

Faculty Profile



Ms. Arokia Nerling Rasoni G , M.E.
Assistant Professor, ECE

HIGHLIGHTS:

- Number of Journal Publications: 6
- H-Index:1
- Project Funding Received:Nil
- Patents Published:5
- Patents Granted:Nil

PROFESSIONAL LINKS:

- Scopus ID: 59400384000
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId>
- Google Scholar ID: G. Arokia Nerling Rasoni
- Anna University Faculty ID: 267716
- AICTE Faculty ID: 1-7599473322
- Anna University Supervisor ID: Nil
- LinkedIn: www.linkedin.com/in/arokia-nerling-rasoni-g-47ba90174

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 7
- Industrial Experience: 1

INTERNATIONAL EXPOSURE:Nil.

AREA OF SPECIALIZATION:

- Internet of Things
- Embedded Systems

Ph.Ds AWARDED WITH DETAILS:

S:No	Name of Scholar	Title of Thesis	Year of Completion	Full Time/Part Time

Ph.Ds GUIDING:

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

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:**PATENTS PUBLISHED/GRANTED:**

- Virtual Brain: Model-Based Framework For Dependable Eeg Sensing And Actuation In Intelligent Brain Iot System
- Ai Vs Real: A Deep Learning Approach To Identifying Ai-Generated Images
- System To Prevent Wild Animals And Guard Crop
- Edge Computing Frame work For real time AI Inference and Decision Making in Autonomous Vehicles
- A Hybrid Reasoning Framework For Explainable AI with common sense Knowledge

COURSES CERTIFIED:

- Completed CCNA course at Stellar Technologies.
- Certified as Desktop Support Engineer by Stellar technologies.
- A three month course on Dotnet at Marlen Institute

ACHIEVEMENTS AND AWARDS:

Nil.

SPECIAL SESSIONS DELIVERED:

Resource Person for Chit Chat about Microprocessor and Microcontroller, International Fovea-Z Biomedical Association , 21 jan 2023

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED

- Ten day workshop From Scratch to Deployment Hand on Model Building with Keras and Tensorflow, Sri Venkateswara College from 14 Oct 24 to 25 Oct 24
- One day National Level Workshop on Simplifying Complex Data with Pivot Analysis ,CEDAAR, 15 Nov 24
- One Week FDP Integrating Machine Learning and Deep Learning in Real time IOT, AICTE, from 2 Dec 24 to 7 Dec 2024
- Three days Training Programme on Environmental Sustainability and Research, Avinashilingam Institute for Home Science and Higher Education , 06 April 22 to 08 April 22
- Five days FDP Emerging Application in Image Processing , Rajalakshmi Institute of Engineering and Technology, 01 Mar 22 to 05 Mar 22
- One Week FDP on AI in Healthcare Industry , Rajiv Gandhi College of Engineering AICTE Approved from 09 Feb 2022 to 15 Feb 2022
- Two days Faculty Development and Training Programme on WORKSHOP ON TECHNICAL PAPER CONTENT WRITING-TOOLS, TIPS AND RESOURCES "Saveetha Engineering College" from 29 and 30 Nov 2018
- One day Faculty Development and Training Programme on CONTINUING PROFESSIONAL DEVELOPMENT FOR TEACHERS OF ENGLISH "Saveetha Engineering College" from 30th OCTOBER 2018.

- Two days Faculty Development and Training Programme on TECHNICAL WRITING AND PUBLISHING WITH ADVANCED COMPUTER TOOLS:HANDS ON TRAINING INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING CHENNAI,8th9th September 2018
- One days TechnicalWorkshop and Training Programme on EMERGING TRENDS OF CLOUD COMPUTING & INDUSTRY ADAPTATIONS"Saveetha Engineering College" from 1st August 2018.
- Two days Faculty Development and Training Programme on INDUSTRIAL AUTOMATION USING LABVIEW"Saveetha Engineering College" from 21st June and 22nd June 2018.
- Three days Faculty Development Programme on TEACHING LEARNING PROGRAMMEby "IIT ~ Madras" from 07th May to 09th May 2018.
- One month Faculty Development and Training Programme on FOUNDATION PROGRAM IN ICT FOR EDUCATION by IIT ~ Bombay from 08th March to 12th April 2018
- Two days Workshop on INTRODUCTION TO MACHINE LEARNING by IIT~ Kharagpur from 16th December and 17th December 2017
- One week Faculty Development and Training Programme on EMBEDDED SYSTEM by Saveetha Engineering College from 01st December to 08th December 2017
- One day Workshop on RASPBERRY PI by Saveetha Engineering College on 17th February 2017
- Three day Workshop on Linear Integrated Circuits by Saveetha Engineering College on 16th,17th &19th December 2016
- One week ISTE Workshop on Computer Networking by IIT Kharagpur from 30th June to 5th July, 2014
- Two week ISTE Workshop on Analog Electronics conducted by IIT ~ Kharagpur from 04th to 14th June 2013
- Training in Embedded System Design using 8051 Microcontroller in Shri Gemni Kits &Spaare,Chennai

CONFERENCES

- A Vibration Based On Piezoelectric Energy Harvester, Saveetha Engineering College, 31.03.2017
- Data Acquisition and Tracking system Based on Internet of Things (IOT), Saveetha Engineering College, 22.2.2018-23.2.2018
- Detection of Malicious Node To Avoid Data Loss IN Wireless Networks Using Elastic Routing Table, ARM College Of Engineering and Technology, 3.3.2018-4.3.2018
- In Flight Communication is Rely on the MONTE Carlo Rat Tracing Light, Saveetha Engineering College, 28.3.2018
- Energy Distribution Management Using Iot, Saveetha Engineering College, Oct2018
- TRAFFIC AND ACCIDENT
- DETECTION FOR IMAGES AND VIDEOS USING DEEP LEARNING TECHNIQUES, St.Peter's Institute of Higher Education and Research,6 June 2021

PROFESSIONAL MEMBERSHIPS:Nil

OTHER DETAILS (If any):Nil