



PARVATHAREDDY BABUL REDDY
VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Number of papers published by faculty

A.Y.: 2020-21

S.No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal	SCI/UGC/S COPUS
1	Design of Wideband Elliptical Ring Monopole Antenna Using Characteristic Mode Analysis	Dr. A. Maheswara Rao	Journal of Electromagnetic Engineering and Science	September, 2021	2671- 7263	http://jees.kr/journal/view.php?number=3451	SCIE / SCOPUS
2	Design of a wideband hexagonal monopole antenna with L-slot using characteristic mode analysis	Dr.A.Maheswara Rao	International Journal of Electronics	24-Jan-21	1340-1359	https://www.tandfonline.com/doi/abs/10.1080/00207217.2020.1870723	SCIE / SCOPUS
3	Design and Analysis of Dual Band-Notched UWB Antenna Using a Slot in Feed and Asymmetrical Parasitic stub	Dr.A.Maheswara Rao	IETE Journal of Research	Sep-20	0377-2063	https://www.tandfonline.com/doi/full/10.1080/03772063.2020.1816226	SCIE
4	A compact fractal dual high frequency band notched UWB antenna with a novel SC-DGS	Dr.A.Maheswara Rao	Analog Integrated Circuits and Signal Processing	Jan-21	1573-1979	https://link.springer.com/article/10.1007/s10470-020-01774-y	SCI (Springer)
5	A Novel Dual Band Notched MIMO UWB Antenna	Dr.A.Maheswara Rao	Progress In Electromagnetics Research Letters	Sep-20	1937-6480	https://www.jpier.org/issues/volume.html?paper=20080101	SCI
6	Automatic Navigation Of USV For Floating Aquatic Weed Removal In Lake	Dr. A. S. V. Sarma	Advances and Applications in Mathematical Sciences	2021	0974-6803	https://www.mililink.com/upload/article/306952929aams_vol_2012_october_2021_a25_p3205-3218_ravi_sraavanthi_and_a.s.v.sarma.pdf	WEB OF SCIENCE
7	Frequency Modulated Pulse Compression For Enhancement Of Radar Range Resolution	Dr. S. V. Subba Rao	Article in Press: Microprocessors and Microsystems	Nov-20	0141-9331	https://doi.org/10.1016/j.micpro.2020.103454	SCI
8	Enhanced Noise Tolerance Levels for Digital Receiver using Non-Linear Frequency Modulation	Dr. S. V. Subba Rao	Turkish Journal of Computer and Mathematics Education	April 2021	1857-1864	https://turcomat.org/index.php/turkbi/amat/article/view/3086	SCI
9	A Novel Approach for Design of Receiver front end for Radars	Dr. S. V. Subba Rao	International Journal of Innovative Research in Technology	Jan-21	2349-6002	https://ijirt.org/master/publishedpaper/IJIRT150605_PAPER.pdf	SCI
10	Characteristic Mode Analysis of a Circular Microstrip Wideband Antenna	Dr.A.Maheswara Rao	Elsevier Materials Today: Proceedings	Dec-20	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785320385357	SCOPUS
11	Analysis of Microstrip Patch Antenna with Loading Slot using Characteristic Modes	Dr.A.Maheswara Rao	IEEE 7th International Conference on Smart Structures and Systems (ICSSS)	Jul-20	ISBN:978-1-7281-7228-6	https://ieeexplore.ieee.org/document/9202029	SCOPUS

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12	A Novel Approach for Design of Receiver front end for Radars	Dr.S.V Subba Rao	International Journal of Innovative Research in Technology	January, 2021	2349-6002	https://ijirt.org/master/publishedpaper/IJIRT150605_PAPER.pdf	UGC
13	New approach to Design of Reversible BCD Adder	M. Surekha	International Research Journal on Advanced Science Hub (IRJASH)	August, 2020	2582-4376	International Research Journal on Advanced Science Hub (rspsciencehub.com)	UGC
14	Remote Controlled Surface Vehicle for Removal of Floating Water Plants from Inland Water Bodies	Dr. A. S. V. Sarma	International Conference on Innovations in Electronics, Electrical & Communication Technologies (ICIEECT-21)	2021	ICIEECT-21	https://www.mililink.com/upload/article/306952929aams_vol_2012_october_2021_a25_p3205-3218_ravi_sravanthi_and_a.s.v.sarma.pdf	UGC
15	Android Controlled Fire Fighter Robot	M. Pavitra	International Journal for Recent Developments in Science & Technology	August, 2020	2581-4579	http://ijrdst.org/public/uploads/paper/988141639969483.pdf	UGC
16	Android Controlled Fire Fighter Robot	N. Chinabanu	International Journal for Recent Developments in Science & Technology	August, 2020	2581-4579	http://ijrdst.org/public/uploads/paper/988141639969483.pdf	UGC
17	Arduino Based Security System for Women	M. Rama Mohan Reddy,	International Journal for Recent Developments in Science & Technology	August, 2020	2581-4575	http://ijrdst.org/public/uploads/paper/555161639969316.pdf	UGC
18	Arduino Based Security System for Women	Lallam Vasu	International Journal for Recent Developments in Science & Technology	August, 2020	2581-4575	http://ijrdst.org/public/uploads/paper/555161639969316.pdf	UGC
19	Arduino Based System to Measure Solar Power	M.Venkataratnam	International Journal for Recent Developments in Science & Technology	August, 2020	2581-4576	http://ijrdst.org/public/uploads/paper/612051639968760.pdf	UGC
20	Arduino Based System to Measure Solar Power	D.Yalamanda	International Journal for Recent Developments in Science & Technology	August, 2020	2581-4576	http://ijrdst.org/public/uploads/paper/612051639968760.pdf	UGC
21	Detecting Bio-Metric Finger Patterns Using Lsb Substitution Machine Learning Method	M. R. Arun	European Journal of Molecular & Clinical Medicine	August, 2020	2515-8260	https://ejmcm.com/pdf_11569_5ffd1843f0df6708083ba0c009549884.html	UGC
22	Frequency Modulated Pulse Compression For Enhancement Of Radar Range Resolution	Dr.S.V Subba Rao	Microprocessors and Microsystems	November, 2020	0141-9331	https://www.sciencedirect.com/science/article/abs/pii/S0141933120306086?via%3Dihub	UGC
23	Selfish Node Avoidance Using Adaptive Trust Computation Model in WSN	Dr.N.Satheesh Kumar	European Journal of Molecular & Clinical Medicine	December, 2020	2515-8260	https://ejmcm.com/article_6832_211bcb3e10f29116e6b3d18e272fc775.pdf	UGC
24	Frequency and Time Domain Characteristics of a Novel Compact Fractal Dual Band Notched UWB Antenna	Dr.A.Maheswara Rao	International Journal of Electronics	Sep-20	2501-450		UGC

S.No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal	SCI/UGC/S COPUS
25	Defect Detection Based on Segmentation of thermographic Images of Frequency Modulated Thermal Wave Imaging	V. Phani Bhushan	International Journal of Engineering and Advanced Technology (IJEAT)	February, 2021	2249-8958	https://www.ijeat.org/portfolio-item/c22410210321/	UGC
26	An advanced baby monitoring and alert system on Raspberry pi	Dr.N.Satheesh Kumar	Journal of Information and Computational Science	March, 2021	1548-7741	http://www.joics.net/currentissue.php?id=96	UGC
27	Trust Computation Using Bottom-Up Parser Approach In Manet	Dr.N.Satheesh Kumar	IT in Industry	March, 2021	2204-0595	https://it-in-industry.org/index.php/itii/article/view/263/226	UGC
28	Enhanced Noise Tolerance Levels for Digital Receiver using Non-Linear Frequency Modulation	Dr.S.V Subba Rao	Turkish Journal of Computer and Mathematics Education(TURCOMAT)	April, 2021,	1309-4653(Online)	https://turcomat.org/index.php/turkbiimat/article/view/3086/2650	UGC
29	EERP: Intelligent Cluster based Energy Enhanced Routing Protocol Design over Wireless Sensor Network Environment	Dr.N.Satheesh Kumar	International Journal of Modern Agriculture	May, 2021	2305-7246	http://www.modern-journals.com/index.php/ijma	UGC
30	FPGA implementation of RF power gating with low power technique of adapative Radios	M.Pavitra	The International journal of analytical and experimental modal analysis	May, 2021	0886-9367	International Research Journal on Advanced Science Hub (rspsciencehub.com)	UGC
31	A Remote HRV based on IOT (Heart Rate Variability) Monitoring system for hypertensive patients	A.Suman Kumar Reddy	International Journal for Recent Developments in Science & Technology	May, 2021	2581-4575	http://ijrdst.org/public/uploads/paper/606411639969077.pdf	UGC
32	A Remote HRV based on IOT (Heart Rate Variability) Monitoring system for hypertensive patients	M. Sreehari	International Journal for Recent Developments in Science & Technology	May, 2021	2581-4575	http://ijrdst.org/public/uploads/paper/606411639969077.pdf	UGC
33	In Heavy Industries, A Safety System for Mine Workers	V. Phani Bhushan	International Journal for Recent Developments in Science & Technology	May, 2021	2581-4577	http://ijrdst.org/public/uploads/paper/751171639968835.pdf	UGC
34	In Heavy Industries, A Safety System for Mine Workers	R.S. Pratap Singh	International Journal for Recent Developments in Science & Technology	May, 2021	2581-4577	http://ijrdst.org/public/uploads/paper/751171639968835.pdf	UGC
35	TTS-Based AI-Based Assistance for Visually Impaired People (Text to Speech)	V.Narayana Reddy	International Journal for Recent Developments in Science & Technology	May, 2021	2581-4578	http://ijrdst.org/public/uploads/paper/901801639968921.pdf	UGC
36	TTS-Based AI-Based Assistance for Visually Impaired People (Text to Speech)	Sk.Rasool	International Journal for Recent Developments in Science & Technology	May, 2021	2581-4578	http://ijrdst.org/public/uploads/paper/901801639968921.pdf	UGC
37	Improving the Speed of Non-Negative Matrix Factorization for Audio Source Separation on Multi-Core and Many-Core Architectures	V. Bharath Kumar	Advanced Engineering Science (AES)	April, 2021	2096-3246	https://advancedengineeringciences.com/pdf/AES_346.pdf	UGC

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38	Improving the Speed of Non-Negative Matrix Factorization for Audio Source Separation on Multi-Core and Many-Core Architectures	Kunda Kiranmayi Jyothis	Advanced Engineering Science (AES)	April, 2021	2096-3246	https://advancedengineeringsciences.com/pdf/AES_346.pdf	UGC
39	Improved Image Clarity in Low-Light Conditions Using a Design Inspired by Biological Vision	Dr.A.S.Viswanadha Sarma	Advanced Engineering Science (AES)	August, 2020	2096-3246	https://advancedengineeringsciences.com/pdf/AES_347.pdf	UGC
40	Improved Image Clarity in Low-Light Conditions Using a Design Inspired by Biological Vision	G.Sivanjaneya Reddy	Advanced Engineering Science (AES)	August, 2020	2096-3246	https://advancedengineeringsciences.com/pdf/AES_347.pdf	UGC
41	The Effect of a Weakly Varying Field and Spin-Lattice Interaction in a Zero Constant Field on the Magnetization Dynamics of a Material Containing Spin Triplet States	Ramrajsingh Prathap Singh	Advanced Engineering Science (AES)	April, 2021	2096-3246	https://advancedengineeringsciences.com/pdf/AES_349.pdf	UGC
42	The Effect of a Weakly Varying Field and Spin-Lattice Interaction in a Zero Constant Field on the Magnetization Dynamics of a Material Containing Spin Triplet States	Nalathoti China Babu	Advanced Engineering Science (AES)	April, 2021	2096-3246	https://advancedengineeringsciences.com/pdf/AES_349.pdf	UGC
43	An Audio Captioning Method Based On Reinforcement Learning With CRNN and GRU	J. Sujitha	International Journal of Computer Networks and Wireless Communications (IJCNWC)	Dec, 2020	2250-3501	https://ijcnwc.com/admin/uploads/DEC-2020.pdf	UGC
44	An Audio Captioning Method Based On Reinforcement Learning With CRNN and GRU	K. Uma	International Journal of Computer Networks and Wireless Communications (IJCNWC)	Dec, 2020	2250-3501	https://ijcnwc.com/admin/uploads/DEC-2020.pdf	UGC
45	Planning for a Group of Robots to Explore and Map an Area	A Suman Kumar Reddy	International Journal of Computer Networks and Wireless Communications (IJCNWC)	Feb-21	2250-3501	https://ijcnwc.com/admin/uploads/FEB-2021.pdf	UGC
46	Planning for a Group of Robots to Explore and Map an Area	G.Sivanjaneya Reddy	International Journal of Computer Networks and Wireless Communications (IJCNWC)	Feb-21	2250-3501	https://ijcnwc.com/admin/uploads/FEB-2021.pdf	UGC
47	A Review: Pattern Formation and Multi-robot system adaptation	Rayala Ranjit Kumar	International Journal of Applied Science Engineering and Management (IJASEM)	Feb-21	2454-9940	https://ijasem.org/ijasemadmin/uploads/ijlbpr_6461db1c6860d.pdf	UGC
48	A Review: Pattern Formation and Multi-robot system adaptation	R. Sateesh	International Journal of Applied Science Engineering and Management (IJASEM)	Feb-21	2454-9940	https://ijasem.org/ijasemadmin/uploads/ijlbpr_6461db1c6860d.pdf	UGC

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49	A Radio-Broadcast System for Inter-Train Communication	Dr.G.Sai Kumar	Applied Laser Technology	Oct-20	1000-372X	https://appliedlasertechnology.com/admin/uploads/OCT-2020.pdf	UGC
50	A Radio-Broadcast System for Inter-Train Communication	D Umamaheswara Reddy	Applied Laser Technology	Oct-20	1000-372X	https://appliedlasertechnology.com/admin/uploads/OCT-2020.pdf	UGC
51	Solution of Nanomagnetic Iron Oxide Used In Wheat Plants for Fertilization	Alla Venka Reddy	Applied Laser Technology	May-21	1000-372X	https://appliedlasertechnology.com/admin/uploads/SOLUTION%20OF%20NANOMAGNETIC%20%20MAY-2021.pdf	UGC
52	Solution of Nanomagnetic Iron Oxide Used In Wheat Plants for Fertilization	Ch.Pavan Kumar	Applied Laser Technology	May-21	1000-372X	https://appliedlasertechnology.com/admin/uploads/SOLUTION%20OF%20NANOMAGNETIC%20%20MAY-2021.pdf	UGC
53	The use of a Neural Network Algorithm for 5G Network Simulation in a Smart City Environment	Dr.Dodla Prathyusha Reddy	YIDDISH	01-06-2020	0364-4308	https://yiddishjournal.com/admin/uploads/The%20use%20of%20a%20Neural%20Network%20-2020.pdf	UGC
54	The use of a Neural Network Algorithm for 5G Network Simulation in a Smart City Environment	M Madhuri	YIDDISH	01-06-2020	0364-4308	https://yiddishjournal.com/admin/uploads/The%20use%20of%20a%20Neural%20Network%20-2020.pdf	UGC
55	Downlink beamforming in a two-tier macro femtocell network with decentralized spectrum allocation and partitioning	V. Narayna Reddy	International Joutnal of Applied Science Engineering and Management	Jul-20	2454-9940	http://ijasem.org/previousissue.php?year=2020&issue=3	UGC
56	Hybrid power estimation in embedded system design using a model-based strategy	V. Bharath Kumar	International Joutnal of Applied Science Engineering and Management	Oct-20	2454-9940	http://ijasem.org/previousissue.php?year=2020&issue=4	UGC
57	Multi-Robot Systems: A Review of Pattern Formation and Adaptation	A. Suman Kumar Reddy	International Joutnal of Applied Science Engineering and Management	Jan-21	2454-9940	http://ijasem.org/previousissue.php?year=2021&issue=1	UGC
58	An Improved Electronic Load Controller for the Stator Windings of Self-Excited Induction Generators	R. Venkateswarlu	International Journal of Computer Networks and Wireless Communications	Aug-20	2250-3501	https://ijcnwc.com/issues.php?id=15	UGC
59	Diagnosing Faults in Photovoltaic Arrays through Smart Grid: A Novel Approach	Dr. M.R. Arun	International Journal of Computer Networks and Wireless Communications	Dec-20	2250-3501	https://ijcnwc.com/issues.php?id=16	UGC
60	Sliding Mode Control of a Doubly Fed Induction Generator in Real Time Wind Turbines	M. Surekha	International Journal of Computer Networks and Wireless Communications	Mar-21	2250-3501	https://ijcnwc.com/issues.php?id=17	UGC
61	An Android-Based Mobile Game's UML Model	M. Venkata Rathnam	International Journal of Engineering Research and Science & Technology	Apr-21	2319-5991	https://ijerst.com/previousissue.php?year=2021&issue=2	UGC

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62	Calculating the Energy Produced by Solar PV Modules: A New Mathematical Model	M. Rama Mohan Reddy	International Journal of Engineering Research and Science & Technology	Oct-20	2319-5991	https://ijerst.com/previousissue.php?year=2020&issue=4	UGC
63	Underwater Vehicle Localization with Range Measurements: An Observability Metric	L. Vasu	International Journal of Engineering Research and Science & Technology	Jan-21	2319-5991	https://ijerst.com/previousissue.php?year=2021&issue=1	UGC
64	A Review of Cloud Computing Potential to Improve Online Education	L.M.L. Narayana Reddy	International Journal of Information Technology & Computer Engineering	Jul-20	2347-3657	https://ijitce.com/previousissue.php?year=2020&issue=3	UGC
65	An Electric Vehicle Drive System Utilizing a Z-Source Inverter for Permanent-magnet Synchronous Motors	K. Uma	International Journal of Information Technology & Computer Engineering	Oct-20	2347-3657	https://ijitce.com/previousissue.php?year=2020&issue=4	UGC
66	Monitoring agricultural environments via wireless sensor networks	Dr. D. Prathyusha Reddi	International Journal of Information Technology & Computer Engineering	Jan-21	2347-3657	https://ijitce.com/previousissue.php?year=2021&issue=1	UGC
67	Parametric active contour and directed balloon energy Tracking textured objects against textured backgrounds using the WalshHadamard transform	Dr. A. Maheswara Rao	International Journal of Modern Electronics and Communication Engineering	Jul-20	2321-2152	http://ijmece.com/previousissue.php?year=2020&issue=3	UGC
68	Accelerating Biomedical Image Processing Applications using BioThreads, a Novel VLIW-Based Chip Multiprocessor	Koppala Ashok Kumar	International Journal of Modern Electronics and Communication Engineering	Oct 2020	2321-2152	http://ijmece.com/previousissue.php?year=2020&issue=4	UGC
69	Information System Hosted in the Cloud to Promote Rural Tourism	A. Venka Reddy	International Journal of Modern Electronics and Communication Engineering	Jan-21	2321-2152	http://ijmece.com/previousissue.php?year=2021&issue=1	UGC
70	Engineering and Security Best Practices for Machine Learning-based Internet of Things Devices	Kunda Kiranmayi Jyothi	International journal of basic and applied research	Jan-21	2278-0505	https://ijbar.org/admin/uploads/If%20security%20is%20required.pdf	UGC
71	Improve Student Performance in a Digital Signal Processing Course with Cooperative Study	Chakka Reddy Usha	International Journal of Mathematical, Modelling, Simulations and Applications	Sep-20	0973-8355	https://ijmmsa.com/ijmmsaadmin/upload/ijlbpr_650e8bbdda453.pdf	UGC
72	Improve Student Performance in a Digital Signal Processing Course with Cooperative Study	V Prasannanjaneya Reddy	International Journal of Mathematical, Modelling, Simulations and Applications	Sep-20	0973-8355	https://ijmmsa.com/ijmmsaadmin/upload/ijlbpr_650e8bbdda453.pdf	UGC
73	Collaboration Among Exploration and Mapping Robots	Dr. Pasala Raja Prakash Rao	International Journal of Mathematical, Modelling, Simulations and Applications	Oct-20	0973-8355	https://ijmmsa.com/ijmmsaadmin/upload/ijlbpr_650e8cb0575bb.pdf	UGC
74	Factors That Matter Most When It Comes to Pre-Service Teachers Using IoT In The Classroom	K Uma	International Journal of Mathematical, Modelling, Simulations and Applications	Jan-21	0973-8355	https://ijmmsa.com/ijmmsaadmin/upload/ijlbpr_650e8db0613ad.pdf	UGC

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75	Optical Character Recognition-Based Automatic Number Plate Recognition System	Rapalli Venkateswarlu	IJMEC	Sep-20	2321-2152	https://www.ijmece.com/ijmeceadmin/upload/ijlbpr_650e8ba29c1db.pdf	UGC
76	Internet of Things-Based Bridge Monitoring and Alerting System	Rayala Ranjit Kumar	IJMEC	Oct-20	2321-2152	https://www.ijmece.com/ijmeceadmin/upload/ijlbpr_650e8d7decee5.pdf	UGC
77	Open Source Networking Technologies That Bridge the Gap between Hardware and Software	SK RASOOL	IJMEC	Jan-21	2321-2152	https://www.ijmece.com/ijmeceadmin/upload/ijlbpr_650e8f2fb7110.pdf	UGC
78	Super-resolution in a single picture using an anchored deep network	M Venkata Rathnam	International Journal of Information Technology & Computer Engineering	Aug-20	2347-3657	https://ijitce.com/ijitceadmin/upload/ijlbps_650e849731a4c.pdf	UGC
79	Optimization Algorithm Inspired by Artificial Bee Colonies to Improve Wireless Network Routing	Reddyboina Sateesh	International Journal of Information Technology & Computer Engineering	Oct-20	2347-3658	https://ijitce.com/ijitceadmin/upload/ijlbps_650e87b5f211f.pdf	UGC
80	Using Convolutional Neural Networks for Automatic White Blood Cell Cancer Detection in Bone Marrow Micrographs	Mukkara Madhulika	International Journal of Information Technology & Computer Engineering	Jan-21	2347-3659	https://ijitce.com/ijitceadmin/upload/ijlbps_650e88e077e12.pdf	UGC
81	Enhancing the Non-Geometric Stochastic Model for Vehicle-to-Vehicle Channels Outside of the WSSUS	Gajulapalle Sivanjaneya Reddy	International Journal of Information Technology & Computer Engineering	Oct-20	2347-3660	https://ijitce.com/ijitceadmin/upload/ijlbps_650f02345395b.pdf	UGC
82	Control Electronics with Your Voice Using Bluetooth-Based Spoken Queries	Akurathi Srinivasa Rao	International Journal Of Applied Science Engineering And Management	Jul-20	2454-9940	https://ijasem.org/previousissue.php?year=2020&issue=3	UGC
83	Reinforcement Learning In CRNN And Gru For Audio Captioning	M Sreehari	International Journal Of Applied Science Engineering And Management	Oct-20	2454-9940	https://ijasem.org/previousissue.php?year=2020&issue=4	UGC
84	Multi-Robot Systems: A Review of Pattern Formation and Adaptation	Rayala Ranjit Kumar	International Journal Of Applied Science Engineering And Management	Jan-21	2454-9940	https://ijasem.org/previousissue.php?year=2021&issue=1	UGC
85	An Internet-of-Things and fog computing-based exam security system	Dr. A S Viswanadha Sarma	International Journal of Computer Networks and Wireless Communications	Aug-20	2250-3501	https://ijcnwc.com/issues.php?id=15	UGC
86	A State of The Art Review Of Network And Mobile Communications Technologies	Dr. Dodla Prathyusha Reddi	International Journal of Computer Networks and Wireless Communications	Oct-Dec 2020	2250-3501	https://ijcnwc.com/issues.php?id=16	UGC
87	Audio source separation: speeding up nonnegative matrix factorization on many-core and multicore architectures	Jagannadam Sujitha	International Journal of Computer Networks and Wireless Communications	Jan-march2021	2250-3501	https://ijcnwc.com/issues.php?id=17	UGC

S.No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal	SCI/UGC/S COPUS
88	Industrial Internet of Things Environments: Assessing a SemanticThing-to-Service Matching Method	L.M.L. Narayana Reddy	International Journal of Engineering Research and Science & Technology	Jul-20	2319-5991	https://ijerst.com/Currentissue.php#	UGC
89	Examining how cybercriminals target certain parts of Internet ofThings infrastructures	Nalathoti China Babu	International Journal of Engineering Research and Science & Technology	Jan-21	2319-5991	https://ijerst.com/previousissue.php?year=2021&issue=1	UGC



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

List of Faculty Paper Publications

ACADEMIC YEAR: 2020-2021

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	Downlink beamforming in a two-tier macro femtocell network with decentralized spectrum allocation and partitioning	A.BHAKTHAVACHALA	EEE	IJASEM	VOL 11,ISSUE 3,JULY 2020	2020-21	ISSN:2454-9940	http://ijasem.org/ijasemadmin/upload/ijlbr_650e87947f5b7.pdf
2	Hybrid power estimation in embedded system design using a model-based strategy	B.MADHAVA	EEE	IJASEM	VOL 11,ISSUE.4 OCT 2020	2020-21	ISSN:2454-9940	http://ijasem.org/ijasemadmin/upload/ijlbr_650e893df07bb.pdf
3	Controller Assisted Design: An Interactive Simulation of a Multirate Control Strategy for Dealing with Slow Sensors	ARAVA SUMAN KUMAR REDDY	EEE	IJASEM	VOL 12,ISSUE 1,JAN 2021	2020-21	ISSN:2454-9940	http://ijasem.org/ijasemadmin/upload/ijlbr_650e8a2525e55.pdf
4	An Improved Electronic Load Controller for the Stator Windings of Self-Excited Induction Generators	CH.SWAPNA	EEE	IJCNC	VOL 10,NO.3,JUL-AUG 2020	2020-21	ISSN:2250-3501	https://ijcnwc.com/admin/uploads/A%20New%20Electronic%20Load%20Controller%20for%20the%20Self.pdf
5	Diagnosing Faults in Photovoltaic Arrays through Smart Grid: A Novel Approach	Dr.V.MADHU SUDHAN REDDY	EEE	IJCNC	VOL 10,NO.4,OCT-DEC 2020	2020-21	ISSN:2250-3501	https://ijcnwc.com/admin/uploads/A%20New%20Method%20of%20PV%20Array%20Faults%20Diagnosis%20in%20Smart%20Grid.pdf
6	Sliding Mode Control of a Doubly Fed Induction Generator in Real Time Wind Turbines	Dr.V.MADHU SUDHAN REDDY	EEE	IJCNC	VOL 11,NO 1,JAN-MAR 2021	2020-21	ISSN:2250-3501	https://ijcnwc.com/admin/uploads/A%20Real.pdf
7	An Android-Based Mobile Game's UML Model	G.VENGALA RAO	EEE	IJERST	VOL 14,ISSUE 2,APRIL 2021	2020-21	ISSN:2319-5991	https://ijerst.com/ijerstadmin/upload/ijlbr_650fefbe69fc1.pdf
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