



Dr. P. Yuvaraj, M.E., Ph.D

Assistant Professor (SG)

HIGHLIGHTS:

- Number of Journal Publications: 05
- H-Index:
- Project Funding Received: NIL
- Patents Published:
- Patents Granted: NIL

PROFESSIONAL LINKS:

- Scopus ID:
- Scopus Link:
- Google Scholar ID:
- Anna University Faculty ID:
- AICTE Faculty ID:
- Anna University Supervisor ID: NIL
- LinkedIn:

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 10 years
- Industrial Experience: 3 years

AREA OF SPECIALIZATION:

- Wireless sensor networks
- IoT
- Embedded systems
- Analog and digital electronics
- Control systems

Ph.Ds AWARDED WITH DETAILS: NIL

Ph.Ds GUIDING:

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

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY: NIL

PATENTS PUBLISHED:

- IOT BASED MONITORING SYSTEM FOR & NBSP; COAL MINE USING ARDUINO, 19/07/2024, Dr. A. R. Kalaiarasi, Dr. T. Merlin Inbamalar, **Dr. Yuvaraj Padmanaban**, M. Prabakaran, M. Thirumalai, A. Anjalini Jayaprabha.

COURSES CERTIFIED:

- Certificate in “Web Centric Computing” from NIIT, Theni on Mar 2002.
- Certificate in “AutoCAD 2D, 3D Modelling” from ORBIT Media, Vellore on Dec 1997.
- Certificate in “Basics of Computers” from VETHA computer centre, Vellore on May 1997.

ACHIEVEMENTS AND AWARDS:

- Got Research Fellowship from VIT, Vellore for 4 years from 2014 to 2018.
- Got a research award in 2016 from VIT, Vellore in recognition of the contribution to research through publication in peer reviewed journals.

SPECIAL SESSIONS DELIVERED: NIL

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Yuvaraj, P. “A Novel Hybrid Clustering Algorithm for Energy-Efficient Data Aggregation in Wireless Sensor Networks.” 2nd International conference on Advanced Technology in Engineering & Management (ICATEM). Taylor & Francis, 2024.
- Yeshwant, V., Praveenkumar S, Yuvaraj. P. “IOT based colour segregation system.” Virtual International Conference on Sustainable Smart Cities Integrated with Clean Energy Sources (SCES 2024), SICI, 2024.
- Yuvaraj, P., and Manimozhi, M. “Impact of base station location in clustering schemes of WSN.” International conference on Microelectronic Devices, Circuits and Systems (ICMDCS). IEEE, 2017. [Indexed in: SCOPUS and Google scholar. Publisher: IEEE.]
- Yuvaraj, P., and Venkata Lakshmi Narayana, K. “EESCA: Energy efficient structured clustering algorithm for wireless sensor networks.” International Conference on Computing, Analytics and Security Trends (CAST). IEEE, 2016. [Indexed in: SCOPUS and Google scholar. Publisher: IEEE.]

- Yuvaraj. P, “Reduced Energy Scheme Clustering Algorithm for Ad Hoc Wireless Sensor Networks” National Conference on Construction, Computing, Control, Communication and Manufacturing (NC4M) organized by SRS College of Engineering and Technology, Salem, Mar 2013.
- Yuvaraj. P, “Reduction of High Order Discrete Time Systems” National Conference on Electronics, Control and Automation (NCECA) organized by SRM University, Chennai, Sep 2009.
- Yuvaraj. P, “Energy Sorting Protocol for WSN” National Conference on Trends in Communication (NCTC) organized by Sona College of Technology, Salem, Feb 2008.
- FDP on “C Programming and Assembly Language” conducted by NPTEL-AICTE during Aug to Sep 2023.
- FDP on “Introduction to Internet of Things” conducted by NPTEL-AICTE during Jan to Apr 2023.
- FDP on “Societal Advances in Wireless Systems and Emerging Technologies” at Saveetha Engineering College, Chennai in Jan 2023.
- FDP on “Advanced Green Computing Technology in Healthcare” at Saveetha Engineering College, Chennai in Dec 2022.
- FDP on “Electrical Vehicle Technology: Challenges and Opportunities” at Saveetha Engineering College, Chennai in Dec 2022.
- FDP on “Virtual labs” at at Saveetha Engineering College, Chennai in Oct 2022.
- Workshop on “Latex for technical report writing” at Vellore Institute of Technology (VIT), Vellore in May 2017.
- Workshop on “Recent Advancement in Renewable Energy and Smart Grid” at VIT, Vellore in Feb 2016.
- Workshop on “Internet of Things: Wireless Sensor Networks” at VIT, Vellore in Dec 2015.
- Workshop on “Soft Computing and Engineering Optimization using MATLAB” at VIT, Vellore in Apr 2015.
- Faculty Development program on “Research Trends in Non linear Science and Engineering” organized by TIFAC-CORE in Automotive Infotronics at VIT, Vellore in Aug 2014.
- Faculty Development program on “MATLAB” at VIT, Vellore in Aug 2014.
- Workshop on “Network Simulator (NS-2) on Wireless Networks” organized by Sona College of Technology, Salem in Sep 2012.

- Workshop on “TCP and its Variants in Network Simulator (NS-2)” organized by Jayalakshmi Institute of Technology, Thoppur in Aug 2012.
- Workshop on “Research Methods and Innovations” organized by SRS College of Engineering and Technology in Aug 2011.
- Workshop on “Simulation & Emulation using QUALNET – Network Simulator Software” at PSG College of Technology in Sep 2009.
- Seminar on “Technical Teachers Quality Improvement (TTQI – 2009)” organized by Consortium of self-financing professional arts and science colleges in Tamilnadu in May 2009.
- Participated in “Infosys Campus Connect Soft skills Training Workshop” at Sona College of Technology, Salem in Mar 2008.
- Workshop on “Modern Trends in Instrumentation and Control” at PSG College of Technology in Feb 2008.
- Participated in “Pedagogy Training Programme” at Sona College of Technology, Salem in Jan 2008.
- Staff Development Program on “Challenges in advanced VLSI design Technologies” at St. Peters Engineering College, Chennai in Jan 2008.
- Workshop on “Role of Embedded Systems in Industries” at St. Peters Engineering College, Chennai in Sep 2007.
- Training Program on “Learning Systems in Intelligent Control: An appraisal of Fuzzy, Neural and Genetic Algorithms” at St. Peters Engineering College, Chennai in Mar 2007.

PROFESSIONAL MEMBERSHIPS:

Student member of IEEE from 2017 to till date. Membership Id is: 94394581.

Skills:

Programming knowledge in C, C++, MATLAB.

Knowledge in MS Office, OrCAD PSpice, Origin, LabVIEW, LaTeX.