Dr. Mohammad Anwar Parvez

Assistant Professor

Personal Data:

Nationality | Bangladeshi
Date of Hire | 13th August 2023
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Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	Chemical	Polymer and Asphalt	KFUPM, KSA	KFUPM, Dhahran, Saudi Arabia.	29th May 2013
Masters (M.Sc.)	Chemical	Polymer and Rheology	KFUPM, KSA	KFUPM, Dhahran, Saudi Arabia.	21st May 2008
Bachelor (B.Sc.)	Chemical	Natural Gas Engineering	BUET, Dhaka, Bangladesh	BUET, Dhaka, Bangladesh	30th January 2004

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

PhD	Improvement of Asphalt Performance Using Industrial Wastes
Master	Rheological, Thermal and Mechanical Characterization of Metallocene Polyethylene with Controlled Long Chain Branching

Experiences:

Title of Job	Address of Work	Country	Date	
Assistant Professor	King Faisal University, Al Ahsa.	Saudi Arabia	From	13th August 2023
			To	Present
Assistant Professor	University of Hafr Al Batin, Hafr Al Batin.	Saudi Arabia	From	1st September 2014
			To	30th June 2023
Post-Doctoral fellow	King Fahd University of Petroleum & Minerals, Dhahran.	Saudi Arabia	From	May 2013
			To	May 2014
Lecturer-B	King Fahd University of Petroleum & Minerals, Dhahran.	Saudi Arabia	From	September 2008
			To	May 2013

Research Interests:

1. Asphalt Modification
2. Rheology
3. Heavy oil
4. Industrial waste management

Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1	SH Abbasi, IA Hussein, **MA Parvez**	Nonisothermal crystallization kinetics study of LDPE/MWCNT nanocomposites: effect of aspect ratio and surface modification.	Journal of Applied Polymer Science (2011)	https://onlinelibrary.wiley.com/doi/full/10.1002/app.32536
2	**MA Parvez**, M Al-Mehthel, HI Al-Abdul Wahhab, IA Hussein	Utilization of sulfur and crumb rubber in asphalt modification.	Journal of Applied Polymer Science (2014)	https://onlinelibrary.wiley.com/doi/abs/10.1002/app.40046
3	**MA Parvez**, M Rahaman, MA Suleiman, JBP Soares, IA Hussein	Correlation of polymerization conditions with thermal and mechanical properties of polyethylenes made with Ziegler-Natta catalysts.	International Journal of Polymer Science (2014)	https://www.hindawi.com/journals/ijps/2014/549031/
4	**MA Parvez**, HI Al-Abdul Wahhab, RA Shawabkeh, IA Hussein	Asphalt modification using acid treated waste oil fly ash.	Construction and Building Materials (2014)	https://www.sciencedirect.com/science/article/pii/S0950061814007697
5	**MA Parvez**, M Rahaman, JBP Soares, IA Hussein, MA Suleiman	Effect of long chain branching on the properties of polyethylene synthesized via metallocene catalysis.	Polymer Science Series B (2014)	https://link.springer.com/article/10.1134/S156009041466004X
6	M Rahaman, MA Parvez, JBP Soares, IA Hussein	Effect of polymerization conditions on thermal and mechanical properties of ethylene/1-butene copolymer made with Ziegler-Natta catalysts.	International Journal of Polymer Science (2014)	https://www.hindawi.com/journals/ijps/2014/654260/#:~:text=The%20effect%20of%20polymerization%20conditions,storage%20modulus%2C%20and%20melting%20temperature.
7	**MA Parvez**, HIAA Wahhab, IA Hussein, M Al-Mehthel, SH Al-Idi	Enhancing properties of sulfur extended asphalt using polyethylene wax.	US Patent 9,546,275 Published on 2017	https://patents.google.com/patent/CA2902610A1/nl
8	M Al-Mehthel, **MA Parvez**, HIAA Wahhab, IA Hussein, SH Al-Idi	Sulfur extended asphalt modified with crumb rubber for paving and roofing.	US Patent 10,407,557 Published in 2019	https://patents.google.com/patent/WO2015023494A1/en
9	M Al-Mehthel, **MA Parvez**, HIAA Wahhab, IA Hussein, SH Al-Idi	Method of making sulfur extended asphalt modified with crumb rubber.	US Patent 10,240,040 Published in 2019	https://patents.google.com/patent/US20170183499A1/en

10	HIAA Wahhab, IA Hussein, **MA Parvez**, RA Shawabkeh	Use of modified oil fly ash to enhance asphalt concrete performance.	Materials and Structures (2015)	https://link.springer.com/article/10.1617/s11527-014-0393-5
11	**MA Parvez**, HI Al-Abdul Wahhab, IA Hussein, M Al-Mehthel	Thermorheology of Polyethylene Wax Modified Sulfur Asphalt.	International Polymer Processing (2015)	https://www.degruyter.com/document/doi/10.3139/217.2977/html?lang=en
12	Zaheer Aslam, Ibnelwaleed A. Hussein , Reyad A. Shawabkeh , **MA Parvez**, Waqar Ahmad & Ihsanullah	Adsorption kinetics and modeling of H_2S by treated waste oil fly ash.	Journal of the Air & Waste Management Association, (2019)	https://www.tandfonline.com/doi/full/10.1080/10962247.2018.1536004
13	Abdullah N, Hasan N, Eissa M and **MA Parvez**	The Investigation of the Effects of N_2 Injection on Oil Productivity in Cornea Field, Western Australia.	Novel Research in Sciences Volume (2021)	https://crimsonpublishers.com/nrs/pdf/NRS.000697.pdf

Language Proficiency:

1. English
2. Bengali
3. Urdu