Dr.S.Veena, M.Tech, Ph.D,

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Dr.S.Veena is working as an Professor in the Department of CSE at SRMIST, Ramapuram campus. She holds a Ph. D degree in the field of Computer Science and Engineering from Sathyabama University since May 2016. She has 22 years of teaching experience with good programming skills. She is a recognized supervisor under SRMIST. She is certified in various courses from Coursera and NPTEL. She has published articles in National and International Journals and Conferences.

Area of Research:

Machine Learning, Data Analytics, Network Security

Selected Publications:

1. S.Veena, D.John Aravindhar, "Sound Classification System using Deep Neural Networks for Hearing Impaired People", Wireless Personal Communications, 385-399(2022) ,DOI: 10.1007/s11277-022-09750-7.(Springer)

2. R.Gopi, S.Veena, S.Balasubramanian, D.Ramya, P.Illachezhian, A,Harshavardhan, Zatin Gupta, "IoT Based Disease Prediction Using Mapreduce and LSQN3 Techniques", Intelligent Automation and Soft Computing(IASC) 2022, Vol 34, No.2, DOI: 10.32604/iasc.2022.025792.

3. S.Veena, D.John Aravindhar, "Remote Monitoring System for the Detection of Prenatal risk in a Pregnant Woman", Wireless Personal Communications, February 2021, 1-14,DOI: 10.1007/s11277-021-08249-x.(Springer).

4. S.Veena,D.John Aravindhar,K.Padmaveni, "Eradication Of Black Money By Monitoring The Multi transactions Of A User Using Block chain Technology, Caribbean Journal of Science", Vol.53, Issue 2, May-Aug 2019, Pg,No – 2497-2504, ISSN 0008-6452.

5. E.Vani, S.Veena, D.John Aravindhar, "Query Processing using Privacy Preserving

K-NN Classification over Encrypted Data" in IEEE Xplore, 2016, DOI : 10.1109/ICICES.2016.7518944.

6. S. Keerthana, C.Monisha, S.Priyanka, S.Veena, "De Duplication Scalable Secure File Sharing On Untrusted Storage In Big Data" in IEEE Xplore, 2017 with DOI: 10.1109/ICICES.2017.8070763.

7. S.Veena, D.Sumanth Reddy, C.Lakshmi Kara, K.A.Uday Kiran, "Clinical Outcome Future Prediction with Decision Tree & Naive Bayes Models", Advances in Science and Technology, ISSN :1662-0356, Volume 124, pp 590-593.

8. S.Veena, D.John Aravindhar, "Snapshot Backup Management Systems Technologies in Cloud Servers - A Review", Journal of Huazhong University of Science and Technology, Volume 50, Issue 4, 2021, ISSN-1671-4512.

9. S.Veena, Dr.P.Rangarajan, "Optimization Of Active Apriori Algorithm Using An Effective Genetic Algorithm For The Identification Of Top-L Elements In A Peer To Peer Network" in Asian Journal of Applied Sciences, Volume 02,Issue 05,October 2014.

10. S.Veena,L.Sudha,K.B.Aruna,V.Sureka,"Air Quality Monitoring and Predicting the People to be Affected using LSTM for Hospitals",Turkish Journal of Computer and Mathematics Education, Vol 12, No. 10,April 2021, ISSN :1309-4653.

11. M.Balasubramanian, K.Ramyadevi, S.Veena, "Medicine Delivery System using Drone", Test Engineering and Management, March-April 2020, Vol 83, ISSN: 0193-4120 Page No. 12616 – 12622.

12. V.Priya, S.Veena, L.Sudha,K.B.Aruna,S.N.Ananthi, "Health Monitoring of a Pregnant Woman using Genetics : A Research", International Journal of Recent Technology and Engineering(IJRTE), Volume 8, Issue 2S11, Page no. 2027 – 2029, ISSN – 2277-3878, September 2019.

13. S.Veena,Ahmed Mudassar ali,S.N.Ananthi,Gowri.G.,V.Sureka, "Adopting Block Chain Technologies In Cloud For Efficient Data Storage And Enhanced Security", International Journal of Recent Technology and Engineering(IJRTE), Volume 8, Issue 2S8, Page no. 1295 – 1297, ISSN – 2277-3878, August 2019.

14. S.Veena,K.Ramyadevi,K.Elavarasi,M.Preetha, "Smart Car Automated System to assist the Driver in Detecting the problem and Providing the solution", International Journal Of Innovative Technology and Exploring Engineering vol-8,Issue-6S4,Pg.No-727-731, ISSN: 2278-3075,April 2019.

15. S.Veena,D.JohnAravindhar,K.B.Aruna,L.Sudha,"Secured and Trust-Multipath

Optimized Link State routing in Wireless Body area Network", International Journal Of Innovative Technology and Exploring Engineering vol-8,Issue-6,Pg.No-735-743, ISSN: 2278-3075,April 2019.

16. S.Veena, Dr.P.Rangarajan, "Optimal Knowledge Based Top L Element Identification Using Adaptive Genetic Algorithm In Peer To Peer Network", International Review on Computers and Software(IRECOS), Volume 9, No. 6,June 2014.

Book Publications

1. Published a Book "Human Computer Interaction" in Dhanam Publications, March 2017, ISBN : 978-81-89843-85-4.

2. Published a Book "A Practical Guide to Object Oriented Programming using C++", Amazon Kindle Direct Publishing, December 2020.

3. Published a Book "Computer Architecture and Organization" in Notion Press, March 2022, ISBN : 9798885912358.

Patent :

S.No.	Patent file No	Title of Patent	Role	Date of filing	Date of Publication
1.	202241025471 A	SMART WOMEN SELF DEFENSE SYSTEM USING IOT BASED DEVICE	Inventor	30.04.2022	03.06.2022

Professional Bodies:

1. Life Member(LM32116) of Indian Society for Technical Education(ISTE) since 2001.
2. Member(245157) of International Association of Engineers(IAENG) since September 2019.

Google Scholar:

https://scholar.google.com/citations?user=y2umik0AAAAJ&hl=en

Scopus Profile

https://www.scopus.com/authid/detail.uri?authorId=57191610974

Publon:

https://www.webofscience.com/wos/author/record/AAS-9414-2021

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