

BAPATLA ENGINEERING COLLEGE::BAPATLA							
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING							
PUBLICATIONS FOR THE YEAR 2022-23							
S.No	Name of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN	Link to the notification in UGC enlistment of the Journal	WOS/Scopus/UGC-CARE/Others
1	Hirald Dwaraka Praveena, Ch.V.M.S.N.Pavan Kumar, A.Rajani, Paluri Bharathi	Automatic Recognition of Lung Tumor Using Convolutional Neural Networks	Cardiometry	Feb-23	2304-7232	<a href="https://s3.timeweb.com/cm94660-20b5ac41-549d-43b0-a32e-a074405a8023/eng/issues/no26-february-2023/automatic-recognition-lung.pdf">https://s3.timeweb.com/cm94660-20b5ac41-549d-43b0-a32e-a074405a8023/eng/issues/no26-february-2023/automatic-recognition-lung.pdf</a>	Others
2	PPM Prasad, N. Kanagasabai, P.Surendrakumar	Design and Implementation of IOT based Innovative Charging Method For E-vehicles	Mathematical Statistician and Engineering Applications	Aug-22	2094-0343, 2326-9865	<a href="https://doi.org/10.17762/msea.v7i4.541">https://doi.org/10.17762/msea.v7i4.541</a>	Scopus
3	PPM Prasad, N. Kanagasabai, P.Surendrakumar	Design and Implementation of IOT based Innovative Charging Method For E-vehicles	Mathematical Statistician and Engineering Applications	Aug-22	2094-0343, 2326-9865	<a href="https://doi.org/10.17762/msea.v7i4.541">https://doi.org/10.17762/msea.v7i4.541</a>	Scopus
4	PPM Prasad, N. Kanagasabai, P.Surendrakumar	Automatic Fertilizer Dispenser Robot using IoT	TELEMATIQUE (telecommunications and computing)	Sep-22	1856-4194	<a href="https://www.provinciajournal.com/index.php/telematique/article/view/395">https://www.provinciajournal.com/index.php/telematique/article/view/395</a>	WoS ESCI
5	PPM Prasad, N. Kanagasabai, P.Surendrakumar	Automatic Fertilizer Dispenser Robot using IoT	TELEMATIQUE (telecommunications and computing)	Sep-22	1856-4194	<a href="https://www.provinciajournal.com/index.php/telematique/article/view/395">https://www.provinciajournal.com/index.php/telematique/article/view/395</a>	WoS ESCI
6	VijayaBhaskar Adusumilli, Venkatesh TG	Traffic Characterization based Stochastic Modelling of Network-on-chip	IEEE Transactions on Computers	Apr-23	1557-9956, 0018-9340	<a href="https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=9832787">https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=9832787</a>	WoS SCIE
7	Addepalli T, Kumar MS, Jetti CR, Gollamudi NK, Kumar BK, Kulkarni J.	Fractal Loaded, Novel, and Compact Two-and Eight-Element High Diversity MIMO Antenna for 5G Sub-6 GHz (N77/N78 and N79) and WLAN Applications, Verified with TCM Analysis.	Electronics	Jan-23	2079-9292	<a href="https://www.mdpi.com/2079-9292/12/4/952">https://www.mdpi.com/2079-9292/12/4/952</a>	WoS SCIE
8	Tathababu Addepalli Jetti Chandrasekhar Rao Penchala Reddy Sura Boddapalli Venkata Ramana Vella Satyanarayana	Compact 'Q'-Shaped Connected Ground 4-Element MIMO Antenna for X-Band Applications	Progress In Electromagnetics Research C	Feb-23	1937-8718	<a href="https://www.jpier.org/issues/volume.html?paper=22121502">https://www.jpier.org/issues/volume.html?paper=22121502</a>	Scopus
9	K. Bagadi, Ch V Ravikumar, Alibakhshikenari M, Challa, Nagaraj and Rajesh, Anbazhagan and Aissa, Sonia and Dayoub, lyad and Falcone, Francisco and Limiti, Ernesto	Precoded large scale multi-user-MIMO system using likelihood ascent search for signal detection	Radio Science	Dec. 2022	1944-799X	<a href="https://agupubs.onlinelibrary.wiley.com/doi/epdf/10.1029/2022RS007573">https://agupubs.onlinelibrary.wiley.com/doi/epdf/10.1029/2022RS007573</a>	WoS SCIE, Scopus
10	Enaul Haq Shaik, Balagopendra Rao Mannava, Mahaboob Subani Shaik, and Nakkeeran Rangaswamy	QCA-Based Pulse/Bit Sequence Detector Using Low Quantum Cost D-Flip Flop	Journal of Circuits, Systems, and Computers	Oct-22	0218-1266	<a href="https://www.worldscientific.com/doi/abs/10.1142/S0218126623500822">https://www.worldscientific.com/doi/abs/10.1142/S0218126623500822</a>	SCIE
11	Chittetti Venkateswarl, Nandanavanam Venkateswara Rao	An Efficient MAPSO Model for Interference Cancellation and Optimal Channel Estimation in MIMO-OFDM System	Wireless Personal Communications	Aug-22	1572-834X, 0929-6212	<a href="https://doi.org/10.1007/s11277-022-09955-w">https://doi.org/10.1007/s11277-022-09955-w</a>	SCIE
12	Chittetti Venkateswarl, Nandanavanam Venkateswara Rao	Optimal channel estimation and interference cancellation in MIMO-OFDM system using MN-based improved AMO model	The Journal of Supercomputing	Jul-22	1573-0484, 0920-8542	<a href="https://doi.org/10.1007/s11227-021-03983-2">https://doi.org/10.1007/s11227-021-03983-2</a>	SCIE
13	B.V.Ravisankar Devarakonda, Venkateswararao Nandanavanam	Multi-Head Attention-Based Spectrum Sensing for Cognitive Radio	International Journal of Electrical and Computer Engineering Systems	Feb-23	1847-6996, 1847-7003	<a href="https://doi.org/10.32985/ijeces.14.2.3">https://doi.org/10.32985/ijeces.14.2.3</a>	ESCI, Scopus
14	Idrish Shaik and Sahukara Krishna Veni	A Compact Dual-Band Octal Patch Loaded with Bow-Tie Parasitic MIMO Antenna Design for 5G mm-Wave Wireless Communication	Progress In Electromagnetics Research C	May-23	1937-8718	<a href="https://doi.org/10.2528/PIERC23030302">doi:10.2528/PIERC23030302</a>	Scopus
15	Idrish Shaik Sahukara Krishna Veni	A Novel Quadrangular Slotted DGS with a Wideband Monopole Radiator for Fifth-Generation Sub-6 GHz Mid-Band Applications	Progress In Electromagnetics Research C	May-23	1937-8718	<a href="https://doi.org/10.2528/PIERC23020901">doi:10.2528/PIERC23020901</a>	Scopus