

Faculty Profile



Dr.K.RAMESH.,B.E.,M.E.,Ph.D
Assistant Professor (SG) / CSE

HIGHLIGHTS:

- Number of Journal Publications: 04
- H-Index: 01
- Project Funding Received: Nil
- Patents Published: 01
- Patents Granted: Nil

PROFESSIONAL LINKS:

- Scopus ID: 60354339300
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=60354339300>
- Google Scholar ID: ZidPdBYAAAAJ
- Anna University Faculty ID: 2672661987
- AICTE Faculty ID: 1- 464073309
- Anna University Supervisor ID:
- LinkedIn: <https://www.linkedin.com/in/dr-k-ramesh-7209b6284/>

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 16 Years
- Industrial Experience: Nil

INTERNATIONAL EXPOSURE: NIL

AREA OF SPECIALIZATION:

- Block Chain Technology
- Internet of Things
- Data science
- Machine Learning
- Healthcare

Ph.Ds AWARDED WITH DETAILS:

S:No	Name of Scholar	Title of Thesis	Year of Completion	Full Time/Part Time

Ph.Ds GUIDING:

- Full Time Scholars:
- Part Time Scholars :

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY: NIL

PATENTS PUBLISHED/GRANTED:

- Title of the invention: “Integrated Plant Disease Detection and Alert System Using Edge Computing and Smart Sensors”, Application No.202541074743 A, The Patent Office Journal No. 34/2025 Dated 22/08/2025.

JOURNAL

PUBLICATIONS

- Mohan Reddy Sareddy, **K. Ramesh**, Punitha Palanisamy, V. K. Dinesh Kumar, and Veeramanikandan Kamaraj, “Exploring the Role of Job Satisfaction in the Link between Organizational Outcomes and Human Resource Management Practices”, International Journal of Innovation and Technology Management, Volume 23, Issue 02, 1264003, March 2026. **[Scopus]**
- Siva Subramanian, M Elumalai, B.Saratha, **K.Ramesh**, K.Sudha, J.Gnana Jeslin “Ensemble-Driven Machine Learning Regression Models for Climate-Sensitive Crop Yield Prediction: A Comparative Performance Analysis”, SSRG International Journal of Electronics and Communication Engineering, Volume 13, Issue 1, 157-173, January 2026. **[Scopus]**
- **Ramesh Kuppusamy** & Anbarasan Murugesan 2024, ‘IoT - based external attacks aware secure healthcare framework using blockchain and SB-RNN-NVS-FU techniques’, Journal of Technology and Health Care, vol. 32, no. 4, pp. 2711-2731. **[SCI, 1.4 IF]**
- Anbarasan M & **Ramesh K** 2025, ‘A pharma chain IoT with internal attack classification framework using PBFT-MI-RIB-RBF technique in healthcare’, Journal of Intelligent and Data Analysis, Vol.29, no.2, pp. 539-559. **[SCI, 0.9 IF]**

COURSES CERTIFIED:

✓ NPTEL Certifications

1. UI Fundamentals, 2025
2. Block Chain and its Applications, 2023
3. Big Data Computing, 2022

✓ ICTACT Certification

- α ICT Academy Certified Trainer in 'J2EE Programming

✓ MISSION 10X Certification

- α Mission 10X Aarambh

ACHIEVEMENTS AND AWARDS:

- ₹ Faculty Mentor in Intel® Unnati Industrial Training – 2024 held from May 2024 to July 2024.

SPECIAL SESSIONS DELIVERED: NIL

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

CONFERENCES

- Successfully Presented the paper in 6th International Conference on Smart Electronics and Communication (ICOSEC-2025), “Evolution and Future of Decision Support Systems: Frameworks, Applications, and Emerging Trends” organized by Kongunadu college of Engineering and Technology, Trichy on 25th September 2025 [\[IEEE Indexed\]](#)
- Successfully Presented the paper in International conference on Veracity Research in Scientific Computation and Engineering Trends [ICVRSCET], “An Efficient Framework for authentication and blockchain authorization of secured healthcare information “, held at VRSCET on 26th April 2024.
- Successfully Presented the paper in International conference on Veracity Research in Scientific Computation and Engineering Trends [ICVRSCET], “Secure and Privacy Enhancing Cloud Brain for Human Memory Data Uploading and Dispersion System” held at VRSCET on 03rd May 2023
- Successfully presented the paper in International conference on Veracity Research in Scientific Computation and Engineering Trends [ICVRSCET], “Agriculture Food Supply Chain Management using Blockchain Technology”, held at VRSCET on 10th June 2022.

- Successfully Presented the paper in International conference on Veracity Research in Scientific Computation and Engineering Trends [ICVRSCET], “TPS template with artificial intelligence using behavior tree and blueprint”, held at VRSCET on 23rd march 2019.
- Successfully presented the paper in National Conference on Electrical and Instrumentation Systems, “Peak transform for efficient image representation”, Conducted by Department of Electrical Engineering, held at Government College of technology, Coimbatore on 19th March 2010.
- Successfully presented the paper in National Conference on Innovations in Communications and Computing, “Lossless Image Compression techniques”, Organized by Department of Electronics and Communication Engineering, held at SNS College of College of Engineering and technology, Coimbatore on 05th March 2010.

SEMINARS/WORKSHOPS

- α Successfully completed 3 days Faculty upskilling Programme on “NextGen Embedded IoT” through hybrid mode held on 27.06.2025, 28.06.2025 and 1.07.2025 in association with TANSAM, Chennai.
- α Successfully participated & completed Workshop under AICTE - Vibrant Advocacy for Advancement and Nurturing of Indian Languages (VAANI) on “Empowering Young Minds through Smart Farming, Safe Food Practices, and Sustainable Agri-Tech for a Healthier Tomorrow in Tamil language” at KPR Institute of Engineering and Technology from 18/09/2025 to 20/09/2025.
- α Six Days International Faculty Development Program on “Empowering in AI for education, Healthcare and Finance”, Organized by Department of Computer Applications, Hindusthan College of engineering and technology, Coimbatore, from 10th march to 15th march 2025.
- α One Week National Level Faculty Development Program on “AI Tools”, Organized by Sri Sairam Engineering College, Chennai from 17th February to 21st February 2025.
- α Six Days Faculty Development Program on “Cyber Security”, Organized by Department of MBA & Research Centre, Sapthagiri NPS University, Bangalore from 14th February to 20th February 2025.
- α Five Days Faculty Development Program on “Gen AI and Chat GPT Application in the Industry”, Organized by Department of MBA & Research Centre, SJC Institute of technology, Chikkaballapur, Bangalore from 27th January to 31st January 2025.
- α International Seminar on “Data Science and Management of Data” ,Organized by Department of Information Technology, Dr.M.G.R Educational and Research Institute, Chennai on 12.06.2024.
- α 2 Days National Level Faculty Development Program on “To Write research for Scopus journal using the emerging area of academics and research in the current situation and technologies”,

Organized by Department of Information Technology, S.K.P Engineering college, Tiruvannamalai from 13th March to 14th March 2024

- α One Week National level faculty development program on “Cloud Infrastructure (AWS)”, Organized by Vellore Institute of Technology, Chennai during the period 21st August to 25th August 2023.
- α 40 hours online capacity building programme on “Blockchain Technology and applications”, Organized by PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur, India during the period 15th June to 24th June 2023
- α Two days Training Program on “Mentors of Standards Clubs” organized by Bureau of Indian Standards, Chennai on 17th and 18th of August 2023.
- α 8 weeks online NPTEL course on “Big Data Computing” from August 2022 to October 2022.
- α Webinar on “Online Tools for Interactive Teaching and Learning” organized by Sakthi Polytechnic College on 26th June 2021.
- α Webinar on “Python” organized by FIIT formation Pvt Ltd., Chennai on 18th May 2021.
- α Webinar on “MATLAB for Beginners – Modelling and Simulation”, Organized by Christ College of Engineering and Technology, Puducherry on 21.12.2020.
- α Webinar on “Machine Learning with cloud Deployment”, Organized by Department of CSE, Vidyavardhaka College of Engineering on 11.12.2020
- α Webinar on “Full Stack Development and Future Jobs” organized by Department of Computer Science and Engineering, V.R.S College of Engineering and Technology, Arasur on 19th June 2020.
- α Webinar on “Employability skills for the future Industry 4.0” organized by V.R.S College of Engineering and Technology, Arasur on 30th May 2020.
- α National seminar on “E-Learning and MOOC’s in Higher education” organized by Anna university, Chennai on 14th September 2019.
- α Two days hands-on workshop on “Python Programming” sponsored by Centre for Faculty Development organized by Centre for Academic Courses at College of Engineering, Guindy during 17th and 18th August 2017 and certified as Experts by GUVI on 18th August 2017.
- α Two Days ICMR sponsored National Level Seminar on “Recent Developments in Machine Learning Process for Screening and Diagnosis of Autism using Rapid Miner” at VRSCET, Arasur on 5th and 6th May 2016.
- α Two days ICMR sponsored National Level Seminar on “Recent Advances in Orthopedic using Nanotechnology” at VRSCET, Arasur on 9th and 10th May 2016.
- α Workshop on “Mobile Application Development” at Annamalai University, on 30th January 2016.
- α Two Days ICTACT sponsored workshop on “Mobile Application Development” at Sri Manakula Vinayagar Institute of Technology, Puducherry on 29th and 30th June 2016.
- α National level workshop on “Writing Scientific Research Paper” at SSN College of Engineering, Chennai on 27th November 2015.

- α One day National Level Workshop on “Networking and Troubleshooting” at University College of Engineering, Ariyalur on 30th September 2014.
- α ISTE Sponsored National Workshop on “Curriculum Development and Evaluation” held at Hotel the Sunway GRT Grand, Puducherry, on 5th to 7th March 2014 conducted by ISTE WPLP Bangalore.
- α Certification programme on “Mission 10X Aarambh” at V.R.S. College of Engineering & Technology, Arasur on 07th May 2012.
- α Participated one day national level workshop on “Code Security” at V.R.S. College of Engineering & Technology, Arasur at 16th May 2012.
- α Organized one day National Level Workshop on “Information Security” at V.R.S. College of Engineering & Technology, Arasur on 22nd May 2012.
- α Participated 2 days’ Workshop as Co-Ordinator on “Advances in JAVA Techniques” at V.R.S. College of Engineering & Technology, Arasur on 19th & 20th April 2012.

PROFESSIONAL MEMBERSHIPS:

- ¥ Indian Society for Technical Education [ISTE LM - 81342]
- ¥ International Association of Engineers [IAENG - 141892]
- ¥ International Association of Computer Science & Information Technology [IACSIT - 80348805]
- ¥ Computer Science Teacher Association [CSTA]

OTHER DETAILS (If any):