

Dr. SRINIVAS KONDA
LIST OF PUBLICATIONS

RESEARCH PROFILE ID'S

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INTERNATIONAL JOURNALS

PUBLISHED

1. Balmuri, Kavitha Rani, Srinivas Konda, Kishore Kumar Mamidala, Madhukar G, Swaroopa Rani B "Automated and reliable detection of multi-diseases on chest X-ray images using optimized ensemble transfer learning." Expert Systems with Applications 246 (2024): 122810 (**SCI**)
2. Rao, KBV Brahma, et al. "A novel pulmonary emphysema detection using Seg-ResUnet-based abnormality segmentation and enhanced heuristic algorithm-aided deep learning." Expert Systems with Applications 268 (2025): 126250.
3. Paramasivam, R., Patil, S. N., Konda, S., & Hemalatha, K. L. (2024). "Lung cancer computed tomography image classification using Attention based Capsule Network with dispersed dynamic routing". Expert Systems, e13607. <https://doi.org/10.1111/exsy.13607> (**SCIE**)
4. Balmuri, Kavitha Rani, Srinivas Konda, Kishore Kumar Mamidia, G. Madhukar, Swaroopa M, "Automated and reliable detection of multi-diseases on chest X-ray images using optimized ensemble transfer learning." Expert Systems with Applications, 246 (2024): 122810. (**SCIE**)
5. Munawar, Shaik, A. Geetha, and K. Srinivas. "Enhanced Arrhythmia Classification System from ECG Signals via Hybrid Optimization-Based Improved 3DCNN-RESNET." , Indian Journal of Computer Science and Engineering (IJCSE)(2023), ISSN : 2231-3850.
6. Anusha, Yamijala, Visalakshi, R., and Srinivas, Konda. 'Imbalanced Data Classification Using Improved Synthetic Minority Over-sampling Technique'. 1 Jan. 2023 :117– 131 (**SCOPUS**)
7. Munawar, Shaik, Geetha Angappan, and Srinivas Konda. "Arrhythmia Classification Based on Bi Directional Long Short-Term Memory and Multi-Task Group Method." International Journal of e-Collaboration (IJeC) 19.1 (2023): 1-18 (**SCOPUS**)
8. Patil, S., Balmuri, K. R., Frnda, J., BD, P., Konda, S., & Nedoma, J. "Identification of Triple Negative Breast Cancer Genes Using Rough Set Based Feature Selection Algorithm & Ensemble Classifier", ,Human-centric Computing and Information Sciences (HCIS),ISSN: 2192-1962, DOI: 10.22967/HCIS.2022.12.054,vol.12, issue-54, pp:1-14 (**SCIE**)
9. Shaik Munawar, A.Geetha, K.Srinivas, "Squirrel Search-based Optimal Feature Extraction with Bi-LSTM for the Arrhythmia Classification using ECG "Journal of Theoretical and Applied Information Technology E-ISSN 1817-3195 / ISSN 1992-8645, Vol.100. No 20, pp: 6161-6172 (**SCOPUS**)
10. Natesan, G.; Konda, S.; de Prado, R.P.;Wozniak, M. A Hybrid Mayfly-Aquila Optimization Algorithm Based Energy-Efficient Clustering Routing Protocol for Wireless Sensor Networks. Sensors 2022, 22, 6405. <https://doi.org/10.3390/s22176405> (**SCIE**)
11. Kavitha Rani Balmuri, Varaprasad Rao M, Raj Kumar Patra, Srinivas Konda, Madhukar G, "Vehicle Type Classification using Graph Ant Colony Optimizer based Stack Autoencoder

Model“, Multimedia Tools and Applications <https://doi.org/10.1007/s11042-021-11508-5> (SCIE)

12. Balmuri, K.R.; Konda, S.; Lai, W.-C.; Divakarachari, P.B.; Gowda, K.M.V.; Kivudujogappa Lingappa, H. A Long Short-Term Memory Network-Based Radio Resource Management for 5G Network. *Future Internet* 2022, 14, 184. <https://doi.org/10.3390/fi14060184> (SCIE)
13. Kumar, T.M.; Balmuri, K.R.; Marchewka, A.; Bidare Divakarachari, P.; Konda, S. Implementation of Speed-Efficient Key-Scheduling Process of AES for Secure Storage and Transmission of Data. *Sensors* 2021, 21, 8347. <https://doi.org/10.3390/s21248347> (SCIE)
14. RamaRaju, Venkateswarla, Anji Reddy Dabbeta, Narsimha G, Srinivas Konda, Kavitha Rani Balmuri, "Adaptive Closed-Loop Deep Brain Stimulator Coding Techniques for Target Detections in Parkinson's." *IETE Journal of Research*(2021):1-16 (SCIE)
15. Vadivel, Sharmila, et al. "Dynamic Route Discovery Using Modified Grasshopper Optimization Algorithm in Wireless Ad-Hoc Visible Light Communication Network." *Electronics* 10.10 (2021):1176 (SCIE)
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21. K. Srinivas, B. Kavitha Rani, M, Varaprasada Rao, Rajkumar Patra. G. Madhukar, "Prediction of Heart Disease Using Hybrid Linear Regression". *European Journal of Molecular & Clinical Medicine*, ISSN 2515-8260 Volume 07, Issue 05, 2020
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24. Venkateswarla Rama Raju, Srinivas Konda, Kavitha Rani Balmuri, Anvesh Balabhadra, "Induced micro lesion effect on cardinal motor features of Parkinson's: A study with iMER signals of subthalamic-nuclei deep brain stimulations (Electrode-Implantation) by DBS", *IP Indian Journal of Neurosciences*, Volume: 6, Issue: 3, Year: 2020 Article Page: 220-225
25. Venkateswarla Rama Raju, Y Harishankar Reddy, Nagaraju Krishna Chythanya, Srinivas Konda, Kavitha Rani Balmuri, "A study of novel molecules for parkinson's disease treatment

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 32. K. Srinivas, B. Kavitha Rani and Madhukar G, “Protected and Flexible Multi- Keyword Score Search model over Encoded Cloud Data”, International Journal of Innovative Technology and Exploring Engineering, (IJITEE), ISSN: 2278-3075, Volume-8 Issue-5 March,2019 (**SCOPUS**).
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 38. B.venkata Naga Sai,.M. Varaprasad Rao, .K. Srujan Raju, .K.Srinivas, “Design and implementation of security for mobile cloud storage as a service using mapreduce systems”,

39. Srinivas Konda, Kavitha Rani Balmuri, Ramasubba Reddy Basireddy, Ravindar Mogili, "Hybrid Approach for Prediction of Cardiovascular Disease Using Class Association Rules and MLP", International Journal of Electrical and Computer Engineering (IJECE), August 2016, ISSN: 2088-8708 (SCOPUS) (Citation-5).
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55. K.Srinivas, B.Kavihta Rani and A.Govardhan, "Applications of Data Mining Techniques in Healthcare and Prediction of Heart Attacks", (IJCSE) International Journal on Computer Science and Engineering,, ISSN: 2347-2693, Vol. 02, No. 02, (2010), pp. 250- 255.(UGC CARE) (Citations-551(Google Scholar))

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1. A. H. Shnain, K. Srinivas, S. S. Kumar, A. Badhouthiya, G. Y. Vybhavi and G. Rajaram, "Artificial Intelligence Techniques for Real-Time Detection and Prevention of Counterfeit Products," *2024 International Conference on IoT, Communication and Automation Technology (ICICAT)*, Gorakhpur, India, 2024, pp. 1156-1160, doi: 10.1109/ICICAT62666.2024.10923490.
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BOOK CHAPTERS

1. Chandra Sekhar Reddy, B. Sree Saranya, K. Srinivas, P. Deekshith Chary, Employing RSA based encryption by demonstrating a faster secured data system using Hadoop distributed file system, 1st Edition, Applications of Mathematics in Science and Technology, CRC Press, eBook, ISBN978100360665
2. Raj Kumar Patra, Srinivas Konda, M Varaprasad Rao, Kavitarani Balmuri, Madhukar G, "*Predictive Model and Theory of Interaction* ", The Cognitive Behavior and Human Computer Interaction Based on Machine Learning(Chapter 9), Scrivener Publishing, 2022, ISBN: 9781119791607
3. Raj Kumar Patra, M Varaprasad Rao, Kavitarani Balmuri, Srinivas Konda, Manoj Kumar Chande, "High Performance Computing and Fault Tolerance Technique Implementation in Cloud Computing, Green Computing and its Applications(Chapter 10), 2021
4. Srinivas Konda, Kavita Rani Balmuri, and Kishore Kumar Mamidala, *Classification and Mining of Behavioral Data*, Data Mining and Machine Learning Applications, Wiley, 2022, ISBN 1119791782, 9781119791782

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1. Formal Languages & Automata Theory, Winkley Publishers, 1st Edition (March 14, 2019),
2. New Approach Using Machine Learning Techniques for Rainfall Prediction, Lap Lambert Academic Publishing, ISBN:978-673-9-44944-6
3. Approach for Prediction of Heart Disease Using Rough Fuzzy Classifier, Lap Lambert Academic Publishing, ISBN:978-673-9-45625-3
4. Recommendation systems for E-Commerce products based on faceted search, Lap Lambert Academic Publishing, ISBN:978-673-9-46411-1