Faculty Profile

Ms. T.Kavitha, M.Tech., (Ph.D)
Assistant Professor,
Department of Computer Science and Engineering
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Academic Background

Degree	University	Year
Ph.D	Karunya Institute of Technology and Sciences (Deemed University)	Pursuing
M.Tech	Karunya Institute of Technology and Sciences (Deemed University)	2019
B.Tech	Karunya Institute of Technology and Sciences (Deemed University)	2017

Research Interests

- Wireless Sensor Network
- Internet of Things
- Cyber Security
- Green computing

Projects Undertaken

- HEALTHCARE MONITORING USING IoT: Remote monitoring of the patient's temperature and heart rate wherein an alert message is triggered when it is above the threshold and sent to the patient's doctor and family members.
- A HYBRID ENERGY HARVESTING ROUTING PROTOCOL FOR WSN: Hybrid approach of both the Proactive-PSO algorithm and Reactive-VNS algorithm has been used to make the network more energy efficient and to prolong the lifetime of the network.

Recent Publications

Conferences:

- Kavitha, T., Salaja Silas, " **A survey on energy harvesting routing protocol for WSN**", Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019, art. no. 8862780, pp. 572-575, DOI: 10.1109/ICOEI.2019.8862780

Significant achievements:

- University Rank holder in M.Tech (Network & Internet Engineering)

- Received an **academic incentive award** and certificate of appreciation with a cash award for securing the highest CGPA and SGPA in all the semesters among M.Tech - Network and Internet Engineering