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Dr.K.Danesh Working as an Assistant Professor in the Department of IT at SRMIST,Ramapuram. He Graduated in ELECTRONICS AND Instrumentation Engineering, Madras University,Chennai,Tamilnadu, India. He secured Master of Technology in Applied Electronics at Dr.MGR Educational and Research Institute,Chennai, India. He Pursued Ph.D. in the field of Wireless communication at Madras Institute of Technology Campus Anna University Chennai, India. He is having teaching experience of more than 12 years. He has presented number of papers in National and International Journals, Conference and Symposiums.

Areas of Research: Wireless communication-Cognitive Radio Networks , Deep Learning,IOT

Selected Publications:

SCI/Scopus

- Instantaneous Center of Curvature Based 2 Wheel Self Supporting Robot, IJAER International Journal of Applied Engineering Research ISSN 0973-4562 vol.10, no.17 (2015)
<http://www.ripublication.com/Volume/ijaerv10n17spl.htm>.
- An Effective Spectrum Sensing in Cognitive Radio Networks using improved Convolution Neural Network by Glow worm swarm Algorithm, Transactions On Emerging Telecommunications Technologies, Wiley, vol.32.no.11.July 2021. Anna University Annexure 1. Impact Factor 3.6.
- Game Theory based Spectrum Sensing and Transmission in Energy Harvesting Hybrid Cognitive Radio Network, International Journal of Communication Systems, Wiley.vol.35.no.10.10 July 2022.Annu University Annexure-1. Impact Factor 2.1
- Deeptha, R., K. Danesh, S. Preethi Parameswari, B. Aishwarya, and S. Subbu Raj. "A Comprehensive Survey on Various QoS Routing Protocols in MANETs." Eur. Chem. Bull, vol.12(4)

International conference:

- Relay Selection in Energy Harvesting Hybrid Cognitive Radio Network, IEEE International Conference ICOAC December 2019.
- Resource Allocation Approach for Hybrid Cognitive Visible Light Communication, 20215th IEEE International Conference on Trends in Electronics and Informatics (ICOEI) 2021.

National Conference:

- Presented A Paper On“Exploiting The Incomplete Diffusion Feature Using The Combined Method Of AES And EG-LDPC” In Sri Ramanujar Engineering College At Chennai.
- Effective Secondary User Selection Scheme for Underlay Cognitive Radio Network, Recent Trends in Instrumentation and Control (RTIC-2019), MIT campus, Anna University.

PATENT:

- Patent Published -1
Title of invention: Design IoT-based remote intelligent healthcare system for personal
Emergency response using Machine Learning
Field of invention: Bio-Medical Engineering
Publication date : 04/11/2022
- Patent Published -2
Title of invention: IoT-based walking stick for visually impaired
Field of invention: Bio-Medical Engineering
Publication date : 05/03/2023
- Patent Published -3
Title of invention: Intelligent health care monitoring system for physically challenged people
Field of invention: Bio-Medical Engineering
Publication date : 17/05/2023

BOOK:

- Book published -1

Title	Digital Signal Processing
Authors	Tuhin Utsab Paul, Danesh K, Manjunath, Pavithra G
Publisher	Notion Press; 1st edition (19 April 2022); Notion Press Media Pvt Ltd No,50Chettiyar Agaram Main Road , Vanagaram , Chennai - 600095
ISBN	9798886676938

- Book published -2

Title	Cryptography and Network Security
Authors	Dr.Latha M, Dr.Dwarakanath , Dr.Santhosh Kumar P, Dr.Danesh

Professional Bodies:

Member – IEEE, IETE. ISTE

Google Scholar:

[K DANESH - Google Scholar](#)

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