



Valliammai Engineering College

SRM Nagar, Kattankulathur-603203, Kancheepuram District, Tamil Nadu

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Department of Electronics and communication Engineering

Personal Details

Name :	N.Subhashini		
Designation :	Assistant Professor (Selection Grade)		
Educational Qualification :	Ph.D.		
Experience:	21 Years 11 months		
Area of Specialization :	Wireless Communication		
Date of Joining :	03/12/2007		
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S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	ECE	Government College of Engineering Salem / Madras University	1998
2	M.Tech.	Communication Systems	SRM University	2007
3	Ph.D.	Information and Communication	Anna University	2020

Professional Society Memberships

1. Institution of Electronics and Telecommunication Engineers (IETE)
2. Indian Society For Technical Education (ISTE)
3. Life Member of Computer Society of India (CSI)
4. International Association of Engineers (IAENG)
5. Indian Science Congress Association (ISCA)

Publication Details

Journals:

- Santhosh, M. Selvameena, Shrijaa Selvakumar, K. Vijayrathan, N. Subhashini, "Social Distance Monitoring and Violation Alert System in Public Places", *International Journal of All Research Education and Scientific Methods (IJARESM)*, ISSN: 2455-6211 Volume 9, Issue 4, April -2021.
- R. Abirami, A. J. Aranciya, S. Buvaneshree, N. Subhashini, "Aggrandized Concatenated Fish and Plant Farming Management System Using IoT", *International Journal of All Research Education and Scientific Methods (IJARESM)*, ISSN: 2455-6211 Volume 9, Issue 3, March -2021.
- Ajith M.S., Ashwin umar V., David Santhosh Kumar S., Subhashini N. "Non poking Method for Detection of Chronic Kidney Disease Patients", *International Research Journal of Engineering and Technology (IRJET)*, vol.7, no. 3, pp. 2183 - 2187, 2020.
- Varunrajesh T., Ratchika R., Varunkumar N.R., Vetrivelvan J., Subhashini N. "Deep Learning Based Finger Vein Authentication", *International Journal of Creative Research Thoughts (IJCRT)*, vol.8, no. 3, pp 1959 – 1963, 2020.
- G.Arathi, S.Gowsalya, A.Abijith, N.Subhashini, "Device for Location Finder and Text Resader for Visually Impaired People", *International Research Journal of Engineering and Technology (IRJET)*, vol.6, no. 3, pp. 2744-2748, 2019.

- S.Dhanalakshmi, D.Gopika, S.Harini, N.Subhashini, 'Home Locker Surveillance Without Using CCTV camera' in "International research Journal of Engineering and Technology (IRJET)", volume 6 Issue 3, Paper id: FTP63630501, March 2019.
- Subhashini, N & Murugan, M 2019, 'Performance Analysis of Cooperative Wireless Sensor Network with Index Based Modulation', IET – The Journal of Engineering, vol. 2019, issue 3, pp. 1-4. DOI: <https://doi.org/10.1049/joe.2018.5431>.
- D.V.Swathi, N.Subhashini, Spatial Modulation in Cooperative Wireless Sensor Network Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 4, Special Issue 19, April 2017.
- Muralidharan M, Muruganantham S, Prabakaran A, Lakshmana Eswaran M, Subhashini N "Neoteric System Design Using Histogram Sequence Of Local Binary Pattern" presented in the International Conference on Modern Applications in Engineering and Technology in Institute of Engineering Research, 10th March 2017.
- N.Subhashini, M.Murugan, "Influence Of Compressive Sensing On Performance Metrics Of Wireless Sensor Networks", i-managers Journal on Wireless Communication Networks, 5(1), pp: 34-42, June 2016.
- S.Suganya Devi, N.Subhashini, "Lifetime and Stability Enhancement of Wireless Sensor Network using Clustering Protocol", International Journal of Emerging Technology in Computer Science and Electronics, 21(1), pp.88-93, April 2016.
- S.Suganya Devi, N.Subhashini, "Energy harvesting in a co-operative wireless sensor network", South Asian journal of Research in Engineering Science and Technology", 1(1), pp.54-61, 2016.
- J.Jenisha, N.Subhashini, "Doppler Compensated Front – End Receiver Design for Underwater Acoustic Channels Using Mimo-Ofdm", International Journal of Engineering Research and Applications, pp 35-40, March 2014.

Conferences:

- N. Subhashini, A. Santhosh, M.Selvameena, Shrijaa Selvakumar, K.Vijayathan, "Ensuring Covid-19 Precaution with an Effective Alert System on Violation of Social Distancing and Wearing Face Mask", International Conference on Intelligent Systems Electrical and Communication Technology" (ICISECT-21) on 09th & 10th April, 2021, ISBN :978-93-83470-37-2.
- K.Babuhari Prasad, K.Rajesh, N.Sivaprakash, M.Vimalraj, N.Subhashini, "Smart Earphone For Railway Track Trespassers Safety" Published in International conference on "Innovation in Signal Processing and Communication" 3rd March 2018.
- Faziur Rahman Khan M A, Gridharan M, Gopinath K, Harilal, N.Subhashini, "Automated Fuel Filling Station and Vehicle Monitoring", National Conference on Innovation in Information and Communication Technology (NCIICT'17), March 2017.
- Muralidharan M, Muruganantham S, Prabakaran A, Lakshmana Eswaran M, Subhashini N, "Neoteric System Design Using Histogram Sequence Of Local Binary Pattern" presented in the International Conference on Modern Applications in Engineering and Technology in Institute of Engineering Research, 10th March 2017.
- M.Sastha, N.Subhashini, Index based modulation with Multiple signal Constellation for MIMO in International Conference on Electrical Communication and Computing 7th and 8th March 2017
- C.Suganya, N.Subhashini, "Hybrid Compressive Sensing Method Of Transmission In A Clustered Wireless Sensor Networks", Proceedings of DRDO sponsored 2nd IEEE International Conference on Innovations in Information Embedded and Communication Systems ICII ECS'15, pp 134 – 137, 19th & 20th March 2015.
- J.Jenisha, N.Subhashini, "Doppler Compensation In UWA Channels Using Multiple-Resampling In MIMO-OFDM With LMMSE" Proceedings of National conference on Modern Electronics & Signal Processing (NCMESP'14), pp 37-40, 14th March 2014.

Research and Development Details

1. No. of Research Projects Completed: Nil
2. No. of Patents Filed: Nil
3. No. of Ph.D candidates guided/guiding: Nil
4. No of Conferences Convened: 1
Co- Convened AICTE sponsored National Conference on “ Recent Trends in Wireless Communications and Networking (RTWCN)” on 7th and 8th March 2014

Other Particulars

- 1.No. of Books Published: 1
Co-Authored a book on “ Microwave Engineering “ SAMS Publishers
2. No. of STTP/FDP coordinated: 02
3. Others :
 - (i) Guided the project Titled " Ensuring Covid-19 precaution with an effective alert system on violation of social distancing and wearing face mask " which secure **First Place** in the Virtual Project Expo conducted by BSA Crescent Institute of Science and Technology on 26.06.2021.
 - (ii) Recognized as the Faculty mentor for India Innovation Challenge Design Contest (IICDC) conducted by the Texas Instruments in coordination with the Department of Science and Technology (DST) under the guidance of AICTE. As a mark of recognition they offered five TI MSP430 LunchBox boards
 - (iii) Reviewer for the following :
 1. IET Communications
 2. The Applied Computational Electromagnetics Society : ACES
 3. International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)
 - (iv) Resource Person:
 1. Delivered a session on Insights into Signals and Communication using MATLAB on 22.09.2021 for DMI College of Engineering
 2. Delivered a session on 24.11.2020 in the title Sensors and Actuators in AICTE Sponsored Six Days Online Short Term Training Programme (STTP) On “Internet of Things and Its Applications”, conducted by the Department of Information Technology, SRMVEC.
 3. Presented on the title Design and Implementation of Digital circuits using open source EDA tools on 22.10.2020 in AICTE Sponsored Six Days Online Short Term Training Programme (STTP) On “A Hands on approach for Design and implementation of Digital Circuits using Open source Computer Aided Design (CAD) Tools-1”, conducted by the Department of Electronics and Communication Engineering, SRMVEC.
 4. Delivered a session on Adhoc and Wireless Sensor Networks in an online Faculty Development Programme organized by Sri Sairam Institute of Technology on 22.06.2020.