

Sayed Rushd

Assistant Professor

Personal Data:

Nationality | Canadian
Date of Hire | 31st December 2017
Date Rank Obtained | Assistant Professor
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Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	Chemical Engineering	Fluid Mechanics	Canada	Edmonton, AB	Jan 2016
Masters (M.Sc.)	Chemical Engineering	Process Engineering	Canada	Edmonton, AB	Aug 2008
Bachelor (B.Sc.)	Chemical Engineering	Petroleum Engineering	Bangladesh	Dhaka	Jan 2005

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

PhD	A new approach to model friction losses in the water-assisted pipeline transportation of heavy oil and bitumen
Master	A capacitance sensor for pipeline flows of oil-water mixtures

Experiences:

Title of Job	Address of Work	Country	Date	
			From	To
Assistant Professor	King Faisal University	Saudi Arabia	Jan 2018	Present
Research Associate	Texas A&M University at Qatar	Qatar	Apr 2016	Oct 2017
Project Engineer	Matrikon Inc.	Canada	Aug 2008	Apr 2009

Research Interests:

1. Multiphase Flow
2. Computational Fluid Dynamics
3. Artificial Intelligence (Engineering Applications)
4. Desalination

Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1	S Rushd, MT Parvez, MA Al-Faiad, MM Islam	Towards optimal machine learning model for terminal settling velocity	Powder Technology (2021)	Click Here
2	S Rushd, M McKibben, RS Sanders	A new approach to model friction losses in the water-assisted pipeline transportation of heavy oil and bitumen	Canadian Journal of Chemical Engineering (2019)	Click Here
3	S Rushd, M Rahman, M Arifuzzaman, SA Ali, F Shalabi, M Aktaruzzaman	Predicting pressure losses in the water-assisted flow of unconventional crude with machine learning	Petroleum Science and Technology (2021)	Click Here
4	SR Rehman, AA Zahid, A Hasan, I Hassan, MA Rahman, S Rushd	Experimental investigation of volume fraction in an annulus using electrical resistance tomography	SPE Journal (2019)	Click Here
5	S Rushd, M Rahman, M Arifuzzaman, M Aktaruzzaman	A decision support system for predicting settling velocity of spherical and non-spherical particles in Newtonian fluids	Particulate Science and Technology (2021)	Click Here

Language Proficiency:

1. English
2. Bangla
3. Arabic