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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

- ✓ 19+ years

PUBLICATIONS

JOURNAL ARTICLES & CONFERENCE PAPERS

- [1]. 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.
- [2]. C. S. K Dash, A. K. Behera, S. Dehuri & A Ghosh, "An outliers detection and elimination," framework in classification task of data mining. *Decision Analytics Journal*, 6, 100164, 2023.
- [3]. 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: Proceedings of the Fifth ICICSE 2017* (pp. 213-220), Springer Singapore, 2019.
- [4]. C. S. K Dash, A. Saran, P. Sahoo, S. Dehuri, & S. B. Cho, "Design of self-adaptive and equilibrium differential evolution optimized radial basis function neural network classifier for imputed database", *Pattern Recognition Letters*, 80, 76-83, 2016.

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- [10]. C. S. K Dash, A. K. Behera, M. K. Pandia & S. Dehuri, "Neural networks training based on differential evolution in radial basis function networks for classification of web logs," In *Distributed Computing and Internet Technology: 9th International Conference, ICDCIT 2013, Bhubaneswar, India, February 5-8, 2013. Proceedings 9* (pp. 183-194). Springer Berlin Heidelberg, 2013.
- [11]. C. S. K. Dash, A. P. Dash, S. Dehuri & S. B. Cho, "Feature selection for designing a novel differential evolution trained radial basis function network for classification," *International Journal of Applied Metaheuristic Computing (IJAMC)*, 4(1), 32-49, (2013)..
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- [13]. 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.
- [14]. 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 mixture of kernels," *International Journal on Artificial Intelligence Tools*, 24(4), 1550013, 2015.
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- [22]. 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: Proceedings of the International Conference on ICCIDM 2018* (pp. 415-426). Springer Singapore, 2020.
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- [26]. C. S. K Dash, A. K Behera, S. C Nayak, S. Dehuri & J. P. Mohanty, "Estimation of Air Quality Index of Brajaraj Nagar and

TalcherIndustrialRegion of Odisha State: A HigherOrder Neural Network Approach, "In 2022 OITS,International Conference on Information Technology (OCIT) (pp. 176-180). IEEE, 2022.

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ANY OTHER

Book Chapter

- [1] C. S. K Dash, A. K Behera, & S. C. Nayak, "Online Clinic Appointment System Using Support Vector Machine,"*Cognitive Computing Using Green Technologies: Modeling Techniques and Applications*, 239,2021.
- [2] C. S. K. Dash, A. K. Behera, S.C. Nayak & S. Dehuri. "Usage ofconvolutional neural networks in real-time facial emotion detection," *Cognitive Computing Using Green Technologies: Modeling Techniques and Applications*, 2021.
- [3] C. S. K. Dash, A. K. Behera & S. C. Nayak, "DE-Based RBFNs for Classification With Special Attention to Noise Removal and Irrelevant Features. In *Handbook of Research on Modeling, " Analysis, and Application of Nature-Inspired Metaheuristic Algorithms* (pp. 218-243). IGI Global, 2018.