Dr. Lino Abraham Varghese

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🌐 https://icet.ac.in/computer-science-and-engineering-department/

Employment History

Mar 2023 – Till Date	**Professor and Head of Department,** Department of Computer Science & Engineering, Ilahia College of Engineering and Technology
Aug 2016 – Mar 2023	**Associate Professor and Head of Department.** Department of Information Technology, MES CE, Kuttippuram
Feb 2011 – Mar 2023	**Associate Professor.** Department of Information Technology, MES CE, Kuttippuram
Jan 2008 – Jan 2011	**Assistant Professor.** Department of Information Technology, MES CE, Kuttippuram
Jan 2002 – Dec 2007	**Lecturer.** Department of Information Technology, MES CE, Kuttippuram
Jul 2001 – Dec 2001	**Guest Lecturer.** Department of Information Technology, GEC, Sreekrishnapuram
Feb 2001 – Jun 2001	**Faculty.** Department of CSE, Micro Info Sys, Ernakulam
Aug 2000 – Jan 2001	**Lecturer.** Department of IT, St. George College, Aruvithura

Education

2022	**Doctorate, CEG, Anna University, Chennai:** PhD in Computer Science and Engineering. Thesis title: *Ensuring Data Retention and Freshness in Hybrid Cloud Environment over Multicast Communication.*
2007	**Post Graduation, Cochin University of Science and Technology:** M.Tech in Computer and Information Science. Thesis title: *Energy Efficient Routing Protocol for Wireless Sensor Networks.*
1999	**Under Graduation, Cochin University of Science and Technology:** B.Tech in Information Technology. Project title: *Spring: An Integrated Web Client for Internet.*

Research Publications

Journal Articles

1. C. Arjun and D. L. A. Varghese, "A scalable oauth 2.0-based authorization framework for secure resource access in distributed systems," *International Journal of Creative Research Thoughts (IJCRT),* vol. 13, no. 5, j381–j391, 2025.

2. D. L. A. Varghese, A. AR, A. Skaria, A. PN, and S. CR., "Autonomous job applier with resume customization and ai mock interview," *International Research Journal of Modernization in Engineering Technology and Science,* vol. 7, no. 04, pp. 2660–2667, 2025.

3. A. Joy, A. B, B. G, R. Suresh, and D. L. A. Varghese, "A comparative study on helping hearing-impaired and mutes using sign language translator," *International Journal of Research Publication and Reviews,* vol. 5, no. 2, pp. 2029–2033, 2024.

4 L. A. Varghese and S. Bose, "Efficient data storage model to overcome the storage problems in industries.," *Dynamic Systems and Applications*, vol. 30, no. 6, pp. 994–1003, 2021.

5 L. A. Varghese and S. Bose, "Effective data storage for e-learning with enhanced freshness monitoring system," *Journal of Computational and Theoretical Nanoscience*, vol. 15, no. 1, pp. 245–248, 2018.

6 L. A. Varghese and S. Bose, "Effective storing and managing of data in a multicast communication over cloud environment," *Asian Journal of Information Technology*, vol. 15, no. 20, pp. 4102–4105, 2016.

7 P. Ramya, L. A. Varghese, and S. Bose, "An efficient traceability mechanism in the audited cloud data storage," *International Journal of Computer and Information Engineering*, vol. 9, no. 9, pp. 1–4, 2015.

8 S. Sankari, S. Bose, and L. A. Varghese, "Effective performance analysis of lowest common ancestor computation in xml secure labeling schemes," *International Journal of Applied Engineering Research*, vol. 10, no. 34, pp. 27 332–27 335, 2015.

9 S. Sankari, S. Bose, and L. A. Varghese, "Measuring effective performance of secure labeling scheme for xml content distribution," *Advances in Natural and Applied Sciences*, vol. 9, no. 9 SE, pp. 37–41, 2015.

10 L. A. Varghese, S. Bose, and S. Sankari, "A multi level system model for ensuring freshness in cloud environment," *Advances in Natural and Applied Sciences*, vol. 9, no. 9 SE, pp. 51–55, 2015.

11 L. A. Varghese, S. Bose, and S. Sankari, "Managing data retention policies at client side in cloud," *International Journal of Applied Engineering Research*, vol. 10, no. 34, pp. 27 329–27 331, 2015.

Conference Proceedings

1 L. A. Varghese, V. Sreejith, and S. Bose, "Enhancing namenode fault tolerance in hadoop over cloud environment," in *2014 Sixth International Conference on Advanced Computing (ICoAC)*, IEEE, 2014, pp. 82–85.

2 L. A. Varghese and S. Bose, "Integrity verification in multi cloud storage," in *2013 Fifth International Conference on Advanced Computing (ICoAC)*, 2013, pp. 300–303. 🔗 DOI: 10.1109/ICoAC.2013.6921967.

3 G. Santhosh Kumar, L. A. Varghese, V. Damodaran, and P. Jacob K, "Energy efficient routing protocol for wireless sensor networks," in *19th Kerala Science Congress*, vol. 9, 2007, pp. 973–974.

4 G. S. Kumar, L. A. Varghese, J. Mathew K., and K. P. Jacob, "Evaluation of the power consumption of routing protocols for wireless sensor networks," in *2006 International Symposium on Ad Hoc and Ubiquitous Computing*, 2006, pp. 194–195. 🔗 DOI: 10.1109/ISAHUC.2006.4290675.

Skills

Languages	🔖	Strong reading, writing and speaking competencies for English, Malayalam and Hindi
Coding	🔖	Java, PHP, R, SQL, XML/XSL, LaTeX, …
Databases	🔖	MySQL, PostgreSQL.
Web Dev	🔖	Html, CSS, JavaScript, Apache Web Server, Tomcat Web Server.
Misc.	🔖	Academic research, teaching, training

Miscellaneous Experience

Awards and Achievements

2005	🔖	**Life Member**, of The Indian Society For Technical Education (ISTE).
2007	🔖	**Second Rank Holder**, in MTech Computer and Information Science, CUSAT.

Miscellaneous Experience (continued)

2014 ▌**Best Paper Award**, for the paper titled "Enhancing NameNode Fault Tolerance in Hadoop over Cloud Environment" in Sixth International Conference on Advanced Computing (ICOAC 2014).

Certification/Affiliation

Dec 2003 ▌**Certification. Nathan & Nathan Consultants Pvt Ltd:** Internal Auditing of Quality Management System ISO 9001:2000.

2008 Jun– 2009 Jan ▌**Certification. Accel Academy Ltd:** Linux Administration.

Seminars

2020 ▌**Participated in the webinar on "IEEE Xplore Digital Library Training "**, organized by MES College of Engineering Kuttippuram on 24th June 2020.

▌**Participated in the webinar on "Cloud Computing with AWS"**, organized by CSE Dept, Vedavyasa Institute of Technology in association with Computer Society of India VVIT Chapter on 18th June 2020.

▌**Participated in the webinar on "Star Robotics X-pert"**, organized by Star Certification on 1st June 2020.

▌**Participated in the webinar on "Cyber Security- From an Enterprise Vewpoint"**, organized by Institution Innovation Council of Coimbatore Institute of Technology, Coimbatore on 30th May 2020.

▌**Participated in the webinar on "Star AI X-pert"**, organized by Star Certification on 28th May 2020.

Workshops

2025 ▌**Attended Six Day AICTE Training And Learning (ATAL) Academy FDP on "Indian Health, Wellness & Psychology (including Ayurveda)"**, organized by Nehru College Of Engineering and Research Centre, Thrissur from 20th to 25th January 2025.

▌**Attended Six Day AICTE Training And Learning (ATAL) Academy FDP on "Advanced Techniques in AI and Machine Learning"**, organized by College Of Engineering, Cherthala from 6th to 11th January 2025.

2024 ▌**Attended FDP on "Engaging Young Mind"**, organized by ICET Muvattupuzha, Kerala on 29th November 2024.

2019 ▌**Attended FDP on "Automation in the World of AI, ML and Data Science"**, organized by TCS Kochi on 8th November 2019.

▌**Attended FDP on "Cloud Computing"**, organized by TCS Kochi on 4th October 2019.

▌**Attended the "Google Cloud Career Readiness Training" program**, at Sree Chithra Thirunal College of Engineering, Thiruvananthapuram organized by Additional Skill Acquisition Programme (ASAP), Higher Education Department, Government of Kerala on August 31st 2019.

2018 ▌**Attended FDP on "Big Data and Quantum Computing"**, organized by TCS Kochi on 20th July 2018.

2017 ▌**Attended Two day hands-on workshop on "Internet of Things & M2M"**, organized by Department of Information Technology, MESCE in association with Dept of ECE and IEDC, MESCE on 18th & 19th August 2017.

Miscellaneous Experience (continued)

🔖 **Attended Two day FDP on "Teaching & Learning Skill Development"**, organized by MES College of Engineering, Kuttippuram, sponsored by Kerala Self Financing Engineering College Management Association on 7th & 10th July 2017.

Conferences

2024 🔖 **Attended IBS Software CONFLUENCE-2024, Industry-Academia Meet**, organized by Rajagiri School of Engineering & Technology on 6th November 2024.

2020 🔖 **Attended the 2nd Professional Students Summit**, as the official faculty coordinator from MESCE, Kuttippuram at CUSAT, Kalamassery on 15th February 2020.

Presentation/Poster Presentation

2023 🔖 **Handled a session on "Basics of AI and its application",** in a five day worshop on "Introduction to Artificial Intelligence and Machine Learning" organized by Department of Computer Science and Engineering at Ilahia College of Engineering and Technology from 8th May 2023 to 12th May 2023.

2018 🔖 **Delivered an expert talk on "Cloud Computing for All"**, organized by Department of Computer Application at Safa College of Arts and Science Pookkattiri on 3rd December 2018.

🔖 **Handled a session on "Cloud Computing for Smart Grid"**, in a three day Short Term Course on "Distributed Generation and Smart Grid" organized by the Department of Electrical and Electronics Engineering, Government College of Engineering, Kannur from 31st October to 2nd November 2018.

🔖 **Delivered a talk on "Cloud Computing – Research Challenges"**, organized by Department of Computer Science and Engineering, MESCE Kuttippuram on 6th August 2018.

🔖 **Handled a sessions on "Cloud Computing for Smart Grid"**, in a three day Short Term Course on "Distributed Generation and Smart Grid" organized by Department of Electrical and Electronics Engineering, MESCE Kuttippuram in association with IEEE Malabar Subsection, IEEE Power and Energy Society and Centre for Research on Energy and Environment (CREE), from 18th to 20th July 2018.

2017 🔖 **Delivered a talk on "Cloud Computing – Introduction & Project Scope"**, organized by Department of Computer Science and Engineering, MESCE Kuttippuram on 8th August 2017.

🔖 **Handled a sessions on "Introduction to Virtual Box, AWS and Eucalyptus" and hands-on session on "Building Cloud using Eucalyptus Cloud in a Box"**, in a five day Faculty Development Programme on "Building Private cloud using Free Software Tools" organized by the Department of Computer Science and Engineering, Government Engineering College, Thrissur from 20th to 24th June 2017.

2016 🔖 **Handled a sessions on "Introduction to Virtualization and Virtual Machines" & "Cloud Service Development" and Hands on session on "Communication between VMs" & "Setting up of Cloud Environment"**, in the TEQIP II sponsored four day Faculty Development Programme on "Cloud Computing and Big Data Analytics" organized by the Department of Computer Science and Engineering, Government Engineering College, Sreekrishnspuram, Palakkad from 29th February to 3rd March 2016.

Miscellaneous Experience (continued)

2015
- **Handled a Practical session on "Eucalyptus & Hadoop Installation"**, in the UGC DSA-II sponsored five day workshop on "Cloud Data – Analysis, Mining, Interoperability and Security" conducted by the Department of Computer Science and Engineering, Anna University, Chennai from 16th to 20th March 2015.
- **Handled a Hands-on "Hadoop Installation"** for five day workshop on "Cloud Based Machine Learning Algorithms for Big Data Mining", conducted by the Department of Computer Science and Engineering, Anna University, Chennai from 17th to 21st February 2015.

Duties/Responsibilities

2025
- **Reviewer** for 11th International Conference on Smart Computing and Communications.
- **External Expert** nominated by the University to conduct BTech Project Phase II and Comprehensive Course Work Viva Voce at Adi Shankara Institute of Engineering and Technology from 7th to 9th April 2025.

2024
- **External Expert** nominated by the University to conduct MTech Dissertation Phase II at ToCH Institute of Science and Technology on 27th June 2024.
- **Returning Officer** for College Union Election, ICET.

2023
- **Head of Department**, CSE Dept, ICET.
- **Doctoral Committee** member for the research scholars under APJA KTU.
- **Deputy Chief Warden**, ICET.
- **Session Chair**, in the IEEE International Conference on Innovations in Engineering and Technology (ICIET 2023) conducted at Ilahia College of Engineering and Technology during 13th and 14th July 2023
- **Reviewer** for International Conference on Innovations in Engineering and Technology (ICIET)
- **Invitee** for the Oracle Technology Day being held on 27th October 2023 at Crowne Plaza, Kochi.

2022
- **Chairperson**, for the KTU End Semester External Lab Examinations of B.Tech S7 (R) Exam Dec 2022

2021
- **Returning Officer** for College Union Election, MESCE.

2019
- **Faculty Coordinator** of Google Career Readiness: Associate Cloud Engineer Track in association with ASAP.

2016–2023
- **Head of Department** of IT Dept, MESCE.

2015–2023
- **Chief Warden**, MESCE.

2014
- **Reviewer** for 15th National Conference on Technological Trends (NCTT 2014) conducted at College of Engineering Trivandrum.

References

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