APPENDIX 1

LIST OF PUBLICATIONS


8. Vinod Kumar Gupta, Deepak Pathania, **Shikha Sharma**, Pardeep Singh, Preparation of bio-based porous carbon by microwave assisted H₃PO₄ activation and its use for adsorption of Cr (VI), J. Colloids and Surf. (accepted)
APPENDIX 2

LIST OF PAPERS PRESENTED IN INTERNATIONAL AND NATIONAL CONFERENCES

1. **Shikha Sharma**, Sorption dynamics for remediation of Cr(VI) from contaminated aqueous system utilizing mercerized lignocellulosic adsorbent, presented in National Conference on Global Challenges: New Frontier in Chemical Sciences held at Kurukshetra University, Kurukshetra, India, September 22-23, 2012.


3. Deepak Pathania and **Shikha Sharma**, Process development for removal of basic dye by using natural fiber as biosorbent presented in the National Symposium on frontiers in chemical sciences, held at Panjab University, Chandigarh, India, February 24-25, 2012.


5. Deepak Pathania and **Shikha Sharma**, Studies on Equilibrium Isotherms and Kinetics of Methylene blue dye remediation by adsorption onto Ficus carica
fiber: An approach to Green Chemistry, presented in International conference in innovations in chemistry for sustainable Development, held in Panjab University, Chandigarh, India, December 1-3, 2011.

6. Deepak Pathania, Sunil Kumar and Shikha Sharma, Thermodynamics and kinetics of acidic dye remediation from aqueous solutions using modified natural fiber as adsorbent, presented in 6th National conference on Thermodynamics of Chemicals and Biological Systems, held at Maharishi Dayanand University, Rohtak, India, November 2-4, 2011.


8. Deepak Pathania and Shikha Sharma, Characterization of Ficus Carica Fiber (SEM and FTIR) and its potential for removal of dyes, presented in National workshop cum seminar on advances in electron microscopy and allied fields, held at Shoolini University, Solan, India, September 23-29, 2011.