Dr. V. S. SHANKAR SRIRAM
Associate Dean, Department of Computer Science and Engineering, SASTRA Deemed To Be University, Thanjavur -613 401, Thanjavur, Tamilnadu. Mobile: (+91) 8903525611

LIST OF PUBLICATIONS

International Journal Publication:

1. Anila Glory H, Vigneswaran C, Sujeet S Jagtap, Shruthi R, Hariharan G, ***Shankar Sriram V S****, *"AHW-BGOA-DNN: A novel Deep Learning model for Epileptic Seizure Detection",* **Neural Computing and Applications,** DOI: 10.1007/s00521-020-05384-7, **2020; SCI – E and Scopus (IF:4.774).**
2. Meena V., Obulaporam Gireesha, Kannan Krithivasan, ***Shankar Sriram V S*,*** "*Fuzzy Simplified Swarm Optimization for Multisite Computational Offloading in Mobile Cloud Computing*", **Journal of Intelligent & Fuzzy Systems,** DOI: 10.3233/JIFS-189148, pp 1-13, **2020; SCI – E and Scopus (IF:1.851).**
3. Saikishor Jangiti, ***Shankar Sriram V S****, "*EMC2: Energy-efficient and Multi-resource-fairness virtual machine Consolidation in Cloud data centers*", **Sustainable Computing, Informatics and Systems,** Vol.27(100414), pp 1-8, DOI: https://doi.org/10.1016/j.suscom.2020.100414 **2020; SCI – E and Scopus (IF:2.798).**
4. S. Kamakshi, ***V. S. Shankar Sriram****, "*Modularity based mobility aware community detection algorithm for broadcast storm mitigation in VANETs*", **Ad Hoc Networks,** DOI: https://doi.org/10.1016/j.adhoc.2020.102161**, 2020; SCI – E and Scopus (IF:3.643).**
5. Priyanga S, Kannan Krithivasan, Pravinraj S, ***Shankar Sriram V S*,*** *"Detection of Cyberattacks in Industrial Control systems using Enhanced Principal Component Analysis and Hypergraph based Convolution Neural Network (EPCA-HG-CNN)",* **IEEE Transactions on Industry Applications**, DOI:https://doi.org/10.1109/TIA.2020.2977872, **2020; SCI – E and Scopus (IF:3.488).**
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7. Obulaporam Gireesha, Nivethitha Somu, Kannan Krithivasan, ***Shankar Sriram V S*,****"IIVIFS-WASPAS: An Integrated Multi-Criteria Decision-Making Perspective for Cloud Service Provider Selection"* **Future Generation Computer Systems,** Vol. 103, pp. 91-110 DOI: https://doi.org/10.1016/j.future.2019.09.053, **2020; SCI – E and Scopus (IF:6.125).**
8. Nivethitha Somu, Gauthama Raman M.R,Akshya Kaveri, Akshay Rahul K, Kannan Krithivasan, ***Shankar Sriram V S*, "****IBGSS: An Improved Binary Gravitational Search Algorithm based search strategy for QoS and ranking prediction in cloud environments",* **Applied Soft Computing,** Vol.88, pp.1-20, DOI:https://doi.org/10.1016/j.asoc, **2019; SCI – E and Scopus (IF:5.472).**
9. Anila Glory H., Vigneswaran C., ***Shankar Sriram V S****, "*Identification of suitable Basis Wavelet Function for Epileptic Seizure Detection using EEG signals",* **First International Conference on Sustainable Technologies for Computational Intelligence, AISC,** Vol.1045, pp 607-621 DOI: https://doi.org/10.1007/978-981-15-0029-9_48, **2019; Scopus and DBLP.**
10. M. R. Gauthama Raman, Nivethitha Somu, Sahruday Jagarapu, Tina Manghnani, Thirumaran Selvam, Kannan Krithivasan, ***Shankar Sriram V S*,****" An Efficient Intrusion Detection Technique based on Support Vector Machine and Improved Binary Gravitational Search Algorithm",* **Artificial Intelligence Review**, pp. 1-32, DOI:https://doi.org/10.1007/s10462-019-09762-z, **2019; SCI – E and Scopus (IF:5.747).**

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13. Chaithanya P.S., Priyanga, S., Pravinraj S, ***Shankar Sriram V S****,"* SSO-IF: An Outlier Detection Approach for Intrusion Detection in SCADA Systems", **Inventive Communication and Computational Technologies, LNNS,** ,DOI:https://doi.org/10.1007/978-981-15-0146-3_89**,pp.921-9292019; Scopus.**
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15. N. Neha, M. R. Gauthama Raman, Nivethitha Somu, R. Senthilnathan, ***Shankar Sriram V S****, An Improved Feedforward Neural Network Using Salp Swarm Optimization Technique for the Design of Intrusion Detection System For Computer Network,* **Computational Intelligence in Pattern Recognition, AISC,**DOI:10.1007/978-981-13-9042-5_74, pp. 867-875, **2019; Scopus and DBLP.**
16. P. S. Chaithanya, M. R. Gauthama Raman, S. Nivethitha, K. S. Seshan, ***Shankar Sriram V S*,"****An Efficient Intrusion Detection Approach Using Enhanced Random Forest and Moth-Flame Optimization Technique",* **Computational Intelligence in Pattern Recognition, AISC,** pp. 877-884, DOI: https://doi.org/10.1007/978-981-13-9042-5 **2019; Scopus and DBLP.**
17. Gireesha, O., Somu, N., Raman, M.R.G., Reddy, M.S., Kirthivasan, K., ***Shankar Sriram V S*,*** *"WNN-EDAS: A Wavelet Neural Network Based Multi-criteria Decision-Making Approach for Cloud Service Selection",* **Computational Intelligence in Pattern Recognition, AISC,** pp. 853-865, DOI: https://doi.org/10.1007/978-981-13-9042-5_73 **2019; Scopus and DBLP.**
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19. Priyanga S., Gauthama Raman M.R., Sujeet S. Jagtap, Aswin N., Kannan Kirthivasan, ***Shankar Sriram V.S.*,****"An Improved Rough Set Theory based feature Selection Approach for Intrusion Detection in SCADA Systems",* **Journal of Intelligent & Fuzzy systems** (Special Issue on Intelligent, Smart and Scalable Cyber-Physical Systems)**,** DOI: 10.3233/JIFS-169960; ISSN online:1875-8967; Vol.36(5), pp.3993-4003, **2019; SCI – E and Scopus (IF:1.851).**
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23. Jangiti, S.*, Sri Ram, E., ***Shankar Sriram, V.S***., **"***Aggregated rank in first-fit-decreasing for green cloud computing***", Advances in Intelligent Systems and Computing,** DOI:10.1007/978-981-13-0617-4_53; ISSN: 2194-5357; Vol. 768, pp.545, **2019; Scopus and DBLP.**
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