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Qualification

Year	Degree/Certificate	Name of the Institute/ University	Field of study
2018	PhD	Hanyang University Seoul, South Korea.	Structural Engineering
2014	MS	Hanyang University Seoul, South Korea.	Structural Engineering
2010	Graduation	University of Engineering and Technology (UET) Peshawar, Pakistan.	Civil Engineering

Journals Publications

S. No	Title of Paper	Name of Journal	National/ International	Publication date
1	Effect of hydrostatic nonlinearity on the large amplitude response of a spar type floating wind turbine	Ocean Engineering	International	2019
2	Assessment of the dynamic behaviors of submerged floating tunnel under a high-speed train loading	Oceanography & Fisheries Open Access Journal (OFOAJ)	International	2019
3	A numerical procedure accounting for fluid drag forces and cable extensibility for the static response of mooring cables	International Journal of Steel Structures	International	2018
4	Performance evaluation of submerged floating tunnel	Applied Sciences	International	2017

	subjected to hydrodynamic and seismic excitations			
5	The role of cable stiffness in the dynamic behaviors of submerged floating tunnel	MATEC Web of Conferences	International	2017
6	On the effect of drag forces in mooring system restoring forces	MATEC Web of Conferences	International	2017
7	Assessment of the seismic performance of submerged floating tunnel under multi-support seismic excitations	NED University Journal of Structural Mechanics	National	2019
8	Effect of cable stiffness and waves parameters on the dynamic responses of submerged floating tunnel	BUITEMS Journal of Applied and Emerging Sciences	National	2019
9	Comparative analysis of sorption regions of gaseous benzene using ground activated carbon sorbents under ambient conditions	BUITEMS Journal of Applied and Emerging Sciences	National	2019
10	Dynamic Characteristics of submerged floating tunnel under irregular waves	BUITEMS Journal of Applied and Emerging Sciences	National	2019
11	Dynamic Response Study of a Single Tower Cable Stayed Bridge using Finite Element Method	BUITEMS Journal of Applied and Emerging Sciences	National	2019
12	1D Effective Stress Site Response Analysis; Using Stress Based Pore Pressure Model and Plasticity Model	BUITEMS Journal of Applied and Emerging Sciences	National	2019
13	Dynamic analysis of submerged floating tunnel under a high-speed train	Mehran University Research Journal of Engineering	HEC Ranked: X-Category (Submitted)	2020
14	Proposal of a mobile ecosystem for efficient collection of Municipal Solid Waste	Mehran University Research Journal of Engineering	HEC Ranked: X-Category (Submitted)	2020
15	Development of site specific liquefaction resistance (CRR-N) curve	Mehran University Research Journal of Engineering	HEC Ranked: X-Category (Submitted)	2020
Conference Papers Presented				
S. No	Title of Paper	Name of Conference	National/ International	Date
1	Dynamic analysis of submerged floating tunnel under a high-speed train	International Conference on Sustainable	International	MUET, Pakistan (December 05-07, 2019)

		Development in Civil Engineering		
2	Assessment of the seismic performance of submerged floating tunnel under multi-support seismic excitations	First South Asia Conference on Earthquake Engineering (SACEE'19)	International	21-22 February 2019, Karachi, Pakistan
3	Dynamic response analysis of submerged floating tunnel under waves and earthquakes	10th International Civil Engineering Conference (ICEC-2019) "Technological Transformation of Civil Engineering".	International	February 23-24, 2019, Karachi, Pakistan
4	Codes Comparison for the Seismic Response of SMRF: A Case Study Of Quetta Balochistan	10th International Civil Engineering Conference (ICEC-2019) "Technological Transformation of Civil Engineering".	International	February 23-24, 2019, Karachi, Pakistan
5	Effect of hydrostatic nonlinearity on large amplitude response of floating offshore wind turbines	29th Annual Conference Korean Society of Steel Construction	International	May 30-June 01, 2018, Mokpo, South Korea
6	Effect of nonlinear hydrostatic stiffness on response of floating wind turbine	The 2017 World Congress on Advances in Structural Engineering and Mechanics (ASEM17)	International	28 August- 1 September, 2017, Seoul, South Korea
7	Effect of Viscous Drag on Mooring Line Restoring Forces	KSCE 2016 CONFERENCE & CIVIL EXPO	International	2016, ICC JEJU, South Korea.
8	Effect of axial stiffness on the static response of mooring cables	KSCE 2015 CONFERENCE & CIVIL EXPO	International	2015, Seoul, South Korea
9	Bending, buckling and free vibration analyses of isotropic plates resting on elastic foundations by a simple first-order shear deformation theory	KSCE Conference	International	2013, Seoul, South Korea
Ph.D. Thesis				
Thesis			Publisher	URL

Dynamic Responses of Submerged Floating Tunnels with Mooring Cables under Waves, Earthquakes, and Moving Loads			Hanyang University	http://repository.hanyang.ac.kr/handle/20.500.11754/100122

Work Experience				
S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	2010	2018	BUITEMS	Lecturer
1	2019	Present	BUITEMS	Assistant Professor

Area of specialization	Structural Engineering
Research Interest	Earthquake Engineering, Structural Dynamics, Statics and Dynamics of frame structures, Bridges, Finite Element Modeling and Simulations, Cables Modeling, Cable-Supported Bridges, Offshore Floating Structures, Earthquake Resistant Design of Structures, Development of Design Spectrum and Generation of Code Compatible Ground Motions, Design of Bridges and Buildings in Earthquake Prone Regions
Future Research Plans	Seismic Response Of Structures Building Codes Comparisons Seismic Hazard Analysis Of Buildings and Bridges In Seismic Prone Regions Development of Design Spectrums for Quetta And other Locations of Pakistan Seismic Resistant Design Of Buildings, Bridges, Tunnels, Retaining Structures And Offshore Structures.
HEC Approved supervisor	Yes
If Yes, provide HEC URL	https://www.hec.gov.pk/english/scholarshipsgrants/ASA/Pages/APS-EPORTAL.aspx
Google Scholar Profile	https://scholar.google.co.kr/citations?hl=en&user=YtaG4C0AAAAJ
Research Gate Profile	https://www.researchgate.net/profile/Naik_Muhammad
LinkedIn Profile	https://www.linkedin.com/in/naik-muhammad-566a497a/