Name : **Dr. R.SABITHA**

Designation : Professor

Department : Computer Science and Engineering Address : Saveetha School of Engineering

Mobile : 9940296917E Mail : sabisam73@gmail.com

Publications

- 1. Mohana Prasad K. and **Sabitha R.** (2015), 'Meta Physical Algorithmic Representation for Flawless Clustering', **Journal of Theoretical and Applied Information Technology**, Vol. 76, No.1, ISSN 1992 8645, pp. 82 87, **Scopus Indexed.**
- 2. Mohana Prasad K and **Sabitha R.** (2015), 'Yoking of Algorithms for Effective Clustering', **Indian Journal of Science and Technology**, Vol. 8 (22), ISSN 0974 6846. **Scopus Indexed**, (Annexure II).
- 3. Yamini B and Sabitha R. (2015), 'Blind Steganalytic Attack as Pattern Recognition, Using k -Nearest Neighbor Classification Technique', Int. Conf. on Mathematical Computer Engineering (ICMCE-2013), VIT university, Chennai Campus, published in International Journal of Pure and applied mathematics, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version) url: http://www.ijpam.euVol.101,No.5, pp. 755-763. Scopus Indexed, Annexure II.
- 4. Yamini B and Sabitha R. (2015), 'Adaptive Image Steganalysis for LSB Embedding Technique Using Enhanced Canny Operator', Global congress on computing and media technologies (GCMT-2015), Sathyabama University, published in Indian Journal of Science and Technology. Vol 9(10), March 2016, pp no 1-8 (Received BEST PAPER AWARD)
- 5. Yamini B and Sabitha R. (2015), 'Universal Steganalysis: Defend Against Adaptive Steganographic Attack Using Mx-Quadtree Neighbor Finding Mechanism', Indian Journal of Computer Science and Engineering (IJCSE), ISSN: 0976-5166, Vol. 6 No.6 Dec 2015-Jan 2016, pp: 173-181.
- 6. Yamini B and Sabitha R. (2015), 'BlindSteganalysis: Pixel-Level Feature Extraction Based on Colour Models, to Identify Payload Location', 'Bilingual International Conference on Information Technology: Yesterday, Today, and Tomorrow', Organized by DRDO, Ministry of Defence, New Delhi, ISBN no: 978-81-86514-73-3, pp. 106-110.
- 7. Gayathri S and Sabitha R. (2015), 'Multi-level queue based resource allocation in downlink of OFDMA Wireless Cellular Networks', Global congress on Computing and Media Technologies (GCMT-2015), Sathyabama University, published in Indian

Journal of Science and Technology. Vol 9(10), March 2016, pp no 1-6 (**Received BEST PAPER AWARD**).

- 8. Madhurikkha S. and **Sabitha R.** (2015), 'An Efficient Credence Based Scheme to Fight against Packet Dropping Attack in Mobile Ad Hoc Network', International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562, Vol. 10, No. 8, pp. 6224-6228. **Scopus Indexed.**
- 9. Madhurikkha S. and Sabitha R. (2015), 'Defensive Mechanism to Guard against Packet Droppers in Mobile Ad hoc Network', International Journal on Advances in Intelligent Systems and Computing, 324, Springer, India, pp. 721-730. DOI 10.1007/978-81-322-2126-5_77. Scopus Indexed.
- 10. Mohana Prasad K, **Sabitha R**, Oviya (2016), 'An Efficient Clustering Formulation from Resemblance in Extant Algorithms', **ARPN Journal of Engineering and Applied Sciences**, Vol. 11, No.13, ISSN 1819-6608, pp. 8278 8283, **Scopus Indexed**, (Annexure II).
- 11. Yamini B and Sabitha R. (2016), 'Image Steganalysis: Segmenting Stego Image Using Watershed Method and Feature Extraction by MRF Method', i-manager's Journal on Pattern Recognition, ISSN: 2349-7912, Vol. 31 No. 11 March May 2016, pp: 35-42.
- 12. Yamini B and Sabitha R. (2017), 'Image Steganalysis: Adaptive color image segmentation using Otsu's Method', Journal of Computational and Theoretical Nanoscience', Vol. 14, No. 9, September 2017, pp. 4502-4507(6). Web of Science, Annexure I.
- 13. Thilagavathy R and **Sabitha R.** (2016), "Enhancing the Quality of Search Results by a Novel Semantic Model", **Asian Journal of Information Technology**, Volume 15, Issue 6, pp 996-1004, 2016. ISSN: 1993-5994 (ONLINE), 1682-3915 (PRINT) (**Scopus Indexed**).
- 14. Madhurikkha S. and **Sabitha R.** (2016), 'An Efficient Integral Power-Elector Method with Enhanced AODV to avid Sleep Deprivation in Manet', **Indian Journal of Science and Technology**, Vol 9 (21), ISSN 0974 6846. **Scopus Indexed.**
- 15. Madhurikkha S. and **Sabitha R.** (2016), "An Efficient Node Isolation Model to Prevent Packet Droppers in Ad hoc Networks / Indian Journal of Advances in Computer Sciences and Technology / Volume 4, Number 1 / pg. 11-23 / 2016 **National journal.**
- 16. Pushpalatha S and Sabitha R. (2016), 'A survey of channel allocation and attacks in multichannel multi radio wireless networks', IEEE, Second Int. Conf. on Science, Technology, Engineering and Management, ISBN 978-1-5090-1706-2. DOI 10.1109/ICONSTEM.2016.7560945.

- 17. Thilagavathy R and **Sabitha R.** (2017), "A Novel Approach to Aggregation of Web Documents by Semantic Suffix Tree and Self Organizing Feature Map Methods", in **IEEE**, Third International Conference On Science Technology Engineering & Management–ICONSTEM 2017.
- 18. Thilagavathy R and **Sabitha R.** (2017), "Effective Way Of Agglomerating Online Documents Using Concept-Based Suffix Tree And Self Organizing Feature Map", **Journal of Advanced Research in Dynamical and Control Systems**, Special Issue: 12, ISSN: 1943-023X, pp 526-545 (**Scopus indexed**).
- 19. Thilagavathy R and **Sabitha R.** (2018), "Using Cloud effectively- in Concept Based Text Mining Using Grey Wolf Self Organizing Feature Map", **Cluster Computing-Springer Publications**, DOI 10.1007/s10586-017-1159-y, 2018. ISSN: 1573-7543(ONLINE), 1386-7857 (PRINT). (**Web of Science**).
- 20. Gayathri S and Sabitha R. (2018), 'Resource Allocation in downlink of LTE using Bandwidth prediction through Statistical Information', Accepted for publication in Indonesian Journal of Electrical Engineering and Computer Science (IJEECS), Vol.10, No.2 May 2018 issue.
- 21. Madhurikkha S. and Sabitha R. (2018), 'A Smart Power Saving Protocol for IoT with Wireless Energy Harvesting Technique', Cluster Computing The Journal of Networks, Software Tools and Applications, Springer, Web of Science / Annexure I (Accepted with minor changes).
- 22. Suganya M, Sabitha R and Aruna Jasmine J (2019) ," Deep Learning Technique for Brain Tumor Detection using Medical Image Fusion", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue- 9S2, July 2019, pp. 867-870, Scopus Indexed,DOI: 10.35940/ijitee.I1179.0789S219.
- 23. Pushpalatha S and Sabitha R (2019)," An efficient trbl-cdrrp method to detect jamming attacks in multichannel multiradio wireless networks", Journal of Ambient Intelligence and Humanized Computing, ISSN 1868-5137, Web of Science .DOI: 10.1007/s12652-019-01494-w.
- 24. Pushpalatha S and Sabitha R (2020),"New Analytical Channel Allocation Methodology for Multichannel Multi-Radio Wireless Networks",Journal of Computational and Theoretical Nanoscience, Vol. 17, No.5,pp.2396 -2401, 2020, Scopus Indexed, DOI:10.1166/jctn.2020.8902.

25. Chinka Siva Gopi, ChidipudiSivareddy, K.MohanaParasad, R.Sabitha and K Ashok Kumar (2020)," A Proficient Scheme for Detecting Breast Cancer by Classification Techniques", Journal of Computational and Theoretical Nanoscience, Vol. 17, No.8,,pp. 3453–3457