

**K.S.R. COLLEGE OF ENGINEERING (Autonomous),
TIRUCHENGODE – 637 215
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
PUBLICATION LIST YEAR 2023 (23-24)**

List of Faculty Publications:

S. No	Name of the Author(s)	Title of the paper	Name the Journal	Impact factor	SCI Scopus	JCR List	Volume/ Issue No	DOIs	Page No.	Year of Publication
1	R.Satheeskumar, Bonam Raghavaiah, S. Geerthik, T. Senthil Kumar	An efficient VLSI architecture for fast motion estimation by hybridizing parallel spiral and adaptive threshold star diamond search algorithm-based search algorithm in HEVC	Concurrency and Computation: Practice and Experience	1.831	SCI	Q3	36/1	https://doi.org/10.1002/cpe.7873		14 August 2023
2	Ramasamy Periasamy Nivetha, Paapampalaya m Shanmugam Periasamy, Anitha Periasamy	Binary firehawks optimizer with deep learning driven noninvasive diabetes detection and classification.	Bratislava Medical Journal	1.564	SCI	Q4	Online	DOI: 10.4149/BLL_2024_020		November 2023
3	Dr.S.Karthikeyan K.Pavithra	Secure Confidential Communication Using Rectatron Technology	Journal of Emerging Technology and Innovative Research	-	others	-	Volume 11, Issue 1		515	January 2024
4	Dr.R.Satheeskumar B. Prakash S. Velliangiri Francis H Shajin	Evolutionary gravitational neocognitron neural network based block chain technology for a secured dynamic optimal routing in wireless sensor networks.	Journal of Experimental & Theoretical Artificial Intelligence.	2.340	SCI Scopus	Q3	36/3,	doi.org/10.1080/0952813X.2022.2153274	435–451	2024