

LIST OF PUBLICATIONS

Book Chapter

- Gupta, S.K., Gupta Sunil Kumar and Hung, Young-Tse (2004). "Treatment of Pharmaceutical Waste" In: *Handbook of Industrial and Hazardous Waste Management, Second Edition, Ed. Lawrence K. Wang, Young-Tse, Hung, Howard H. Lo and Constantine Yapijakis, Marcel Dekker Inc., NY, USA. (3) 63-129.*

Research papers in International Journals

- Gupta, Sunil Kumar and Gupta, S. K. (2007). "Bio-degradation of Distillery Spent Wash in Anaerobic Hybrid Reactor." *Water Research (41)* 721-730.
- Singh, Gurdeep, Gupta, S.K., Kumar, Ritesh, and Sunderarajan, M. (2007). "Dispersion Modeling of Leachates from Ash Ponds of Thermal Power Plants" *Journal of Env. Engineering, 133(12)* 1088-1097.
- Gupta, S.K. and Singh, Gurdeep (2007). "Assessment of the Efficiency and Economic Viability of Various Methods of Treatment of Sanitary Landfill leachate". *Journal of Env. Monitoring and Assessment 135: 107-117.*
- Singh, Gurdeep, Gupta, S.K., Kumar, Ritesh, and Sunderarajan, M. (2007). "Mathematical Modeling of Leachates from Ash Ponds of Thermal Power Plants" *Journal of Env. Monitoring and Assessment 130 (1-3)* 173-185.
- Gupta, Sunil Kumar, and Gupta, S.K. (2005). "Morphological studies of granules in UASB and hybrid reactors". *Journal of Clean Techn. Environ. Policy. (7)* 203-212.
- Gupta Sunil Kumar and Gupta, S. K. (2007). "Treatment of Distillery Spent Wash in UASB and Hybrid Reactors". In Proc. of Int. Conference on Environmental Science and Technology held at Houston, Texas, USA on Aug. 6-9, 2007. 1, 304-311.
- Gupta, Sunil Kumar, and Gupta, S.K. (2004). "Anaerobic digestion of spent wash by hybrid and UASB reactor". In: Int. Conf. "Anaerobic Digestion Congress-AD10" Montreal, Canada. 809-814.
- Gupta, Sunil Kumar, and Gupta, S.K. (2003). "Treatment of Distillery Spent Wash by Hybrid and UASB Reactors". In *National Conference on Advances in Environmental Science and Engineering*, Indian Institute of Technology, Bombay, Mumbai (8-9 December, 2003).
- Gupta, S.K. and Singh, Gurdeep (2008). "A Review of Municipal Solid Waste Generation and Characteristics in Indian Cities". *Int. Journal of Indian School of Mines III, 25-34.*
- Gupta Sunil Kumar and Gupta, S. K. (2007). "Anaerobic Hybrid Reactor - A Promising Technology for the Treatment of Distillery Spent Wash". *Int. J. of Indian School of Mines. 2 (1)* 25-38.