

Eng. SYED SADIQ ALI

Lecturer

Personal Data:

Nationality | INDIAN
Date of Hire | 02/10/2013
Date Rank Obtained | | 02/10/2013
Department | CHEMICAL ENGINEERING
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Education:

Academic Degree	Major	Specialty	Place of Issue	Address	Date
Masters (M.Sc.)	CHEMICAL ENGINEERING	CHEMICAL PROCESS ENGINEERING	King Saud University	RIYADH, KSA	20/03/2011
Bachelor (B.Sc.)	CHEMICAL ENGINEERING	CHEMICAL ENGINEERING	Aligarh Muslim University	ALIGARH, INDIA	15/06/2008

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions):

Master	Improvement of fluidization of nano particles by particle mixing and pulsated flow
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Experiences:

Title of Job	Address of Work	Country	Date	
			From	To
Lecturer	King Faisal University, AlAhsa	Saudi Arabia	From	October 2013
			To	Present
Researcher	King Saud University, Riyadh	Saudi Arabia	From	March 2011
			To	September 2013
Process engineer	Reliance Industries Limited, Bharuch	India	From	September 2008
			To	December 2008

Research Interests:

1. Fluidization of nanopowders
2. Process Modeling and Simulation
3. Process Control

Publications:

#	Name of author(s)	Title of Publication	Publisher	Date of Publication	Link of Publication
1	Syed Sadiq Ali , Agus Arsad, Safdar Hossain, Avijit Basu, Mohammed Asif	Energy Optimization and Effective Control of Reactive Distillation Process for the Production of High Purity Biodiesel	processes	2021	Click Here
2	Syed Sadiq Ali , S. K. Safdar Hossain, Mohammed Asif, Avijit Basu	Dynamics of partially collapsing pulsed fluidized bed	Canadian Journal of Chemical Engineering	2021	Click Here
3	Safdar Hossain et al, Syed Sadiq Ali	Bimetallic Pd-Co Nanoparticles Supported on Nitrogen-Doped Reduced Graphene Oxide as Efficient Electrocatalysts for Formic Acid Electrooxidation	catalysts	2021	Click Here
4	E. H. Al-Ghurabi, Syed Sadiq Ali , Sulaiman M. Alfadul, Mohammed Asif	Experimental investigation of fluidized bed dynamics under resonant frequency of sound waves	Advanced Powder Technology	2019	Click Here
5	Syed Sadiq Ali* , Mohammed Asif, Avijit Basu	Design and simulation of high purity biodiesel reactive distillation process	Polish Journal of Chemical Technology	2019	Click Here
6	Syed Sadiq Ali , Avijit Basu, Sulaiman M. Alfadul, Mohammed Asif	Nanopowder fluidization using combined assisted fluidization techniques of particle mixing and flow pulsation	Applied Sciences	2019	Click Here
7	Syed Sadiq Ali , E. H. Al-Ghurabi, A. A. Ibrahim, Mohammed Asif	Effect of adding Geldart group A particles on the collapse of fluidized bed of hydrophilic nanoparticles	Powder Technology	2018	Click Here
8	Syed Sadiq Ali , Safdar Hossain, Mohammad Asif	Dynamic modeling of the isoamyl acetate reactive distillation process	Polish Journal of Chemical Technology	2017	Click Here
9	Syed Sadiq Ali , Mohammad Asif	Effect of particle mixing on the hydrodynamics of fluidized bed of nanoparticles	Powder Technology	2017	Click Here
10	Syed Sadiq Ali , E. H. Al-Ghurabi, A. Ajbar, Y. Mohd, M. Boumaza, Mohammad Asif	Effect of Frequency on Pulsed Fluidized Beds of Ultrafine Powders	Journal of Nanomaterials	2016	Click Here
11	Syed Sadiq Ali , Mohammed Shahabuddin, Mohammad Asif	In Situ Monitoring of Dispersion Dynamics of Carbon Nanotubes during Sonication Using Electrical Conductivity Measurements	Journal of Nanomaterials	2015	Click Here
12	Syed Sadiq Ali , Mohammad Asif	Bed Collapse Behavior of Pulsed Fluidized beds of Nano-powder	Advanced Powder Technology	2014	Click Here
13	Mohammad Asif, Syed Sadiq Ali	Bed Collapse Dynamics of Fluidized beds of Nano-powder	Advanced Powder Technology	2013	Click Here
14	Syed Sadiq Ali , Mohammed Asif	Fluidization of nano-powders: Effect of flow pulsation	Powder Technology	2012	Click Here



15	A Ajbar, Y. Bakhbakhi, S. Ali , M. Asif	Fluidization of nano-powders: Effect of sound vibration and pre-mixing with group A particles	Powder Technology	2011	Click here
16	M.A. Hakeem, M. M. Ali, R. Singhal, Syed Sadiq Ali	Modeling of Non-Isothermal Batch Reactor Using Fuzzy Logic	IChE	2009	Click Here
17	Syed Sadiq Ali , Agus arsad, Mohammed Asif	Effect of modified inlet flow strategy on the segregation phenomenon in pulsed fluidized bed of ultrafine particles: A collapse bed study	Chemical Engineering and Processing - Process Intensification	2020	Click Here
18	Syed Sadiq Ali , Agus Arsad, Safdar Hossain, Mohammed Asif	Acoustic attenuation in a static bed of ultrafine particles: A detailed insight study	Advanced Powder Technology	Under review	Under Review

Language Proficiency:

1. English