



1. NAME AND ACADEMIC RANK: Dr. T. Kirubadevi, Ph.D.,

Associate Professor

2. EDUCATION:

PhD Computer Science and Engineering, Dr. M.G.R. Educational and Research Institute, Chennai, 2022

ME Computer System Networks, Dr. M.G.R. Educational and Research Institute, Chennai, 2006

BE Information Technology, Madras University, India, 2004

3. ACADEMIC EXPERIENCE:

2006- Present Associate Professor, Computer Science and Engineering, Dr. M.G.R. Educational and Research Institute, India.

4. NON-ACADEMIC EXPERIENCE:

NIL

5. CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS:

- Machine Learning, Data Science and Deep Learning using Python - certification by Udemy – 10-4-2020
- SQL FUNDAMENTALS, Python 3, Introduction to Bots – Certification by Solo learn 2020
- R Training, Bio Python, Arduino Training, Moodle for Teachers -Spoken Tutorial Project, IIT Bombay,2020
- Introduction to Cyber Security, Cisco Networking Academy-22-04-2020
- Java Fundamentals and Java Programming Certified trainer from Oracle Academy, 2018, Mentor and certified around 40 members as a Java Fundamentals and Java Programming Certified trainer.

6. CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

- IAENG – 179848.

- Member of IET – CSC [1100264098]
- Institute of engineers –IEI India Life time membership:M-1598265.
- SDIWC- 27676

Google Scholar id: <https://scholar.google.com/citations?user=Xw-Ka0wAAAAAJ&hl=en>

Scopus ID: 57219981209

ORCID ID: 0000-0002-4058-7606

ResearchGate id : <https://www.researchgate.net/profile/Kirubadevi-Thiyagarajan>

7. HONORS AND AWARDS:

- Received special prize for group Activity in Rain '19 and Rain '23.
- Received Campus Ambassador Award for main campus (Phase-1) in 2019.
- Received Appreciation certificate from Igen 2021 for actively participated in IGEN Green Day 2021 on 22.10.21

8. SERVICE ACTIVITIES:

- Dept ISO Coordinator ,2017 to Feb 2024
- IQAC Coordinator, Feb 2024 to till date
- Coordinator for the Second Criteria of NBA Accreditation in February 2020.
- ABET Criteria 3 Coordinator, Feb 2024
- Member of University Theory Exams Conduction team, Oct-Nov 2014, May-Jun 2013,Oct-Nov 2012,Oct-Nov 2010,June –Dec 2022 & Jan- May 2023, Oct 2023
- Additional Chief for University Theory Exams Jan 2024 & Feb 2024 Session Chair at the National Conference on Innovative Computing Techniques 2023 & Session In-charge for NCICT 2024 held at Dr. M.G.R. Educational and Research Institute University.
- Convener of World Book of Record Conclave Event”, Dr.MGR Alumni Conclave 2021, -25 days-25 departments- 25 Conclaves.
- On January 11, 2023, I had the privilege of serving as a judge at the Tech Srujanotsav, an interschool project expo hosted by Chinmaya School in Virugambakkam.
- On August 26, 2023, delivered a talk on the subject of 'Restricting Mobile Device Usage among School Children' to students from Chinmaya Standard 9 and 11.

9. PUBLICATIONS AND PRESENTATIONS, FROM PAST 5 YEARS:

- Presented a paper titled “Device Authentication and Secure Routing in MANET for Internet of things” during IEEE sponsored 3rd International Conference on Emerging Current trends in Computing and expert Technology (COMET) on March 6th and 7th March 2020.
- Published an article in Scopus Indexed Journal “Device Authentication and Secure Routing in MANET for Internet of Things”, Journal of Advances in Parallel Computing”, on November 2020.
- Published a paper on “Block Chain technologies- an overview” to ICCT’20 National Conference on Innovations in Computing and Communication Technologies to be held on 20th and 21st of March 2020
- Published an article on "Use of predictive analytical algorithm by crime investigation team: An analysis." International Journal of Advances Science and Technology 29 (2020): 2986-2992.
- Published an article on " Ownership Authentication in Iot Network Using Edge Computing Gateway" in International Journal of Research and Analytical Reviews (IJRAR) on 25th Jan 2021(UGC indexed)
- Published an article on " Enabling authorized encrypted search for multiauthority database" in International Journal of Advance Research, Ideas and Innovations in Technology on 2022(UGC indexed)
- Presented & published an article on "A novel hybrid approach for phishing website detection using artificial intelligence." AIP Conference Proceedings. Vol. 2426. No. 1. AIP Publishing LLC, 2022
- Presented & published an article on “An Advanced Analyzation of Ultrasonic Sound Detection and Ranging Method using Arduino”, IEEE Conference Proceedings, 2023, doi: [10.1109/ICSSIT55814.2023.10060882](https://doi.org/10.1109/ICSSIT55814.2023.10060882)
- Published an article Scopus Indexed Journal on “Stock Price Prediction Using LSTM”, Journal of Survey in Fisheries Sciences”,2023, Doi: 10.17762/sfs.v10i3S.1472
- Published an article Scopus Indexed Journal on “Indian Currency Detection Using Image Recognition And Machine Learning Technique”, The Seybold Report,2023, Doi 10.17605/Osf. Io/V3ykn

- Published an article Scopus Indexed Journal on “Artificial Intelligence-Face Mask Detection And Data Analytics Using Related Health Care Data”, Journal Of Data Acquisition And Processing, 2023, 38 (1): 5019-5027
- Published book chapter on “Gender Disparity in Education Sector” for the book entitled “Gender Equality” on 8th March 2023.
- Presented a paper on " Remote Monitoring of Fertilizer Application using UAV Flight for Precision Agriculture” in the Conference ICAMAI - 2023 held on 30.03.2023
- Presented a paper on “Developing efficient methods for tracking the location, status, and maintenance need of oxygen cylinders equipped with IoT devices" at IEQIP-2023, KL University held on 24th to 25th November 2023
- Presented a paper on "Safety Mobile Application for Women Using Artificial Intelligence-SHE24x7”at (IC2ACM-23), RMK College of Engineering and Technology held on 21 - 23 December 2023 to be published in Springer conference
- Presented a paper on " Real Time Human Emotion Recognition Based on Facial Expression” at 7th International conference on Intelligent Computing (IConIC) held on 22nd and 23rd March 2024 to be published in AIP Scopus Indexed conference Proceedings.
- Presented a paper on " Eco Mow: Harnessing Solar Power for Sustainable Grass Cutting and Pesticide Sprinkling System “at 7th International conference on Intelligent Computing (IConIC) held on 22nd and 23rd March 2024 to be published in AIP Scopus Indexed conference Proceedings.
- Presented a paper on "NUTRISMART! AI-Powered Nutritious Diet Plan generator “at 7th International conference on Intelligent Computing (IConIC) held on 22nd and 23rd March 2024 to be published in AIP Scopus Indexed conference Proceedings.
- Presented a paper on " Integration And Mining For Medical records Using AWS” at 7th International conference on Intelligent Computing (IConIC) held on 22nd and 23rd March 2024 to be published in AIP Scopus Indexed conference Proceedings
- Presented a paper on " Traffic Signal Control System And Vehicle Crossing Boundary Detection Using RISC Mechanism “at 7th International conference on

Intelligent Computing(IConIC) held on 22 nd and 23 rd March 2024 to be published in AIP Scopus Indexed conference Proceedings.

- Presented a paper on " Farm Animals Location And Health Tracking System Using Arduino And GPS Module" at 7th International conference on Intelligent Computing (IConIC) held on 22nd and 23rd March 2024 to be published in AIP Scopus Indexed conference Proceedings.

10. PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS:

- Reviewer for Advances in Science, Technology and Engineering Systems Journal
- 2. Reviewed manuscript for IEEE Internet of Things Journal.
- Reviewed manuscript for conference SASIITE2024
- Reviewed manuscript for conference icETITE2024

Center for Teaching Excellence sessions on pedagogy

FDP on NEP Orientation and Sensitization 18th to 26th March 2024, UGC-Malaviya Mission Teacher Training Centre, University of Hyderabad