

# Faculty Profile



**Ms. Rohini M, M.E.,**  
Assistant Professor (OG)

## **HIGHLIGHTS:**

- Number of Journal Publications: 4
- H-Index: 3
- Project Funding Received: NIL
- Patents Published: 2
- Patents Granted: 2

## **PROFESSIONAL LINKS:**

- Scopus ID: 58182679300
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=58182679300>
- Google Scholar ID: NIL
- Anna University Faculty ID: 277945
- AICTE Faculty ID:
- Anna University Supervisor ID: NIL
- LinkedIn: <https://www.linkedin.com/in/rohini-m-175328215/>

## **PROFESSIONAL BACKGROUND:**

- Teaching Experience till date: 6 Years & 5 Months
- Industrial Experience: NIL

## **INTERNATIONAL EXPOSURE:**

- XXXXX
- YYYYY
- ZZZZZZ.

## **AREA OF SPECIALIZATION:**

- VLSI Design
- Digital Communication
- Optical Communication
- Communication Networks

## 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: NIL**
- **Part Time Scholars : NIL**

**SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY: NIL**

## PATENTS PUBLISHED/GRANTED:

- ARDUINO BASED REAL TIME FOOD DETECTION SYSTEM
- COAGULATION ANALYSIS DEVICE FOR ANTICOAGULANT THERAPY

**ACHIEVEMENTS AND AWARDS: NIL**

**SPECIAL SESSIONS DELIVERED: NIL**

## PROGRAMMES ORGANIZED / COORDINATED :

- Conducted a “Hands-On Workshop On Arduino Powered Path Tracker” on 30.10.2023 & 31.10.2023 in Department of ECE, Saveetha Engineering College.

## CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Implementation of Data Analysis for Affordable Smart Farming based on IoT and Machine Learning at 9<sup>th</sup> International Conference on Communication and Electronics Systems (ICCES 2024)
- Automated Extraction of Objects from Aerial Images using a Convolutional Neural Network at 5<sup>th</sup> International Conference on Data Intelligence and Cognitive Informatics (ICDICI 2024)
- Wireless sensor network based smart greenhouse by using internet of things  
Ravisundar, K., Mohan, N.A.P., Archana, T., ... **Rohini, M.**, Rosemitta, V.AIP Conference Proceedings, 2024, 2935(1), 020023
- Underwater Wireless Communication System using Li-Fi Technology  
**Rohini, M.**, Harshhika, S.B., Swathi, R. 3rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2024
- A Novel Approach to Vehicular Safety: Raspberry Pi-based Collision Avoidance and Connectivity in Smart Automobiles Leveraging AI-driven Sensor Fusion **Rohini, M.**, Praneeth, T., Sivareddy, T., Tamilselvan, A.  
2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings, 2023, pp. 235–240
- IoT based Smart Car Parking System with the Help of Sensors Networks  
**Rohini, M.**, Rahul, A., Rithik, A., Steve John, D. Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023, 2023, pp. 57–60
- Emerging Applications in Image Processing at Rajalakshmi Institute of Technology Online 01/03/22 to 05/03/22 - 5 days
- Citation management in scholarly writing - tools and techniques -24/9 to 26/9

- National intellectual property awareness mission - 29/1/22
- Faculty Development Programme on” Emerging Applications in Image Processing “ by department of Electronics and Communication Engineering from 01.03.2022 to 05.03.2022
- Faculty Development Programme on” Contemporary Trends in IOT and Blockchain” from 15.03.2022 to 19.03.2022
- Faculty Development Programme on &quot;Empowering Innovators: Unleashing the Potential of Intellectual Property, Research Funding, Technology and Entrepreneurship&quot;; Organized by the Department of Electronics and Communication Engineering, Panimalar Engineering College from 24-07-2023 to 29-07-2023.
- Faculty Development Programme on “Supercharge your Research Papers: Conference & Journal Writing with CHATGPT & AI Toolbox” organised by LMS solution on 29 th July 2023
- Faculty Development Programme on “Recent Trends in AI” Organised by Bhupal Nobles University, Udaipur with Pantech from 22-01-2024 to 27-01-2024
- Faculty Development Programme on” Latest Trend and Techniques in Software Engineering “ by CHRIST University from 20-01-2024 to 27-01-2024
- Faculty Development Programme on” Advanced Research in Biomedical Engineering” by department of Biomedical Engineering with IEEE,IETE from 29-01-2024 to 02-02-2024
- Faculty Development Programme on” Shastri Indo Canadian Lecture Series on &quot;AI Driven Advancements in Modern Wireless Communication&quot;; held on 23rd & 24th January 2024, organised by the Department of Electronics and Communication Engineering, SRM Institute of Science and Technology, Vadapalani, Chennai, India and sponsored by the Shastri Indo Canadian
- Eight Days National Level FDP on &quot;Research Methodology and Pedagogy of Writing, Project Funding &quot;; from 29.01.2024 to 06.02.2024
- International Conference – 2nd International Conference on Advances in new materials. University of madras - 8th June 2018.
- National seminar on “Research & innovations in nano science & technology”, Saveetha Engineering College.
- National seminar on “Challenges in Cyber security”, In Saveetha Engineering College.
- Online STTP on BLOOM’s Taxonomy - Module 2, In Saveetha Engineering College.
- Online STTP on BLOOM’s Taxonomy - Module 3, In Saveetha Engineering College.
- National seminar on “Robotic Process Automation and its allied Machine Learning Techniques”, In Vels University
- National seminar on “Employability Skills for the 21st Century” In Saveetha Engineering College.
- National seminar on “Let’s Talk Engineering”, In Saveetha Engineering College.
- National seminar on “Citation Management in Scholarly writing - Tools & Techniques”, In Saveetha Engineering College.
- National seminar on “RF AND WIRELESS DESIGN CONSIDERATIONS”, In Sathyabama Institute of Science & Technology

**PROFESSIONAL MEMBERSHIPS: NIL**

**OTHER DETAILS (If any): NIL**