

STUDENTS RESEARCH ACTIVITIES

- R.V. Abhinaya, V. Arthi and K. Gayathri Lashmi (Final year students) has won the second prize in “**My Idea Programme**” organized by Villgro with the support of VIT University, Vellore which was conducted by SSN College of Engineering, Chennai (2011).
- R.V. Abhinaya, V. Arthi and K. Gayathri Lashmi (Final year students) has received 0.25 lakhs from **Chellamal Agroproject Award** (SSN Alumnus) for the project titled “Removal of dyes from industrial waste using agricultural waste: Cashew nut shell” (2010).
- D. Jayalakshmi and Sri Stuthi Raghavn has received Rs. 6000 /- from **TNSCST** for the project titled “Treatment and Analysis of Automobile Exhaust (Petrol Engine)” (2010).
- K. Sathish Kumar, P. Senthil Kumar, **S. Vijayalakshmi**, “Anticancer studies of drug encapsulated polyethylene terephthalate-Co-poly(lactic acid) Nanocapsules”, Journal of Pharmacy and Bioallied Sciences, Vol 3 (2), pp. 286-293, 2011.
- R. Shashank and **V.B. Balaaji** “Fluoride Estimation and Reduction in Indian Water samples using Optimum Alumina, pH and Time of Operation” International Journal of Chemical Engineering and Applications, Vol. 2 (1), pp. 38 -41, 2011.
- P. SenthilKumar, **N. Umaiyambika**, R. Gayathri, “Dye removal from aqueous solution by electrocoagulation process using stainless steel electrodes” Environmental Engineering and Management Journal, Vol. 9 (8), pp. 1031-1037, 2010. **(IF: 0.885)**
- P. Senthil Kumar, S. Ramalingam, **C. Senthamarai**, **M. Niranjanaa**, P. Vijayalakshmi, S. Sivanesan, “Adsorption of dye from aqueous solution by cashew

nut shell: Studies on equilibrium isotherm, kinetics and thermodynamics of interactions”, *Desalination*, Vol. 261 (1-3), pp. 52-60, 2010. **(IF: 2.034) Elsevier**

- P. Senthil Kumar, **C. Vincent**, K. Kirthika, and K. Sathish Kumar, “Kinetics and equilibrium studies of Pb²⁺ ions removal from aqueous solutions by use of Nano SilverSol Coated Activated Carbon”, *Brazilian Journal of Chemical Engineering*, Vol. 27 (2), pp. 339-346, 2010. **(IF: 0.571)**

- P. Senthil Kumar, **N. Arun Kumar, R. Sivakumar and C. Kaushik** “Experimentation on solvent extraction of polyphenols from natural waste”, *Journal of Mater Science* Vol. 44(21), pp. 5894-5899, 2009. **(IF: 1.417) Springer link**