

Faculty Profile

Dr. L. Visalatchi M.Sc.,M.Phil.,Ph.D.,
Vice Principal,
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Department of Information Technology
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Date of Joining: 6.07.2006

Academic Qualifications: M.Sc, M.Phil., Ph.D

Teaching Experience: 20 years

Research Experience: 5 years

Areas of Research: Data mining

Research & Publications:

- **Dr.L.Visalatchi, P.Anjelin, M.Eswaran, V.K.S.K.Inamdar**, “Sky Sentinel: Pioneering Real-Time Facial Recognition in Intelligent Drones,” 2023 4th International Conference on Smart Electronics and Communication (ICOSEC)2023, p12-127,doi:10.1109/ICOSEC58147.2023.10275930.
- **Dr.L.Visalatchi, Dr. Karthick Panneerselvam, Dr. K. Rajalakshmi,Dr. V. L. Helen Josephine, Dr. Dhivya Rajan, Dr.K. Mahesh, Meroda Tesfaye** Improving the Security of Video Embedding Using the CFP-SPE Method, *Hindawi Journal of Engineering Volume 2022, Article ID 6903695.*
- **Dr.L.Visalatchi, Dr.K.Rajalakshmi**, Machine Learning Technique for detecting anomalies in bank video surveillance systems, Journal of fundamental & Comparative Research.Vol.VIII, No.2. 2022. ISSN: 2277-7067.
- **Dr.L. Visalatchi, P.Priyanka**,Time based proxy Re-encryption scheme for de-duplication of data in cloud, International Conference on Artificial Intelligence and Information Technology, ICAIIT, September 2021.
- **Dr.L. Visalatchi, PL. Yazhini**,Prediction of Denial of Service Attack using Machine Learning Algorithms, International Journal of Innovative Technology and Exploring Engineering(IJITEE) ISSN2278-3075,Volume 9, Issue 5, March 2020 .

- **Dr.L. Visalatchi, PL. Yazhini**,The Survey of DDos Attack prevention and defense technique International conference of Computational Sciences, Alagappa University, October 2019
- **Dr.L. Visalatchi, PL. Yazhini**,The Survey of DDos Attack prevention and defense technique International Journal of Innovative science and Research Technology (IJISRT), Volume 5, Issue 2 February 2020
- **L.Visalatchi, Dr.M.Balamurugan**, A Framework for the Evolutionary clustering of the dynamic heterogeneous information network based on hadoop mapreduce. International Journal of Engineering Technology ISSN (Print) : 2319-8613 ISSN (Online) : 0975-4024, Vol 9 No 5 Oct-Nov 2017 (UGC approved)
- **L.Visalatchi, Dr.M.Balamurugan**, Using hyper parameters in Evolutionary clustering International Journal of Pure and Applied Mathematics (Scopus Indexed, Volume 116 No. 21 2017, 499-508) ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)
- **L.Visalatchi, Dr.M.Balamurugan**, An Efficient Evolutionary Clustering using Strengthened Density based **Algorithm**, IJARTET, Volume 3, Special Issue 20, April 2016, ISSN:2394-3777 (UGC Approved).
- **L.Visalatchi, Dr.M.Balamurugan**, Self Constructing Clusters in dynamic multi typed heterogeneous networks, IEEE Xplore, IEEE, Electronic ISBN:978-1-4673-7807-9 PoD ISBN:978-1-4673-7807-6
- **L. Visalatchi**, Analysis of Clustering and Classification, IJCS, Page No. 1819-1829, Volume 5, Issue 1, February 2017.
- **L.Visalatchi**, Influence of priors over multi-typed object in evolutionary clustering CCSIT International Conference, Feb 2013, ISSN:2231-5403,ISBN:978-1-921987-00-7
- **L.Visalatchi**, Impact of hierarchical clustering in modern clustering algorithms, National conference, 28th March 2012,Bharathiar University, Coimbatore

Academic and Additional Responsibilities:

Head of the Information Technology Department from the year 2009

Member - Internal Audit committee

Member – College Development Council

Membership in Professional Bodies

- Member in Board of Studies for B.Sc(IT) in Alagappa University (2014 – 2017,2017-2020, 2022-2025)
- Member in Board of Studies for M.Sc(IT) in Alagappa University (2014 – 2018, 2022-2025)

Distinctive Achievements / Awards:

- Received “Best teacher” award in the year 2024 from Lions club of karaikudi for renowned contribution in the field of teaching.
- Awarded by Lions Club of Madurai , “Singappen award” on September 2023 for active participation in social activities.
- Received “Bharathi kanda pudumai penn” award in the year 2020 for dynamic activities in academics and social work