

Dr. G.Indumathi, M.E., Ph.D.,



Assistant Professor,

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Dr. G.Indumathi is working as Assistant Professor in the Department of CSE at SRMIST, Ramapuram campus. She holds a Ph. D degree in the field of Cognitive Radio Adhoc Networks in the stream of Information and Communication Engineering from Anna University, Chennai. . She has 10 years of teaching experience and 2 years of industrial experience with good programming skills. She is certified in various courses from Coursera and NPTEL. She has published articles in National and International Journals, Conferences and Symposiums.

Area of Research:

Cognitive radio Adhoc networks, MANETS, Wireless Sensor Network.

Selected Publications:

1. “Joint Power Control and Adaptive Sleeping Policy for Cooperative Spectrum Sensing in CRN” in Wireless Personal Communications, Springer 13 July 2023.
2. "Optimal Relay and Channel Selection Schemes for Multi-constrained QoS Multicast Routing in Cognitive Radio Ad-Hoc Networks" in International Journal of Communication, Annexure – I, Wiley Publisher. <https://doi.org/10.1002/dac.4674> (doi: 10.1002/dac.4674)
3. “Iris, Finger Vein, Finger Print Based Multimodal Biometric Authentication Algorithm Using Score Level Fusion With Hybrid Ga,Pso”, ICDAM 2020, Springer.
4. “Sensor Based Automatic Neonate Respiration Monitoring System” in International Journal of Innovative Technology and Exploring Engineering that will publish at Volume-9 Issue-2, December 2019

Patents Published:

National:

1. Title of Invention, “Design of Novel Electrostatic Spray Machine for Killing LOCUST”.
2. Title of Invention, “IOT Based Smart Dustbin with Plastic Eating Bacteria”.

3. Title of Invention, “AI Based Walking Stick for Visually Impaired with Alerting Unit”.

International:

4. Title of Invention, ”SENSOR BASED AUTOMATIC ROBOTIC WASTE BIN.”

Professional Bodies:

1. International Association of Engineers (IAENG) (Member No: 226283), Hongkong, HK.

Google Scholar: <https://scholar.google.com/citations?user=yqKX7E8AAAAJ&hl=en>

LinkedIn: <https://www.linkedin.com/feed/>

ORCID: 2021-02-26