

## **Faculty Profile**



**Dr. Monica P Suresh, M.E., Ph.D**  
Associate Professor/ EEE

### **HIGHLIGHTS:**

- Number of Journal Publications: 7
- H-Index: 2
- Patents Published: 3
- Patents Granted: 1

### **PROFESSIONAL LINKS:**

- Scopus ID: Suresh Monica P
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=57192238808>
- Google Scholar ID: Monica P Suresh
- Anna University Faculty ID: 2122160
- AICTE Faculty ID: AICTE – 1- 472607812
- LinkedIn: [linkedin.com/in/monica-suresh-66b57b20](https://www.linkedin.com/in/monica-suresh-66b57b20)

### **PROFESSIONAL BACKGROUND:**

- Teaching Experience till date: 29 Years
- Industrial Experience: 1 Year

### **AREA OF SPECIALIZATION:**

- Digital System Design
- Digital Signal Processing
- Micro Electro Mechanical Systems

### **PATENTS PUBLISHED/GRANTED:**

#### **Published:**

- IOT based Sailing Vessel Stem Bulb Mounted Sail Course Recorder, 202041043513 A, dtd 10.02.2023
- Creating an Automated Pest Detection and Control System using Machine Learning and Robotics. 202341058482, dtd 31.08.2023
- Designing a smart livestock monitoring system using wireless sensor networks and data analytics, App. No. 202341058461, dtd 31.08.2023

#### **Granted:**

- Sun tracking Solar Panel, 3App. No. 78147-001, dtd 12.04.2023

**CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:**

- ATAL FDP on “Electric Vehicles: Technological Innovations and Market Trends” from 02.12.2024 to 07.12.2024
- One day PoSH awareness workshop on 11.03.23
- Two days FDP on “Educating the Millennials” from 17.02.2022 to 18.02.2022
- AICTE sponsored STTP on “Avenues for Energy Conservation in Residential Buildings” from 24.01.’22 to 31.01.’22
- One day workshop on “The Leader’s Secret” on 05.01.2022
- A STTP on “Machine Learning Applications to Internet of Things” from 01.02.’21 to 06.02.’21
- One day workshop on, “Design thinking”, on 07.12.2018
- NITTT&R sponsored, “Workshop on Outcome based Education through ICT”, from 05.03.2018 to 09.03.2018
- Workshop on ,”IOT using Rasberry Pi” by NIELIT from 27.11.2017 to 08.12.2017
- One Day “Hands on Training in LATEX” on 04.02.2017
- AU Sponsored FDTP on Flexible AC Transmission Systems from 16.12.2015 to 22.12.2015
- National Seminar on Investors Awareness on 06.02.2014
- Two Week ISTE Workshop on Signals & Systems from 02.02.2014 to 12.02.2014
- Board of Research in Nuclear Science sponsored National Research Scholar’s Seminar on Green Technologies in Communication & Computing from 03.10.2013 to 04.10.2013
- National Workshop on Application of MEMS in Engineering 27.08.2012 to 31.08.2012
- BEC Coordinators Workshop on Class Room Management on 22.09.2011
- Workshop on Hands on Training on MEMS Softwares on 01.08.2011 to 03.08.2011
- International Technical Seminar on Green Lighting for a Greener World on 05.03.2011
- CSIR Sponsored National Workshop on Smart MEMS and SENSOR Systems on 01.12.2010 and 02.12.2010
- Workshop on Applications of MEMS in Instrumentation Engineering on 27.08.2010 and 28.08.2010
- Advanced Workshop on Mission10x Learning Approach on 06.01.2009 and 07.01.2009
- Mission 10X Workshop from 17.11.2008 to 21.11.2008

**PROFESSIONAL MEMBERSHIPS:**

- Life Member of ISSS
- Life member of ISTE