K. S. INSTITUTE OF TECHNOLOGY

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Faculty Name	Mr. Saleem S Tevaramani
Designation	Assistant Professor
Educational Qualification	M.E (Ph.D.)
Experience in Years	13
Areas of Interest	Digital Image processing, Information Security, Communication system & Embedded Systems
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Educational Details

Examination/ Degree	College / University	Year of Passing
UG	SJBIT/Visvesvaraya Technological University	2009
PG	UVCE /Bangalore University	2012
Ph.D.	Visvesvaraya Technological University	Pursuing

Publications

Journal Publications:

1. Saleem S Tevaramani, and Ravi J. "Arnold Transform-Lifting Wavelet Transform and Singular Value Decomposition Based Alpha Blending Image Steganography for Secure Communication". International Journal of Intelligent Systems and Applications in Engineering 12 (1):536-42, 2023.

2. Saleem S Tevaramani, Ravi J, Image steganography performance analysis using discrete wavelet transform and alpha blending for secure communication, Global Transitions Proceedings, Volume 3, Issue 1, Pages 208-214,2022.

3. Ravi J, Saleem. S. Tevaramani and K. B. Raja, "Face recognition using DT-CWT and LBP features," *2012 International Conference on Computing, Communication and Applications*, Dindigul, India, pp. 1-6, 2012.

4. Jossy P George, Saleem S. Tevaramani, and K. B. Raja. "Performance comparison of face recognition using transform domain techniques." World of Computer Science and Information Technology Journal 2, no. 3, pp. 82-86.2012.

5. Saleem S Tevaramani, Machine learning Based power management system using smart grid, ICRASET 2023.

Conference Papers :

1. Smart assistance for visually impaired
2. UPS system using Solar and Wind Power
3. Fingerprint Based Door lock Using Arduino
4. Smart assistance for visually impaired
5. UPS system using Solar and Wind Power
6. Smart Roads system
7. Smart Two-Wheeler
8. Implementation of An Emergency Ventilator Based on Oxygen Regulation
9. A Review on the use of Emergency Ventilators for COVID-19
10. Smart Two-Wheeler
11. Implementation of Bit Interleavers used in Flexible modulation scheme
12. Automatic Ration Distribution
13. Bit Interleavers for flexible modulation scheme
14. Raspbian Based Ethical Driving System(Rbedo)
15. Advanced Driver Scrutiny System
16. Development of Wireless USB flash drive using Omega 2+
17. Vehicle Emission Detection and Notification system based on Internet of things
18. Performance Simulation of Turbo codes in Wireless sensor network
19. Design and Implementation of Hand Gesture Recognition for Robotics
20. Secure communication
21. Eco Ticket: Sustainable and Smart Ticketing

Patents Filed :-

Awards

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Professional Membership

1. ISTE Life Membership number– -LM114253
2. IAENG membership number is: 364135

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