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### Journal Paper

- P. Vijai and Dr. Bhagavathi Sivakumar P., "Performance comparison of techniques for water demand forecasting", Procedia Computer Science, vol. 143, pp. 258 266, 2018.
- K. A. Maheshwari and Dr. Bhagavathi Sivakumar P., "Wireless IoT Based Smart Parking Solutions using Sensor Technology in the Context of Planned Smart Cities in India", Journal of Engineering and Applied Sciences, vol. 12, no. 8, pp. 8302-8308, 2017.
- S. Sharad, Dr. Bhagavathi Sivakumar P., and Anantha Narayanan V., "An Automated System to Mitigate Loss of Life at Unmanned Level Crossings", Procedia Computer Science, vol. 92, pp. 404 409, 2016.
- G. R. Ramya and Dr. Bhagavathi Sivakumar P., "Advocacy Monitoring of Women and Children Health through Social Data", vol. 9, no. 6, 2016.
- C. Vishal, V., R. Shivnesh, Kumar, V. Romil, Anirudh, M., Dr. Bhagavathi Sivakumar P., Dr. Shunmuga Velayutham C., Suresh, L. P., and Panigrahi, B. K., "A crowdsourcing-based platform for better governance", Proceedings of the International Conference on Soft Computing Systems, Advances in Intelligent Systems and Computing, in L.P. Suresh and B.K. Panigrahi (eds), vol. 397, pp. 519-527, 2016.

### **Conference Paper**

- K. A. Maheshwari and Dr. Bhagavathi Sivakumar P., "Use of Predictive Analytics Towards Better Management of Parking Lot Using Image Processing", in Computational Vision and Bio Inspired Computing, Cham, 2018, vol. 28, pp. 774-787.
- P. Vijai and Dr. Bhagavathi Sivakumar P., "Design of IoT Systems and Analytics in the Context of Smart City Initiatives in India", in Procedia Computer Science, 2016, vol. 92, pp. 583-588.
- M. K. Shahanas and Dr. Bhagavathi Sivakumar P., "Framework for a Smart Water Management System in the Context of Smart City Initiatives in India", in Procedia Computer Science, 2016, vol. 92, pp. 142-147.

### **Book Chapter**

S. Birindha, Anantha Narayanan V., and Dr. Bhagavathi Sivakumar P., "Smart Energy Management System Based on Image Analytics and Device Level Analysis", in Computational Vision and Bio Inspired Computing. Lecture Notes in Computational Vision and Biomechanics, vol. 28, Springer, Cham, 2018, pp. 705-721