Damping Optimization Control	CH.SRINIVASULU REDDY	EEE	IJMMSA	VOL 13,ISSUE 1,JAN 2022	2021-22	ISSN:0973-8355	http://ijmmsa.com/ijmmsaadmin/upload/ijlbrp_650da7f60d2cd.pdf
2	Modifying an Intelligent Video Surveillance System with Multiple Processors	A.BHAKTHAVACHALA	EEE	JBST	VOL 9(3),2021,446-448	2021-22	ISSN:0976-0172	https://jstomline.in/admin/uploads/Customizing%20multiple%20processors%20Implementation%20of%20an%20Automated%20https://jstomline.in/admin/uploads/Design%20of%20a%20v
3	Building a Flexible and Economical Voltage-to-Digital Converter for Medical Equipment	M.SREENU	EEE	JBST	VOL 9(4),2021,446-448	2021-22	ISSN:0976-0172	https://jstomline.in/admin/uploads/Design%20of%20a%20v
4	TMS320LF2407A-based digital charger for electric vehicles	T.HARI BABU	EEE	JCS JOURNAL	VOL 9,ISSUE 3,JULY 2021	2021-22	ISSN:9726-001X	https://jcsjournal.com/admin/uploads/Digital%20Charger%20Powersource%20for%20Electric%20Vehicle%20Based%20on%20TMS320LF2407A.pdf
5	The use of D.O.A. estimate in communication satellite attitude determination	P.RAJAY LAKSHMI	EEE	JCS JOURNAL	VOL 9,ISSUE 4,OCT 2021	2021-22	ISSN:9726-001X	https://jcsjournal.com/admin/uploads/DOA%20estimation%20for%20attitude%20determination%20on%20communication%20satellites.pdf
6	Wind power integration and energy management for vehicle-to-grid systems	V.MASTHANAIHAH	EEE	JCS JOURNAL	VOL 10,ISSUE 01,JAN 2022	2021-22	ISSN:9726-001X	https://jcsjournal.com/admin/uploads/Energy%20Management%20and%20Optimization%20of%20Vehicle.pdf
7	Per-core frequency scaling for energy-efficient resource allocation in multicore processors	S.MUNIRAJA	EEE	JCS JOURNAL	VOL 10,ISSUE 2,APR 2022	2021-22	ISSN:9726-001X	https://jcsjournal.com/admin/uploads/Energy.pdf
8	Droop-Controlled DC Microgrids: Mesh and Radial Configurations for Improved Load Power Sharing	G.VENGALA RAO	EEE	appliedgis	VOL 9,ISSUE 3,JULY 2021	2021-22	ISSN:1832-5505	https://appliedgis.net/admin/uploads/Enhanced%20Load%20Power%20Sharing%20Accuracy%20in%20Droop.pdf
9	One switching reluctance motor drive and two inverter-fed induction motor drives were compared in terms of environmental impact and total life cycle cost	G.SUMAN	EEE	appliedgis	VOL 09,ISSUE 4,OCT 2021	2021-22	ISSN:1832-5505	https://appliedgis.net/admin/uploads/Environmental%20and%20life%20cycle%20cost%20analysis%20of%20one%20switched%20reluctance%20motor%20drive%20and%20two%20inverter.pdf
10	Tolerable False Data Injection Attacks in Smart Grids: Detection through Extended Distributed State Estimation	M.GIRI BABU	EEE	appliedgis	VOL 10,ISSUE 01,JAN 2022	2021-22	ISSN:1832-5505	https://appliedgis.net/admin/uploads/Extended%20Distributed%20State%20Estimation.pdf
11	Electrical Power Traction Line Fault Localization	CH.SWAPNA	EEE	appliedlaser	VOL 28,NO 3,JULY 2021.PP 1-5	2021-22	ISSN:1000-372X	https://appliedlasertechnology.com/admin/uploads/Fault%20Location%20in%20Power%20Electrical%20Traction%20Line%20System.pdf
12	Underdetermined blind identification using a generalized generating function, tucker decomposition, and alternating least squares	G.HARI BABU	EEE	appliedlaser	VOL 28,NO.4,OCT 2021,PP01-05	2021-22	ISSN:1000-372X	https://appliedlasertechnology.com/admin/uploads/Generalized%20generating%20function%20with%20tucker%20decomposition%20and%20alternating%20least%20squares%20for%20underdetermined%20blind%20identification.pdf
13	ISAR imaging at high resolution in the bistatic radar receiver canted region	Y.SIVA PRASAD	EEE	appliedlaser	VOL 29,NO.1,JAN 2022,PP-1-5	2021-22	ISSN:1000-372X	https://appliedlasertechnology.com/admin/uploads/High%20resolution%20ISAR%20imaging%20in%20receiver%20centered%20region%20in%20bistatic%20rada.pdf
14	Brushless DC motor speed regulation with a fuzzy PID controller	P.ANIL KUMAR REDDY	EEE	hms	VOL 17,ISSUE 1,JUNE 2021	2021-22	ISSN:1300-669	https://hmsjournal.com/admin/uploads/Hybrid%20Fuzzy%20Fractional.pdf
15	ECG Task Performance Tuning and IoT Data Compression Optimization Through Dynamic-Deep Learning	M.GIRI BABU	EEE	IJESR	VOL 11,ISSUE 3,JULY 2021	2021-22	ISSN:2277-2685	https://ijesr.org/admin/uploads/Dynamic.pdf
16	Problems with Sustainable Development Education	G.VENGALA RAO	EEE	IJESR	VOL 11,ISSUE 4/1-6, OCT 2021	2021-22	ISSN:2277-2685	https://ijesr.org/admin/uploads/Education%20for%20Sustainable%20Development%20Barriers.docx.pdf

S.NO	Title of the Paper	Name of the author/s	Department	Name of journal	Year of publication	ACADEMIC YEAR	ISSN NUMBER	Link to the recognition in UGC enlisted Journal / Digital Object Identifier (doi) Number
17	Authentication of Data at Every Stage a Deep Learning Model for Protecting Internet of Things Setups	G.SUMAN	EEE	IJESR	VOL 12,ISSUE 1,JAN 2021	2021-22	ISSN:2277-2685	https://ijesr.org/admin/uploads/End-to-End%20Data%20Authentication%20Deep%20Learning%20Model%20for%20Protecting%20IoT%20Configurations.pdf
18	Using the MATLAB R Audio System Toolbox™ to Improve a Real-Time Audio Laboratory	G.HARI BABU	EEE	IJBAR	VOL 12,ISSUE 3,JULY 2021	2021-22	ISSN:2249-3352	https://ijbar.org/admin/uploads/Enhancing%20a%20Real.pdf
19	Architecture for Fault-Tolerant Embedded Systems	Dr.RAJASELVAM	EEE	IJBAR	VOL 12,ISSUE 4,JULY 2021	2021-22	ISSN:2249-3352	https://ijbar.org/admin/uploads/Fault%20Tolerant%20System%20for%20Embedded%20System%20Architecture.pdf
20	Hand-Held Remotely Operated Robotic Arm	A.BHAKTHAVACHALA	EEE	HMS	VOL 17,ISSUE 2,JULY 2021	2021-22	ISSN:1300-669	http://hmsjournal.com/admin/uploads/Internet%20Controlled%20Robotic%20Arm.pdf
21	The IoT's Potential for Smarter Cities, Farms, and Hospitals	Dr.V.MADHU SUDHAN RED	EEE	HMS	VOL 18,ISSUE 1,JULY 2021	2021-22	ISSN:1300-669	http://hmsjournal.com/admin/uploads/INTERNET%20OF%20THINGS.pdf
22	Using Internet of Things Data to Boost CRM	Y.SIVA PRASAD	EEE	JBST ONLINE	VOL 9(4),2012,446-448	2021-22	ISSN:0976-0172	https://jbstonline.in/admin/uploads/Data%20Mining,%20Dashboards%20and%20statistics%20a%20powerful%20framework%20for%20the%20chemical%20design%20of%20molecular%20nanomaterials.pdf
23	Histopathological Breast Cancer Image Analysis Using Deep Learning	V.MASTHANAI AH	EEE	JBST ONLINE	VOL 10(1),2021,446-448	2021-22	ISSN:0976-0172	https://jbstonline.in/admin/uploads/Deep%20Learning%20Based%20Analysis%20of%20Histopathological%20Images%20of%20Breast%20Cancer.pdf
24	Clock gating and a carry select adder are the foundations of this low-power aluminized copper oxide (Alu) design.	T.HARI BABU	EEE	jcs journal	VOL 09,ISSUE 3,JULY 2021	2021-22	ISSN:9726-001X	https://jcsjournal.com/admin/uploads/Design%20and%20Implementation%20of%20Low%20Power%20Alu%20Using%20Clock.pdf
25	Using the Internet of Things to Create a Feminine Safety Device	S.MUNIRAJA	EEE	jcs journal	VOL 09,ISSUE 4,OCT 2021	2021-22	ISSN:9726-001X	https://jcsjournal.com/admin/uploads/Design%20of%20a%20Smart%20Safety%20Device%20for%20Women%20using%20IoT.pdf
26	The Development of an Efficient Approximate Multiplier Using Rounding Techniques	P.RAJAY LAKSHMI	EEE	jcs journal	VOL 10,ISSUE 1,JAN 2022	2021-22	ISSN:9726-001X	https://jcsjournal.com/admin/uploads/DESIGN%20OF%20AN%20ENERGY%20EFFICIENT%20ROUNDING%20TECHNIQUES.pdf
27	An Introduction to Distributed Intelligence and Its Use in Multi-Robot Systems	M.SRINU	EEE	jcs journal	VOL 10,ISSUE 2,APRIL 2022	2021-22	ISSN:9726-001X	https://jcsjournal.com/admin/uploads/Distributed%20Intelligence.pdf
28	Electrical Power Traction Line Fault Localization	V.MASTHANAI AH	EEE	IJCNWC	Jul-22	2021-22	ISSN:2250-3501	https://ijcnwc.com/admin/uploads/Electrical%20Power%20Traction%20%20JULY-2023.pdf
29	Sub-synchronous Oscillation in DFIG and SVG, Controlled by Cooperative Damping Optimization	V.MASTHANAI AH	EEE	IJCNWC	Jul-22	2021-22	ISSN:2250-3501	https://ijcnwc.com/admin/uploads/Sub-synchronous%20Oscillation%20-2022.pdf
30	Fault current limiting devices for a 110 kV/100 MW power network: a comparison of superconducting and conventional technologies	P.RAJAY LAKSHMI	EEE	YIDDISH	Oct-21	2021-22	ISSN:0364-4308	https://yiddishjournal.com/admin/uploads/Fault%20current%20limiting%20devices%20for%20a%20%20-2021.pdf
31	Electrical Power Traction Line Fault Localization	P.RAJAY LAKSHMI	EEE	IJCNWC	Jul-22	2021-22	ISSN:2250-3501	https://ijcnwc.com/admin/uploads/Electrical%20Power%20Traction%20%20JULY-2023.pdf
32	Sub-synchronous Oscillation in DFIG and SVG, Controlled by Cooperative Damping Optimization	CH.SRINIVASULU REDDY	EEE	IJCNWC	Jul-22	2021-22	ISSN:2250-3501	https://ijcnwc.com/admin/uploads/Sub-synchronous%20Oscillation%20-2022.pdf
33	Fault current limiting devices for a 110 kV/100 MW power network: a comparison of superconducting and conventional technologies	CH SWAPNA	EEE	YIDDISH	Oct-21	2021-22	ISSN:0364-4308	https://yiddishjournal.com/admin/uploads/Fault%20current%20limiting%20devices%20for%20a%20%20-2021.pdf

Sd/- Head of the Department