

2019

Journals

1. Amit Prakash, Sujan Kumar Saha, "A Study on Use of the Web for Automatic Answering of Remedy Finding Questions of Common Users", *Technology and Health Care*, IOS Press, Vol. 27, No. 1, pp. 23-35, 2019, ISSN: 0928-7329.
2. Dhawaleswar Rao CH, Sujan Kumar Saha, "A Computer Assisted Learning Platform for Efficient Biology Learning of Secondary School Level Students", *Journal of Educational Computing Research.*, Volume 57, Number 7, Pages 1671-1694, 2019, ISSN: 0735-6331, <https://doi.org/10.1177/0735633119854031>.
3. Sujan Kumar Saha and Dhawaleswar Rao CH, "Development of a Practical System for Computerized Evaluation of Descriptive Answers of Middle School Level Students", *Interactive Learning Environments*, Taylor & Francis. Online published, 2019, Print ISSN: 1049-4820 Online ISSN: 1744-5191, DOI: 10.1080/10494820.2019.1651743.
4. I. Snigdha, N. Gupta, "Enhancing Reliability by Adoptive Graph traversals for Backbone assisted Communication in Wireless Sensor Networks", *International Journal of Sensor Networks*, 30(1), pp. 13-23, 2019.
5. Priyanka Srivastava, K.S.Patnaik, "Valuation of Facial Images likeness under different posture", *International journal of sensor networks*, Inderscience (in press), 2019, <https://doi.org/10.1007/s00542-019-04441-z>.
6. R.Mukherjee, K.S Patnaik, "Prioritizing JUnit Test Cases Without Coverage Information: An Optimization Heuristics Based Approach", *IEEE Access*, SCIE/Scopus, Vol.9, pp-, 2019, Digital Object Identifier: 78092-78107, 2019, doi:10.1109/ACCESS.2019.2922387.
7. Srivastava, S. & Sahana, S.K, "A survey on traffic optimization problem using biologically inspired techniques", *Natural Computing* (2019), Vol-16, No-67, pp1-15, 2019, ISSN:1567-7818 .
8. Bharat Bhushan, G. Sahoo, " E2SR2: An Acknowledgement Based Mobile Sink Routing Protocol with rechargeable Sensor for Wireless Sensor Network", *Journal of Wireless Networks*, 25(5), 2697-2721, Jul-19, 1022-0038, 10.1007/s11276-019-01988-7.
9. Shamama Anwar and Solleti Meghana, "A pixel permutation based image encryption technique using chaotic map", *Multimedia and Tools Application: An International Journal*, Springer, Vol. 67, No. 3, pp. 1 – 22, 2019, Print ISSN1380-7501, Online ISSN1573-7721. doi: <https://doi.org/10.1007/s11042-019-07852-2>.
10. B.K. sarkar and S.S. sana, "An e-healthcare system for disease prediction using hybrid data mining technique", *Journal of Modelling in Management* (Emerald Publishing

Limited), Vol. - 14, Issue - 3, pp. 628-661, 2019, ISSN: 1746-5664, <https://doi.org/10.1108/JM2-05-2018-0069>.

11. Pratibha Jha, Bhaskar Karn, "Knowledge Managements' Relevance in Supply Chain Management Process of Indian E- Commerce Companies", International Journal of Recent Technology and Engineering (IJRTE), Vol. -8 , Issue 3, Pp.1797 -1805, Sep-19, ISSN: 2277-3878.
12. Rakesh Patra, Sujan Kumar Saha, "A Novel Word Clustering and Cluster Merging Technique for Named Entity Recognition.", Journal of Intelligent Systems, Vol. 28, Issue 1, pages 15-30, 2019 , ISSN: 2191-026X.
13. Rakesh Patra, Sujan Kumar Saha, "A Hybrid Approach for Automatic Generation of Named Entity Distractors for Multiple Choice Questions", Education and Information Technologies, Springer, Volume 24, Issue 2, pp 973–993, 2019, ISSN: 1360-2357, doi: 10.1007/s10639-018-9814-3.
14. Dhawaleswar Rao CH, Sujan Kumar Saha, "RemedialTutor: A Blended Learning Platform for Weak Students and Study its Efficiency in Social Science Learning of Middle School Students in India", Education and Information Technologies, Springer, Volume 24, Issue 3, pp 1925–1941, 2019, ISSN: 1360-2357, doi: 10.1007/s10639-018-9813-4
15. Sujan Kumar Saha, Amit Prakash, Mukta Majumder. "Similar Query was Answered Earlier": Processing of Patient Authored Text for Retrieving Relevant Contents from Health Discussion Forum. Health Information Science and Systems, Springer.Vol. 07, Article No.: 4, 2019, ISSN: 2047-2501.
16. Naghma Khatoon and Amritanjali, "Congestion Adaptive load balanced clustering scheme for prolonging network lifetime in mobile ad-hoc network", International Journal of Wireless and Mobile Computing, Vol. 16, No. 3, 211-221, 2019, ISSN: 1741-1084, doi: 10.1504/IJWMC.2019.10021289.
17. Srivastava, S. & Sahana, S.K , "Application of Bat Algorithm for Transport Network Design Problem", Applied Computational Intelligence and Soft Computing, Article ID 9864090, pp 1-12, 2019, ISSN:1687-9724
18. V.K. Saxena, Shashank Pushkar, "Managing Privacy of Sensitive Attributes using Fuzzy based Data Transformation Methods in Privacy Preserving Data Mining Environment", International Journal of Business Information Systems, Inderscience Publisher, 31(2) pp 249-264, 2019, 1746-0980.
19. Neeta Kumari, Shruti Garg, Anjali Singhal, Madan Kumar, Mallika Bhattacharya, Pawan Kumar Jha, Devendra Kumar Chauhan, Indu Shekhar Thakur, "Optimizing pretreatment of Leucaena leucocephala using artificial neural networks (ANNs) ", Bioresource Technology Reports journal, Elsevier, in press, 2019, 2589-014X, 10.1016/j.biteb.2019.100289.

20. Charu Wahi, Vandana Bhattacharjee, Shampa Chakraverty, "Current Taxonomy of Trust based Secure Routing in MANETs", Journal of Advanced Research in Dynamical & Control Systems, 2019, Vol. 11, 04-Special Issue.
21. Itu Snigdha, Effective Delay and Energy Conservation Strategies for Query Driven Wireless Sensor Networks, NCCS, 2019.
22. Priya, K. Sinha, S. K Sahana, P. K. Mahanti, "An Improved Global Image Denoising Technique," Advances in Information Sciences and Service Sciences, Vol. 11(1), pp. 1-12, 2019. ISSN 1976-3700 (Print), 2233-9345 (Online).

Conferences

1. F. Masroor, V. Bhattacharya, D. Mustafi, "A Fuzzy logic Approach for Software Cost Prediction", International Conference on Microelectronics Computing & Communication, 11-12th May, 2019, Adv. Regional Telecom Training Center, Ranchi, in Press.
2. Mansi Gupta, Kumar Rajnish, and Vandana Bhattacharjee, "Predicting Software Cost Through Entity-Relationship Diagrams: An Empirical View", Proceeding of NCCS 2019, Lecture Notes in Electrical Engineering 692, Springer, pp. 561-567.
3. Ankur Priyadarshi and Sujana Kumar Saha, "A study on the Importance of Linguistic Suffixes in Maithili POS Tagger Development", MIKE 2019: Seventh International Conference on Mining Intelligence and Knowledge Exploration, 19-22 December, 2019, NIT Goa.
4. Ankur Priyadarshi and Sujana Kumar Saha, "A Hybrid Approach to Develop the First Stemmer in Maithili", FIRE 2019: 11th meeting of the Forum for Information Retrieval Evaluation (FIRE, 19), 12-15 December, 2019, ISI Kolkata.
5. A. Sinha, M. Oraon, S. Anand, V. Bhattacharjee, "Opinion Mining of Restaurant Reviews and Comparison of Different Classifiers", 4th International Conference on Microelectronics, Computing & Communication Systems (MCCS-2019) In Press 2019, BSNL Training Center, Ranchi.
6. Neha Prerna Tigga, Shruti Garg, "Predicting Type 2 Diabetes using Logistic Regression", 4th International Conference on Microelectronics, Circuits & Communication Systems (MCCS-2019), 11-12 May 2019, ARTTC, BSNL near Jumar River, Hazaribag Road, Ranchi In Press
7. Utpal Kanti Mukhopadhyay, Richa N. K. Sharma, Shamama Anwar, Atma Deep Dutta, "Correlating Thermal Anomaly with Earthquake Occurrences using Remote Sensing Data", 4th International Conference on Advanced Machine Learning Technologies and Applications,

AMLTA, 863 – 875, 28-30 March, 2019, Cairo, Egypt, Print: 978-3-030-14117-2 Online: 978-3-030-14118-9, <https://doi.org/10.1007/978-3-030-14118-9> 85

8. Bharat Bhushan, G. Sahoo, “A Hybrid Secure and Energy Efficient Cluster Based Intrusion Detection System for Wireless Sensing Environment”, ICSPC 2019 : 2nd IEEE International Conference on Signal Processing and Communication, Accepted, Mar 29, 2019 - Mar 30, 2019, Karunya, Coimbatore, India.
9. Bharat Bhushan, G. Sahoo, “Secure Location -Based Aggregator Node Selection Scheme in Wireless Sensor Network”, ICETIT 2019 : International Conference on Emerging Trends in Information Technology- 2019, Accepted, Jan 21-22, 2019, IITM, New Delhi.
10. Kumari P., Sahana S.K., “An Efficient Swarm-Based Multicast Routing Technique—Review Advances in Intelligent Systems and Computing”, Springer, SCOPUS, vol 711, pp 123-134, 2019, VSSUT, Burla, Bhunaneswar, ISBN: 978-981-10-8054-8. DOI: <https://doi.org/10.1007/978-981-10-8234-4> 15.
11. Priya A., Sinha K., Darshani M.P., Sahana S., “A Novel Multimedia Encryption and Decryption Technique Using Binary Tree Traversal”, Lecture Notes in Electrical Engineering, Springer, vol 476, pp163-178, 2019, ARTTC, Ranchi, India, ISBN 978-981-10-8233-7, DOI: <https://doi.org/10.1007/978-981-10-8234-4> 10.
12. Ankita, Sahana S.K., “A Comprehensive Survey on Computational Grid Resource Management”, Lecture Notes in Electrical Engineering, Springer, vol 476, pp 97-108, 2019, ARTTC, Ranchi, India, ISBN 978-981-10-8233-7 DOI: <https://doi.org/10.1007/978-981-13-0776-8> 25.
13. Priya A., Sahana S.K. “A Survey on Multiprocessor Scheduling Using Evolutionary Technique”, Lecture Notes in Electrical Engineering, Springer, vol 511, pp 149-160, 2019, ARTTC, Ranchi, India ISBN 978-981-13-0775-1, <https://doi.org/10.1007/978-981-13-0776-8> 14.
14. Priya A., Sahana S.K., “Processor Scheduling in High-Performance Computing Environment Using MPI”, Innovations in Soft Computing and Information Technology. Springer, Vol 3, pp 43-54, 2019, Ranchi ISBN: 978-981-13-3184-8, <https://doi.org/10.1007/978-981-13-3185-5> 5.
15. Paikaray D., Mustafi A. “GENETIC ALGORITHM BASED IMAGE WATERMARKING USING MULTIPLE LOCATION”, International Conference on Micro Electronics Computing and Communication Systems, 11-12, May, 2019, Ranchi, Jharkhand.
16. K. Sinha, R. Kumari, A. Priya, and P. Paul, “A Computer Vision-Based Gesture Recognition Using Hidden Markov Model,” Innovations in Soft Computing and Information Technology, pp.55–67, 2019. DOI: 10.1007/978-981-13- 3185-5_6.