

**DEPARTMENT OF CHEMICAL ENGINEERING
VIGNAN UNIVERSITY**

Research Publication in Year: 2016

Sl. No	Name of the Authors	Title of the paper	Name of the Journal	Vol No.	Page No.	ISSN NO.	Scopus/SCI
1	P. Ramesh Kumar, V. Madhusudhan Rao, B. Nageswararao, N. Satyanarayana	Enhanced electrochemical performance of carbon coated LiMPO ₄ nano particles as cathodes for high voltage lithium ion battery	Journal of Solid State Electrochemistry	20	1855-1863	14328488	SCIE
2.	B. Sumalatha	Membrane bioreactors for waste water treatment	Journal of Chemical and Pharmaceutical Research	8		0975-7384	Scopus
3	P. Bangaraiah, B. Sarath Babu, P. Ashok Kumar	Extraction of biodiesel from Azadirachta indica	Research Journal of Pharmacy and Technology	9	1451	0974-3618	Scopus
4	P. Ashok Kumar, G. Prashanti	Zero liquid discharge (ZLD) industrial wastewater treatment system	International Journal of ChemTech Research	9	80-86	0974-4304	Scopus
5	P. Ashok Kumar, M. Ramesh Naidu, P. Bangaraiah, G. Prashanti	Color removal from dye waste water using adsorption	International Journal of Pharmaceutical Sciences Review and Research	39	115-118	0976-040x	Scopus
6	P. Ashok Kumar, M. Jagadeesh Babu, G. Prashanti	Physico-chemical treatment of textile waste water by coagulation using potassium alum	International Journal of ChemTech Research	9	294-298	0974-4290	Scopus
7	P. Ashok Kumar, G. Prashanti	Sequestering nickel (II) ions from aqueous solutions using ulva lactuca as a low cost sorbent	Research Journal of Pharmacy and Technology	9	49-52	0974-3618	Scopus
8	K. Kumara Swamy, P. King, Y. Prasanna Kumar, B.V. Dhananjanyulu	Kinetic, thermodynamic and equilibrium studies for the biosorption of chromium from an aqueous solution on to ipomeapalamata Leaves powder	Research Journal of pharmaceutical, biological and chemical sciences	7	1651	09758585	Scopus
9	B.V. Dhananjanyulu, K. Kumara Swamy	Kinetic and thermodynamic studies on adsorption of malachite green from aqueous solution using mixed adsorbents (rice husk and egg shell)	Research Journal of Pharmacy and Technology	9	1671-1676	09743618	Scopus
10	P. Vijetha, N. Satyasree	Studies on removal of heavy metals Cr, Cu and Zn from waste water using carrot residues	Research Journal of pharmaceutical, biological and chemical sciences	7	1320-1325	0975-8585	Scopus
11	P. Vijetha, M. Ramesh Naidu, N. Satyasree, P. Rajasekhar Reddy	Adsorption of methylene blue from aqueous solutions using Tamarindus indica	Research Journal of Pharmacy and Technology	10	1-4	09743618	Scopus
12	P. Vijetha, M. Jagadeesh Babu, J. Radheshyam	Study on the performance of an air-jet mill by varying operating parameters	Research Journal of Pharmacy and Technology	10		09743618	Scopus
11	Krishna C Etika, Lei Liu, Machael A Cox, Jaime C Grunlan	Clay-mediated carbon nanotube dispersion in poly (N-isopropylacrylamide)	Colloids and Surfaces A: Physicochemical and Engineering Aspects	489	19-26		SCI
1	N.V. Suresh Kumar Devaka, V. Madhusudhan Rao, P. Yugandhar, C. Murthy	Development and validation of RP-HPLC method for simultaneous estimation of tolperisone hydrochloride and diclofenac sodium in combined tablet dosage form	World Journal of Pharmacy and Pharmaceutical Sciences	5	782-	22784357	Indexed
2	Vaseem Chavhan, Ch. Govardhana Rao, M. Siva Jagadish Kumar	Effect of stitch angle on tensile and bending properties of nonwoven fabric	International Journal on Textile Engineering and Processes	2	43	2395-3578	UGC approved