

Dr. Lino Abraham Varghese

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in Lino Abraham Varghese

🌐 <https://www.icet.ac.in/faculties/4/staff-profile>



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

- 2012 – 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.*
- 2005 – 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.*
- 1995 – 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 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.
- 2 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.
- 3 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.
- 4 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.

- 5 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.
- 6 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.
- 7 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.
- 8 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](https://doi.org/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](https://doi.org/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, L ^A T _E X, ...
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.
- 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.

Miscellaneous Experience (continued)

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 View-point”**, 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

- 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.
- **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

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

Presentation/Poster Presentation

- 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.

Miscellaneous Experience (continued)

- 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.
- 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

- 2023
 - **Head of Department,** CSE Dept, ICET.
 - **Deputy Chief Warden,** ICET.
 - **Reviewer** for International Conference on Innovations in Engineering and Technology (ICIET)
- 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.

References

Dr. S. Bose

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Dr. G. Santhosh Kumar

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