Faculty Profile



Ms. S. S. Kiruthika , M.E.,
Assistant Professor(OG)

HIGHLIGHTS:

- Number of Journal Publications : 05
- H-Index : 1
- Project Funding Received : -
- Patents Published : 07
- Patents Granted : -

PROFESSIONAL LINKS:

- Scopus ID : 60614993400
- Scopus Link : https://www.scopus.com/authid/detail.uri?authorId=60614993400
- Google Scholar ID:
  https://scholar.google.com/citations?user=_UGpPgUAAAAJ&hl=en
- Anna University Faculty ID : **2663741991**
- AICTE Faculty ID : **1-3209654313**
- Anna University Supervisor ID: -
- LinkedIn : Kiruthika Subramaniam

PROFESSIONAL BACKGROUND:

- Teaching Experience till date : 12 Years 4 Months
- Industrial Experience : -

AREA OF SPECIALIZATION:

- Data Structures
- C,C++, Java, Python
- Machine Learning

PATENTS PUBLISHED/GRANTED:

- Published patent titled "AI-Driven Predictive Maintenance System for Industrial Machinery" on 26.06.2026.
- Published Design patent titled "Wireless Charging Pad" on 26.02.2026.
- Published patent titled "Machine Learing-Enhanced Fraud Detection System powered by Blockchain Ledger" on 14.02.2025.
- Published patent titled "Real-Time Network Anamoly Detection using Deep Learning" on 14.02.2025.
- Published patent titled "AI based device for predicting maintenance of Industrial machine" on 25.10.2024
- Published design patent titled "Blockchain-Based Medical Data Storage Device for Secure and Tamper-Proof Health Information Management" on 14.10.2024.
- Published patent titled " Blockchain IOTHybrid System for Transparent and Efficient Supply Chain Management" on 19.07.2024.

JOURNAL PUBLICATIONS

- Early Symptom Plant Leaf Pathology Recognition via Hybrid Spatiotemporal Deep Intelligence Framework has been published in IEEE Xplore in September 2026.
- From Algorithms to Heartbeats: A Survey of AI and IoT Approaches in Heart Disease Prediction has been published in IEEE Xplore in July 2026.
- Cost-Efficient and Secure Migration for Hybrid Cloud Architectures in Multi-Cloud Ecosystems has been published in IEEE Xplore in April 2026.

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Participated in the National Workshop on "AI Tools for Educators" organized by CCPS-RC on 06.05.2026 at Vellore Institute of Technology,Chennai.
- Attended 6 days FDP on "Generative & Agentic AI - Tools and Demo's" organized by the department of CSE, Sardar Vallabhbhai National Institute of Technology(SVNIT) Technically Co-sponsored by IEEE Gujarat Section & partnered with Pantech Solutions (India) Pvt., Ltd. from 16.02.2026 to 21.02.2026.
- Attended 5 days FDP on "Artificial Intelligence with Machine Learning" jointly organized by the departments of CSE, AI&DS and AI&ML, PSN College of Engineering and Technology from 09.02.2026 to 13.02.2026.
- Attended an offline faculty development program on "Machine Learning using Python", from 17th Feb 2025 to 21st Feb 2025 conducted by AICTE - NITTR.

- 6 days AICTE Training And Learning (ATAL) Academy Faculty Development Program on Cutting-Edge Approaches to Natural Language Processing and Large Language Models at DR. J.J. MAGDUM COLLEGE OF ENGINEERING. from 16/12/2024 to 21/12/2024.
- Online FDP on " AI and Gen AI with Industry Application" from 16th July to 22nd July 2024, organized by ExcelR Edtech Pvt. Ltd.
- 5 days FDP on Microsoft Azure AI Engineer Associate organized by ICT Academy from 21.08.2023 to 25.08.2023.
- 5 days Online FDP on Introduction to Angular JS organized by ICT Academy from 24.05.2021 to 28.05.2021.
- 5 days Online FDP on Inculcating Universal Human Values in Technical Education organized by ICT Academy from 17.05.2021 to 21.05.2021.
- AICTE - ISTE Sponsored Six days Induction/Refresher Programme on Online Teaching and Learning Pedagogy organized by ISTE, Knowledge Institute of Technology from 03.05.2021 to 08.05.2021.
- 5 days Online ATAL FDP on Internet of Things organized by Department of Electronics and Communication Engineering, Knowledge Institute of Technology, Salem from 01.02.2021 to 05.02.2021.
- 5 days Online Course on AI for UI/UX Design organized by HAL-IISc Skill Development Centre from 30.12.2020 to 03.01.2021.
- 5 days Online ATAL FDP on Artificial Intelligence organized by Srinivasa Ramanujan Centre, SASTRA Deemed to be University from 14.09.2020 to 18.09.2020.
- 2 days Online National Workshop on Online Teaching – Learning using LMS- MOODLE organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi from 17.07.2020 to 18.07.2020.
- One week Online FDP on Advance Research Methodology and Innovative Teaching Pedagogy organized by Tulsiramji Gaikwad- Patil College of Engineering and Technology, Nagpur from 08.06.2020 to 13.06.2020.
- 5 days Online FDP on Cryptography and Network Security organized by the Department of Computer Science and Engineering, Panimalar Institute of Technology from 11.05.2020 to 15.05.2020.

- "Performance Analysis of Faculty and Students using Neo4j" in International Conference on Information and Computational Science (ICICS'2018) held at K.S.R. College of Engineering, Tiruchengode on 27th & 28th March 2018.

- Seven days Faculty Development Programme on Theory of Computation organised by the Department of Computer Science and Engineering at Anna University Regional Campus, Coimbatore from 15.05.2017 to 21.05.2017.
- Seven days Faculty Development Programme on Theory of Computation organised by the Department of Computer Science and Engineering at Anna University Regional Campus, Coimbatore from 15.05.2017 to 21.05.2017.
- 5 days Faculty Development Programme on Oracle-Java Fundamentals and Java Programming organised by the Department of Computer Science and Engineering at Paavai Engineering College in association with ICTACT from 18.07.2016 to 22.07.2016.
- Deadline based Cloud Scheduling Using GAPSO", National Conference on Innovative Research Trends in Computer Science and Technology, Kongu Engineering College, Perundurai – 05 March 2016.
- Seven days Faculty Development Programme on Software Architecture organised by Department of Information Technology at K. S. R College of Engineering, Tiruchengode during 02.12.2015 – 08.12.2015.