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Designation	Assistant Professor			
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Faculty	Engineering & Architecture			
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Qualification				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
2022	Ph.D.	Prince of Songkla University (PSU), Thailand	Sustainable Energy Management (Environmental Management)	
2017	MS	Universiti Teknologi Brunei (UTB), Brunei Darussalam	Civil Engineering (Water Resources Engineering)	
2010	Graduation	BUITEMS Quetta, Pakistan	Chemical Engineering	
Publications in HEC Recognized Journals				
S. #	Title of Paper	Name of Journal	National/ International	Publication Date
1	Synthesis of Bio-Metal Organic Framework-11 Based Mixed Matrix Membrane for Efficient Carbon Dioxide Separation	Pakistan Journal of Analytical and Environmental Chemistry	National	Dec 2022
2	Potential Techniques for Conversion of Lignocellulosic Biomass into Biofuels	Pakistan Journal of Analytical and Environmental Chemistry	National	Jul 2022
3	Drought Variability Assessment using Standardized Precipitation Index, Reconnaissance Drought Index and Precipitation Deciles across Balochistan, Pakistan	Brazilian Journal of Biology	International	Mar 2022
4	Elimination of selected heavy metals from aqueous solutions using biochar and bentonite composite monolith in a fixed-bed operation	Journal of Environmental Chemical Engineering	International	Dec 2021
5	Increasing Trends of Traffic Accidents in Quetta: Causes and Solutions	Balochistan Journal of Engineering & Applied Sciences	National	Dec 2021

6	Analysis of Debris Flow in Kedayan River of Brunei Darussalam	Journal of Applied and Emerging Sciences	National	Dec 2021
7	Drought monitoring based on Standardized Precipitation Index and Standardized Precipitation Evapotranspiration Index in the Arid Zone of Balochistan Province of Pakistan	Arabian Journal of Geosciences	International	Jan 2021
8	Qualitative Analysis of Plastic Debris on Beaches of Brunei Darussalam	Pollution	International	Jun 2020
9	Fabrication of Lab Scale Greywater Filtration Plant for Water Management in Quetta, Pakistan	Journal of Applied and Emerging Sciences	National	Jun 2020
10	Physical Assessment of Marine Debris Along the Coast of Brunei Darussalam	Journal of Applied and Emerging Sciences	National	Dec 2019
11	Removal of Zinc (II) from municipal wastewater using chemically modified activated carbon developed from Rice husk and Kikar charcoal	Journal of Applied and Emerging Sciences	National	Jul 2019
12	Desalination of Seawater Using Lab Scale Solar Plant	Journal of Applied and Emerging Sciences	National	Jul 2019
13	Comparative Study of Coal and Biomass Co-Combustion with Coal Burning Separately Through Emissions Analysis	Pakistan Journal of Analytical & Environmental Chemistry	National	Jun 2016

Paper Presented

S. #	Title of Paper	Name of Conference	National/ International	Date
1	Quantitative Analysis of Marine Debris along the Sea Beaches of Brunei Darussalam	The 7th Brunei International Conference on Engineering and Technology 2018 (BICET 2018), Brunei Darussalam	International	Nov 12 – 14, 2018
2	In-plane shear strength analysis of Basalt Fiber-Reinforced Epoxy Laminates with biowaste catalyst free carbon	1st International Conference on Advances in Engineering and Technology (ICAET 2018), Pakistan	International	Apr 2-3, 2018
3	Analysis of Debris Flow in Kedayan River, Brunei Darussalam	The 6th Brunei International Conference on Engineering & Technology (BICET 2016), Brunei Darussalam	International	Nov 14 – 16, 2016

4	Desalination of Sea Water Using Lab Scale Solar Plant	The 6th Brunei International Conference on Engineering & Technology (BICET 2016), Brunei Darussalam	International	Nov 14 – 16, 2016
5	Hydrothermal Synthesis of Zinc Stannate (ZTO) Nanoparticles at Room Temperature, Effect of Precursor Concentration on the Size of Particles	The 6th Brunei International Conference on Engineering & Technology (BICET 2016), Brunei Darussalam	International	Nov 14 – 16, 2016
6	Municipal Wastewater Treatment Using Rice Husk and Kikar Charcoal as Activated Carbon	International Research Symposium on Engineering Advancements, SAITM Malabe, Sri Lanka	International	Jun 4, 2016

Books Authored/ Edited

S. #	Name of book	Publisher	ISBN
1	N/A		

Work Experience

S. #	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	Feb 2018	Till date	Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS) Quetta, Pakistan	Assistant Professor
2	Dec 2012	Feb 2018	Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS) Quetta, Pakistan	Lecturer
3	May 2011	Dec 2012	People's Primary Health Initiatives (PPHI), Balochistan	Monitoring & Evaluation Officer
4	Jan 2011	April 2011	Haseeb Waqas Group of Companies, Pakistan	Process Engineer

Area of specialization	Remote Sensing, GIS, Integrated Drought Management, Water Treatment, Water Resources Management, Environmental Engineering/Management.
Research Interest	Environmental Management, Water Resources Engineering & Management, Remote Sensing, Geographic Information System (GIS) for Environmental Management
Future Research Plans	Drought Risk Assessment and Mitigation Strategies, Regional Climate Change Studies, Water Resources Management in Balochistan, Municipal Solid Waste Management, Sustainable Energy Technologies.
HEC Approved supervisor	Yes
If yes, provide HEC URL	https://www.hec.gov.pk/english/scholarshipsgrants/ASA/Pages/APS-EPORTAL.aspx
Research grants/ Projects	Applied for

Additional Information:

Research in Progress:

1. **Zahid Naeem Qaisrani**, Narissara Nuthammachot, Kuaanan Techato, Asadullah (2022). Drought Vulnerability Assessment Using Geospatial Techniques Across Balochistan Province of Pakistan. **(Under Review)**.
2. Asif Naeem, Shazia, Aziza Noor, Khurshid Ahmed Baloch, **Zahid Naeem Qaisrani** (2022). Route of Administration of Nanoparticles Combating a Resistant Bacterium. *Current Microbiology*. **(Under Review)**.
3. Muhammad Siddique, Suhail Ahmed Soomro, **Zahid Naeem Qaisrani**, Asadullah (2022). Lignocellulosic Biomass Utilization and Lignin Extraction for Biofuel Production as a Valuable Energy Source. *Pakistan Journal of Analytical & Environmental Chemistry*. **(Under Review)**.
4. Asadullah, Asif Naeem, **Zahid Naeem Qaisrani**, Imran Rab Nawaz, Saud Shah (2022). Desulphurization of Low Rank Coal (Lignite & Peat) using *Pseudomonas aeruginosa*. **(In Progress)**.
5. Asadullah, Asif Naeem, **Zahid Naeem Qaisrani**, Imran Rab Nawaz, Saud Shah (2022). Comparative Study of bio-desulphurization of Coal from Duki (Pakistan) using *Pseudomonas aeruginosa*. **(In Progress)**.

Achievements:

2019	2019 Geoinformatics Summer School Wuhan University, China
2018	IGS-Energy Scholarship for Master and PhD Studies, PSU, Thailand
2016	Nagaoka Summer School for Young Engineers (NASSYE), Japan
2015	Brunei Darussalam Government Scholarship for session 2015/16, BD

Memberships

Registered Engineer	Pakistan Engineering Council
Associate Member	Pakistan Institute of Chemical Engineers
Editor	Pakistan Journal of Biotechnology
Edit. Adv. Board	Journal of Applied Research in Plant Sciences
Member	World Society of Sustainable Energy Technologies
Member	Thai Institute of Chemical Engineering and Applied Chemistry
Member	American Academy of Environmental Engineers and Scientists
Member	Pertubuhan Ukur Jurutera & Arkitek (PUJA), Brunei Darussalam

Reviewer for International Journals

1. Groundwater for Sustainable Development – **Elsevier**
2. Sustainable Environment Research – **Springer**
3. Lakes & Reservoirs: Sci, Policy and Mgmt. for Sustainable Use – **Wiley**
4. Arabian Journal of Geosciences – **Springer**
5. Environmental Earth Sciences- **Springer**