

PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
LIST OF PAPER PUBLICATIONS IN SCI/UGC/SCOPUS...
ACADEMIC YEAR 2020-2021

S. No.	Name of the faculty	international Journal/ Conference	national journal/ Conference	SCI/UGC/ SCOPUS	paper title	date and year of publication	DOI/URL
1	K Anitha	International	Research Square	SCI	Modified Morris-Lecar neuron model: Effects of very low frequency electric fields and of magnetic fields on the local and network dynamics of an excitable media	15.02.2021	https://www.researchsquare.com/article/rs-170503/latest.pdf
2	K Anitha	International	Asian Journal of Control	SCI	Coexisting attractors in a fractional order hydro turbine governing system and fuzzy PID based chaos control	01.03.2021	https://onlinelibrary.wiley.com/doi/abs/10.1002/asjc.2261
3	K Anitha	International	Chaos, Solitons & Fractals	Pergamon	Suppressing spiral waves in a lattice array of coupled neurons using delayed asymmetric synapse coupling	01.05.2021	https://www.sciencedirect.com/science/article/abs/pii/S0960077921002083?via%3Dihub
4	K Anitha	International	The European Physical Journal Special Topics	Springer	Effects of noise on the wave propagation in an excitable media with magnetic induction	22.04.2021	https://link.springer.com/article/10.1140/epjs/s11734-021-00115-y
5	K Anitha	International	Europe PMC	SCI	Local and Network Behavior of a Bistable Vibrational Energy Harvester Considering Periodic and Quasiperiodic Excitations	16.03.2021	https://europepmc.org/article/ppr/ppr298769
6	K Anitha	International	Europe PMC	SCI	A Discrete Huber-braun Neuron Model: From Nodal Properties to Network Performance	11.03.2021	https://assets.researchsquare.com/files/rs-243100/v1_stamped.pdf

7	K Anitha	International	Hindawi	SCI	A Simple Chaotic Wien Bridge Oscillator with a Fractional-Order Memristor and Its Combination Synchronization for Efficient Antiattack Capability	01.03.2021	https://www.hindawi.com/journals/complexity/2021/8857075/
8	K Anitha	International	Metaheuristic and Evolutionary Computation: Algorithms and Applications	Springer	Low Computational Artificial Intelligence Genetic Algorithm Assisted SLM PAPR Reduction Technique for Upcoming 5G Based Smart Hospital	09.10.2020	https://link.springer.com/chapter/10.1007/978-981-15-7571-6_25
9	S Arun	International	European Journal of Molecular & Clinical Medicine	SCI	Cyber Attack Detection on IOT Using Network Traffic Mechanism by Neural Network Predictive Approach	06.02.2021	https://ejmcm.com/article_7475.html
10	E U Iniyar	International	Turkish Journal of Physiotherapy and Rehabilitation	Scopus indexed	MACHINE LEARNING APPROACH FOR STUDENT LEARNING PERFORMANCE PREDICTION BEFORE FINAL EXAMINATION	15.05.2021	https://turkjphysiotherrehabil.org/pub/pdf/321/32-1-107.pdf

**LIST OF PAPER PUBLICATIONS IN INTERNATIONAL JOURNAL
ACADEMIC YEAR 2020-2021**

S. No	Name of Author	Title of the Paper	Name of the International Journal	Year of publication	Vol No.	Issue No.	Page No.	ISSN No.	h index/ Impact Factor	URL / Digital object identifier (D.O.I)
1	Dr.P.Malathi	Stair Climbing GPS enabled Autonomous Wheelchair with health monitoring system.	International Journal of progressive Research in Science and Engineering	Sep 2020	1	6	29 - 33	2509-0119	0.21	https://journals.grdpublishations.com/index.php/ijprse/article/view/176
2	Mrs. G.Premalatha	Stair Climbing GPS enabled Autonomous Wheelchair with health monitoring system.	International Journal of progressive Research in Science and Engineering	Sep 2020	1	6	29 - 33	2509-0119	0.21	https://journals.grdpublishations.com/index.php/ijprse/article/view/176
3	Mrs.P.Vadivu	Stair Climbing GPS enabled Autonomous Wheelchair with health monitoring system.	International Journal of progressive Research in Science and Engineering	Sep 2020	1	6	29 - 33	2509-0119	0.21	https://journals.grdpublishations.com/index.php/ijprse/article/view/176
4	Mrs.P.Vadivu	"Facial Recognition Smart Glasses for Visually Challenged Persons"	International Journal of Engineering Science and computing	Sep 2020	10	9	2727 1 - 2727 5	2321 - 3361	5.611	https://ijesc.org/upload/696bb294ad388339bb0a50e87a1925f2.Facial%20Recognition%20Smart%20Glasses%20for%20Visually%20Challenged%20Persons.pdf

5	Mr.T.Rubesh Kumar	EBG Based Analysis for Transient Ischemic Attack Detection	Solid State Technology (Scopus Indexed)	2020	63	2s	01 - 08	0038 111X	0.11	http://solidstatetechnology.us/index.php/JSST/article/view/1457
6	Mr.E.Dilliraj	Assist for Vissually Impared Using Voice Command Device	TInternational Journal of Innovation Research in Computer and Communication Engineering	March 2020	8	3	342 - 348	2320 - 9801	7.488	http://doi.org/10.15680/IJIRCCE.2020.0803031
7	Mr.E.U.Iniyan	Smart Pill Vending System for Rural Population with Fault Tolerance	International Journal of Scientific Development and Research	Sep 2020	5	9	439 - 443	2455 - 2631	4.396	https://www.ijdsr.org/pubcurrentissue.php?v=5&i=9
8	Dr.S.Vimala	Optimal routing and deep regression neural network for rice leaf disease prediction in IOT	International journal of Computational methods	Dec-20	Yet to be published			0219-8762	1.761	https://doi.org/10.1142/S0219876221500146