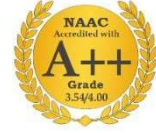




SETHU INSTITUTE OF TECHNOLOGY

(An Autonomous Institution | Accredited with 'A++' Grade by NAAC)

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Department of Computer Science and Engineering

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Experience	Industry	Teaching	Others	Total	
	-	20 Years 10 Mths	-	20 Years 10 Mths	
Date of Joining the Institution	31/07/2023				
Area of Specialization	Image Processing				
Courses Taught	Principles of Operating Systems, Computer Organization, Microprocessor and Microcontrollers, C Programming.				
Research Focus	Image Processing				
Subject Competency	Operating Systems, C Programming				
No. of papers published	National Journals	International Journals	Conferences		
	-	8	2		

PG Specialization	Computer and Information Technology
Ph.D. Specialization	Computer and Information Technology
Projects Carried out	One UBA project in progress sanctioned in February 2025
Patents (Filed & Granted)	Bio-Blocks: Published on 09/01/2026

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.Tech	Electronics	MIT, Chennai	1996
PG	M.Tech	Computer Science and Information Technology	MS University, Tirunelveli	2005
Ph.D.	Ph.D.	Computer Science and Information Technology	MS University, Tirunelveli	2017

Details of Journal Publication:

1. "GPPM tree in CFA image compression", M.M.Sathik, S.Radhakrishnan, R.K.Selvakumar, International Journal of Electronics & Communication Technology 2 (3), pg. 84-87, 2011.
2. "A combined method for CFA image compression with Haar wavelet and GPPM tree" M.M.Sathik, S.Radhakrishnan International Journal of Engineering and Innovative Technology (IJEIT) 1(3), pg. 104-106, 2012
3. "Multiple Description Coding Based on Hadamard Transform", S.Radhakrishnan, G.Jameena, M.M.Sathik, International Journal of Computer Science and Mobile Computing, ISSN, 2320-088X, Vol.2 Issue. 11, November- 2013, pg. 247-251, 2013.
4. "A Modified Method for Multiple Description Coding using Quincunx Subsampling", S.Radhakrishnan, M.M.Sathik, International Journal of Computer Science and Mobile Computing, ISSN, 2320-088X, Vol.3 Issue.4, April- 2014, pg.954-957,2014.
5. "An Improved Method of Image Compression with GPPM Tree and Haar Wavelet", S.Radhakrishnan, R.Sureshbabu, E.Vakaimalar, M.ChengathirSelvi, M.MohamedSathik, M.Manoharan International Journal of Computer Science and Mobile Computing, ISSN 2320-088X, Vol.4 Issue.2, February- 2015, pg. 171-175.
6. "A Modified Binary Encryption Algorithm based on Diffuse Representation", S.Radhakrishnan, R.Arthy, M.Sivasankari, B.Jegajothi, M.MohamedSathik, International Journal of Advanced Engineering, Management and Science(IJAEMS), ISSN: 2454-1311, Vol-3, Issue-8, Aug- 2017, pg. 825 - 828.
7. "Hybrid Medical Image Compression", G. Lakshmi, S.Radhakrishnan, Industrial Engineering Journal, Volume: 54, Issue 2, No. 4, February 2025, UGC Care Approved, Group 1, ISSN 0970-2555.

DetailsofConferenceattended:

1. "An efficient approach to data hiding based on lattice vector quantization", K.Nallaperumal, R.K.Selvakumar, S.Radhakrishnan, K.ArulMozhi, J.Varghese, &K.Krishnaveni, 2006 IFIP International Conference on Wireless and Optical, Communications Networks, doi:10.1109/wocn.2006.1666681.
2. "Water Quality Classification using Recurrent Neural Network", K.Govindarajan, K.Nagalakshmi, S.Radhakrishnan, IEEE Sponsored International Conference on Sustainable Computing and Optimized Practices for Excellence - SCOPE 2025, 18 - 20 December.