

FACULTY PROFILE



Mr. Manoharan. L, M.E, (Ph.D)

Assistant Professor–Selection Grade

Department of Electronics & Communication Engineering,
Hindustan Institute of Technology and Science

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Experience: 19yrs 10 months

Research area: Communication, Networking & Wireless Sensor Networks.

Recent Publications:

1. L. Manoharan, “An effective garbage monitoring system and metal detection for the welfare of society using IOT”, ICIECS-2022, conference 24th to 26th Nov 2022.
2. L. Manoharan, “Design and Implementation of Flexible Solar Panel for Electric Vehicles”, International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), 2022.
3. L. Manoharan, “Distributed Uneven Clustering Mechanism for Energy Efficient WSN”, Wireless Personal Communications, Vol.No.121,issue1,pp.153–169, Published 30 June 2021.
4. L. Manoharan, “A Heuristic Local Search Algorithm for Improving Cluster and Routing Stability in Sensor Networks”, International Journal of Engineering & Technology (UAE), Vol 8, No 1.5 (2019): Special Issue 5, pp 640–645, ISSN 2227-524X.
5. L. Manoharan, “Energy Optimized Load Balancing Clustering for WSN using Preference Function”, International Journal of Advanced Research in Dynamical & Control Systems, Vol.10,04-Special Issue, pp–1089–1097, ISSN 1943-023X, Apr 2018.

Patent Filed:

Patent number: 201741020438. "FaultCorrectioninICHandler
ThroughImageProcessing".

Achievements:

1. Published Analog & Digital Communication Book – SreeKalamani
Publications for III Semester
CSE/IT- Reg 2013 – ISBN 978-81-926636-5-4.
2. No of Conference paper presented – 08.
3. No of Workshops / Seminar / FDP / IV (ORGANISED) – 15.
4. No of Workshops / Seminar / FDP (ATTENDED) – 16.