Faculty Profile



M. Sangeetha Priya , M.E.,
Assistant Professor, CSE

HIGHLIGHTS:

- Number of Journal Publications: 11
- H-Index: 2
- Patents Published: 8 (1 Design Patent)

PROFESSIONAL LINKS:

- Scopus ID: Priya, M. Sangeetha
- Scopus Link:
- https://www.scopus.com/authid/detail.uri?authorId=59141222200
- Google Scholar ID: M.Sangeetha
- Anna University Faculty ID: 2690751991
- AICTE Faculty ID: 1-43366578509
- LinkedIn: https://www.linkedin.com/in/sangeetha-priya-19023b235/

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 3.9 years
- Industrial Experience: 3yrs

AREA OF SPECIALIZATION:

- Cyber Security
- Networking
- Quantum Communication

PATENTS PUBLISHED/GRANTED:

Patent 1: Title of the invention : Smart irrigation scheduling system using IoT-solarPower

Patent 2: Title of the invention : AI-ENABLED AUTONOMOUS DRONE PATROLLING SYSTEM FOR ANTI-POACHING AND WILDLIFE PROTECTION

Patent 3: Title of the invention : Autonomous Robotic Foliar Sprayer for Precision Agriculture

Patent 4: Title of the invention : SMART BLOCKCHAIN GOVERNANCE USING REINFORCEMENT LEARNING ALGORITHMS

Patent 5: Title of the invention : AI BASED ROBOT FOR PIPELINE INSPECTION AND MAINTENANCE

Patent 6: Title of the invention : AI DRIVEN AUTONOMOUS ANDADAPTIVE FIREWALL

Patent 7: Title of the invention: QUANTUM MACHINE LEARNING-BASED AUTONOMOUS CYBER DEFENCE SYSTEM

Patent 8: Title of the invention: VOICE CONTROLLED FARM MONITORING ROBOT.

COURSES CERTIFIED:

- Heights - DACP Courses - Completed (National Level Fourth Rank)
- Livewire - Course on Network Engineering - Routing and switching

ACHIEVEMENTS AND AWARDS:

Member in IACSIT

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- "Evaluation of Cost effective Neutron Probe Soil Moisture Sensors for Incorporation In to IoT Networks" in the 1st IEEE International Conference on Multidisciplinary Research in Technology and Management – MRTM 23, organized by New Horizon College of Engineering, Bengaluru on 22nd & 23rd September 2023.
- National Level webinar on 'AI in Cyber Security' Organized by the school of computer science and Engineering JAIN (Deemed to be University), Global campus , Bangalore.
- The Webinar organized by ECE Tittle 'IOT Automation through open source Tools' at Vaigai College of Engineering, Madurai.
- The Webinar organized by Saveetha Engineering college, department of physics title ' Introduction to Quantum Physics'.
- 5-Days FDP on "New Age Technologies" organized by SCOPE, VIT-AP University, Amaravati from 28-03-2023 to 01-04-2023.
- 5 - days FDP on "AI Based Edge and Fog Computing : A Future Direction " , Sri Krishna College of engineering
- 5 - days FDP on "**Data Analytics using Python** " , conducted by ICT Academy on 19 Aug 2024 to 23 Aug 2024 at Alpha College of Engineering, Chennai

- 5 - days FDP on Professional development programme on " Cyber Security" , conducted by NITTTR on 08.07.2024 to 12.07.2024.

- "Two-Day National Level Online Workshop on Designing Effective Surveys," Organised by CEDAAR, Chennai, India on 8th & 9th November, 2024.

- Ten day workshop series on " From scartch to development : Hands on model Building with keras and TensorFlow", organized by the department of CSE , Sri Venkateswara College of Engineering from october 14 , 2024 to october 25, 2024.

- AICTE - Training And Learning (ATAL) Academy Faculty Development Program on Convergence of Quantum Computing and Generative AI for Frontier- Scale Revolution at M S Ramaiah University of Applied Sciences from 18/08/2025 to 23/08/2025.

- AICTE Recognized Faculty Development Programme on Machine Learning using Python Conducted byComputer Science and Engineering Department from 17/02/2025 to 21/02/2025 (One Week) at Easwari Engineering College, Ramapuram, Chennai.

- one month course on "Quantum Computing" organized by Centre for Development of Advanced Computing, Hyderabad & Indian Institute of Technology, Roorkee with the support of Ministry of Electronics and Information Technology, from 3-05-25 to 25 – 05-25. Certificate No: CDACH/QML/4228.

- One day IBM Quantum Event and Official Qiskit Fall Fest 2025 Event (online) on 25.11.2025.

- NPTEL Course successfully Completing and completed the FDP "Quantum Algorithms and Cryptography". Duration of the course is 12 weeks Jan – Apr 2025.
- Quantum Edge: AI & Machine Learning offered by the Qucom.1 Week FDP Program.
- National Level six day FDP program on " Frontiers of AI and Data Science for Engineering Education" organized by the department of AIDS, Vel tech rengarajan engineering college Chennai , held from 20 july to 25 july 2026.
- Two - weeks Online Joint Faculty Development Programme on **"Next Gen Cyber** Security : Trends and Technologies" jointly organised by Electronics and ICT Academies held from 02 to 13 February, 2026 under the "Scheme of financial assistance for setting up of Electronics and ICT Academies (Phase II)" of the Ministry of Electronics and Information Technology (MeitY),Government of India.

PROFESSIONAL MEMBERSHIPS:

- Member in IACSIT