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<b>Name</b>		Prof. Dr. Azmatullah Khan Sherani		
<b>Designation</b>		Professor/ Chairman		
<b>Department</b>		Mechanical Engineering		
<b>Research Profile</b>		ORCID ID: <a href="https://orcid.org/my-orcid?orcid=0000-0001-5839-5816">https://orcid.org/my-orcid?orcid=0000-0001-5839-5816</a>		
		Research Gate ID: <a href="https://www.researchgate.net/profile/Azmatullah_Khan_Sherani">https://www.researchgate.net/profile/Azmatullah_Khan_Sherani</a>		
		Google Scholar Profile ID: <a href="https://scholar.google.co.kr/citations?user=Eu3vdYsAAAAJ&amp;hl=en">https://scholar.google.co.kr/citations?user=Eu3vdYsAAAAJ&amp;hl=en</a>		
<b>E-mail address</b>		Official	azmat.ullah@buitms.edu.pk	
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<b>Telephone Number</b>		Office Extension	081-111-717-111 (418)	
		Mobile	0092-315-2400366	
<b>Qualification</b>				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
	Post Doctorate			
2018	PhD	Hanyang University, Seoul, South Korea	Environmental Engineering	
2010	MS/ Mphil	NED University of Engineering and Technology, Karachi, Pakistan	Quality Management	
2005	Graduation	Dawood College of Engineering and Technology, Karachi, Pakistan	Industrial Engineering and Management	
<b>Publications in HEC Recognized journals</b>				
S. No	Title of Paper	Name of Journal	National/ International	Publication date
1	K Kim, JE Szulejko, N Raza, V Kumar, K Vikrant, DCW Tsang, N S Bolan, Y S Ok, <b>A Khan</b> "Identifying the best materials for the removal of airborne toluene based on performance metrics - A critical review" <i>Journal of Cleaner Production</i> vol. 241, pp 118408 <b>2019</b> .	<i>Journal of Cleaner Production</i>	International	2019/9/13
2	K Vikrant, M Cho, <b>A Khan</b> , KH Kim, WS Ahn, EE Kwon "Adsorption properties of advanced functional materials against gaseous formaldehyde" <i>Environmental research</i> 178, 508-516, vol. 178, pp 108672, <b>2019</b> .	<i>Environmental research</i>	International	2019/11/1
3	P Samaddar, KH Kim, ACK Yip, M Zhang, JE Szulejko, <b>A Khan</b> , "The unique features of non-competitive vs. competitive sorption: Tests	<i>Environmental research</i>	International	2019/06/1

	against single volatile aromatic hydrocarbons and their quaternary mixtures" <i>Environmental research</i> , vol. 173, pp 508-516, <b>2019</b> .			
4	HA Maitlo, KH Kim, <b>A Khan</b> , JE Szulejko, JC Kim, HN Song, WS Ahn, "Competitive adsorption of gaseous aromatic hydrocarbons in a binary mixture on nanoporous covalent organic polymers at various partial pressures" <i>Environmental research</i> vol. 173, pp 1-11, <b>2019</b> .	<i>Environmental research</i>	International	2019/06/1
5	<b>A. Khan</b> , J. E. Szulejko, K.-H. Kim, and R. J. Brown, "Airborne volatile aromatic hydrocarbons at an urban monitoring station in Korea from 2013 to 2015," <i>Journal of environmental management</i> , vol. 209, pp. 525-538, <b>2018</b> .	<i>Journal of environmental management</i>	International	2018/03/1
6	<b>A. Khan</b> , J. E. Szulejko, K.-H. Kim, P. Samaddar, S. S. Lee, X. Yang, , "A comparison of figure of merit (FOM) for various materials in adsorptive removal of benzene under ambient temperature and pressure," <i>Environmental research</i> , vol. 168, pp. 96-108, <b>2019</b> .	<i>Environmental research</i>	International	2019/1/1
7	<b>A. Khan</b> , J. E. Szulejko, P. Samaddar, K.-H. Kim, B. Liu, H. A. Maitlo, "The potential of biochar as sorptive media for removal of hazardous benzene in air," <i>Chemical Engineering Journal</i> , vol. 361 pp 1576-1585, <b>2019</b> .	<i>Chemical Engineering Journal</i>	International	2019/4/1
8	H. A. Maitlo, J. H. Kim, K.-H. Kim, J. Y. Park, and <b>A. Khan</b> , "Metal-air fuel cell electrocoagulation techniques for the treatment of arsenic in water," <i>Journal of Cleaner Production</i> , <b>2018</b> .	<i>Journal of Cleaner Production</i>	International	2018/10/1
9	<b>A Khan</b> , JE Szulejko, P Samaddar, KH Kim, W Eom, SB Ambade, TH Han "The effect of diverse metal oxides in graphene composites on the adsorption isotherm of gaseous benzene" <i>Environmental research</i> 172, 367-374, <b>2019</b> .	<i>Environmental research</i>	International	2019/5/1
10	<b>A Khan</b> , JE Szulejko, MS Bae, ZH Shon, JR Sohn, JW Seo, EC Jeon, K H Kim "Long-term trend analysis of CO in the Yongsan district of Seoul, Korea, between the years 1987 and 2013" <i>Atmospheric Pollution Research</i> vol. 8 (5), pp 988-996, <b>2017</b> .	<i>Atmospheric Pollution Research</i>	International	2017/9/1
11	<b>A Khan</b> , KH Kim, JE Szulejko, RJC Brown, EC Jeon, JM Oh, YS Shin, A A Adelodun "Long-term trends in airborne SO2 in an air quality monitoring station in Seoul, Korea, from 1987 to 2013" <i>Journal of the Air &amp; Waste Management Association</i> vol. 67 (8), pp 923-932, <b>2017</b> .	<i>Journal of the Air &amp; Waste Management Association</i>	International	2017/8/3
12	<b>A Khan</b> , SJ Mandokhail, N Mohammad, Z Baloch, M Siddique, M Akram "Comparative Analysis of Pressure Regions of Gaseous Benzene Using Ground Activated Carbon Sorbents Under Ambient Conditions" <i>Journal of Applied and Emerging Sciences</i> 8 (2), pp160-167, <b>2019</b> .	<i>Journal of Applied and Emerging Sciences</i>	National	2019/4/3

13	N Muhammad, <b>A Khan</b> , Z Baloch, M Habib, SJ Mandokhail "Effect of Cable Stiffness and Waves Parameters on the Dynamic Responses of Submerged Floating Tunnel" <i>Journal of Applied and Emerging Sciences</i> 8 (2), pp 152-159, <b>2019</b> .	<i>Journal of Applied and Emerging Sciences</i>	National	2019/4/3
14	M Siddique, AS Jatoi, SA Soomro, AN Mengal, M Ayat, SJ Mandokhail, <b>A Khan</b> "Effective Utilization of Cow Dung with Distillery Waste Water as Substrate in Microbial Fuel Cell for Electricity Generation" <i>Journal of Applied and Emerging Sciences</i> 8 (2), pp 138-145, <b>2019</b> .	<i>Journal of Applied and Emerging Sciences</i>	National	2019/4/3
15	M Siddique, AN Mengal, SA Soomro, S Aziz, MN Khan, F Mushtaq, G Khan, A S Jatoi, <b>A Khan</b> "Development of Laboratory Scale Microbial Fuel Cell for Electricity Generation from Cow Dung Manure Using Microbes" <i>Journal of Applied and Emerging Sciences</i> vol. 8 (2), pp 102-107, <b>2019</b> .	<i>Journal of Applied and Emerging Sciences</i>	National	2019/4/3
16	B Liu, <b>A Khan</b> , KH Kim, D Kukkar, M Zhang "Adsorptive removal of lead ions in Aquatic media: performance comparison between advanced functional materials and conventional materials" <i>Critical Reviews in Environmental Science and Technology</i> 2019 (Under review) <b>2019</b> .	<i>Critical Reviews in Environmental Science and Technology</i> 2019	International	2019/20/9
17	N Muhammad, M Habib, SJ Mandokhail, Z Baloch, <b>A Khan</b> , "Dynamic Characteristics of submerged floating tunnel under irregular waves" <i>Journal of Applied and Emerging Sciences</i>	<i>Journal of Applied and Emerging Sciences</i>	National	2019/4/3
18	P Kumar, E Vejerano, <b>A Khan</b> , G Lisak, JH Ahn, KH Kim, "Metal organic frameworks (MOFs): Currents trends and challenges in control and management of air quality" <i>Korean Journal of Chemical Engineering</i> 36 (11), 1839-1853	<i>Korean Journal of Chemical Engineering</i>	International	2019/11/1
19	Z Baloch, M A Sikandar, N Mohmmad N, S J Mandokhail, M Habib, <b>A K Sherani</b> "Proposal of a mobile ecosystem for efficient collection of Municipal Solid Waste" <i>ICSDDC</i> 2019 (Under review) <b>2019</b> .	<i>ICSDDC</i> 2019	National	2019
20	N Muhammad, Z Baloch, M Habib, S Jan, <b>A Khan</b> "Dynamic Response analysis of Submerged Floating Tunnel under waves and Earthquakes" <i>ICEC</i> <b>2019</b>	<i>ICSDDC</i> 2019	National	2019
21	<b>A Khan</b> , M Habib, M Irfan, M Akram, N Muhammad, N Ali, S K Sami, Z Baloch, S Yousaf, N Ullah, M D Saleem, S Shahid, M Sanaullah, Z Khan, S Kakar, M Malik "Removal of Hazardous Materials from Residential and Commercial Liquid Waste Using Solid Sorbents" <i>Journal of Applied and Emerging Sciences</i>	<i>Journal of Applied and Emerging Sciences</i>	National	2021/6/8
22	<b>A Khan</b> , SJ Mandokhail, N Mohammad, Z Baloch, M Siddique, M Akram "Comparative Analysis of Pressure Regions of Gaseous Benzene	<i>Journal of Applied and Emerging Sciences</i>	National	2021/4/3

	Using Ground Activated Carbon Sorbents Under Ambient Conditions <i>Journal of Applied and Emerging Sciences</i> 8 (2), pp160-167			
<b>Paper Presented</b>				
S. No	Title of Paper	Name of Conference	National/ International	Date
<b>Books Authored/ Edited</b>				
S. No	Name of book	Publisher	ISBN	
<b>Work Experience</b>				
S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	Dec, 2021	Till Date	Department of Mechanical Engineering, Balochistan University of Information Technology Engineering and Management Sciences Quetta (BUIITEMS), (Pakistan)	Professor
2	May, 2019	Dec, 2021	Department of Mechanical Engineering, Balochistan University of Information Technology Engineering and Management Sciences Quetta (BUIITEMS), (Pakistan)	Assistant Professor
3	Dec, 2012	May, 2019	Department of Civil Engineering, Balochistan University of Information Technology Engineering and Management Sciences Quetta (BUIITEMS), (Pakistan)	Assistant Professor
4	Sep, 2011	Dec, 2012	Department of Chemical Engineering, Balochistan University of Information Technology Engineering and Management Sciences Quetta (BUIITEMS), (Pakistan).	Lecturer
5	Apr, 2010	Sep, 2011	ALLADIN Govt. contractor, Karachi, (Pakistan)	Senior Project Manager
6	Aug, 2009	Apr, 2010	Peoples Steel Mills Ltd, Karachi (Pakistan)	Assistant Manager (QA & QC)
7	Oct, 2006	Aug, 2009	Javedan Corporation Limited, Karachi, (Pakistan)	Assistant Manager (Production Planning & Control)
8	Aug, 2005	Oct, 2006	ALLADIN Govt. contractor, Karachi, (Pakistan)	Assistant Project Manager
<b>Area of specialization</b>			Atmospheric Pollution, Liquid waste water treatment, Hazardous material removal, Removal of volatile organic compounds, and Air Quality Management.	
<b>Research Interest</b>			Solid Waste Management	
<b>Future Research Plans</b>			Solid Waste Management, Treatment, and Plan.	

<b>HEC Approved supervisor</b>	Yes
<b>HEC project proposals review member</b>	Yes
<b>If Yes, provide HEC URL</b>	<a href="https://www.hec.gov.pk/english/scholarshipsgrants/ASA/Pages/APS-EPORTAL.aspx">https://www.hec.gov.pk/english/scholarshipsgrants/ASA/Pages/APS-EPORTAL.aspx</a>
<b>Member for industrial inspection (Govt. of Balochistan)</b>	Member of inspection committee for Boiler inspection
<b>Member for review of EIA report Environmental Protection Agency (Govt. of Balochistan)</b>	Member to review the EIA reports for Environmental Protection Agency (Govt. of Balochistan)
<b>Research grants/ Projects</b>	Higher Education Commission of Pakistan (HEC) start-up project (PKR 0.5 Million)
<b>MS thesis supervision</b>	Supervised 06 MS thesis, while 04 are in progress.
<b>Additional Information:</b>	
<ol style="list-style-type: none"> <li>1. Life time subscription. (Pak. Engg. Council): <a href="https://verification.pec.org.pk/EngineersVerification/SearchEngineer">https://verification.pec.org.pk/EngineersVerification/SearchEngineer</a></li> <li>2. <b>Reviewer: (Journal of Hazardous material: International Journal) Q1 rank journal</b></li> <li>3. <b>Reviewer: (Current opinion in Elector-chemistry: International Journal) Q1 rank journal</b></li> </ol>	