Faculty Profile



SATHYA U ,M.E
Assistant Professor,CSE(OG)

HIGHLIGHTS:

- Number of Journal Publications:6
- H-Index:3
- Project Funding Received: NA
- Patents Published:5
- Patents Granted:0

PROFESSIONAL LINKS:

- Scopus ID: 59232253800
- Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=59232253800
- Google Scholar ID:NA
- Anna University Faculty ID: 2654531989
- AICTE Faculty ID:1-43647688768
- Anna University Supervisor ID:NA
- LinkedIn: https://www.linkedin.com/mwlite/feed/

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 3 Years 3 Months
- Industrial Experience: NIL

INTERNATIONAL EXPOSURE: NA

AREA OF SPECIALIZATION:

- Computer Networks
- Parallel Computing Architecture
- Machine Learning

Ph.DsAWARDED WITH DETAILS:NA

Ph.Ds GUIDING:

- **Full Time Scholars:** No
- **Part Time Scholars:** No

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY: NIL

PATENTS PUBLISHED/GRANTED:

- BIOMIMETIC SWARM INTELLIGENCE FOR AUTONOMOUS CYBERSECURITY MESH NETWORKS
- DISTRIBUTED LEDGER TECHNOLOGY-BASED SECURE AUTHENTICATION AND AUTHORIZATION FRAMEWORK FOR 6GWIRELESS NETWORKS.
- REAL-TIME NETWORK ANOMALY DETECTION USING DEEP LEARNING.
- MACHINE LEARNING ENHANCED FRAUD DETECTION SYSTEM POWERED BY BLOCKCHAIN LEDGER.
- BLOCKCHAIN CREDENTIALS FOR HR APPLICATIONS.

COURSES CERTIFIED:

- Udemy Online Course – Blockchain Security Security Essentials.
- Udemy Online Course – Ethereum Blockchain Developer Bootcamp with Solidity(2025).
- NPTEL - Blockchain and its Applications (Jan-Apr 2025).
- NPTEL – Qualitative Research Methods and Research Writing (Jan-Apr 2026).

ACHIEVEMENTS AND AWARDS:

- NIL

SPECIAL SESSIONS DELIVERED:

- NIL

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- 21 Days Masterclass on NVIDIA - AI Hardware at Pantech e-learning Pvt Ltd,chennai
- One week FDP on “Deep learning and IOT driven Smart Applications” Organized by Department of Computer science and Engineering,MLRIT.

- Five-day virtual Faculty Development Program on “Exploring Wearable Tech and AI Innovations for personalized Healthcare”organized by the Department of BME, Rajalakshmi Engineering College.
- Attended an offline faculty development program on “Integrating Machine Learning and Deep Learning in Real Time IOT SYSTEMS”, conducted by AICTE ATAL,Saveetha Engineering College.
- Attended an offline faculty development program on “Celonis process mining using the celonis process Intelligence platform”, conducted by ICT ACADEMY,Saveetha Engineering ,college.
- Attended Two-Day National Level Online Workshop on “Designing Effective Surveys,” Organised by CEDAAR, Chennai, India.
- Attended an online faculty development program on “Machine Learning using Python”, conducted by NITTR ,Chandighar.
- Attendend an One week FDP on “Hands on training in machine learning and artificial intelligence for biomedical applications” Organized by Department of Electronics and Communication Engineering, SRM Institute of Science and Technology, Vadapalani, Chennai.
- Attended an online mode five days workshop on “AI in Research Perspective” organized by the centre for Artificial Intelligence and Data Science Research and Applications (CAInDRA) in collaboration with Department of Information Science and Technology,College of Engineering ,Guindy,Anna University.
- Attended an online mode five days FDP on “Cybersecurity in Blockchain” organized by the Department of Computer Science and Engineering, Misrimal Navajee Munoth Jain Engineering College, Chennai.
- Attended in the AICTE recognized FDP on “Machine Learning using Python” by Department of Computer Science and Engineering, Eswari Engineering College,Chennai.
- Attended an online mode one week FDP "From Generative AI to Cyber Resilience: Emerging Technologies Shaping the Intelligent Digital Era" Organized jointly by the Department of Artificial Intelligence & Data Science, Department of CSE (Cyber Security), S.A. Engineering College, in association with Pantech eLearning Pvt. Ltd.

PROFESSIONAL MEMBERSHIPS:

- NIL

OTHER DETAILS (If any):

- NIL