

Mr. NANDAN S

Assistant Professor



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[Scholar Link](#)

Qualifications:

- B. Tech – Electronics and Communication Engg. (Kerala Univesity)
- M. Tech – Telecommunication (NIT Calicut)
- Ph.D- Pursuing

Professional Experience:

- Assistant Professor, LBSITW, Trivandrum (2015-Till date)
- Assistant Professor, LBSCE, Kasaragod (2015)
- Assistant Professor, MBCET (2012-2015)
- Software Developer, QBurst (2010)

Recently Taught Courses:

- Analog Circuits
- Solid State Devices
- Digital Communication
- Information Theory & Coding
- Scientific Computing Lab

Other Responsibilities:

- IEEE SB Counsellor (2022 – till date)
- IEDC Nodal Officer (2018 till date)
- IIIC Coordinator (2018 till date)
- IIC Coordinator (March 2023 till date)
- Staff Advisor (2021-2025 ECE)
- Placement Officer (2018-2021)
- Staff Advisor (2016-2020 AEI)

- Member of Question Paper Setting and Scrutiny committee of B.Tech courses of the University of Kerala and APJ Abdul Kalam Technological university
- Convocation Convenor 2020 and 2021.
- Additional Chief Superintendent of Exams (2016-2017)
- IEEE SB Counsellor (2015 – 2018)

Important Publications:

- Nandan S. and M. Abdul Rahiman, "Intelligent Reflecting Surface (IRS) assisted mmWave Wireless Communication Systems: A Survey," Journal of Communications vol. 17, no. 9, pp. 745-760, September 2022.
- Nandan, S., M. Abdul Rahiman, "A Novel Channel Estimation Technique for Intelligent Reflecting Surface (IRS)-Aided MmWave Systems Based on Sparse Kalman Filter (SKF)", Lecture Notes on Data Engineering and Communications Technologies, vol 141, pp 123–134, Springer, Singapore.
- Anjana S. and Nandan S., "Energy-Efficient Cooperative Spectrum Sensing: A Review", Second International Conference on Inventive Communication and Computational Technologies, 2018.
- Sruthi Sasidharan Asari and Nandan S. (2017, July) A Novel Diversity Combining Technique using Fuzzy Logic for Cooperative Wireless Networks, IEEE International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICICT)
- Sruthi Sasidharan Asari and Nandan S. (2017, January) A Review on various Relaying Protocols for Cooperative Wireless Networks, National Conference on Power, Control, Communication and Computing (NPCCC'17)

Research & Consultancy:

- Action Plan Preparation for identified MSME Clusters - funded by KDISC.

Membership in Professional Organizations

- IEEE Senior Member
- Life member ISTE

Conference/Paper Presentation:

- Organizing Chair of IEEE ICCSC-2023
- Online Track Chair of IEEE INDICON 2022
- Hospitality Chair of IEEE PESGRE 2023
- Organizing Co-Chair of IEEE WIE ILS 2022
- Publicity Chair of IEEE SPICES 2022

- Finance Chair of IEEE RAICS 2020
- Registration Chair of IEEE TENCON 2019
- Conference Convenor of IEEE RAICS 2018
- Reviewer of IEEE INDICON 2022, IEEE RAICS, IEEE SPICES etc