Faculty Profile



Mr.J.Krishnamoorthy M.E., (P.hD)
Assistant Professor / Information Technology

HIGHLIGHTS:

- Number of Journal Publications:5
- H-Index:2
- Project Funding Received:0
- Patents Published:5
- Patents Granted:0

PROFESSIONAL LINKS:

- Scopus ID: 58366010900
- Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=58366010900
- Google Scholar ID: **https://scholar.google.com/citations?user=CaAMeaAAAAAJ&hl=en**
- Anna University Faculty ID: 2688031987
- AICTE Faculty ID: 1-478925320
- Anna University Supervisor ID: NIL
- LinkedIn: https://www.linkedin.com/in/krishnamoorthy-j-71691a25a/

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 15 years 5 months
- Industrial Experience: NIL

INTERNATIONAL EXPOSURE:

NIL

AREA OF SPECIALIZATION:

- Data Science

- Deep learning

Ph.Ds AWARDED WITH DETAILS:

NIL

Ph.Ds GUIDING:

- **Full Time Scholars: NIL**
- **Part Time Scholars : NIL**

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

NIL

PATENTS PUBLISHED/GRANTED:

- P. Sankar, Rajakrishnammal A, Arokia Nerling Rasoni G, T. Sunitha, Berlin Magthalin. R, S. Sandhiyaa, Nici Marx V S, Krishnamoorthy J, "EDGE COMPUTING FRAMEWORK FOR REAL-TIME AI INFERENCE AND DECISION MAKING IN AUTONOMOUS VEHICLES", Indian Patent, August 2024.
- Shruthi S Nair, Dr. Ramachandran. A, Dr. E. Poovannan, Krishnamoorthy J, Dr. M. Navaneetha Velammal, K.Nagendran, Pradeep R, P. Sankar "EXPLAINABLE AI SYSTEM WITH INTERACTIVE VISUALIZATION OF DECISION-MAKING PROCESSES", Indian Patent, September 2024.
- Dr. M. Dayanidhy, Mr. K. Nagendran, Dr. J. Paramesh, Mr. Pradeep R, Mr. Krishnamoorthy J, Mr. P. Sankar "BLOCKCHAIN-BASED FRAMEWORK FOR AUTONOMOUS DECISION-MAKING IN AI SYSTEM" Indian Patent, February 2025.
- Mr. Krishnamoorthy J, Dr. Kumaran U, Mrs. K Saranya, Mrs. Pavai D, Dr. M. Dayanidhy, Mr. P. Sankar "AI-DRIVEN BLOCKCHAIN SYSTEM FOR REAL-TIME SMART CONTRACT OPTIMIZATION" Indian Patent, March 2025.
- Mr. Pradeep R, Dr. Kumaran U, Dr. M. Dayanidhy, Dr,M.Prabha, Mrs.S.Nandhini, Mr. Krishnamoorthy J "ADAPTIVE MULTI-AGENT SYSTEM FOR SMART GRID OPTIMIZATION USING AI, ML, IOT, AND REINFORCEMENT LEARNING TECHNIQUES" Indian Patent, July 2025.

COURSES CERTIFIED:

- NIL

ACHIEVEMENTS AND AWARDS:

NIL

SPECIAL SESSIONS DELIVERED:

NIL

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

Book Publications

1. Problem Solving and Python Programming (2021 Regulation) ISBN.NO.978-81-8472-244-4 Anuradha Publications Dr.S.Chitra, C.Santhosh Kumar ,**J.Krishnamoorthy** 2022

Journal Publications

1. **J. Krishnamoorthy**, Priyanka.D "*Approach Of Mining Social Media Networks To Share Images Using Classification Technique* " in Stocastic Modelling and Approach , ISSN:0972-3641, Vol. 26,No.3,January-June Issue 2022,Part 8, pp. 582-589 . (**UGC Care Approved Journal**).
2. **J.krishnamoorthy**, K.Egneswari, "*Mobility and Dependence-aware QoS Monitoring in Mobile Edge Computing*" in Journal of Advanced Zoology, ISSN: 0253-7214 Volume 44 Issue I-3 Year 2023 Page 19:24.
3. **Krishnamoorthy J**, Jerin Jose J, Sajitha Banu S, "Smart Enquiry Chatbot Using Ann And Nlp For Locomotives" in International Journal of Environmental Sciences, ISSN: 2229-7359, Vol. 11 No. 14s,2025. (**SCOPUS INDEXED journal**)
4. **J.krishnamoorthy, Dr.C.Rajan** "Integrating Soil Erosion Modelling, Remote Sensing, and Socioeconomic Analysis: A Multidisciplinary Approach to Sustainable Land Management" in Journal of Multidisciplinary Explorations, 2026/7/6. Volume 2, Issue 2, Pages 17-25.

5.J Krishnamoorthy , J Jerin Jose, S Sajitha Banu, P Sumathi "Smart Enquiry Chatbot Using Ann And Nlp For Locomotives" in International Journal of Environmental Sciences, Pages 2014-2022.

Conference

1. Paper presented "*Design and Implementation of Solar Powered Smart Irrigation Using IoT"* on 2023 Eighth International Conference on Science Technology Engineering and Mathematics (ICONSTEM) | 979-8-3503-4779-1/23/$31.00 ©2023 **IEEE** | DOI: 10.1109/ICONSTEM56934.2023.10142346. (**SCOPUS INDEXED**).
2. Paper presented "Machine Learning Prognostics For Genetic Disorder Prediction." in 7th IEEE International Conference on Emerging Smart Computing and Informatics (IEEE ESCI-2025) during 5th – 7th March 2025. (**SCOPUS INDEXED**)

FDP

- Workshop on **"Generative artificial intelligence in Cyber security"** on the theme "Empowering tomorrow's Innovators" held on October 26, 2023 in Presidency Uiversity, Bengaluru.
- **Impact of artificial intelligence in the field of engineering**, Vels institute of science and technology and advanced studies, pallavaram, chennai,Fdp on 26-09-2022 to 30-09-2022.
- Advanced Faculty Development Program **(Hands On Training) on Electronics System Design**, Visvesvaraya Technological University Centre For Post Graduate Studies Muddenahalli, Offline FDP on 17/01/2023 to 23/01/2023, all india council for technical education nelson mandela marg, vasant kunj, new delhi – 110 070 aicte training and learning (atal) academy.
- **Code hustlers 2.0**, Satyabama institute of science and technology, deemed university, chennai, fdp on 27-10-22 to 02-12-2022.
- National Cyber Safety and Security Standards Summit 22 (XVI Edition), Kongunadu Arts and Science College (Autonomous) Coimbatore, fdp on 26th 27th Aug, 2022.
- Pedagogical Strategies for 21st Century Learners, Er Perumal Manimegalai College of Engineering, Hosur, fdp on 05.12.2022 to 09.12.2022, NITTTR, CHENNAI.
- ESOIR Business Solution LLP sponsored FDP on **"Internet of Things and its Applications"** from 22.11.2021-27.11.2021.

Patents

- P. Sankar, Rajakrishnammal A, Arokia Nerling Rasoni G, T. Sunitha, Berlin Magthalin. R, S. Sandhiyaa, Nici Marx V S, Krishnamoorthy J, "EDGE COMPUTING FRAMEWORK FOR REAL-TIME AI INFERENCE AND DECISION MAKING IN AUTONOMOUS VEHICLES", Indian Patent, August 2024.
- Shruthi S Nair, Dr. Ramachandran. A, Dr. E. Poovannan, Krishnamoorthy J, Dr. M. Navaneetha Velammal, K.Nagendran, Pradeep R, P. Sankar "EXPLAINABLE AI SYSTEM WITH INTERACTIVE VISUALIZATION OF DECISION-MAKING PROCESSES", Indian Patent, September 2024.
- Dr. M. Dayanidhy, Mr. K. Nagendran, Dr. J. Paramesh, Mr. Pradeep R, Mr. Krishnamoorthy J, Mr. P. Sankar "BLOCKCHAIN-BASED FRAMEWORK FOR AUTONOMOUS DECISION-MAKING IN AI SYSTEM" Indian Patent, February 2025.
- Mr. Krishnamoorthy J, Dr. Kumaran U, Mrs. K Saranya, Mrs. Pavai D, Dr. M. Dayanidhy, Mr. P. Sankar "AI-DRIVEN BLOCKCHAIN SYSTEM FOR REAL-TIME SMART CONTRACT OPTIMIZATION" Indian Patent, March 2025.
- Mr. Pradeep R, Dr. Kumaran U, Dr. M. Dayanidhy, Dr,M.Prabha, Mrs.S.Nandhini,

Mr. Krishnamoorthy J “ADAPTIVE MULTI-AGENT SYSTEM FOR SMART GRID OPTIMIZATION USING AI, ML, IOT, AND REINFORCEMENT LEARNING TECHNIQUES” Indian Patent, July 2025.

Book chapters

- A book chapter is in edited volume titled “Gen-AI Driven Transformation: Business and Management Context” (ISBN: 978-93-342-3248-6) in the topic “ Future of Human Resources in the Era of Artificial Intelligence: Navigation of Emerging Trends in HR” published by C. Abdul Hakeem College of Engineering & Technology on Nov 1, 2025.
- A book chapter is in edited volume titled “Deep Mining in the Cloud Era: Patterns, Predictions and Platforms” (ISBN: 978-93-47475-77-1) in the topic “Platforms for Deep Mining: Tools and Frameworks” published by TeQPublications,India, First Edition: January 2026.

PROFESSIONAL MEMBERSHIPS:

- IAENG Membership

OTHER DETAILS (If any):