

## **LIST OF PUBLICATIONS OF MR. SHIVENDRA KUMAR**

- 2005      Key Issues on implementing cooperative mobile robot technologies for port automation tasks. *Proceedings of the International Conference on Computational Intelligence, Robotics and Autonomous Systems*. Dec 15-18, Singapore.
- A Roaming Vehicle for Entity Relocation. *Proceedings of the Virtual International Conference on Intelligent Production Machines and Systems*. July 4- 15.
- Response Surface Methodology based approach to CNC drilling operation. *Journal of Materials Processing Technology*. (In press)
- The Need for Adapted Industrial Ecology Practices for Solid Waste Management in Small Island Developing States. *The International Society for Industrial Ecology Conference*, June 12-15, Stockholm
- Exploring the concept of producer responsibility for the management of end-of-life beverage packaging in Fiji, *Study report*, The University of the South Pacific: Suva
- 2004      Modeling and Simulation of a PC based CNC machine worktable. *Proceedings of the Institution of Mechanical Engineering, Part B*. Vol 218, pp 1625- 1630.
- 2003      Development of an automated guided vehicle with an obstacle avoidance system. *Master of Science Thesis*. Department of Engineering, University of the South Pacific, Fiji.
- Prediction and Reduction of Process Times for the PC based drilling machine. *Proceedings of the Institution of Mechanical Engineers, Part B*. Vol 218, pp 135-141.
- Obstacle avoidance for a guidepath following autonomous robot. *Proceedings of the 2<sup>nd</sup> International Conference on Computational Intelligence, Robotics and Autonomous systems*. 15-18 December, Singapore.
- PIC Microcontroller based information display panel, *Proceedings of the 7<sup>th</sup> International Symposium on Consumer Electronics*. 3-5 December, Australia.
- 2002      Development of a PC based CNC drilling machine. *Proceedings of the Institution of Mechanical Engineers, Part B*. Vol 216, pp 1509- 1515.
- Development of a PC based CNC drilling machine. *Final Year Undergraduate Project Report*. Department of Engineering, University of the South Pacific, Fiji.