

List of Publications

1. Published a paper in June 2015 titled “ Ultrasound Array Modelling and Beam forming using Field II” in IJERMT.
2. Published a paper in May 2015 titled “Smart Device Connectivity in Car Radio” in IJARSE.
3. Comparative Study of Feeding Techniques for 60GHz Microstrip Patch Antenna Array Design” in IEEE Indian Antenna Week 2016.
4. “Dual Sim Dual Active Feature in a 3G Modem: A Comprehensive Survey” in IJERME Volume I, Issue II 2016.
5. ”Driver Drowsiness Detection using Eye Blinking Algorithm” in IJAREEIE Volume 5, Issue 4, April 2016
6. “ Automated Testing of Infotainment System” in IJRITTC, volume 5 , Issue 5, May 2017
7. “ Software Test Automation with Robot Framework” in IJRITTC, volume 5 , Issue 6, June 2017
8. “ Machine – to – Machine Talk for Home Automation Appliances” in IJERT, volume 5 , Issue 20, 2017
9. Active Noise Cancellation using Adaptive Filter Algorithms: in IJERT, volume 7, Issue2, February 2018
10. B A Sujathakumari and Abhishek P “Wireless Client Device Finger Printing”, Asian Journal of Convergence in Technology, Volume IV , Issue II, August 2018.
11. Husna Sabat and B A Sujathakumari “ MAC Address Blacklist based on the user’s behavior after connecting to the network”, Asian Journal of Convergence in Technology, Volume IV , Issue II, August 2018.
12. B A Sujathakumari, Shreeharsha B S, Prince Verma, Sathvik Shivram and Raksha A R “ Heart Rate Measurement using Face Video with Noise Suppression”, 4th International Conference for Convergence in Technology (I2CT), SDMIT Ujire, Oct 27-28 , 2018.
13. B A Sujathakumari, Lingaraj Asundi, Priyanka V Devoor, Shree Raksha K V and Sonika R “Robot Mediated Imitation Learning for Children with Autism”, 4th International Conference for Convergence in Technology (I2CT), SDMIT Ujire, Oct 27-28 , 2018.

14. Thejaswini K P and B A Sujathakumari “ Review on Early Detection of Alzheimer’s Disease using different Techniques” JETIR, Vol 6, Issue 1, Jan 2019.
15. Usharani C M and B A Sujathakumari “ Review of Monitoring Systems used in Route Planning for Electric Vehicles” JETIR, Vol 6, Issue 1, Jan 2019
16. B A Sujathakumari, M H Abhishek, Darshan Singh, Aneesh K N and B S Mahanand presented a paper titled “ Detection of MCI from MRI using gradient Boosting Classifier “ in the first IEEE international conference on Advances in Information Technology (ICAIT -2019) during July 2019.
17. B A Sujathakumari and Thejaswini K P presented a paper titled” GDA Based Classification Algorithm for Early Detection of Alzheimer’s disease“in International Conference on Intelligent Computing and Control Systems (ICICCS 2019) during May 2019. IEEE Xplore Part Number: CFP19K34-ART; ISBN: 978-1-5386-8113-8.
18. B A Sujathakumari and Usharani C M presented a paper titled “Routing An Electric Vehicle For Optimum Energy Consumption With EE-MAODV Using NS3” in International Conference on Intelligent Computing and Control Systems (ICICCS 2019) during May 2019. IEEE Xplore Part Number: CFP19K34-ART; ISBN: 978-1-5386-8113-8
19. B A Sujathakumari and Meera Giridhar published a paper titled “ Traffic Simulation in SUMO” in Journal of Composition Theory ISSN : 0731-6755, Volume XII Issue VI JUNE 2019.
20. B A Sujathakumari, Chiranth N L, Pooja P Published a paper titled “Android Chat Application Development using AWS” in International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2S6, July 2019.
21. Sujathakumari B A and Sadaf Farheen presented a paper titled “ Block chain based data security for financial transaction system” in ICICCS 2020 during May 2020. Paper is indexed in IEEE explorer with ISBN 978-1-7281-4875-5.
22. B A Sujathakumari , A G Varun Yadiyala, Aruna B J, Radha C, Shwetha B presented a paper titled “Early Detection of Mild Cognitive Impairment using 3D Wavelet transform” in Springer Conference ICDICI-2020 during July 2020

23. B A Sujathakumari , Charitha Shetty M, Lakshitha H M, Mehulkumar P Jain, and Suma S presented a paper titled “Predictive analysis for early detection of Alzheimer's Disease” in Springer Conference ICDICI-2020 during July 2020.
24. B A Sujatha Kumari, Charitha Shetty M, Lakshitha H M, Mehulkumar P Jain, Suma S published a paper titled ‘Exploring the Methods on Early Detection of Alzheimer's Disease ’ in IJRTE , ISSN: 2277-3878 (Online), Volume-9 Issue-1, May 2020
25. Sujatha Kumari B A, A G Varun Yadiyala, Aruna B J, Radha C, Shwetha B published a paper titled ‘Early Detection of MCI’ in IJRTE , ISSN: 2277-3878 (Online), Volume-9 Issue-1, May 2020.
26. Sujatha Kumari B A, Sadaf Farheen published a paper titled “Security of IoT System using Blockchain” in IJRTE , ISSN: 2277-3878 (Online), Volume-9 Issue-1, May 2020.
27. aaS. Gayathri, B. A. Sujathakumari, Nishanth S. Murthy, Mukundh Balabhadra, Nikhil S. Joshi & C. Sandesh published a paper titled “Digitized Braille cell: a novel solution for visually impaired “ in IJIT, a Springer publication , ISSN 2511-2104, November 2019.
28. B A Sujathakumari, Shreyas K S, Skanda M S, Manoj Kumar, Prajwal C D presented a paper titled “ IOT Based Remote Patient Monitoring System Using Microservices Architecture” in ICSCS 2021, Springer conference on 10th June 2021.
29. B A Sujathakumari , A G Varun Yadiyala, Aruna B J, Radha C, Shwetha B published a paper titled “Early Detection of Mild Cognitive Impairment using 3D Wavelet transform” in Springer book “Data Intelligence and Cognitive Informatics, Algorithms for Intelligent Systems” https://doi.org/10.1007/978-981-15-8530-2_36.
30. B A Sujathakumari , Charitha Shetty M, Lakshitha H M, Mehulkumar P Jain, and Suma S published a paper titled “Predictive analysis for early detection of Alzheimer's Disease” in Springer book “Data Intelligence and Cognitive Informatics, Algorithms for Intelligent Systems” https://doi.org/10.1007/978-981-15-8530-2_56.