

Faculty Profile



Mrs. S.P.Panimalar , M.E., (Ph.D)
Assistant Professor (OG) - IT

HIGHLIGHTS:

- Number of Journal Publications: 5
- H-Index: 3
- Project Funding Received: 0
- Patents Published: 3
- Patents Granted: 1

PROFESSIONAL LINKS:

- Scopus ID: 57216524256
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=57216524256>
- Google Scholar ID: S.P.Panimalar
(<https://scholar.google.com/citations?hl=en&user=DuTfDMcAAAAJ>)
- Anna University Faculty ID: 2122536
- AICTE Faculty ID: 1-7353116839
- Anna University Supervisor ID: NA
- LinkedIn: <https://www.linkedin.com/in/panimalar-pandian-b22a43231/>

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 9 years
- Industrial Experience: Nil

INTERNATIONAL EXPOSURE:

- Nil

AREA OF SPECIALIZATION:

- Privacy and Security in Cloud
- Federated Learning
- Blockchain

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:

- Nil

PATENTS PUBLISHED/GRANTED:

- A Collapsible and Portable Lactation for mothers
- Touch Down Aviation and Thrust Powered Runway with IoT
- Blockchain Enabled Device for Enhancing Computer Network Safety
- A Machine Learning Algorithm For Detecting Driver Drowsiness

COURSES CERTIFIED:

- Python for Data Science – NPTEL
- The Joy of Computing using Python – NPTEL
- Data Analytics Essential - Cisco
- AngularJS - Infosys
- Python3 – From Beginner to Pro – Udemy
- Manual Testing - Udemy

ACHIEVEMENTS AND AWARDS:

Member - The Confederation of Elite Academicians of IICDC

Evaluator – Toyathon conducted by Ministry of Education

Reviewer

- IEEE International Conference on Applied Intelligence and Sustainable Computing organized by Shri Dharmasthala Manjunatheswara College of Engineering and Technology, Dharwad
- Springer 4th International Conference on Advanced Network Technologies and Intelligent Computing (ANTIC 2024) organized by Banaras Hindu University, Varanasi

- 4th IEEE International Conference on Mobile Networks and Wireless Communications organized by Sri Siddharthe Institute of Technology, Tumakuru
- IEEE International Conference on Software, Systems and Information Technology organized by Sri Siddharthe Institute of Technology, Tumakuru

SPECIAL SESSIONS DELIVERED:

- Nil

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- **Conferences:**

- Presented paper in 4th International Conference on Evolutionary Computing and Mobile Sustainable Networks on paper titled **“A Novel Privacy Protection Technique of Electronic Health Records using Decentralized Federated Learning with Consortium Blockchain”**
- Presented paper in International Conference on Application of AI, ML, DL, Big Data on Recent Societal Issues on title **“Twitter Based Sentiment Analysis to Predict Emotions using Machine Learning Algorithm”**
- Presented paper in IEEE International Conference on Computing Communication Control and Automation (ICCUBEA) on title **“Enhanced Security Technique for Adhoc Transmission Using Hyper Elliptic Curve”**
- Presented paper in International Conference on Emerging Trends in Expert Applications and Security on title **“A Survey Based on Privacy-Preserving Over Health Care Data Analysis”**
- Presented paper in International Conference on Emerging Trends in Expert Applications and Security on title **“IoT-Based Air Quality Monitoring System”**
- Presented paper in International Conference on Emerging Trends in Expert Applications and Security on title **“ATM Theft Detection Using Artificial Intelligence”**
- Presented paper in International Conference ICITCT conducted by The Rajaas Engineering College, Thirunelveli on title **“The Analytical Approach for Node Creation and Load Balancing in Clustered Overlay Network”**.
- Presented paper in Fourth International Conference on Design and Application of Structures, Drives, Communicational and Computing Systems on title **“Text Summarization as a feature selection for categorizing Tamil Documents using machine learning Approach”**.

- Presented paper in Fourth International Conference on Design and Application of Structures, Drives, Communicational and Computing Systems on title “**Mobile Healthcare Using Wireless Sensor Network**”.
- Presented Paper in National Conference on Challenges in Social, Mobile, Cloud, Analytics & Internet of Things on title “**Feedback system for discovering web services using global social service network**”.
- Presented Paper in National Conference on RTEIT on title “**Privacy Protection and Security against Shoulder Surfing using the Danger naïveté-coding horror Algorithm**”.
- Presented Paper in National Conference on ICRAACE on title “**Authorized Equality Test On Identity - Based Ciphertexts For Secret Data Sharing Via Cloud Storage**”.
- Presented Paper in National Conference on ICRAACE on title “**Detection of Road cracks and potholes and registering complaint using Artificial Intelligence**”.

- **Seminars/Workshops**

- Attended “**Open Source Technology and Application**” Workshop conducted in Anna University, Tharamani Campus.
- Attended Five Days Faculty Development Programme on “**Advanced Networking and Cloud Computing**” organized by Kalasalingam University .
- Attended Research Seminar on “**Enhancing research potential in CSE & IT**”
 - organized by Vellalar College of Engineering and Technology, Erode.
- Participated and Obtained A+ grade in Five Days Faculty Enablement Programme on “**Foundation Program 4.0**” organized by Infosys Limited at K.L.N.College of Information Technology.
- Attended One Week Faculty Development Program on **Electronics circuit I** in K.L.N College of Information Technology.
- Attended Faculty Development Program on “**Logics Of Programming**” organized by Pandian Saraswathi Yadav Engineering College.
- Attended One Week Faculty Development Program on “**Recent Research Trends In SVM, PCA, CROSS Validation ,Receiver Operating Characteristics(Roc) Curve, Wavelet Transforms & Mann-Whitney U Test**” Conducted in K.L.N. College of Information Technology.
- Attended Two days Workshop on “**Mobile Application Development**” conducted in K.L.N. College of Information Technology.

- Attended Three Days Faculty Development Programme on “**Grid and Cloud Computing**” in K.L.N. College of Information Technology.
- Attended Two days Workshop on “**Data Mining Laboratory**” conducted in K.L.N. College of Information Technology
- Attended Five days National Workshop on “**Exploring the Impact of Data Analytics in Healthcare**” conducted in K.L.N. College of Information Technology.
- Attended 7 days Faculty Development Training Programme on “**Design and Analysis of Algorithms**” in Anna University, MIT Campus, Chennai.
- Attended 5 days Hands on FDP on “**Data Science using Python** “ in Jeppiar Institute of Technology .
- Attended 10 days webinar series conducted by Infosys Campus Connect on “**Learning Experience**”.
- Attended 5 days FDP on “**R Programming**” conducted by Sathyabama Institute of Science and Technology in association with IIT Bombay .
- Attended 5 days FDP on “**Core Java, OOPS**” conducted by Infosys Campus Connect program.
- Attended 5 days ATAL FDP on “**Deep Learning using Natural Language Processing**” conducted by Bhilai Institute of Technology Durg.
- Attended 5 days ATAL FDP on “**Machine Learning Applications in NLP and Computer Vision**” conducted by Punjabi University Patiala
- Attended 5 days ATAL FDP on “**Data Science**” conducted by JC Bose University of Science and Technology.
- Attended workshop on “ **Microsite Creation** “ conducted by Infosys.
- **Attended Webinar on “Cyberwarfare, Cyber Security and Cyber Citizenship** “ Conducted by Bharati Vidyapeeth’s Institute of Computer Applications and Management
- Attended 5 days FDP on “**Research Advancements in Intelligent Computing Technologies**” conducted by Sri Krishna College of Engineering and Technology.
- Attended 5 days FDP on “**Machine Learning and Deep Learning**” conducted by SRM Institute of Science and Technology.
- Participated in “**ISTE Sponsored Short Term Training Programme on Deep Learning Tools and its Applications**” by Sairam Engineering College.
- Participated in workshop on “ **Designing and Modelling of IoT, AI and ML Systems**” organized by AICTE, Arm Education and STMicroelectronics.
- Attended workshop on “**Effective Research Proposal and Research Paper Writing**” conducted by Velammal Engineering College.

- Attended one week FDP on “**Blockchain**” conducted by Kamaraj College of Engineering and Technology.
- Attended one week FDP on “**Deep Learning and IoT Driven Smart Applications**” conducted by MLRIT.
- Attended one week FDP on “**Implications of Emerging Computing Technologies**” conducted by Hindusthan College of Arts and Science.
- Attended one week FDP on “**Empowering Image Processing and Artificial Intelligence Techniques with MATLAB**” conducted by SRM Institute of Science and Technology.

PROFESSIONAL MEMBERSHIPS:

- Life Member in **Indian Society for Technical Education (ISTE)**.

OTHER DETAILS (If any):

NIL