

**Publications: List from 2012 till May 14, 2018**  
**Department of Chemical Engineering**  
**List of SCI Publications**

Sr. No	Authors	Title of Paper	Journal Name	Volume	Year	Starting Page	End Page	Impact Factor	Month
1.	Dipaloy Datta S. Kumar H. Uslu	Status of the Reactive Extraction as a Method of Separation	Journal Of Chemistry	2015	2015	1	16	0.622	03
2.	A.K. Ojha V.K. Bulasara	Adsorption characteristics of jackfruit leaf powder for the removal of Amido black 10B dye	Environmental Progress & Sustainable Energy	34	2015	461	470	1.271	
3.	Abhi Sharma Anmol Sharma Raj Kumar Arya	Removal of Mercury(II) Ions from Aqueous Solution – A Review of Recent Work	Separation Science & Technology	50	2015	1310	1320	1.223	
4.	Abhisek Garg Munish Mainrai V. K. Bulasara Sanghamitra Barman	Experimental Investigation On Adsorption Of Amido Black 10b Dye Onto Zeolite Synthesized From Fly Ash	Chemical Engineering Communications	202	2015	123	130	0.913	
5.	Avinash Chandra Harwinder Singh	Heat Transfer in Jacketed Vessel Equipped with Down Pumping Pitched Blade Turbine	Computational Thermal Sciences: An International Journal	5	2015	527	537	0.317	
6.	Chitrakshi Goel Haripada Bhunia P.K. Bajpai	Development of nitrogen enriched nanostructured carbon adsorbents for CO <sub>2</sub> capture	Journal Of Environmental Management	162	2015	20	29	3.602	

7.	Chitrakshi Goel Haripada Bhunia P.K. Bajpai	Mesoporous carbon adsorbents from melamine–formaldehyde resin using nanocasting technique for CO <sub>2</sub> adsorption	Journal Of Environmental Sciences	32	2015	238	248	1.922	
8.	Chitrakshi Goel Haripada Bhunia P.K. Bajpai	Synthesis of nitrogen doped mesoporous carbons for carbon dioxide capture	Rsc Advances	5	2015	46568	46582	2.864	
9.	Chitrakshi Goel Haripada Bhunia P.K. Bajpai	Resorcinol–formaldehyde based nanostructured carbons for CO <sub>2</sub> adsorption: kinetics, isotherm and thermodynamic studies	RSC Advances	5	2015	93563	93578	2.864	
10.	Dipaloy Datta H. Uslu S. Kumar	Intensification of Picolinic Acid Extraction with Tri-n-Butylphosphate and Tri-n-Octylamine in Three Different Diluents	Chemical Engineering Research & Design	95	2015	105	112	2.281	
11.	Dipaloy Datta Y. Selim A. F. Tuyun	Intensification of Citric Acid Extraction by a Mixture of Trioctylamine and Tridodecylamine in Different Diluents	Journal Of Chemical & Engineering Data	60	2015	960	965	2.045	
12.	G. Singh V.K. Bulasara	Preparation of low-cost microfiltration membranes from fly ash	Desalination And Water Treatment	53	2015	1204	1212	1.272	
13.	Jai Prakash Kushwaha	A review on sugar industry wastewater: sources, treatment technologies, and reuse	Desalination And Water Treatment	53	2015	309	318	1.272	
14.	K. Jain G. Madhu Haripada Bhunia P.K. Bajpai G.B. Nando M.S. Reddy	Physico-mechanical characterization and biodegradability behavior of polypropylene/poly (L-lactide) polymer blends	Journal Of Polymer Engineering	35	2015	407	415	0.5	

15.	K.S. Thind J. Singh J.S. Saini Haripada Bhunia	Mechanical and wear properties of hybrid epoxy nanocomposites	Indian Journal Of Engineering & Materials Sciences	22	2015	421	428	0.783	
16.	Kshitij Tiwari Sumit Agrawal Raj Kumar Arya	Generalized Pinch Analysis Scheme Using MATLAB	Chemical Engineering & Technology	38	2015	530	536	2.175	
17.	M. Singh Haripada Bhunia J.S. Saini	Effect of Ply Orientation on Strength and Failure Mode of Pin Jointed Unidirectional Glass-epoxy Nanoclay Laminates	Defence Science Journal	65	2015	489	499	0.524	
18.	Mohit Garg Shruti Sharma Rajeev Mehta	Pristine and amino functionalized carbon nanotubes reinforced glass fiber epoxy composites	Composites Part A: Applied Science And Manufacturing	76	2015	92	101	3.627	
19.	Neetu Singh Ram Prasad	Performance of diffusion distillation column for production of fuel grade ethanol	Journal Of Chemical Technology And Biotechnology	90	2015	1847	1854	2.494	
20.	Parminder Kaur Amrit P Singh A K Prince Jai Prakash Kushwaha	Optimization and evaluation of CBSOL LE red wool dye adsorption from aqueous solution onto commercial activated carbon	International Journal Of Environmental Science And Technology	12	2015	3755	3766	1.794	
21.	Parminder Kaur Vikas K Sangal Jai Prakash Kushwaha	Modeling and Evaluation of Electro-oxidation of dye Wastewater Using Artificial Neural Networks	Rsc Advances	5	2015	34663	34671	2.864	
22.	Pooja Puri Rajeev Mehta Sunita Rattan	Synergistic Effects of Clay and GNPs on Electrical and Mechanical Properties of PU/GNP/OMMT Ternary Composite	Journal Of Optoelectronics And Advanced Materials	17	2015	477	483	0.563	

23.	Pooja Puri Rajeev Mehta Sunita Rattan	Synthesis of conductive Polyurethane/Graphite composites for electromagnetic interference shielding	Journal Of Electronic Materials	44	2015	4255	4268	1.552	
24.	Pramod S. Purandare Mandar M. Lele Raj Kumar Gupta	Investigation on thermal analysis of conical coil heat exchanger	International Journal Of Heat And Mass Transfer	90	2015	1188	1196	2.522	
25.	Priyanka Singh Amit Dhir Vikas K Sangal	Optimization of Photocatalytic Process Parameters for the Degradation of Acrylonitrile Using Box Behnken Design	Desalination And Water Treatment	55	2015	1501	1508	1.272	
26.	Raj Kumar Arya Chitresh Kumar Bhargava	Simulation Analysis of Drying of Ternary Polymeric Solution Coatings	Progress in Organic Coatings	78	2015	155	167	2.302	
27.	Sanjeev Ahuja	Discontinuity Analysis for the Treatment of Nonlinear Lumped-Parameter Systems for Singular Inputs	Theoretical Foundations of Chemical Engineering	49	2015	612	621	0.376	
28.	Shilpa Narang Rajeev Mehta S. Nath Upadhyay	Copolymerization of Propylene Oxide and Carbon Dioxide	Current Organic Chemistry	19	2015	2344	2357	2.530	
29.	Singh D Raj Kumar Gupta Kumar V	Simulation of a plant scale reactive distillation column for esterification of acetic acid	Computers and Chemical Engineering	73	2015	70	81	2.452	