

# Dr. Lekshmy P L



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[Scholar link](#)

## Qualifications:

- BE in Information Technology
- ME in Computer Science & Engineering
- Ph.D in Computer Science & Engineering

## Professional Experience:

- 15 years

## Recently Taught Courses:

- Data Mining
- Machine Learning
- Data Communication and Networking
- Database Management Systems Lab

## Other Responsibilities:

- Academic Co-ordinator IT
- Admission Co-ordinator
- DQAC Member
- College IQAC Member
- TEQIP Academic Committee Member
- Tinker Hub Staff-incharge
- Accreditation Criteria 8 and Criteria 9

## Important Publications:

- Hybrid Approach to speed up privacy preserving kernel k-means clustering and its application in social distributed environment”. Journal of Network and systems Management ISSN: 1064-7570., Volume-28, Issue-2, January 2020. Page No.: 398-422(SCI Springer, IF: 2.250)
- A sanitization approach for privacy preserving data mining on social distributed environment”. Journal of Ambient Intelligence and Humanized Computing ISSN: 1868-5137., Volume-11, June 2019. (SCI Springer, IF: 4.594)
- ‘Binary Class Classification of Software Faults in Software Modules using Popular Machine Learning Techniques’, ‘International Journal of Innovative Science Modern Engineering (IJISME)’, ISSN: 2319–6386 (Online), Volume-6 Issue-6, April 2020. Page No.: 14-18, 2019.
- ‘Best Suited Machine Learning Techniques for Software Fault Prediction’, ‘International Journal of Recent Technology and Engineering (IJRTE)’, ISSN: 2277-3878 (Online), Volume-8 Issue-6, March 2020. Page No.: 4048-4053, 2019.
- Deep learning based prediction of breast cancer in histo pathological images, International Journal of Engineering Research & Technology (IJERT),2278-0181,2019.
- Importance of privacy Preservation in very Large Data based data mining -Review”. International Journal of Advanced Research in Education and Technology (IJARET) ISSN: 2394-2975. Volume-2 Issue-4, December 2015.
- Privacy Protection in Personalized Web Search-A Survey, International Journal of Innovative Research in Advanced Engineering (IJIRAE) , 2014

## Research & Consultancy:

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## Membership in Professional Organizations

- ISTE

## Conference/Paper Presentation:

- “Optimal attribute based encryption for secure data storage on Social Distributed Environment” in International Conference on Information and Education Innovations - (ICIEI-20), Chennai November 2020.

- "Privacy Preservation Techniques for Data Transmission on Social Distributed Environment" in the International Conference on Internet of Things, Big Data Analytics and Information Technology (ICITBDIT- 2020), ISBN:978-93-90150-17-5; Edn:12, December 2020
- " Study of Email Spam classification Learning Techniques ", National conference on Recent Advancements in Digital Transformation of Agriculture, Science and Environment, April 2022
- "Hybrid Learning Approach for E-mail spam detection and classification", International conference on Intelligent Cyber Physical systems and Internet of Things, Springer Conference, August 2022.
- "A study on contemporary driver drowsiness detection techniques", National conference on Advances in Communication, Signal Processing and Instrumentation , January 2023.