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RESEARCH INTERESTS

- ✓ Data Mining

Academic Qualifications

- ✓ Ph. D. (Computer Science), Fakir Mohan University, India
- ✓ M. Tech. (Computer Science) Utkal University, India

Teaching Experience/ Industrial Experience/Research Experience

- ✓ Teaching Expérience : 16 years

PUBLICATIONS

JOURNAL & CONFERENCES

1. **C. S. K. Dash**, A. K. Behera, S. Dehuri, and S-B. Cho, "Differential Evolution Based Optimization of Kernel Paramètres in Radial Basis Function Networks for Classification", International Journal Applied Evolutionary Computing, vol.4, issue-1, pp.56-80, 2013.
2. **C. S. K. Dash**, A. K. Behera, S. Dehuri, and S-B. Cho, "A Novel Radial Basis Function Networks Locally Tuned with Differential Evolution for Classification: An Application in Medical Science", International Journal of Systems Biology and Biomedical Technologies (IJSBBT), vol.2, no.2, pp.33-57, 2013.
3. **C.S. K. Dash**, A.P. , Dash, S. Dehuri, and , S-B. Cho, "Feature Selection for Designing a Novel Differential Evolution Trained Radial

- Basis Function Network for Classification", International Journal of Applied Metaheuristic Computing, vol.4, issue-1, pp.32-49, 2013.
4. **C.S. K. Dash**, A. P. Dash, S. Dehuri, and S-B. Cho, G_N. Wang, "DE+RBFNs Based Classification: A Special Attention to Removal of Inconsistency and Irrelevant Features", Engineering Applications of Artificial Intelligence, vol.26, pp. 2315-2326, November 2013.
 5. **C.S.K Dash**, S. Dehuri, SB Cho, GN Wang, "Towards Crafting a Smooth and rate Functional Link Artificial Neural Networks Based on Differential Evolution and Feature Selection for Noisy Database", International Journal of Computational Intelligence Systems 8 (3),pp.539-552, 2015.
 6. **C.S.K Dash**, A.K. Behera, S Dehuri, S-B Cho, GN Wang, "Towards Crafting an Improved Functional Link Artificial Neural Network Based on Differential Evolution and Feature Selection", Informatica 39 (2),pp.195-208,2015.
 7. **C.S.K Dash**, P. Sahoo, S Dehuri, S-B Cho, "An Empirical Analysis of Evolved Radial Basis Function Networks and Support Vector Machines with Mixtureof Kernels". International Journal on Artificial Intelligence Tools, 24(4), 2015.
 8. **C.S.K Dash**, A.K. Behera, S Dehuri, S-B Cho, "Radial Basis Function Neural Networks: A Topical State-of-the-Art Survey".Open Computer Science, 6(1), 33-63,2016.
 9. **C.S.K Dash**, A. Saran, P.Sahoo, S.n.Dehuri, S-B Cho 'Design of Self-Adaptive and Equilibrium DE Optimized for Imputed Database'. Pattern Recognition Letters, 80(1), 76-83,2016.
 10. **C.S.K. Dash**, M.K. Pandia and S. Dehuri, "Application of Radial BasisNeural Networks on Web Logs ", The IUP Journal of Information Technology, 8(3),53-63, 2012.
 11. A.K. Behera, **C.S.K. Dash**, and S. Dehuri, "A Brief Review of Accuracy of Classifiers Based on Radial Basis Function Neural Networks", The IUP Journal of Computer Science, 7(2). 7-24, 2013.
 12. **C. S. K. Dash**, M.K. Pandia, A.K. Behera, and S. Dehuri, "Neural Networks Training Based on Differential Evolution in Radial Basis Function Networks for Classification of Web Logs", International Conference on Distributed Computing and Internet Technology (ICDCIT 2013), Springer LNCS, vol.7793, pp.183-194, Bhubaneswar, India,2013.
 13. **C. S. K. Dash**, M.K. Pandia, S. Dehuri, and S-B. Cho, "Mixture Kernel Radial Basis Functions Neural Networks for Web Log Classification", Frontiers in Intelligent Computing Theory and Applications (FICTA,2012), Springer AISC, vol.199, pp.1-9, Bhubaneswar, India ,2013.
 14. P. Sahoo, A. K. Behera, M. K. Pandia, **C. S. K. Dash** and S. Dehuri, "On the Study of GRBF and Polynomial Kernel Based Support Vector Machine in Web Logs", 1st International Conference on Emerging Trends and Applications in Computer

- Science (ICETACS),IEEE, pp.1-5, Meghalaya, India, 2013,ISBN 978-1-4673-5250-5.
15. A.K. Behera, **C. S. K. Dash** and S. Dehuri, "Classification of Web Logs Using Hybrid Functional Link Artificial Neural Networks ",Proceedings of the 3rd International Conference on Frontiers of Intelligent Computing theory and Applications(FICTA)2014 Advances in Intelligent Systems and Computing ,327, ,255-263, Bhubaneswar, India,2014.
 16. A.K. Behera, S.C. Nayak, **C. S. K. Dash**, S.Dehuri, & M. Panda,"Improving Software Reliability Prediction Accuracy Using CRO-Based FLANN". In Innovations in Computer Science and Engineering pp. 213-220 ,2019.
 17. **C. S. K. Dash**, A. K. Behera , S. C. Nayak, S.Dehuri & S. B. Cho. "An Integrated CRO and FLANN Based Classifier for a Non-Imputed and Inconsistent Dataset" .International Journal on Artificial Intelligence Tools, 28(03), 1950013, 2019.
 18. S. C. Nayak, **C. S. K. Dash**, A. K. Behera, & S. Dehuri. "Improving Stock Market Prediction Through Linear Combiners of Predictive Models". In Computational Intelligence in Data Mining Springer, Singapore, pp. 415-426. 2020.
 19. S. C. Nayak, **C. S. K. Dash**, B. B. Mishra, & S. Dehuri. "Multi-Verse Optimization of Multilayer Perceptrons (MV-MLPs) for Efficient Modeling and Forecasting of Crude Oil Prices Data". In International Conference on Biologically Inspired Techniques in Many-Criteria Decision Making , Springer Cham. pp. 46-54, 2019.
 20. **C. S. K. Dash**, A. K. Behera, S. Dehuri & S. B. Cho. "Building a Novel Classifier Based on Teaching Learning Based Optimization and Radial Basis Function Neural Networks for Non-Imputed Database With Irrelevant Features". Applied Computing and Informatics, 2020.
 21. C. Maharana, B. B. Mishra, & **C. S. K. Dash**. "A Topical Survey: Applications of Machine Learning in Medical Issues". Journal of Computational and Theoretical Nanoscience, 17(11), 5010-5019, 2020.
 22. **C. S. K. Dash**, A. K. Behera, S. C. Nayak, S. Dehuri, "QORA-ANN: Quasi Opposition Based Rao Algorithm and Artificial Neural Network for Cryptocurrency Prediction", In proc: 6th International Conference for Convergence in Technology (I2CT), IEEE, pp. 1-5, 2021.
 23. A. K. Behera, **C. S. K. Dash**, M. Panda, S. Dehuri and R. Mall, "A state-of-the-art neuro-swarm approach for prediction of software reliability", International Journal of Advanced Intelligence Paradigms, Vol. 20, No. 3-4, pp. 296-322, 2021.

BOOK CHAPTER

24. **C. S. K. Dash**, A. K. Behera, & S.C.Nayak. DE-Based RBFNs for Classification With Special Attention to Noise Removal and Irrelevant Features. Handbook of Research on Modeling, Analysis, and Application of Nature-Inspired Metaheuristic Algorithms, 218, IGI Global, 2017.
25. **C. S. K. Dash**, A. K. Behera, S. C. Nayak, "Online Clinic Appointment System Using Support Vector Machine", Cognitive Computing Using Green Technologies, CRC press, Chapter.14, pages. 13, 2021.
26. **C. S. K. Dash**, A. K. Behera, S. C. Nayak, S. Dehuri, "Usage of Convolutional Neural Networks in Real-Time Facial Emotion Detection", Cognitive Computing Using Green Technologies, CRC press, Chapter.16, pages. 15, 2021.
27. S. C. Nayak, S. K. Nayak, S. K. Panda, **C. S. K. Dash**, "Cognitive Intelligence-Based Framework for Financial Forecasting", Cognitive Computing Using Green Technologies, CRC press, Chapter.12, pages. 18, 2021.