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Dr. M.Azhagiri is working as an Associate Professor in the Department of CSE at SRMIST, Ramapuram campus. He holds a Ph. D degree in the field of Computer Science and Engineering, Network Security from St Peters Institute for Higher Education and Research since 2020. He has 12 years of teaching experience with good programming skills. He has been certified in various courses from Coursera and NPTEL. He is a recognized supervisor in SRMIST and guiding four scholars at present. He has published articles in National and International Journals, Conferences, and Symposiums.

PAPERS PUBLISHED IN JOURNALS

1. Azhagiri.M, Shubhanjay Mishra, Shubham Joshi, and Amritash Srivastava.(2021) An Integrated System for Initial Prediction of Autism Spectrum Disorder [J]. Int J Performability Eng, 17(6): 504-510. (Scopus).

2. Azhagiri M, Lingaraj Gopalakrishnan, Shrey Tyagi, Saravanan B. (2020). Robotized Domestic Waste Segregator Utilizing Iot and Image Processing. International Journal of Advanced Science and Technology, 29(3), 6973 - 6978. (Scopus).

3. Anand Antony, Shashank Dhandharia, Saket Gupta,.M. & Azhagiri. M (2019). Application of Deep Learning in Analysis of Age Groups Based on Social Media Interactions. 2019. (Scopus).

4. Azhagiri, M., Chevanan, S., Vivin, J., Samuel, & Davis, P. (2019). An economical incorporation of IoT and edge/ cloud computing for dynamic distribution of iot analytics and organized utilization of network resources. International Journal of Innovative Technology and Exploring Engineering, 9(1), 2734–2736. (Scopus).

5. Jagadeesan, J., Azhagiri, M., Maheshraj, R. P., Sanjay, B., & Srikanth, T. (2019). Control system for smart traffic signal using LTE, GPS, RFID for ambulance. International Journal of Innovative Technology and Exploring Engineering, 9(1), 812–815. (Scopus).

6. Singh, S., Ahmad, M., Bhattacharya, A., & Azhagiri, M. (2019). Predicting stock market trends using hybrid SVM model and LSTM with sentiment determination using natural language processing. International Journal of Engineering and Advanced Technology, 9(1), 2870–2875. (Scopus).

7. Sharma, A., Sahoo, A., Azhagiri, M., & Dutta, D. (2019). Recognition of dog breeds using convolutional neural network and visual geometry group. International Journal of Engineering and Advanced Technology, 9(1), 3898–3902. (Scopus).

8. Sai, B. S., Mohan, P. V., Meher, P., & Azhagiri, M.. (2019). A Culling System for A Recipe using Sentiment Analysis Techniques. International Journal of Engineering and Advanced Technology 8(5S3), (Scopus).

9. Mahendiran Azhagiri., & Appusamy Rajesh. (2018). An intrusion detection system for network security situational awareness using conditional random fields. International Journal of Intelligent Engineering and Systems, 11(3), 196–204. https://doi.org/10.22266/ijies2018.0630.21, (Scopus).

10. Azhagiri, M., Rajesh, A. A novel approach to measure the quality of cluster and finding intrusions using intrusion unearthing and probability clomp algorithm. Int. j. Inf. Tecnol. 10, 329–337 (2018). https://doi.org/10.1007/s41870-018-0084-5 , (Scopus).

11. Kushal Agarwalla, Shubham Nandan, Varun Anil Nair, M. Azhagiri has Published a Paper Entitled "Controlled Digital Lock Using Arduino" in the Journal of Emerging Technologies and Innovative Research, September 2018, Volume 5, Issue 9 , Pg 362 - 365

12. V.V.S.Haneesh, M.Aravind, M.B.Rajesh, M.Azhagiri has Published a Paper entitled "online noticeboard using android applications", International Journal of Emerging Technologies and Innovative Research, Vol.5, Issue 10, pg.460-463, October-2018

13. Azhagiri, M., & Rajesh, (2016). Integrated Approach for Intrusion Detection Using Conditional Random with Layered Approach, International Journal of Control Theory and Applications, 9(28), 95–100. (Scopus).

14. Azhagiri, M., & Rajesh, (2016), A. A Survey on Intrusion Detection System Using Fuzzy Logic." International Journal of Control Theory and Applications, 9(15,), 7517–7522. (Scopus).

15. Azhagiri, M., & Rajesh, A. (2016). A Concept for Minimizing False Alarms and Security Compromise by Coupled Dynamic Learning of System with Fuzzy Logics. Indian Journal of Science and Technology. (Scopus).

PAPERS PRESENTED IN CONFERENCES

1. M. Azhagiri has presented a paper entitled "Extended Fine-grained Deep Representation Feature Analysis for Text-Independent Speaker verification using Neural Network " in the 7th International Joint Conference on Computing Sciences (ICCS-2023) "KILBY100" held on 5th May, 2023 organized by School of Computer Science and Engineering, LPU in association with Southern Federal University, Russia and Mizan Tepi University, Ethiopia at Lovely Professional University, Punjab, India.

2. M. Azhagiri, Tathagata Sengupta, Suraj Mohanty, Adarsh Kumar, Presented Paper entitled "Automatic Model Blending and Comprehensive Analysis Text Classification using Semantic Interactive Learning Model" IC3SEA 2023: International Conference on Contemporary Challenges in Science and its Engineering, organized by Study World College of Engineering, Coimbatore held on 5-6th May 2023 and Received Best Paper Award.

3. M. Mangaleswaran and M. Azhagiri, "A Comparison of Different Learning Algorithms for Wildlife Detection and Classification in Animal Conservation Applications," 2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS), Coimbatore, India, 2023, pp. 920-923, doi: 10.1109/ICAIS56108.2023.10073833. (Scopus)

4. M.Azhagiri Presented a Paper entitled "Object Detection Caption Generator using Vision Technique" organized by OSIET in Association with Jawahar Engg. College, Chennai, TN in Collaboration with Samarkand State University, Uzbekistan, in the

13th International Conference on Science and Innovative Engineering 2023, held on 14th May 2023.

5. M Azhagiri, Praveen Kumar Murugesan, Daniel Jayseelan V, Akash Rai "An Efficient Nearest Neighbor Search Encrypted Method Over Outsourced Medical Images" 2nd International Conference On Research In Electronics Engineering And Communication Techniques 2nd And 3rd May, 2022, SRM Institute Of Science And Technology, Vadapalani Campus, Jawaharlal Nehru Salai, Chennai – 600026

6. M Azhagiri, Rohith Reddy, Harshavardhan, krishna "A Dynamic, Integrated and Optimized Fine-Grained Model for Air Quality Monitoring System" 2nd International Conference On Research In Electronics Engineering And Communication Techniques 2nd And 3rd May, 2022, SRM Institute Of Science And Technology, Vadapalani Campus, Jawaharlal Nehru Salai, Chennai – 600026

7. M.Azhagiri Presented a Paper entitled "Neural Network Based Hand Written Text Recognition System" in 3rd International Conference on Advanced Scientific Innovation in Science, Engineering, and Technology (ICASISET 2019) Organized by Bharath Institute of Higher Education and Research Chennai, Tamilnadu, India,19th to 23rd April 2019.

8. M. Azhagiri, R. Amrita, R. Aparna, and B. Jashmitha, "Secured Electronic Health Record Management System," 2018 3rd International Conference on Communication and Electronics Systems (ICCES), Coimbatore, India, 2018, pp. 915-919, doi: 10.1109/CESYS.2018.8724010. (Scopus)

9. Pavithra, L., Azhagiri, M. (2017). Enhancing Trust of Cloud Services and Federation of Multi-Cloud Infrastructures for Provisioning Reliable Resources. In: Deiva Sundari, P., Dash, S., Das, S., Panigrahi, B. (eds) Proceedings of 2nd International Conference on Intelligent Computing and Applications. Advances in Intelligent Systems and Computing, vol 467. Springer, Singapore. https://doi.org/10.1007/978-981-10-1645-5_10 (Scopus)

10. Azhagiri M and Rajesh A. (2015) "Intrusion Detection and Prevention System: Technologies And Challenges" in International conference on emerging trends in information and Communication organized by SA Engineering College on 3rd and

4th Dec 2015 and Published in International Journal of Applied Engineering Research, Vol. 10 No.87 (Scopus)

PATENT PUBLICATION

1. Improved Intrusion Detection System Using Genetic Fuzzy Search Feature, Application Number: 202241041384A, Published Date: 29.07.2022

2. CRF Based Intrusion Detection System Using Genetic Search Feature Selection for NSSA, Application Number: 202241028235A, Published Date: 17.06.2022.

3. Smart Intrusion Detection System for Network Security Situational awareness, Application Number: 202241028183A, Published Date: 27.05.2022

CERTIFICATION

- NPTEL: 02 Courses
- Coursera: 05 Courses
- Great Learning: 10 Courses

MEMBERSHIP IN PROFESSIONAL BODIES

- Indian Society for Technical Education (ISTE)
- International Association of Engineers (IAENG)
- International Association of Computer Science and Information Technology
- Institute of Research Engineers and doctors. (IRED)
- Computer Science Teachers Association (CSTA)

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Scopus   https://www.scopus.com/authid/detail.uri?authorId=57191846865

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