



Faculty Name	Dr. Enoch Arulprakash	
Academic Designation	Assistant Professor	
Educational Qualification	BCA, MCA, Ph.D.	
Experience in Years	13 years (Corporate +Research +Teaching)	
Area of Interest	Machine Learning, Deep Learning, Neural Network, Explainable AI	
Date of Birth	03/12/1988	
Email ID	enocharulprakash03@gmail.com	

Educational Details

- **Ph.D Computer Science** – Central University of Tamil Nadu (2024)
- **Master of Computer Applications** – Sikkim Manipal University (2013)
- **Batchelor of Computer Applications** – SJRC College (Bangalore University) (2009)

Professional Experience

- **Working as Assistant Professor, Department of MCA, Dayananda Sagar Academy of Technology & Management, from 19th August 2024 to present.**
- **SRF and J**
- **RF Ph.D Research Scholar in Central University of Tamil Nadu from 9th August 2018 to 28th June 2024.**
- **Worked as Project Lead in Tech Mahindra from 30th March 2016 to 14th November 2016**
- **Worked as a Senior System analyst in Sonata Software from 01st July 2015 to 29th march 2016**
- **Worked as a Software Engineer in Wipro Technologies from 9th March 2011 to 23rd July 2014**
- **Worked as Process Executive in Infosys from 19th January 2010 to 3rd March 2011**

Subjects Taught

- Data Structures and Algorithms
- Data Analytics and Machine Learning using Python
- Ethical Hacking
- Advanced Java Programming

- NoSQL

Publications

- Enoch Arulprakash (2026). “Machine Learning–Assisted Automated VLSI Design for Bioinformatics Hardware Accelerators with Embedded Cryptographic Security”, Journal of VLSI Circuits and Systems, DOI:10.31838/JCVS/07.02.04, **Indexed in Scopus (Q3)**, January 2026
- Enoch Arulprakash (2026). “An Intelligent Framework Using Neural Networks and Genetic Algorithms for Student Performance Prediction in Educational System”, 2025 IEEE 6th Global Conference for Advancement in Technology (GCAT), DOI:10.1109/GCAT66372.2025.11368371, **Indexed in Scopus (Q4)**, February 2026
- Enoch Arulprakash (2026). “Automated Diagnosis of Pneumonia and COVID-19 from Chest X-Rays Using Deep Learning”, Proceedings of the 2025 International Conference on Computational Innovations and Sustainable Technologies (ICCIST 2025), DOI:10.1109/ICCIST67338.2025.11438323, **Indexed in Scopus (Q4)**, March 2026 — **Best Paper Award**
- Enoch Arulprakash (2026). “Artificial Intelligence In Robotics: Enhancing Human–Robot Interaction Through Emotion-Aware And Multilingual NLP”, Proceedings of the 2025 International Conference on Computational Innovations and Sustainable Technologies (ICCIST 2025), DOI:10.1109/ICCIST67338.2025.11438526, **Indexed in Scopus (Q4)**, March 2026
- Enoch Arulprakash (2025). “Energy-Aware Physical Synthesis of Deep Neural Networks for Edge-AI Applications in Robotics and VLSI Systems”, Journal of VLSI Circuits and Systems, ISSN: 2582-1458, <https://doi.org/10.31838/JVCS/07.01.20>, **Indexed in Scopus (Q3)**, October 2025
- Enoch Arulprakash, Aruldoss, M. (2023). “An Object-Oriented Neural Representation and its Implication towards Explainable AI”, International Journal of Information Technology, ISSN: 2511-2112, <https://doi.org/10.1007/s41870-023-01432-2>, **Indexed in Scopus (Q2)**, **Springer Nature Journal**

- Arulprakash, Enoch & Martin, A. & Lakshmi, T. (2022). A Study on Indirect Performance Parameters of Object Detection. SN Computer Science 3, DOI: [10.1007/s42979-022-01277-9](https://doi.org/10.1007/s42979-022-01277-9), **Indexed in Scopus(Q2), Springer Nature Journal**
- Arulprakash, E., & Aruldoss, M. (2021). A study on generic object detection with emphasis on future research directions. Journal of King Saud University-Computer and Information, DOI: [10.1016/j.jksuci.2021.08.001](https://doi.org/10.1016/j.jksuci.2021.08.001), **Impact factor 8.839, Science Citation Index (SCI, Q1), ScienceDirect Journal**
- Arulprakash, E., & Aruldoss, M. (2020). A study on fight against COVID-19 from latest technological intervention. SN Computer Science, 1(5), 1-3., DOI: [10.1007/s42979-020-00301-0](https://doi.org/10.1007/s42979-020-00301-0), **Indexed in Scopus(Q2), Springer Nature Journal**

Patents

- “An IoT and Machine Learning Based System For Automated E-waste Sorting And Recycling In Smart Cities”, Application No. 202541090315 – published October 24, 2025
- “Machine Learning Framework for Predicting Educational Outcomes Amid New Policy Interventions in Higher Education”, Application No. 202521080582 – published October 17, 2025
- “Smart Speed Control for Road Accident using Computer Vision & IOT”, Application No. 202441093612 – Published, November 29, 2024

Conference Attended

International Conferences:

- Enoch Arulprakash, Aruldoss, M., Artificial Neural Networks and Its Reliability Aspects, Mathematical Modeling and Computational Science-ICMMCS'23 Mother Teresa Women's University, Research & Extension Center, Madurai, Tamil Nadu - 625 019
- Enoch Arulprakash, Aruldoss, M., A Study on Different evolution in Computer Vision, International Conference on Computational Science (ICCS), Loyola Research Institute of Mathematics Computing Sciences (LIMCOS), 16th and 17th November 2018, Loyola College, Chennai - 600034, Tamil Nadu, India

National Conferences:

- Enoch Arulprakash, Aruldoss, M., Emphasizing Interpretability In Neural Networks : An Object – Oriented Proposal, National Conference on Paradigm shift in Embedded, Communication, Artificial Intelligence & Robotics, 03 & 04 July 2023, Jai Shriram Engineering College, Tirupur, Tamilnadu - 638 660

Awards

- Received the **Best Paper Award** for “Automated Diagnosis of Pneumonia and COVID-19 from Chest X-Rays Using Deep Learning” at ICCIST 2025, CHRIST (Deemed to be University) (Dec 18–19, 2025)
- Awarded Junior Research Fellowship (JRF) and Eligibility for Assistant Professor in Computer Science and Applications (November 2017)
- Qualified Graduate Aptitude Test in Engineering (GATE) in Computer Science and Engineering (2018 and 2019)

Academic Activity

- **Active Member in FDP Programs:** Been an active member in Organizing “**A FIVE DAY FDP ON BLOCKCHAIN ANALYTICS AND BIG DATA- THE FUTURE OF BUSINESS PROCESS**” sponsored by AICTE – ATAL Academy organized by the Department of Computer Science, Central University of Tamil Nadu, Thiruvallur (06/12/2021 – 10/12/2021)
- **Lectured NET classes** Lectured Computer Science subjects for the M.SC Students as part of NET coaching conducted by the Department of Computer Science, Central University of Tamil Nadu, Thiruvallur.

Faculty Development Activity/Workshops

- Completed Video Proctoring Cyber Security Fundamentals Certification, Infosys Springboard (March 9, 2026)
- Completed Video Proctoring Certification – Cyber Security Foundation Certification, Infosys Springboard (Feb 21, 2026)
- Completed Google’s Gemini Academy Certification, Google (Dec 1, 2025)
- Participated in FIP on "AI For Educators" conducted by DSATM in association with Smayan Foundation (Aug 18–22, 2025)
- Participated in the FDP on "AI Tools for Teaching" conducted by Brindavan College of Engineering, Bengaluru (June 28, 2025)
- Attended the workshop on "Strategic Planning for Patent Commercialization", DSATM (June 14, 2025)
- Attended "Faculty Conclave: Key to Institutional Excellence", DSATM (April 12, 2025)
- Attended "AI Education: Transforming Learning Environment", ISBR College, Bengaluru (March 13, 2025)
- Attended the FEP on "JavaScript & HTML5 – The Language" (February 15, 2025)
- Completed FEP on "CSS3", Infosys Springboard (February 2025)
- Attended 5 days’ workshop on "Machine/Deep Learning for Image and Video Processing Applications" Sponsored by TEQIP-III and organized by the National Institute of Technology (NIT), Rourkela, India (24/06/2019 – 30/06/2019)
- Attended 7 days of Faculty development program sponsored by the Department of Science and Technology (DST) on "Artificial Intelligence and Machine Learning" Organized by the Department of Computer Science at Mother Teresa Women’s University Kodaikanal(13/02/2020 – 19/02/2020)
- Attended 7-day Workshop on "Advanced in Deep Architecture for Signal, Image & "Vision Application" organized by Indian Institute of Information Technology (IIIT) – Allahabad (24/06/2019 – 30/06/2019).
- Presented a poster presentation on "Development of Flexible Autonomous Car System Using Machine Learning and Blockchain" in "IEEE Computational Intelligence, Geo-sciences & Remote Sensing Society" Organized by Muffakham Jah College of Engineering & Technology, Hyderabad (22/11/2018 – 27/11/2018).

Contact Details

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