

**DEPARTMENT OF CHEMICAL ENGINEERING  
VIGNAN UNIVERSITY**

Research Publication in Year: 2015

Sl. No.	Name of the Authors	Title of the paper	Name of the Journal	Volume No.	Page No.	ISSN NO.	Scopus/SCI
1	V. Madhusudhan Rao	Bioremediation of sewage waste waters by the phototrophic bacterial consortium isolated from paddy fields	International Journal of Chemtech Research	7		0974-4290	Scopus
2	V. Madhusudhan Rao	Synthesis and antimicrobial activities of novel 6-(benzyl oxy) 7-methoxy quinazolin 4 (3H) ones					Scopus
3	B. Sumalatha	Design and simulation of a plant producing dimethyl ether from methanol by using simulation software Aspen plus	Journal of Chemical and Pharmaceutical Research	7		0975-7384	Scopus
4	B. Sumalatha	Modeling of freeboard fluidized bed coal gasifier	Journal of Chemical and Pharmaceutical Research	7		0975-7384	Scopus
5	P. Ashok Kumar, G. Prashanti	Treatment of textile dyeing industry effluent using activated carbon prepared from agriculture waste (sawdust)	Research Journal of pharmaceutical, biological and chemical sciences	6	1165	0975-8585	Scopus
6	P. Ashok Kumar, A.V. Hemalatha, P. Bangaraiah	Treatment of textile dyeing industry effluent using coagulation technique	International Journal of pharma and biosciences	6	1006-1019	0975-6299	Scopus
7	P. Ashok Kumar, G. Prashanti, P. Bangraiah	A study on methanol and biodiesel as petro fuel alternatives	Research Journal of pharmaceutical, biological and chemical sciences	6	1425	0975-8585	Scopus
8	P. Ashok Kumar, G. Prashanti	Removal of phenol from wastewater using tamarind nut and commercial activated carbons	International Journal of Chemical Sciences	13	257-264	0972-768X	Scopus
9	P. Ashok Kumar, G. Prashanti	Treatment of textile dyeing industry effluent using activated carbon	International Journal of Chemical Sciences	13	1430-1436	0972-768X	Scopus
10	P. Ashok Kumar, G. Prashanti	Removal of nickel (II) using lotus stem powder as adsorbent	Journal of Chemical and Pharmaceutical Research	7	621-625	0975-7384	Scopus
11	P. Ashok Kumar, G. Prashanti	Removal of nickel (II) using fly ash as adsorbent	International Journal of Pharmaceutical Sciences Review and Research	35	107-109	0976-044X	Scopus
12	P. Ashok Kumar, G. Prashanti	Use of agricultural waste (fly ash) for removal of nickel ions from aqueous solutions	Research Journal of Pharmacy and Technology	8	1665-1668	0974-360X	Scopus
13	P. Ashok Kumar, G. Prashanti	Removal of toxic metal chromium (VI) from industrial waste water using activated carbon as adsorbent	Journal of Chemical and Pharmaceutical Research	7	78-83	0975-7384	Scopus
14	K. Kumara Swamy, B.V. Dhananjanyulu, P. Vijetha, Y. Prasanna Kumar	Kinetic and equilibrium studies for the removal of chromium using eggshell powder	Research Journal of pharmaceutical, biological and chemical sciences	6	529-536	0975-8585	Scopus
1	T. Bhupal Reddy, G. Lakshmi Prasanna, V. Madhusudhan Rao, M.V. Basaveswara Rao	Synthesis and characterization of imidazo [1,2-a] pyridine and dihydropyridine derivatives	Rasayan Journal Chemistry				
2	T. Bhupal Reddy, G. Lakshmi	Synthesis and antimicrobial activities of Novel 6-	Journal of Applicable Chemistry	4	1828-1835	2278-	ASCE

	Prasanna, V. Madhusudhan Rao, M.V. Basaveswara Rao	benzyloxy-7-methoxy quinazolin-4(3H)-ones				1862	
3	T. Bhupal Reddy, G. Lakshmi Prasanna, V. Madhusudhan Rao, M.V. Basaveswara Rao	2,3-dimethyl-4-chromone protecting agent for the amines and carboxyl groups	An International Journal of advances in pharmaceutical sciences	6	3021-3023	2231- 0541	
4	V. Madhusudhan Rao	Synthesis and characterization of imidazo [1,2-A] pyridine and dihydropyridine derivatives	Journal for advanced research in applied sciences	2		2394- 8442	
5	M. Siva Jagadish Kumar	Study on effect of picks per inch on fabric properties	International Journal on Textile Engineering and Processes			2395- 3578	Unpaid
6	Vaseem Ramzan Chavhan	Fibrous filter to protect building environment from polluting agents: A review	Journal of Institution of Engineers			2250248 3	ASCE
7	Vaseem Ramzan Chavhan	Vat dying using hydroxyl acetone as a reducing agent	International Journal on Textile Engineering and Process	1		2395357 8	Unpaid