Dr. M Lakshmi
Professor,
Department of Computer Science and Engineering,
School of Computing,
SRM Institute of Science and Technology,
Kattankulathur,
Chengalpattu – 603203.
Ph: 9176632536
lakshmim2@srmist.edu.in
laks@icadsindia.com

Profile of Dr. M Lakshmi

Dr. M Lakshmi, currently working as Professor in Department of CSE, SRM Institute of Science and Technology and She has an experience of more than 25 years in Teaching. She previously worked as Professor in Saveetha University, as Principal in Sri Krishna College of Technology, Coimbatore and as Professor and Dean, School of Computing, Sathyabama University, Chennai for more than 23 years. She has completed her B.E. (Computer Science and Engineering) from Bharathidasan University and M.E. (Computer Science and Engineering) from Madras University and Ph.D. from Sathyabama University in the area of Wireless Ad Hoc networks.

She has published more than 50 Papers in International Journals and Presented more than 30 papers in International Conferences. She has organized many workshops to students, faculty and Research scholars and also organized many national conference and international conferences. She has delivered talks in various national level FDP, STTP etc., sponsored by AICTE in the domain of Artificial Intelligence and Deep Learning. She is currently guiding eight research scholars and 7 have completed Ph.D., under her guidance. She has completed a cumulative research project funded by Indira Gandhi Center for Atomic Research (IGCAR), Kalpakkam titled "Development of Data mining tools for sequencing assembly/disassembly of the Fuel Transfer Arm for PFBR and identification of failure modes during operations". She is a DST FIST Project coordinator and got a funding of 57 lakhs from DST to establish wireless sensor and IoT Lab. She was the founder coordinator for Student Development Cell at Sathyabama. She has received BEST TEACHER Award five times in the year **2003, 2007, 2009, 2012 and 2014 from Sathyabama University**.

Publication of Dr. M Lakshmi(Last 5 Years)

1. Refonaa, J., Lakshmi, M.(2021), "Remote sensing based rain fall prediction using big data assisted integrated routing framework", Journal of Ambient Intelligence and Humanized Computing, https://doi.org/10.1007/s12652-020-02726-0, Published online on 03 Jan 2021. .(**Scopus and Web of Science Indexed) - Journal Impact Factor - 4.594**

2. Dhamodaran, S., Lakshmi, M,(2020), "Comparative analysis of spatial interpolation with climatic changes using inverse distance method", Journal of Ambient Intelligence and Humanized Computing, https://doi.org/10.1007/s12652-020-02296-1, Springer-Verlag GmbH Germany, part of Springer Nature 2020, Accepted: 2 July 2020.(**Scopus and Web of Science Indexed) - Journal Impact Factor - 4.594**

3. M S Roobini, Lakshmi M(2020), "Exploration of Magnetic Resonance Imaging for Prognosis of Alzheimer's Disease Using Convolutional Neural Network", Lecture Notes in Networks and Systems book series (LNNS, volume 130)pp. 153-165, 2020**. (Scopus Indexed)**

4. Refonaa, J., Lakshmi, M.(2020), "Optimized classification scenario for rainfall prediction using genetic algorithm" , Journal of Advanced Research in Dynamical and Control Systems, Vol. 12 | 03-Special Issue, pp.: 844-854, DOI: 10.5373/JARDCS/V12SP3/20201326**(Scopus Indexed).**

5. Dhamodaran, S., Lakshmi, M.(2019), "Ensampling data prediction using sparse data in mobile intelligent system", International Journal of Interactive Mobile Technologies, 2019, 13(10), pp. 106-119. (**Scopus Indexed) Snip > 1.062**

6. Roobini, M.S., Lakshmi, M.,(2019) "Advancement of principal component judgment for the classification and prediction of Alzheimer's disease", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2S3, July 2019. (**Scopus Indexed).**

7. Dhamodaran, S., Lakshmi, M,(2019) "Dynamic trustee Behaviour pattern for user support and its forecast prediction", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue-7S, May 2019. (**Scopus Indexed**).

8. Saravanan, P., Lakshmi, M. (2018), "Lateral Cephalogram analysis using Weighted Rough Neural Network for sex determination", Journal of Engineering and Applied Sciences, Volume 13, Issue 24, 2018, Pages 10455-10460. ((**Scopus Indexed)**

9. Rajalakshmi.V, **Lakshmi.M**, Anu, V.M.(2017), "A complete privacy preservation system for data mining using function approximation", Journal of Web Engineering, Volume 16, Issue 3-4, 1 June 2017, pp. 278-293. (**Scopus and Web of Science Indexed**). **– Journal Impact factor - 0.580**

10. VinithaStephie,V., Lakshmi.M, (2017) "Design and implementation of e-commerce web application", ARPN Journal of Engineering and Applied Sciences,Volume 12, Issue 16, 1 August 2017, pp. 4769-4772(**Scopus Indexed**).

11. Prakash, K.B., Rajaraman,A., Lakshmi.M (2017), "Complexities in developing multilingual on-line courses in the Indian context ",Proceedings of the 2017 International Conference On Big Data Analytics and Computational Intelligence, ICBDACI 2017(**Scopus Indexed**).

12. Dhamodaran, S., Lakshmi.M (2017), "Design and analysis of spatial-temporal model using hydrological techniques", 6th International Conference on Computation of Power, Energy, Information and Communication, ICCPEIC 2017(**Scopus Indexed**).

13. Refonaa, J., Lakshmi.M. (2017), "Cognitive computing techniques based rainfall prediction - A study", 6th International Conference on Computation of Power, Energy, Information and Communication, ICCPEIC 2017. (**Scopus Indexed**).

14. Dhamodaran, S., Kailash, T., Srinivasan, G.T., Lakshmi.M.,(2017), "Dynamic control of street lights with human mobility, illumination",6th International Conference on Computation of Power, Energy, Information and Communication, ICCPEIC 2017.(**Scopus Indexed**).

15. SundharamRamalingam and **Lakshmi M** (2016), "A Fuzzy Based Sensor Web for Adaptive Prediction Frameworkto Enhance the Availability of Web Service", International Journal of Distributed Sensor Networks, Volume 2016, Article ID 4972061, 14 pages, (**Web of Science Indexed**) - **Journal Impact Factor 1.151**

16. **Lakshmi.M,** Abhinayaa, E., AiswariyaaSruthi, E.(2016), "An android application for efficient E-question bank", ARPN Journal of Engineering and Applied SciencesVolume 11, Issue 13, 2016, Pages 8332-8335Open Access(**Scopus Indexed**).

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19. Goyal, S.K., Das, S., **Lakshmi.M,** (2016), "Effective handling of patient health records using NoSQL: MONGODB", Research Journal of Pharmaceutical, Biological and Chemical Sciences, Volume 7, Issue 4, July-August 2016, Pages 134-138.(**Scopus Indexed**)

20. Sundaram R, **Lakshmi.M.** (2016), "Queuing model approach for enhancing qos of web services", Journal of Theoretical and Applied Information Technology, Volume 90, Issue 2, 31 August 2016, Pages 142-150. Open Access(**Scopus Indexed**)

21. Vivek, J., **Lakshmi.M,** ,Tom, N.(2016), "Emergency detection and rescue system using mobile communication technology", International Journal of Pharmacy and TechnologyVolume 8, Issue 4, December 2016, Pages 27080-27090. (**Scopus Indexed**).

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27. **M Lakshmi,** K Sowmya (2015) , "Sensitivity Analysis for Safe Grainstorage using Big Data", Indian Journal of Science and Technology, Indian Society of Education and Enivronment, Vol. 8Issue S7PP. 156-164,April 2015. (**Google Scholar Indexed**)

28. PrathyushaMelapindi, **M Lakshmi** (2015), "Commute Together-Boon or Bane?", International Journal of Applied Engineering Research, Vol. 10 Issue 4, 2015, PP. 10697-10706. (**Scopus Indexed**)