

Kammavari Sangham (R) 1952, K. S. Group of Institutions K. S. SCHOOL OF ENGINEERING & MANAGEMENT

No.15, Mallasandra, Off. Kanakapura Road, Bengaluru-560109 Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, Accredited by NAAC

Faculty Name	Dr. Renuka V Tali		
Designation	Assistant Professor		
Educational	BE(ECE)		
Qualification	M.Tech (DC)		
	PH.D		
Experience in Years	Teaching: 13.9 Years		
Areas of Interest	Computer Vision,		
	Machine Learning,		
	Image Processing,		
	Data Science		
Subjects Taught	VLSI, Image Processing,		
	Operating Systems, Verilog,		
	Microprocessors,		
	Microcontrollers,		
	Electronic Circuits,		
	Multimedia		
	Communications, Basic		
	Electronics, Logic Design,		
	Electronic Instrumentation,		
	GSM , Digital System Design		
	using Verilog, Real Time		
	Systems, Network Security		
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EDUCATIONAL DETAILS:-		
Examination / Degree	College/University	Year of Passing
BE	PDIT/ VTU	2005
M. Tech	BMSCE/ VTU	2012
PH.D	VTU	2024

PUBLICATIONS:-

ORCID ID: https://orcid.org/0000-0003-0601-1352

Journal Publications:

- "A Comparative Study on Image Isolation and Classification Techniques in Microscopic Blood Smear Images" in International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Volume 5, Issue 11, November 2017.
- Design and Implementation of Asset Management using Deep Learning", in International Journal of Pure and Applied Mathematics (Scopus Indexed), Volume 119, No 14, 2018, 49-57, 2018.
- An Efficient Real Time Arrhythmia Detector Model using Lab view" in IJPAM, Volume 119, No 14, 79-85, **2018**.
- "Detection and Classification of Leukocytes in Blood Smear Images: State-of-the-Art and Challenges", International Journal of Ambient Computing and Intelligence, Vol. 12, Issue 3 pp-111-139, No. 2, pp. 030720-041648, **2021**, ISSN: 1941-6237|EISSN:1941-6245 Indexed in Web Of Science (WOS), ESCI, Scopus, ACM.
- ➤ "CLAHE Enhanced Hybrid Feature Descriptors for Classification of Acute Lymphoblastic Leukemia in Blood Smear Images", International Journal of Biomedical Engineering and Technology (IJBET), Vol. 43, No. 4, pp. 309-328, Indexed by SCOPUS, ESCI, **2023**. DOI: 10.1504/IJBET.2023.10054302.
- ➤ "Channel Fusion Filter and Invariant Scattering Network-Based Leukocyte Image Discrimination Framework", International Journal of Intelligent Engineering and Systems, Vol.17,No. 1, pp. 862-876, Indexed by SCOPUS, **2024**. DOI: 10.22266/ijies2024.0229.73.

International Conference Papers:

"Acute Lymphoblastic Leukemia Detection through Deep Transfer Learning Approach of Neural Network", Proceedings of First Doctoral Symposium on Natural Computing Research-DSNCR 2020, Computational Intelligence and Complexity, Springer, 2021.

Professional Membership

- ➤ Life Member of ISTE LM94789
- ➤ IEEE Member **98736152**

CONTACT DETAILS:-

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