




K. S. INSTITUTE OF TECHNOLOGY

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Faculty Name	Amulyashree S	
Designation	Assistant Professor	
Educational Qualification	M.Tech, Ph.D.	
Experience in Years	1.6 Years	
Areas of Interest	Data Science, Machine Learning, Bioinformatics	
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Educational Details

Examination/ Degree	College / University	Year of Passing
Ph. D	RV College of Engineering, VTU	2022
M.Tech	PES Institute of Technology, VTU	2014
B. E	The Oxford College of Engineering, VTU	2012

Publications

Journal Publications:

1. Amulyashree Sridhar, Sharvani GS, AH Manjunatha Reddy, Biplab Bhattacharjee, Kalyan Nagaraj, 2019. The Eminence of Co-Expressed Ties in Schizophrenia Network Communities, Data, Vol. 4, No. 4, pp. 1-23.
2. Amulyashree Sridhar, Sharvani GS, AH Manjunatha Reddy, Kalyan Nagaraj, 2020. Envisaging prominence of Indian Telecom Operators using an ensemble link based approach, Indian Journal of Computer Science and Engineering, Vol. 11, No. 3, pp. 297-310.
3. Amulyashree Sridhar, Sharvani GS, AH Manjunatha Reddy, Kalyan Nagaraj, 2019. BioSocioLink: A Decision Support System for Analyzing Link Properties in Biological and Social Networks, Vol. 9, No. 1, pp. 6062-6066.
4. Kalyan Nagaraj, Sharvani GS, Amulyashree Sridhar, 2019. Encrypting and Preserving Sensitive Attributes in Customer Churn Data Using Novel Dragonfly Based Pseudonymizer Approach. Information. Vol. 10, No. 9, pp. 1-21.
5. Kalyan Nagaraj, Biplab Bhattacharjee, Amulyashree Sridhar, GS Sharvani, 2018. Detection of phishing websites using a novel two fold ensemble model. Journal of Systems and Information Technology, Journal of Systems and Information Technology, Vol. 20, No. 3, pp. 321-357.

6. Kalyan Nagaraj, GS Sharvani, Amulyashree Sridhar, 2018. Emerging trend of big data analytics in bioinformatics: a literature review. International Journal of Bioinformatics Research and Applications. Vol. 14, No. 1-2, pp. 144-205.
7. Biplab Bhattacharjee, Amulyashree Sridhar, Muhammad Shafi, 2017. An artificial neural network-based ensemble model for credit risk assessment and deployment as a graphical user interface. International Journal of Data Mining, Modelling and Management. Vol. 9, No. 2, pp. 122-141.
8. Biplab Bhattacharjee, Amulyashree Sridhar, Anirban Dutta, 2017. Identifying the causal relationship between social media content of a Bollywood movie and its box-office success-a text mining approach. International Journal of Business Information Systems. Vol. 24, No. 3, pp. 344-368.
9. Kalyan Nagaraj, Amulyashree Sridhar 2015. A Predictive System for Detection of Bankruptcy Using Machine Learning Techniques. International Journal of Data Mining and Knowledge Management Process. Vol. 5, No. 1, pp. 29-40.
10. Kalyan Nagaraj, Amulyashree Sridhar 2014. NeuroSVM: A graphical user interface for detection of Liver Patients. International Journal of Computer Science and Information Technologies. Vol. 5, No. 6, pp. 8280-8284.
11. Amulyashree Sridhar, Sadegh Saremy, Biplab Bhattacharjee 2014. Elucidation of molecular targets of bioactive principles of black cumin relevant to its anti-tumour functionality-An Insilico target fishing approach. Bioinformation. Vol. 10, No. 11, pp. 864-688.

Conference Papers :

1. Kalyan Nagaraj, Amulyashree Sridhar, GS Sharvani, 2017. Identification of Network Communities and Assessment of Privacy Using Hybrid Algorithm, 2017 2nd International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), pp. 1-5.

Awards

1. UGC NET Qualified in Computer Science & Applications
2. KSET Qualified in Computer Science & Applications
3. NPTEL-Elite Awardee in Computer Science and Engineering

Professional Membership

NIL

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