



PUBLICATION DETAILS

NO. OF CONFERENCES /JOURNALS /BOOK CHAPTERS: 18

Journal Publications

1. D.Diana Josephine, M.Poongothai, Gowtham.M, Jayanth.S, Sowmiah.B, Uthra.M.C, "AMAZON LEX based personalized chatbot for IoT LAB@CIT", in the International Journal of Advance Scientific Research and Engineering Trends, Volume 6, Issue 5, May 2021, ISSN (Online) 2456-0774, doi : 10.51319/2456-0774.2021.5.0030.
2. Bharthi S & Poongothai, M, "IoT based Kitchen Monitoring and Control System" International Journal of Computer Applications, 187 (7): 30-34, April 2022, doi:10.5120/ijca2022922034.
3. Poongothai, M. & Gokul Kathirvel, "IoT Based Accident Prevention System for Hairpin Bend Roads", Journal of IoT in Social, Mobile, Analytics, and Cloud, 4(3), (2022) 143-152. doi:10.36548/jismac.2022.3.001
4. Poongothai M, Sundar K and Vinayak Prabhu B, "Implementation of IoT Based Intelligent Voice Controlled Laboratory using Google Assistant", International Journal of Computer Applications (IJCA), Volume 182 - No. 16, Sep 2018, doi: 10.5120/ijca2018917808.
5. Poongothai M, Karupaiya A L and Priyadharshini R, "Implementation of IoT Based Smart Laboratory" International Journal of Computer Applications (IJCA), Volume 182 - No. 15, pp, pp 31-35, Sep 2018, doi: 0.1109/IEA.2018.8387090.
6. Arun V and Poongothai, "Implementation of IoT Based Intelligent Transportation System" Asian Journal of Applied Science and Technology (AJAST), Volume 2, Issue 2, Pages 933-946, 2018.

Conference Publications

1. T. Loganayaki & Dr.M.Poongothai "Tomato Foliage disease recognition using Random Forest and Convolutional Neural Network", Proceedings in the 4th International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology, November 19-20, 2022.
2. P.Aruna, S.Gayathridevi, S.Chandia and M.Poongothai, " Security aspects in IoT : Challenges and Counter measures" in the Springer proceedings of seventh international conference on smart trends for computing and communication organized by Global Knowledge Research Foundation during 24-25 January 2023.
3. Chinmaya Mahadev. M.N, Shivananth .A Vamsi Krishna .D Vinesh .S.R Poongothai .M & Rajeswari .A "IoT based Car Parking System Using LORAWAN Technology for CIT Campus" Proceedings of the Research & Industry Symposium on Information & Cyber Security (RISICS '23) on 25th January 2023, Organized by Department Of Computing, Coimbatore Institute of Technology, Coimbatore.
4. Ms.R.Kalaivani & Dr.M.Poongothai, "Bio-Inspired Based Real-Time Task Assignment Algorithm for Heterogeneous Multiprocessor Systems" IEEE Bombay proceedings of International Conference on Advancement in Technology, (ICONAT) organized by RajaRambabu Institute of Technology Goa, India during January 21- 22, 2022, doi:10.1109/ICONAT53423.2022.9725878

5. M.Poongothai, "Water quality monitoring system for Industrial applications", in the International conference on Electronics, Communication and Computing Systems (ICECCS 2021) organized by the Department of Electronics and Communication Engineering held on 26th May 2021 at Karpagam college of Engineering.
6. M.Poongothai, "Urban Air Pollution Monitoring System with Time Series Forecasting using Artificial Neural Networks" in the 8th International Conference on Business Analytics and Intelligence 2021 (ICBAI 2021) organized by Indian Institute of Science, Bangalore, Karnataka, India on 20th – 22nd December 2021, pp. 113.
7. P.Muthu Subramanian, A.Rajeswari, "LoRa-Based Infrastructure for Medical IoT System", In Advances in Industrial Machines and Mechanisms, (2021) Proceedings of IPROMM 2020 (pp. 331-337). Springer Singapore.
8. S.Dhanalakshmi and M.Poongothai, "IoT based indoor air quality and smart energy management for HVAC system" Elsevier proceedings of Third International Conference on Computing and Network Communications (CoCoNet' 19) held at Indian Institute of Information Technology and Management-Kerala (IIITM-K), Trivandrum, Kerala, India during December 18-21, 2019, doi:10.1016/j.procs.2020.04.193.
9. Poongothai M , Muthu Subramaniam P & Rajeswari A , " Design and Implementation of IoT based Smart Laboratory" IEEE Proceedings of International conference on Industrial Engineering and Applications (ICIEA 2018) organized by National University of Singapore, during 26th -28th April 2018, pp. 169-173, doi: 10.1109/IEA.2018.8387090.
10. S.Dhanalakshmi, "Autonomous vehicle using Artificial Intelligence" Proceedings of the International Conference on "Smart Materials and Techniques for sustainable development (SMTS-2019)" organized by Department of Civil Engineering, Dr.N.G.P. Institute of Technology, Coimbatore during April 4 & 5, 2019.

Book Chapter with ISBN

1. M.Poongothai, Mahadevan.N, "IoT based smart energy management system", book chapter on internet of things: integration and security challenges" ,CRC press Taylor & Francis publisher, ISBN :9781003032441, December 2020 PP 175-188 <https://doi.org/10.1201/9781003032441>
2. S.Dhanalakshmi and M.Poongothai, published book chapter titled, "IoT-Based Model Predictive Control Architecture for HVAC Systems and a Comprehensive Study of Security Issues of 5G and IoT" for the book titled "Secure Communication for 5G and IoT networks" published by "EAI/Springer Innovations in Communication and Computing" ISBN 978-3-030-79766-9 and <https://doi.org/10.1007/978-3-030-79766-9>, © Springer Nature Switzerland AG 2022.