

## Department of Chemical Engineering

### Publication Details

Author(s)	Title	Journal Name/conference	Vol(No)	Page No	Year	Indexed in	No of Citations
S.R. Lone and S. A. Ahmad	Modeling and Simulation of a Distillation Column Using MATLAB	International Journal of Research in Engineering Science & Technology	Vol. 2(4)	198-209	2013	Google	2
F. Z. Siddiqui, S. Zaidi, S. Pandey and M. E. Khan	Review of past research and proposed action plan for landfill gas-to-energy applications in India	Waste Management & Research (SAGE Publication)	Vol. 31(1)	3-22	2013	Google	5
A. J. G.Ghadami and M. Idrees	Characterization of CaCO <sub>3</sub> Nanoparticles Synthesized by Reverse Microemulsion Technique in Different Concentrations of Surfactants	Iranian Journal of Chemical Engineering	Vol. 32(3)	27-35	2013	Google	12
MJ Khalil, A. Katiyar, M. Malik and S. Bano	Landfill : A Green Technology Option	International Journal of Engg. And Applied Science	Vol. 1 (01)	33-43	2013	Google	0
MJ Khalil, S. Bano, M. Malik and A. Katiyar	Emerging Scenario of Solid Waste in India	International Journal of Engg. And Applied Science	Vol. 1 (01)	71-84	2013	Google	0
A.khan and FZ Siddiqui	Carbon credit projects in waste water sector: A review of selected case studies in India	Environment Pollution Control Journal	Vol.16(6)	16-	2013	Google	0
V. Katiyar and S. Husain	Treatment on Used Lubricating Oil	Current World Environment	Vol. 5(1)	79-84	2014	Google	3
S. Kalla and S.A. Ahmad	A Study on Pressure Swing Adsorption for Gas Separation	INROADS- An International Journal of Jaipur National University	Vol. 3(1)	243-247	2014	Google	0
N.A. Khan,A.M. Khan & M. Kamil	Modelling of spiral coil heat exchanger:Model with easy simulation using Ms-Excel	Journal of Institution of Engineers(India):Series E Chemical and Textile Engineering	Vol. 95(1)	19-25	2014	Google	1
M A Hakeem, M Kamil, M Asif	Prediction of Boiling Heat Transfer coefficients in Pool Boiling of Liquids Using Artificial Neural Network	Journal of Scientific and Industrial Research	Vol. 73	536-540	2014	Google	1
J. G. A.Ghadami, M.Idrees, and S. A. H.Naqvi	Synthesis and modification of calcium carbonate nano-particle via reverse micro-emulsion method	International Journal of Nano and Biomaterials	Vol. 5(1)	14-26	2014	Google	0

H. A. Zaidi, KK Pant	An oxalic acid treated ZnO, CuO/HZSM-5 catalyst with high resistance to coke formation for the conversion of methanol to Hydrocarbons	International Journal of Green Energy	Vol. 11	376-338	2014	Google	0
FZ Siddiqui	Critical Review of draft MSW management & handling rules-2013	Environment Pollution Control Journal	Vol.18(1)	44-	2014	Google	0
FZ Siddiqui	Biological treatment of waste water using moving bed biofilm reactor-A review	Environment Pollution Control Journal	Vol.17(3)	21-	2014	Google	0
FZ Siddiqui	Odour nuisance from slaughter house in Aligarh-Not a regional but national issue for India	Environment Pollution Control Journal	Vol.17(6)	56-	2014	Google	0
S. Kumar, S.M. Shadab, M. Idrees and F. Doctorovich	Intriguing trimetallic assembly and 2D polymeric sheet driven from a $\text{Cu}_2(\mu\text{-Cl})_2$ Core Complex with Cu(II)metal ion: Crystal structures and Hirshfeld surface analyses	The Royal Society of Chemistry		1-	2014	Google	0
M. Danish and S. P. Singh	A short note on the solution of a multi-effect evaporator system employed in pulp and paper industry	Applied Mathematical Modelling	Vol.38 (15-16)	4157-4160	2014	Google	0
M. Danish	Use of Adomian and Restarted Adomian methods for solving algebraic equations	Journal of Basic and Applied Engineering Research.	Vol. 1(10)	76-89	2014	Google	0
A. M. Anwer and A. Bushra	Aspergillus Niger—a novel heavy metal bio-absorbent and pesticide tolerant fungus	Research Journal of Chemistry and Environment	Vol. 19(2)	57-66	2015	Google	0
S. Zaidi	Novel application of support vector machines to model the two phase boiling heat transfer coefficient in a vertical tube thermosiphonreboiler	Chemical Engineering Research and Design	Vol.98	44-58	2015	Google	2
T.A. Abdullah and H.A. Zaidi	Effect of ZnO and NiO Modified HZSM-5 Catalyst for Ethanol Conversion to Hydrocarbons	International Journal of Chemical Engg. & Applications	Vol.7(3)	151-	2016	Google	0
M. Danish and M. Mubashshir	Comments on a new parametric algorithm for isothermal flash calculations by the Adomian decomposition of Michaelise-Menten type nonlinearities.	Fluid Phase Equilibria	425	278-281	2016	Google	1
M. Danish, Shashi Kumar and S. Kumar.	Optimal Homotopy Based Approximate Solutions for Process Systems Represented by Axial Dispersion Model.	Chemical Engineering Communications	203 (11)	1484-1496	2016	Google	0
N. Parveen, S. Zaidi and M. Danish	Support vector regression model for predicting the sorption capacity of Lead (II).	Perspectives in Science	08	629–631	2016	Google	0