

Dr. Avijit Basu

Assistant Professor

Personal Data:

Nationality | Canada
Date of Hire | 10 September 2018
Date Rank Obtained | 12 September 2018
Department | Chemical Engineering
Email | abasu@kfu.edu.sa
Office No | 2045
Office Phone No | 5416



Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	Chemical Engineering	Adsorption	Canada	Dalhousie University, Canada	2005
Masters (M.Sc.)	Chemical Engineering	Solid waste Management	USA	South Dakota School of Mines and Technology, USA	1993
Bachelor (B.Sc.)	Chemical Engineering	Petroleum Refining	India	Aligarh Muslim University, India	1985

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

PhD	Experimental and Numerical Studies of a Novel Technique for Abatement of toxic Metals from Aqueous Waste streams
Master	Incineration of Hazardous wastes

Experiences:

Title of Job	Address of Work	Country	Date	
Instructor and Research Engineer	South Dakota School of Mines and Technology, Rapid City	USA	From	2015
			To	2017
Assistant Professor	Hindustan College of Science and Technology	India	From	2013
			To	2015

Research Interests:

1. Adsorption
2. Microfluidics
3. Enhanced Oil Recovery
4. Bioremediation

Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1	Syed Sadiq Ali, Agus B Arsad, SK Safdar Hossain, Avijit Basu, Mohammad Asif	Optimization and effective control of reactive distillation process for the production of high purity biodiesel	2021, July 1	Processes
2	SadiqAli, M.Asif and A.Basu	Design and Simulation of high Purity biodiesel reactive distillation process	2019, September 1	Polish Journal of Chemical Technology
3	SadiqAli, Basu, A., Alfahdu and M.Asif	Nanopowder Fluidization using the combined assisted fluidization Techniques of Particle Mixing and Flow Pulsation	2019, January 9	Applied Science

Language Proficiency:

1. English
2. Hindi
3. Bengali