

FACULTY PROFILE



Name: Dr. SMITHAMOL M B

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Designation: PROFESSOR

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Department: Computer Science and
Engineering

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ACADEMIC QUALIFICATIONS

Doctoral (<i>Institute, year, Subject</i>)	College of Engineering Guindy, Anna University Campus, 2018, Data Security in Cloud Computing
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P.G.	NIT Surathkal Karnataka, 2008, M.Tech in Computer Science and Engineering
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U.G. Govt Engineering College Thrissur, 1998, B.Tech in Computer Science and Engineering

AREA OF INTEREST: Data Security, Cloud Computing, Algorithms, Machine Learning

WORK EXPERIENCE

Teaching (<i>Period, position, Organization</i>)	June 1999-December 1999 Govt Engineering College Thrissur
	January 2000-December 2000, IHRD Polytechnic Kaliasseri, Kannur
	January 2001- May 2001 Govt Polytechnic Thottada
	June 2001 till date LBS College of Engineering Kasaragod

RECENTLY TAUGHT COURSES

Theory of Computation, Design and Analysis of Algorithms, Cloud Computing, Advanced Database Management System, Machine Learning.

Delivered expert lectures in various workshops and FDPs in state level and national level.

OTHER RESPONSIBILITIES

NBA CSE Coordinator

PUBLICATIONS (LATEST)

Peer Reviewed Science cited International Journals	1) Smithamol, M.B. and Rajeswari, S., 2017. Hybrid solution for privacy-preserving access control for healthcare data. <i>Advances in Electrical and Computer Engineering</i> , 17(2), pp.31-38.
	2) Smithamol, M.B. and Rajeswari, S., 2019. TMM: Trust management middleware for cloud service selection by prioritization. <i>Journal of Network and Systems Management</i> , 27(1), pp.66-92.
	3) Smithamol, M.B. and Sridhar, R., 2018. PECS: Privacy enhanced conjunctive search over encrypted data in the cloud supporting parallel search. <i>Computer Communications</i> , 126, pp.50-63.

Peer Reviewed Science
cited International
Conferences

- 1) Smithamol, M.B. and Sridhar, R., 2017, October. Root Table: Dynamic Indexing Scheme for Access Protection in e-Healthcare Cloud. In *International Conference on Next Generation Computing Technologies* (pp. 211-227). Springer, Singapore.
- 2) Rasna P and Smithamol, M.B. 2019, October. SVM based Driver Drowsiness Detection using Machine Learning and Image Processing Techniques. In *Fourth International Conference on Advanced Computing and Intelligent Engineering (AISC)*. Springer, Singapore.
- 3) Smithamol, M. B., and N. Sruthi. "Computationally efficient integrity verification for shared data in cloud storage." *Edge-of-Things in Personalized Healthcare Support Systems*. Academic Press, 2022. 315-334.

Peer Reviewed National
Conferences

- 1) Smithamol, M.B. 2020, January. Optimal Configuration Selection for Deploying Big Data Application in Cloud In *National Conference on National Conference on Data Mining and Predictive Analytics* (pp. 211-227). Central University Kerala