Faculty Profile



Dr. A. Athiraja , M.E., Ph.D
Professor – CSE (CS)

HIGHLIGHTS:

- Number of Journal Publications:27
- H-Index:09
- Project Funding Received:02
- Patents Published:10
- Patents Granted:00

PROFESSIONAL LINKS:

- Scopus ID: 57217825215
  Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=57217825215
  Google Scholar ID: https://scholar.google.com/citations?user=Kwi0GN0AAAAJ&hl=en
- Anna University Faculty ID: 2673471990
- AICTE Faculty ID: 1-3216240734
- Anna University Supervisor ID: NA
- LinkedIn: https://www.linkedin.com/in/athiraja-atheeswaran-33a52877/

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 12 years
- Industrial Experience: Nil

AREA OF SPECIALIZATION:

- Machine Learning
- Computer Vision
- Robotics

Ph.Ds AWARDED WITH DETAILS: NA

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

Ph.Ds GUIDING:

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

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

- Project Title: Breath Ease; Budget: 500000; Funding Agency: IEEE
- Project Title: AI-Enabled Climate-Smart Agriculture for Sustainable Livelihood Enhancement of Scheduled Caste Farmers in Thiruppathur Aspirational Block, Sivagangai District, Tamil Nadu; Budget: ₹2.5 Crores; Funding Agency: DST

PATENTS PUBLISHED/GRANTED:

- AI-Driven Digital Health Surveillance System For Monitoring, Protecting, And Rehabilitating
- A Novel Protective Face Mask With Enhanced safety Features
- Yolov7 Based Vegetable Monitoring And Pesticide Control System
- Extraction Of Chitosan From Shrimp Shell And Stem Juice From Miusa Paradisiaca Blended With Polyvinyl Alcohol For Wound Healing Application
- Design And Implementation Of Based Multifunctional Agribot Using Iot
- Multi Features Shovel (Manvetti) Using Iot
- Artificial Intelligence Based Micropipette For Laboratory Usage
- Automatic Pearl Millet Seed Remover Using Artificial Intelligence
- Automatic Finger Millet Seed Remover Using Artificial Intelligence
- Transmission Line Breakage And Fault Detection Using Iot

COURSES CERTIFIED:

- PATH372.11x: Diseases of Horticultural Crops and their Management, Part 1 a course of study offered by ICRISAT led NVAforIA on IITBombayX, an online learning initiative of Indian Institute of Technology Bombay.
- PATH372.2x: Diseases of Horticultural Crops and their Management, Part 2 a course of study offered by ICRISAT led NVAforIA on IITBombayX, an online learning initiative of Indian Institute of Technology Bombay.
- Python a course of study offered by Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.
- Embedded C
- HTML- online certification course
- XHTML- online certification course
- PHP- online certification course
- Java Script- online certification course

ACHIEVEMENTS AND AWARDS:

- Received award for Best Innovator
- Received award for Digital Guru
- Received award for student favorite staff
- Recognized as the reviewer in Soft Computing – Springer, Applied softcomputing- Elsevier, Circuit world journal. Number of papers reviewed: 12.
- Recognized as the topper in Ist year M.E(CSE) and IInd year M.E(CSE) department and received certificate of appreciation for the same.
- Recognized as the topper in 5th & 7th sem B.E(ECE) department and received certificate of appreciation for the same.
- Participated in the college level badminton match and secured the winners up position
- Participated in the college level volley ball match and secured the runners up position
- Received certificate of appreciation for 100% attendance.
- Received certificate of appreciation for 100% result produced.
- Received award for Motivational Teacher.

SPECIAL SESSIONS DELIVERED:

- Embedded and Wireless Applications
- Clean Room Software Engineering for Zero Defect Software
- Microstrip Antenna Design using ADS Tool
- MATLAB real time applications
- Automated vehicle engineering

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Participated in the two day Faculty development program on "RESEARCH BASED SIMULATION TECHNIQUES IN IMAGE PROCESSING AND MOBILE COMPUTING" conducted by the department of CSE held on 09-10 feb'12 organized by K.L.N.College of Information Technology, Madurai.
- Participated in the two day Faculty development program on "MATLAB" conducted by the department of CIVIL held on 15-16 November'16 organized by SRIT, Coimbatore.
- Participated in one-day workshop on "Data Mining And National Security" held on December 2nd,2011. Organized by Thiagarajar College ofEngineering.
- Participated in six-day workshop on "8051 Microcontroller & PIC Controller" held on December 5-11,2012. Organized by Vickram College ofEngineering.
- Participated in one-day workshop on "Research Methodology for Science and Engineering" held on March 29,2014. Organized by Vickram College ofEngineering.
- Participated in two-day workshop on "SCILAB" held on December 3&4,2014. Organized by IIT Bombay.
- Participated in two-day workshop on "MATLAB" held on December 2&3,2016. Organized by Bannari Amman Institute of Technology.

PROFESSIONAL MEMBERSHIPS:

- IAENG