EASWARI ENGINEEERING COLLEGE

(An Autonomous Institution)

Bharathi Salai, Ramapuram, Chennai – 6000 095

DEPARTMENT OF CSE (Cyber Security)

ACADEMIC YEAR 2023-2024

WEB OF SCIENCE / SCI / SCOPUS JOURNALS/ SCOPUS CONFERENCES

S.NO	Publication Details
1.	Ananthi, N., Balaji, V., Mohana, M., & Gnanapriya, S. (2024). Smart plant disease net: Adaptive Dense Hybrid Convolution network with attention mechanism for IoT-based plant disease detection by improved optimization approach. Network: Computation in Neural Systems, 1-39
2.	S. Kanaga Suba Raja, Durai. A., Praveenkumar, R., & Balaji, V. (2023). An Intelligent Crop Recommendation System using Deep Learning. International Journal of Intelligent Systems and Applications in Engineering, 11(10s), 423-428
3.	Balaji, V., Kiruthika, S. U., Srivathsan, T., & Surendhar, M. (2024, January). Bike Crash Detection using Internet of Things. In AIP Conference Proceedings (Vol. 2802, No. 1). AIP Publishing. (Scopus) https://doi.org/10.1063/5.0181796
4.	Raman, C. J., Janani, U. & Balaji, V. (2024, January). Machine learning based university admit eligibility predictor. In AIP Conference Proceedings (Vol. 2802, No. 1). AIP Publishing. (Scopus) https://doi.org/10.1063/5.0181764
5.	Dhinakaran, M., Balaji, V., Aarthi, V., & Ambika, S. (2024, February). Advanced Deep Reinforcement Learning Strategies for Enhanced Autonomous Vehicle Navigation Systems. In 2024 2nd International Conference on Computer, Communication and Control (IC4) (pp. 1-4). IEEE
6.	Dhinakaran, M., Sundhari, Balaji, V., & Rajasekaran, R. T. (2024, February). Advanced Machine Learning Techniques for Enhancing Data Security in Cloud Computing Systems. In 2024 IEEE International Conference on Computing, Power and Communication Technologies (IC2PCT) (Vol. 5, pp. 1598-1602). IEEE.
7.	Ambika, S., Balaji, V., Rajasekaran, R. T., Periyasamy, P. N., & Kamal, N. (2024, February). Explore the Impact of Quantum Computing to Enhance Cryptographic Protocols and Network Security Measures. In 2024 IEEE International Conference on Computing, Power and Communication Technologies (IC2PCT) (Vol. 5, pp. 1603-1607). IEEE

ACADEMIC YEAR 2022-2023
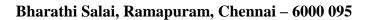
WEB OF SCIENCE / SCI / SCOPUS JOURNALS/ SCOPUS CONFERENCES

S.NO	Publication Details
1.	Balaji, V., S. Raja, and Kanaga Suba. "Recommendation Learning System Model for Children with Autism." Intelligent Automation And Soft Computing 31, no. 2 (2022): 1301-1315.
2.	V.Balaji, Crop Yield Prediction Using Machine Learning Model, International e-Conference Computational Intelligence and Communication Networks, 2023.
3.	V.Balaji,,"FPGA Based Intelligent Irrigation System in Agriculture Crops for Maximum Productivity and Profit". IETE International Conference India (IICI-23).2023
4.	V.Balaji,," Detection and Prohibition of Cyber Bullying using NLP and Sentiment Analysis". IETE International Conference India (IICI-23).2023

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DEPARTMENT OF CSE (Cyber Security)

ACADEMIC YEAR 2021-2022

WEB OF SCIENCE / SCI / SCOPUS JOURNALS/ SCOPUS CONFERENCES

S.No	Publication Details	DOI
1.	Balaji, V., S. Raja, and Kanaga Suba. "Recommendation Learning System Model for Children with Autism." Intelligent Automation And Soft Computing 31, no. 2 (2022): 1301-1315.	https://doi.org/10.32604/iasc.2022.020287
2.	Kumar, R. S., and V. Balaji. "Satellite Image Processing for Water Detection." ECS Transactions 107, no. 1 (2022): 16183.	https://iopscience.iop.org/article/10.1149/10701.16183ecst
3.	S. Kanaga Suba Raja, and V. Balaji. "Sensor based learning device for children with autism." Materials Today: Proceedings 50 (2022): 307-311	https://www.sciencedirect.com/science/article/abs/pii/S2214785321052391?via%3Dihub
4.	Mr. Balaji V, Pranaou S, Padmadev E, Smart Learning Mirror Device For Children With Autism, International E-Conference On Computational Intelligence And Communication Networks, 2022	
5.	Balaji V, Sharini J, Yamin R, Samula Blessie J, Learning Recommendation System Using Speech Emotion Recognition For Asd Children, International E-Conference On Computational Intelligence And Communication Networks, 2022.	

ACADEMIC YEAR 2020-2021

WEB OF SCIENCE / SCI / SCOPUS JOURNALS/ SCOPUS CONFERENCES

S.NO	Publication Details
1.	V. Balaji; S. Kanaga Suba Raja, Real Time Object Detector For Visually Impaired Using Open, European Journal of Molecular & Clinical Medicine
2.	Kanaga Suba Raja. S; V. Balaji; Prediction Of Deaths Caused By Covid-19 Using Machine Learning, European Journal of Molecular & Clinical Medicine
3.	S.Kanagasubaraja, V.Balaji, Array Of Things - IoT Based Smart City Technology In Public Way, Journal Of Critical Review
4.	Kiruthika, Usha, S. Kanaga Suba Raja, C. J. Raman, and V. Balaji. "A novel fraud detection scheme for credit card usage employing random forest algorithm combined with feedback mechanism." In 2020 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), pp. 1-6. IEEE, 2020.
5.	Kiruthika, Usha, S. Kanaga Suba Raja, V. Balaji, and C. J. Raman. "E-agriculture for direct marketing of food crops using chatbots." In 2020 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), pp. 1-4. IEEE, 2020.
6.	V.Balaji, T.Srivathsan, M.Surendhar, Bike crash detection (BCD) using IOT, 2nd-International Conference On Information, Communication And Networking, 2021
7.	Mr. V. Balaji, Learning Recommendation System For Aseprger Syndrome, 2nd-International Conference On Information, Communication And Networking, 2021

ACADEMIC YEAR 2019-2020

WEB OF SCIENCE / SCI / SCOPUS JOURNALS/ SCOPUS CONFERENCES

S.NO	Publication Details
1.	S. Kanaga Suba Raja, V. Balaji, S. S. L. Durai Arumugam, Detection of Tuberculosis in Chest X-rays using U-Net Architecture, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-,1ISSN: 2278-3075, 2019.
2.	Balaji, V., S. Kanaga Suba Raja, S. Aparna, J. Haritha, and M. Lakshmi Kanya. "Smart Assistance for Asperger Syndrome using Raspberry Pi." Int. J. Innov. Technol. Explor. Eng 91 (2019): 2681-2683.
3.	V. Balaji, S. Kanaga Suba Raja S. Aparna, J. Haritha, M. Lakshmi Kanya, Smart Assistance for As per ger Syndrome using Raspberry Pi, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-1, DOI: 10.35940/ijitee.A4835.119119, November 2019
4.	Balaji V, Real Time Object Detector Using Open Computer Vision, International E - Conference on "Information, Communication and Networking" EICICN – 2020
5.	Balaji V, Vijay R, Array Of Things - IoT Based Smart City Technology In Public Way, International E - Conference on "Information, Communication and Networking" EICICN - 2020