

Faculty Profile



Dr. N.Sugitha , M.E., Ph.D
Associate Professor-ECE

HIGHLIGHTS:

- Number of Journal Publications:30
- H-Index: 3
- Project Funding Received: -
- Patents Published: 1
- Patents Granted:-

PROFESSIONAL LINKS:

- Scopus ID: 36810603400
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=36810603400>
- Google Scholar ID: N.Sugitha
- Anna University Faculty ID:268574
- AICTE Faculty ID: 1-41232389
- Anna University Supervisor ID: -
- LinkedIn: <https://www.linkedin.com/in/sugitha-n-0905b41a3/>

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 25years
- Industrial Experience: -

INTERNATIONAL EXPOSURE:-

AREA OF SPECIALIZATION:

- Image Processing
- Signal processing

Ph.Ds AWARDED WITH DETAILS:

S:No	Name of Scholar	Title of Thesis	Year of Completion	Full Time/Part Time
1.	Ms. M.S Sujithra	Restoration of Compressed Images using Sparse Based Plug and Play Methods	2022	Part Time

2.	Ms.K.V.Shiny	Enhancement in Automatic Segmentation of Brain Tumors on Pre and Post - Operative MRI	2023	Full Time
3.	Mr.S.Santhosh	Geographical Information System Based Analysis And Mapping of Spatially Referenced Crime Data	2026	Part-Time
4.	Ms.Asiya	Artificial Intelligence-Based Lung Cancer Nodules Detection and Classification in CT Images	2026	Part-Time
3.	Mr.V.Parameswaran Nampoothiri	Analysis of Copy -Move Forgery – Detection using Machine Learning approaches.	2026	Part Time

Ph.Ds GUIDING:

- Full Time Scholars: -
- Part Time Scholars :-

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY: -

PATENTS PUBLISHED/GRANTED:

- Auto Tuned Microwave Backhaul Antenna
- Lung Nodules Segmentation and Classification from CT images

COURSES CERTIFIED:

- Completed NPTEL course Microprocessors and Microcontroller with 85% score

ACHIEVEMENTS AND AWARDS:-

Recognized as the best teacher of the year(25-26)

SPECIAL SESSIONS DELIVERED:-

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:-

PROFESSIONAL MEMBERSHIPS:

- Life Member of ISTE(Membership No.LM 36049)

OTHER DETAILS (If any):

- **Reviewer** for IET Signal Processing
- **Reviewer** for National Academy Science Letters
- **Reviewer** for IEEE Conference on Control Instrumentation Communication and Computational Technologies organized by Department of EIE, Noorul Islam Centre for Higher Education Kumaracoil, in Collaboration with IEEE India Council Electron Devices Chapter, July 2014.
- **Reviewer and chair person** in Technical Session - IEEE Conference on Soft computing in Applied Science and Engineering organized by Department of EIE, Noorul Islam Centre for Higher Education Kumaracoil in Collaboration with IEEE India Council Electron Devices Chapter, July 2015.
- **Reviewer** for IEEE Conference on Control Instrumentation Communication and Computational Technologies organized by Department of EIE, Noorul Islam Centre for Higher Education Kumaracoil, Collaboration with IEEE India Council Electron Devices Chapter, December 2015.
- **Organized** National Workshop on “Fuzzy Logic and Neural Networks (FLaNN’10)” organized by Department of Information Technology and the Institution of Engineering

and Technology, Noorul Islam Centre for Higher Education Kumaracoil, March 2010.

- **Reviewer** for International Conference on Networks, Images and Security, organized by Department of Information Technology, Noorul Islam Centre for higher education Kumaracoil, April 2019.
- **Organized** a guest lecture on “Practical applications of Image/Signal Processing” organized by Department of Electronics and Communication Engineering, Saveetha Engineering College, Thandalam, September 2023.
- **Organized** a seminar on “Advancement in Satellite Communication Technology” organized by Department of Electronics and Communication Engineering, Saveetha Engineering College, Thandalam, September 2023.
- **Organized** a seminar on “Image Analysis using Machine Learning” organized by Department of Electronics and Communication Engineering, Saveetha Engineering College, Thandalam, August 2024.
- **Organized** a seminar on “Magical Moments of Day Tight Compartment” organized by Department of Electronics and Communication Engineering, Saveetha Engineering College, Thandalam, March 2024.
- **Organized** a seminar on “Machine Learning in Practice: Real World Case Studies” organized by Department of Electronics and Communication Engineering, Saveetha Engineering College, Thandalam, August 2024.