Faculty Profile



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

HIGHLIGHTS:

- Number of Journal Publications: 15
- H-Index: 6
- 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: 2677411990
- 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: 11 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 – Toycathon 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, Tumakaru
- IEEE International Conference on Software, Systems and Information Technology organized by Sri Siddharthe Institute of Technology, Tumakaru

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 servicesusing global social service network".**
- Presented Paper in National Conference on RTEIT on title **"Privacy Protection and Security against Shoulder Surfing using the Danger naiveté-coding horror Algorithm"**.
- Presented Paper in National Conference on ICRACE on title "**Authorized Equality Test On Identity - Based Ciphertexts For Secret Data Sharing Via Cloud Storage".**
- Presented Paper in National Conference on ICRACE 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 AnnaUniversity, Tharamani Campus.
  - Attended Five Days Faculty Development Programme on **"Advanced Networkingand 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 Programmeon **"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.NCollege of Information Technology.
  - Attended Faculty Development Program on **"Logics Of Programming"** organized byPandian 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 Analysisof 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 **"LearningExperience".**
- 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