Curriculum Vitae

Dr. M. Sudheep Elayidom,

Professor,

Division of Computer Science and Engineering, School of engineering,

Cochin University of Science and Technology.

	Official Address	Residential Address	
Address	Division of Computer Engg , School of Engg, Cochin University of science and technology, Kochi - 682 022, Kerala, India	Sreevilas, Asramam Road, Kalady P.O Ernakulam District, Kerala India 683574	
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Key Achievements: Was a first rank holder in both B.Tech and M.Tech. Published a reference book by an international publisher Cengage learning, titled "Data mining and warehousing". Published several international publications in indexed journals of high impact factor and working as a Ph.D guide in CUSAT, Kochi, India. Co-ordinated an international conference ICICT, held at Kochi, December 2014 as a Program Co-chair

Educational Qualifications:

Ph.D	*Computer Science with specialization in data mining*	*Cochin University of Science and Technology*	*25 international publications Including a text book and SCOPUS/UGC indexed journals*
M.Tech	*Computer & Information Science*	*Cochin University of Science and Technology*	*First Rank*
B.Tech	*Computer Science and Engineering*	*M.G. University*	*First Rank*

Teaching Experience:

20 years of Teaching Experience in division of computer science and engineering, school of engineering, Cochin University of science and technology. I have served as the Head of division for 2 years till date.

Research/teaching interests

Data mining
Big data/Cloud computing
Database Management Systems(DBMS)
Neural networks
Object oriented modelling and design
Software engineering
Java programming
C/C++ programming
Image processing

PUBLICATIONS

1. 1	Sudheep Elayidom, Sumam Mary Idicula, and Joseph Alexander "A Novel Decision Tree Algorithm for Numeric Datasets - C 4.5*Stat", International Journal of Advanced Computing, Vol 36 issue 1, , Feb 2013, pp. 1120-1123
2. 2	Jaimon Jacob, Muraleedharan K.B Sudheep Elayidom, "Block level mod value based Pixel Difference Method for High Capacity Reversible Data Hiding in Images ", IJARCSSE, vol 4 issue 4, apr 2014, pp.431-434
3. 3	Sowmya.K.Menon, Varghese Paul, Sudheep Elayidom, Rathan Kumar, "An efficient cloud based framework for web recommendation systems". IJACST, Volume 3 issue 2, Feb 2014, pp.7-11
4. 6	Sudheep Elayidom, Chinju Jose, Anitta Puthussery , Neenu K Sasi "Text classification for authorship attribution analysis", Advanced Computing: An International Journal (ACIJ), 4(5), September 2013, pp. 1-10.
5. 7	Lija Mohan, Sudheep Elayidom, "A technical insight into the concepts and terminologies behind OAUTH-an open standard for authorization, IJRET, 3(12), pp. 284-290, 2014
6. 8	Cerene Mariam Abraham, Sudheep Elayidom.M, "Implementation of Correlation Techniques for the Equity Market in India", IJARCCE, 4(1), pp 27-29, 2015

7. 9	Hema Krishnan, Sudheep ELayidom.M, "Impact and Application of Sentiment Analysis using Twitter: A Survey", IJARCCE, 4(1), pp 18-21, 2015
8. 10	Neethu Mohandas, Sudheep Elayidom, Sasi Gopalan, "Leveraging Cloud for Large Scale Business Transactions – A Survey", IJARCCE, 4(1), pp 30-33, 2015.
9. 11	Girija O.K, Sudheep Elayidom, "Overview of Image Retrieval Techniques", IJARCCE, 4(1), pp 76-81, 2015.
10. 12	Vini Vijayan, Sudheep Elayidom, "Survey on Data Preprocessing Techniques for Fuzzy Association Rule Mining", IJARCCE, 4(1), pp 49-51, 2015.
11. 13	Lija Mohan, Sudheep Elayidom, "An Efficient File Storage Implementation In Cloud Based On Suffix Trees For Encrypted Data Access", International Journal Of Advanced Research In Computer Science And Software Engineering (IJARCSSE), 4(3), pp.1256-1261, March-2014.
12. 14	Sudheep Elayidom, Sumam Mary Idicula, and Joseph Alexander "A Hybrid ensemble framework for employment prediction problems", Bioinfo Advances in Computational Research Journal, 3 (1), pp. 25-30, December 2011.
13. 15	Sudheep Elayidom, Sumam Mary Idicula, and Joseph Alexander "Design and performance analysis of data mining techniques based on decision trees and Naive Bayes classifier for employment chance prediction", Journal of

	Convergence in Information Technology, 6 (5), pp. 89-98, May 2011.
14. 16	Sudheep Elayidom, Sumam Mary Idicula, and Joseph Alexander "A Generalized data mining framework for employment prediction problems", International Journal of Computer Applications. 31(3), pp. 40-47, 2011.
15. 17	Sudheep Elayidom, Sumam Mary Idicula, and Joseph Alexander "Analysis and implementation of data mining techniques using Naive-Bayes classifier and neural networks" Global Journal of Computer Science and Technology, 10 (10), pp. 20-25, 2010.
16. 18	Sudheep Elayidom, Dr. Sumam Mary Idicula, and Joseph Alexander, "Applying data mining using statistical techniques for career selection", International Journal of Recent Trends in Engineering-Issue on Computer Science, 1 (1), pp. 446-449, 2009.
17. 19	Sudheep Elayidom, Sumam Mary Idicula, and Joseph Alexander," Applying statistical dependency analysis techniques in a data mining domain", CSC-International Journal of Data Engineering Journal, 1(2), pp. 14-24, 2010.
18. 20	Soni P.M, Varghese Paul, Sudheep Elayidom, "An efficient data pre processing frame work for loan credibility prediction system", IJRET, 4(5),pp.273-277, May 2015.

PROCEEDINGS IN CONFERENCES

1	Lija Mohan and Dr. Sudheep Elayidom M., "Hadoop - A Big Data Analytic Tool". In Proceedings of "International Conference on Recent Trends in Engineering and Technology (ICRTET 2014)", Kochi, Kerala, India ,January 18-19th, , 2014,pp.55-60
2	Nikhila.T,Bhuvan and Dr.M.Sudheep Elayidom., "Analysis and evaluation of performance of query execution for the big data platform", International Conference ERCICA, Bangalore, August 2014. (Indexed in Elsevier Proceedia Computer Science).
3	Lija Mohan and Dr. Sudheep Elayidom, "Fine Grained Access Control and Revocation for Secure Cloud Environment - a polynomial based approach", In proceedings of International conference on Information and Communication Technologies (ICICT 2014), Dec 3-5, Kochi, India, 2014.(Indexed in Elsevier Proceedia Computer Science).
4	Femina.T.B and Dr. Sudheep Elayidom, "An efficient CRM-data mining framework for the prediction of customer behavior", In proceedings of International conference on Information and Communication Technologies (ICICT 2014), Dec 3-5, Kochi, India, 2014. (Indexed in Elsevier Proceedia Computer Science).
5	Sudheep Elayidom, Sumam Mary Idicula, and Joseph Alexander "Applying data mining

	techniques for placement chance prediction". In Proceedings of international conference on advances in computing, control and telecommunication technologies, pp.669-671, Kerala, India, 2009. [Online].Available:http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber= 5375893 &tag=1.
6	Sudheep Elayidom, Sumam Mary Idicula, and Joseph Alexander "Comparison of data mining techniques based on decision trees and neural networks for placement chance prediction". In Proceedings of International conference on Computational Engineering Practices & Techniques, pp. 173-178, Kerala, India, 2010.

TEXT BOOK

Data mining and Warehousing, Dr.M.Sudheep Elayidom, 1st edition, Cengage Learning, 2014, Now text book for Kerala technical university, CUSAT and IMT Ghaziabad for CS/IT