

**SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)**

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(Permanently affiliated to JNTUK, Kakinada, Accredited by NBA and NAAC with 'A' Grade)

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Department of Electronics and Communication Engineering***Papers Published in National/International Journals
(2023-2024)***

S.No	Name of the Staff Member	Title of the Paper	Name of the Journal, ISSN No., Vol. & Published year	Indexing/ Impact Factor
1.	Dr.M.Thamarai	Skin cancer detection using dual optimization based deep learning network.	Biomedical Signal Processing and Control, Vol.85, 104968 June 2023	SCIE, Impact .Factor.5.2
2.	Dr.M.Thamarai	Privacy-preserving deep learning in medical informatics: applications, challenges, and solution	Artificial Intelligence Review https://doi.org/10.1007/s10462-023-10556-7 19 July 2023	SCI INDEXED, I.F.:12
3.	Dr M.Koteswara Rao	Addressing power loss and voltage profile issues in electrical distribution system: A Novel approach using polar bear gradient based optimization	International Journal of Electrical and Electronics Research (IJEER), FOREX Publication, Volume 11, Issue 3, 23 September 2023	Scopus
4.	Dr M.Koteswara Rao	Medical image segmentation using an optimized three-tier quantum convolutional neural network trained with hybrid optimization approach	Multimedia Tools and Applications , An International Journal, 10.1007/s11042-023-16980-9, springer publication year 2023	Springer SCI (IF-3.6)
5.	Kamesh Sonti	A new convolution neural network model “KR-NET” for retinal fundus glaucoma classification	Optik - International Journal for Light and Electron Optics (Elsevier Publishers) (Volume 283, July 2023, 170861)	SCI(IF-3.1)
6.	Smt.Y.Sujatha, V.V.Naga Lakshmi	Design Of Memristor Based Low Power 3-Bit Encoder Using Power Gating Technique	Industrial Engineering Journal, ISSN: 0970-2555 Volume : 52, Issue 6, No. 4, June : 2023	UGC CARE Group-1 IF:6.82
7.	Smt.Y.Sujatha	Enriched Multi Mode Digital Modulator Using Ternary Logic	IJRAR June 2023, Volume 10, Issue 2, E-ISSN 2348-1269	UGC approved 7.17
8.	Dr. B. Ashok Kumar Dr.E.Kusuma Kumari	Comparative Analysis of Evolutionary Algorithms for the Optimised Beams from Thinned Concentric CAA	Journal of Soft Computing Paradigm (ISSN: 2582-2640)	Scopus 3.732
9.	Dr.M.Thamarai	Synthesis of deep learning technique for social distance monitoring in pandemic areas	Multimedia Tools and Applications https://doi.org/10.1007/s11042-023-16681-3	SCIE (IF - 3.5)

Signature of the Coordinator**Head of the Department**