

LIST OF PUBLICATIONS

International Journals

1. **Maheswari, C, Krishnamurthy, K, Meenakshipriya, B & Bhaba, PK** 2014, 'Application of CDM-PI-P Controller for SO₂ Emission Control Process', Journal of Control and Applied Informatics, vol. 16, no. 1 pp. 40-49. (**Impact Factor 0.228**)
2. **Maheswari, C, Krishnamurthy, K & Parameshwaran, R** 2014, 'Experimental Investigations on SO₂ removal process using wet scrubber, Journal of Pollution research, vol. 32, no. 3, pp. 655-662.
3. **Maheswari, C, Krishnamurthy, K & Parameshwaran, R,** 2014, 'Modelling and Experimental analysis of packed column for SO₂ emission control process', Journal of Atmospheric pollution research, vol. 5, pp. 464- 470. (**Impact factor 1.011**)
4. **Maheswari, C, Krishnamurthy, K, Arun, SR, Magalingam, V & Jeevanraj, K** 'Optimization of PID controller parameters for SO₂ emission control process using PSO Algorithm', Journal of industrial Pollution control (In press).

National Journal

1. **Maheswari, C, Krishnamurthy, K, Meenakshipriya, B & Parameshwaran, R** 'Experimental investigations on pilot plant SO₂ emission control system', Journal of Scientific and Industrial Research, (In press). (**Impact Factor 0.505**)

National / International Conferences

1. **Maheswari, C, Krishnamurthy, K, Silendar kumar, S** 2011, 'PLC based SO₂ emission control techniques in coal fired boilers', Proceedings of International conference on Thermal Energy and Environment (INCOTEE-2011), Kalasalingam University, Krishnankoil.

2. **Maheswari, C, Krishnamurthy, K & Silendar kumar, S** 2011, 'SO₂ emission control techniques in coal fired boilers', Proceedings of national conference on IMMBS 2011, Kongu Engineering College, Perundurai.
3. **Maheswari, C, Krishnamurthy, K, Yasodharan, R** 2012, 'Absorption of SO₂ from coal fired boilers to form sulphuric acid using wet scrubber with PLC controller', Proceedings of International conference on Technological Advancements in Chemical and Environmental Engineering (TACEE), BITS, Pilani.
4. **Maheswari, C, Krishnamurthy, K, Parameshwaran, R & Gnanagurubaran, V** 2013, 'Application of Fuzzy PID controller for SO₂ emission control process', proceedings of IEEE sponsored international conference on Control, Automation, Robotics and Embedded systems, IITDM, Jabalpur.