Dayananda Sagar Academy of Technology & Management

(Autonomous Institute under VTU)

Affiliated to VTU
Approved by AICTE
Accredited by NAAC with A+ Grade
6 Programs Accredited by NBA
(CSE, ISE, ECE, EEE, MECH, CV)

Faculty Name	Dr. Enoch Arulprakash
Academic Designation	Assistant Professor
Educational Qualification	BCA, MCA, Ph.D.
Experience in Years	5years 10 months (corporate)
Area of Interest	Machine Learning, Deep Learning, Neural Network, Explainable AI
Date of Birth	03/12/1988
Email ID	enocharulprakash03@gmail.com

Educational Details

Personal 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

- **JRF and SRF 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**

Publications

- 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**, **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, **Indexed in Scopus**, **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, **Impact factor 8.839**, **Science Citation Index (SCI)**, **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, **Indexed in Scopus**, **Springer Nature Journal**

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

- 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, Thiruvarur (**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, Thiruvarur.

Faculty Development Activity/Workshops

- 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 Muffakahm Jah College of Engineering & Technology, Hyderabad(22/11/2018 – 27/11/2018).

Contact Details

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