

Dr. P. Sivakumar Publication

1. Ashwin, S., Loganathan, S., Kumar, S. S., & Sivakumar, P. (2013, February). Prototype of a finger print based licensing system for driving. In *2013 International Conference on Information Communication and Embedded Systems (ICICES)* (pp. 974-987). IEEE.
2. Sivakumar, P., Vinod, B., Devi, R. S., & Nithilavallee, S. P. (2015). Model Based Design Approach In Automotive Software and Systems. *International Journal of Applied Engineering Research*, 10(11), 29857-29865.
3. Sivakumar, P., Vinod, B., Devi, R. S., & Rajkumar, E. J. (2015). Real-time task scheduling for distributed embedded system using MATLAB toolboxes. *Indian Journal of Science and Technology*, 8(15), 1-7.
4. Sivakumar, P., Vinod, B., Devi, R. S., & Divya, R. (2016). Novelty Testing Measures and Defect Management in Automotive Software Development. *Australian Journal of Basic and Applied Sciences*, 10(1), 607-613.
5. Kumar, P. S., Vinod, B., & Devi, R. S. (2016). Model Based Design approach for Component Design Implementation in Automotive System Development. *Asian Journal of Research in Social Sciences and Humanities*, 6(12), 927-943.
6. Sivakumar, P., Vinod, B., Devi, R. S., & Divya, R. (2016). Deployment of Effective Testing Methodology in Automotive Software Development. *Circuits and Systems*, 7(9), 2568-2577.
7. Srihari, M. M., & Sivakumar, P. (2018, July). Implementation of Multi-Function Printer for Professional Institutions. In *2018 International Conference on Inventive Research in Computing Applications (ICIRCA)* (pp. 1-3). IEEE.
8. Devi, R. S., Sivakumar, P., & Balaji, R. (2018, August). AUTOSAR Architecture Based Kernel Development for Automotive Application. In *International Conference on Intelligent Data Communication Technologies and Internet of Things* (pp. 911-919). Springer, Cham.
9. Devi, R. S., Sivakumar, P., & Sukanya, M. (2018). Offline Analysis of Sensor Can Protocol Logs Without Can/Vector Tool Usage. *International Journal of Innovative Technology and Exploring Engineering*, 8(2S2).
10. Sivakumar, P., Devi, M. R. S., & Kumar, B. V. (2019). Analysis of Software Reusability Concepts Used In Automotive Software Development Using Model Based Design and Testing Tools. In *Alliance International Conference on Artificial Intelligence and Machine Learning (AICAAM)* (pp. 78-89).
11. Sivakumar, P., Devi, R. S., Lakshmi, A. N., VinothKumar, B., & Vinod, B. (2020, February). Automotive Grade Linux Software Architecture for Automotive Infotainment System. In *2020 International Conference on Inventive Computation Technologies (ICICT)* (pp. 391-395). IEEE.
12. Sivakumar, P., Singh, M., Malhotra, J., & Dhasarathan, V. (2020). Performance analysis of 160 Gbit/s single-channel PDM-QPSK based inter-satellite optical wireless communication (IsOWC) system. *Wireless Networks*, 1-12.
13. Sivakumar, P., Nagaraju, R., Samanta, D., Sivaram, M., Hindia, M. N., & Amiri, I. S. (2020). A novel free space communication system using nonlinear InGaAsP microsystem resonators for enabling power-control toward smart cities. *Wireless Networks*, 26(4), 2317-2328.
14. Sivakumar, P., Devi, R. S., Buvanesswaran, A. D., Kumar, B. V., Raguram, R., & Ranjithkumar, M. (2020, July). Model-Based Testing of Car Engine Start/Stop Button Debouncer Model. In *2020 Second International Conference on Inventive Research in Computing Applications (ICIRCA)* (pp. 1077-1082). IEEE.