

Curriculum Vitae


Dr. M. Sudheep Elayidom,

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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 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:

<i>Ph.D</i>	<i>Computer Science with specialization in data mining</i>	<i>Cochin University of Science and Technology</i>	<i>15 international publications Including Elsevier proceedia and IEEE explorer</i>
<i>M.Tech</i>	<i>Computer & Information Science</i>	<i>Cochin University of Science and Technology</i>	<i>First Rank</i>
<i>B.Tech</i>	<i>Computer Science and Engineering</i>	<i>M.G. University</i>	<i>First Rank</i>

Teaching Experience:

15 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

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

PUBLICATIONS

A). Publications in International refereed journals.

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, 36(1), 1120-1123, 2013.
2. Sudheep Elayidom, Chinju Jose, Anitta Puthussery , Neenu K Sasi “Text classification for authorship attribution analysis”, Advanced Computing: An International Journal (ACIJ), 4(5), pp. 1-10, 2013.
3. Jaimon Jacob, Muraleedharan K.B Sudheep Elayidom, “Block level mod value based Pixel Difference Method for High Capacity Reversible Data Hiding in Images “, IJARCSSE, 4(4), pp.431-434, 2014.
4. 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.
5. 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.
6. 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, 2011.
7. 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.
8. 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.
9. 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.

B). Papers in International Conferences.

1. 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>.
2. 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.
3. 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)",January 18-19th, Kochi, Kerala, India, 2014.
4. Sowmya.K.Menon, Varghese Paul, Sudheep Elayidom, Rathan Kumar, “An efficient cloud based framework for web recommendation systems”. In proceedings of International conference on Computer science and information engineering (ICCSIE 2014), pp.7-11, February 16th, Bangalore, India, 2014.
5. 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).
6. 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).

Declaration:-

I do hereby declare that all the information given above is true to the best of my knowledge and belief.

Sudheep Elayidom.M

Place: Kochi

Date: 25/01/2013