## REFERENCES

- 1) Allen S.J. and Koumanova B., 2005, Decolorization of water/wastewater using adsorption (review), Journal of the University of Chemical Technology and Metallurgy 40, 175-192
- 2) Voudrias E., Fytianos K. and Bozani E., 2002, Sorption- Desorption isotherms of dyes from aqueous solutions and wastewaters with different sorbent materials, Global Nest the Int. J., Vol 4, No 1, 75-83
- 3) El Qada E.N., Allen S.J. and Gavin M.W., 2006, Adsorption of Methylene blue onto activated carbon produced from steam activated bituminous coal: A study of equilibrium adsorption isotherm, Chemical Engineering Journal 124, 103-110
- 4) Crini G, 2006, Non-conventional low-cost adsorbents for dye removal: A review, Bioresource Technology 97, 1061–1085
- 5) Shi W., 1997, Chemically modified sunflower stalks as adsorbent for color removal from textile waste water, Ind. Eng. Chem. Res, Vol 36 No. 3
- 6) Kavitha D., Namasivayam C. 2005 Experimental and kinetic studies on methylene blue adsorption by coir pith carbon, Bioresource Technology 98, 14-21
- 7) Rahman I.A., Saad B, Shaidan S, and Sya E.S., 2005, Adsorption characteristics of malachite green on activated carbon derived from rice husks produced by chemical –thermal process, Bioresource Technology 96, 1578–1583
- 8) Sanghi R. and Bhattacharya B., 2002, Review on decolorisation of aqueous dye solutions by low cost adsorbents, 302 Southern Laboratories, Facility for Ecological and Analytical Testing, Indian institute of Technology, Kanpur-208016, India
- 9) New Agriculture Technology Series No 2 -(15), Department of Agriculture, Peradeniya, Sri Lanka, 2005

- 10) Chuah T.G., Jumasiah A., Azni I., Katayon S. and Choong T S.Y., 2005. Rice husk as a potentially low cost biosorbent for heavy metal and dye removal: an overview, Desalination 175, 305-316
- 11) Guo Y., Yang S, Fu W., Qi J., Li R., Wang Z. and Xu H., 2003, Adsorption of malachite green on micro and mesoporous rice husk based active carbon. Dyes and Pigments, Vol 56, No 3 March, 219-229
- 12) Olafo O., and Bosch H., 1980, The production and characterization of activated carbon from tropic carbonaceous materials, Chemical age of India. Vol 31, No 3, 238-241
- 13) Malik P.K, 2002, Use of activated carbons prepared from sawdust and rice-husk for adsorption of acid dyes: a case study of Acid Yellow 36, Dyes and Pigments 56, 239–249
- 14) Amarasinghe B.M.W.P.K. and Gangodavilage N.C., 2007. Adsorbents from waste biomass: Production and application, 7<sup>th</sup> World Congress of Chemical Eng., Glasgow, July.10-14.
- 15) Namasivayam C. and Sangeetha D., 2006, Recycling of agricultural solid waste, coir pith: Removal of anions, heavy metals, organics and dyes from water by adsorption onto ZnCl2 activated coir pith carbon journal of hazardous materialsB135,449-452
- 16) Lodha A., Bhora K., Singh S.V. and Gupta A.B., 1997, Sorption of methylene blue on to rice husk, IJEP 17, 675-679
- 17) Macedo J.S., Júnior N.B.C., Almeida L.E., Vieira F.S.E., Cestari A.R., Gimenez I.F., Carreño N.V. and Barreto L.S., 2006, Kinetic and calorimetric study of the adsorption of dyes on mesoporous activated carbon prepared from coconut coir dust, journal of colloidal interface science 298 515-522
- 18) Sun G. and Xu X., 1997, Sunflower stalks as adsorbents for color removal from textile waste water, Ind. Eng. Chem. Res., 36, 3
- 19) Kumar B.G.P and Miranda L.R, 2005, Adsorption of Bismark Brown dye on activated carbons prepared from rubber wood sawdust using different activation methods, Journal of Hazardous materials B 126, 63-70

- 20) Rahman I. and Saad B., 2003, Utilization of Guava Seeds as a Source of Activated Carbon for Removal of Methylene Blue from Aqueous Solution. Vol. 5, No. 1, 008 014
- 21) Inthorn D., Singhtho S., Thiravetyan P. and Khan E., 2004, Decolorization of basic, direct and reactive dyes by pre-treated narrow-leaved cattail. Bioresource Technology 94, 299-306
- 22) Armagan B., Turan M. and Celic M., 2004, Equilibrium studies on the adsorption of reactive azo dyes into zeolite, Desalination, 170, 33-39
- 23) Chiou, Ho P. and Li H., 2003, Adsorption behaviour of dye AAVN and RB4 in acid solutions on chemically cross-linked chitosan beads, J. Chin. Inst. Chem Engrs., 34 (6), 625-634.
- 24) Ceyhan O. and Baybas D., 2001, Adsorption of some textile dyes by Hexadecyltrimethyl ammonium Bentonite, Turk J Chem, 25, 193-200
- 25) Hu Q.H., Qiao S.Z, Haghseresht F., Wilson M.A. and Lu G.Q., 2006, Adsorption study for removal of basic red dye using bentonite, Ind. Eng. Chem. Res. 45, 733-738
- 26) Ozean A.S. and Ozean A., 2004, Adsorption of acid blue 294 from aqueous solution onto white sepiolite, Procedings 4<sup>th</sup> AACD congress, Kusadasi, Aydin, Turkey, 560-562.
- 27) Ramakrishnan K.R, Viraraghavan T, 1997, Dye removal using law cost adsorbents, Wat. Science Technology, Vol 36, 189-196
- 28) Albanis T.A., Hela D.G., Sakellarides T.M. and Danis T.G., 2000, Removal of dyes from aqueous solutions by adsorption on mixtures of fly ash and soil in batch and columns techniques. Vol 2 no 3 p 237-244
- 29) Jain A.K., Gupta V.K., Bhatnagar A. and Suhas, 2003, Utilization of industrial waste products as adsorbents for the removal of dyes, Journal of Hazardous materials, B 101, 31-42
- 30) Gupta V.K., Mittal A., Krishnan L. and Mittal J., 2006, Adsorption treatment and recovery of the hazardous dye, Brilliant blue FCF, over bottom ash and de-oiled soya, J. of Colloid and Interface Science, 293,16-26

- 31) Abdul A. and Aberugoda F., 2005, Comparative study of the adsorption of phosphate by activated charcoal from corncobs, groundnut shells and rice husks, AU J.T, 59-63
- 32) Aloko D.F. and Adebayo G.A, 2007, Production and characterization of activated carbon from agricultural waste (rice husk and corn cob), Journal of Engineering and Applied Sciences 2, 440-444
- 33) Laila B.K. and Badies G., 1994, Adsorption characteristics of activated carbon obtained from rice husks by treatment with phosphoric acid, Fuel science technology, Vol 13, No 4, 132-136
- 34) Walker G.M., Weatherley L.R., 1997, Adsorption of acid dyes onto granular activated carbon in fixed beds, Wat.Res. Vol 31, No 8, 2093-2101
- 35) Treybal R.E, Mass transfer operations, McGraw Hill, Second Edition, 1968
- 36) Amarasinghe B.M.W.P.K. and Williams R.A., 2007, Tea waste as a low cost adsorbent for the removal of Cu and Pb from wastewater, Chemical Engineering Journal

