SUKANTA SHEKHAR BHATTACHARYA

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Educational Qualifications

Degree	Year	Result
Doctor of Philosophy [Microbial Biotechnology] *Indian Institute of Technology, Kharagpur*	**Joined in 2005**	
Master of Science [Biotechnology] *Sambalpur University, Jyoti Vihar, Burla*	**2004**	**First Class**
Bachelor of Science [Botany Hons.] *Sambalpur University, Jyoti Vihar, Burla*	**2002**	**First Class with Distinction**

Awards
Qualified GATE 2004, 2005
Qualified CSIR-NET for Lecturership (Dec 2004, June 2005, Dec 2005, June 2006)

Publications
Papers (International Peer reviewed Journals)

Bhattacharya S.S. and Banerjee R., Laccase mediated biodegradation of 2,4-dichlorophenol using response surface methodology, Chemosphere, Volume 73, Issue 1, 2008, Pages 81-85

Bhattacharya S.S., Karmakar S., Banerjee R., Optimization of laccase mediated biodegradation of 2,4-diichlorophenol using genetic algorithm, Water Research, Volume 43, Issue 14, 2009, Pages 3503-3510

Bhattacharya S.S., Garlapati V.K., Banerjee R., Evaluation and optimization of laccase production using response surface methodology coupled with differential evaluation, New Biotechnology (Accepted)

Bhattacharya S.S., Banerjee R., Das B.S., Kinetics of biodegradation of synthetic wastewater containing 2,4-DCP using fungal laccase. (To be communicated)

Book Chapters

Bhattacharya S.S., Banerjee R., Lignin: Structure, Synthesis and Biodegradation, ed. S.C. Tiwari, Ethnoforestry: The future of Indian Forestry, Bishen Singh Mahindra Pal Singh, Dehradun, India, 2009, pp. 337-354

Bhattacharya S.S., Chakrabarti M., Banerjee R., Tannery waste and its remediation, ed. Garg S.R., Environmental Security: Animal and Human Heath: pp 147-159

Bhattacharya S. S., Gupta S., Banerjee R., "Effect of xenobiotics and heavy metals on the living world" edited by Prof. R.S. Garg(Under Review)

Conference Papers

Kapoor V., **Bhattacharya S. S.**, Banerjee R., "Bioethanol from Lignocellulosic Wastes: Microbial solution to a Macro Problem" in *National Seminar on Microbes in Pharmaceuticals, Food and Agriculture* held at Vidyasagar University from December 21st to December 23rd 2006.