

Research and Development Cell

List of Publication

S. No	Department	Indexed in SCOPUS / SCI / Others	Name of the Author	Title of the manuscript	Name of the Journal	Volume / Issue No	Page No	Month / Year	Impact Factor	Publisher
1	EEE	SCI	Dr. B. Lekshmi Sree	Adaptive neuro fuzzy inference system based Bass-Gura controller for solar powered SEPIC converter	IETE Journal of Research	Published online: 24 Nov 2022			2.333	Taylor & Francis
2	EEE	SCI	Dr. B. Lekshmi Sree	Design and implementation of modified type-III bridgeless Cuk LED driver for smart lighting applications	Springer , Electrical Engineering	Vol. 104	2221 - 2236	Jan, 2022	1.836	Springer
3	EEE	SCI	Dr. B. Lekshmi Sree	Design and development of ROSMC-based single-stage z source inverter for power quality enhancement in hybrid electric vehicle applications	IETE Journal of Research	Published online: 14 Nov 2021			2.333	Taylor & Francis

4	EEE	SCOPUS	Dr.K.Eswar amoorthy	The review and investigation of sustainable 13-level multilevel inverter control strategies	World Review of Science, Technology and Sustainable Development	Vol. 17 No. 3	153-171	April, 2021	0.63	Inder Science
5	CSE	Scopus	Dr. P. Dileep Kumar Reddy	Optimizing physical activity recognition using hybrid LSTM network	Journal of Northeastern University	Vol. 26 Issue 01	1-16	Jan, 2023	-	Dongbei Daxue
6	CSE	Scopus	Dr. P. Dileep Kumar Reddy	Topic labeling and sentiment analysis on covid-19 news	Journal of Northeastern University	Vol. 26 Issue 01	17-34	Jan, 2023	-	Dongbei Daxue
7	CSE	Scopus	Dr. P. Dileep Kumar Reddy	Classification of risky cancer patients using enhanced multi algorithm	Journal of Northeastern University	Vol. 26 Issue 01	35-48	Jan, 2023	-	Dongbei Daxue
8	CSE	Scopus	Dr. P. Dileep Kumar Reddy	Light-weight face mask detection using center net deep learning detector	Journal of Northeastern University	Vol. 26 Issue 01	329-343	Jan, 2023	-	Dongbei Daxue
9	CSE	SCI	Dr. P. Dileep Kumar Reddy	The beneficial image pre processing by contrast enhancement technique for SEM images	Indian Journal of Engineering and Materials Sciences	Vol. 29,	831-835	Dec, 2022	0.615	National Institute of Science Communication and Information Resources

10	CSE	Scopus	Dr. P. Dileep Kumar Reddy	A generic framework for sharing data using attribute based cryptography in hybrid cloud	International Journal of Intelligent Systems and Applications in Engineering	Vol.10, No. 14	634-640	Dec, 2022	-	Ismail Saritas
11	ECE	International Journal	Ms.Spica sujeetha	A multi objective fuzzy logic based multi-path routing algorithm for WSNs	International journal of modern education and computer	Vol. 1	30-40	Feb, 2022	-	WMT
12	ECE	SCOPUS	Dr.M.Shoban	Non-invasive measurements of haemoglobin using AI	Royal society	Published online: 18 Feb 2022		3.11	RESEATC H SQUARE	
13	ECE	SCOPUS	Dr.R. Murugesan	Effect of co-digestion using municipal solid waste with food waste under mechanical lab scale anaerobic	International journal of Mechanical Engineering	Vol. 7, No. 2	3345 - 3349	Feb-22	1.53	IJME
14	ECE	SCOPUS	Dr.R.Murugesan	An approach to noisy synthetic colour image segmentation using unsupervised self organizing map	RAIAIADE	Vol. 1386	227-238	Nov, 2021	-	springer link
15	CSE	SCI	A. Barkathulla	Optimized framework for intrusion detection using data mining techniques in wireless LAN with deep learning techniques	PERIODICO di MINERALOGIA	Vol. 91, No. 4	81-98	July, 2022	1.2	Hindawi
16	CSE	SCOPUS	P.Revathy	Power management using AI-based IOT systems	Measurement: Sensors			Oct, 2022	0.83	Elsevier Ltd.

17	CSE	SCOPUS	P.Revathy	AI-based big data analytics model for medical applications	Measurement: Sensors	Vol. 24	1-7	Oct, 2022	0.83	Elsevier Ltd.
18	CSE	SCOPUS	P.Revathy	IOT integrated smart grid management system for effective energy management	Measurement: Sensors	Vol. 24	1-5	Sep, 2022	0.83	Elsevier Ltd.
19	CSE	SCI	Dr.R.Rajagopal	Exploring the methods for application of machine learning to semantic web services	Computational Intelligence and Neuroscience	Vol. 2022	1-7	Aug, 2022	3.6	Hindawi
20	CSE	UGC	Dr. C.R.Raman	Efficient and smart waste categorization system using deep learning	International Journal of Computer Science and Network Security	Vol .22, No.6	-	June, 2022	-	IJCSNS
21	CSE	UGC	P. Swethanag asri & V. Preethi	Applications of machine learning for cardiovascular disease prediction	Journal of Interdisciplinary Cycle Research	Vol. XIV, Issue II	1234 - 1241	Feb, 2022	-	Swets & Zeitlinger, Amsterdam
22	CSE	UGC	M. Nawazuddin & M. Sowmya	Exploring the methods for application of machine learning to semantic web services	Journal of Interdisciplinary Cycle Research	Vol. XIV, Issue II	1242 - 1249	Feb, 2022	-	Swets & Zeitlinger, Amsterdam