DR. JEHANZEB KHAN

LECTURER

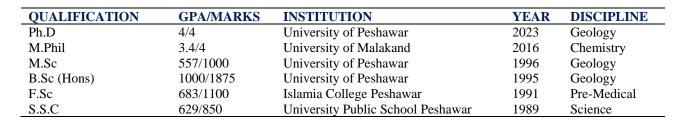
Department of Geology, University of Malakand, Chakdara, Dir (Lower), Khyber Pakhtunkhwa, Pakistan.

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ACADEMICS



RESEARCH

No.	RESEARCH	TOPIC				
1	Ph.D	Geo-Engineering Modelling and Seismic Hazard Assessment for Predicting Long Term				
		Sustainability of Lowari Tunnel (Dir – Chitral) Khyber Pakhtunkhwa, Pakistan				
2	M.Phil	Copper Ore Investigation in Dir (U) KP				
3	M.Sc	Micro Facies and Environmental Interpretation of Wargal Formation, Zaluch Nala Section,				
		Salt Range, Pakistan				
4	PSF Project	Runoff and Sediment Load Data from the Glaciated Terrain of Rakaposhi and Haramosh				
	Ranges, North Pakistan					
STUDENTS SUPERVISED		Epidote investigation in Gandigar, Dir (Upper) KP				
		Lowari Tunnel geological, geotechnical, hydrological & environmental aspects				
		Geological Hazards Prediction Along 17 Km South Access Road Towards Lowari Tunnel				
		Well Logging And Formation Evaluation Of Balkassar Oxy-01 Well, Upper Indus Basin PK				
		Geotechnical Investigation for the Sand Trap of Koto Hydro Power Project				

CO-CURRICULAR ACTIVITIES

No.	EVENT	TITLE	VENUE	YEAR	ACHIEVEMENT
1	International Conference	Climate Change & Disaster Risk	Department of ES, QAU, Islamabad	2023	Presentation of an Article
2	3 rd International Conference	Sustainable Utilization of Natural Resources	NCEG, University of Peshawar	2023	Presentation of an Article
3	6 th International Conference,	Earth Sciences Pakistan	Baragali, Pakistan by NCEG, UoP	2022	Second Prize in Posters Competition
4	Workshop	GIS/RS Techniques in Geology	NC of GIS & Space Applications	2021	Participation
5	Workshop	Exploration of Geo- Sciences using Advanced Geo-Information Tools	NC of GIS & Space Applications	2021	Participation
6	Workshop	Basic Course of Identification of Gemstones	Geological Survey of Pakistan	2018	Participation
7	Workshop	Magnetic Survey and its Role in Mineral Exploration	Geosciences Advanced Research laboratories Pakistan	2017	Participation
8	Workshop	English for Academic Purposes	Higher Education Commission	2017	Participation



9	Exhibition	Disaster Management Exhibition	University of Malakand	2014	Participation and got 1 st Prize
10	Book	Tunneling in Pakistan	Lowari Tunnel Pakistan	2012	Author
11	Gold Medal	Urdu Debates	University Public School, Peshawar	1989	1 st Position in All NWFP Speech Competition

PUBLICATIONS

ARTICLE	JOURNAL	ISSN	IF	HJRS	AUTHORSHIP
Pollutants Concentration during the Construction and Operation Stages of a Long Tunnel: A Case Study of Lowari Tunnel, (Dir–Chitral), Khyber Pakhtunkhwa, Pakistan	Applied Sciences (Switzerland)	2076-3417	2.7	W (2022-23)	1 st Author
Lowari Tunnel Water Quality Evaluation: Implications for Tunnel Support, Potable Water Supply, and Irrigation in Northwestern Himalayas, Pakistan	Applied Sciences (Switzerland)	2076-3417	2.7	W (2022-23)	1 st Author
Deterministic Seismic Hazard Assessment of a Long Mountainous Road Tunnel. A Case Study of Lowari Tunnel, Pakistan" (Under review)	Environmental Earth Sciences	1866-6299	3.1	W (2023-24)	1 st Author
Discharge Characteristics And Suspended Load From Rivers Of Northern Indus Basin, Pakistan	Journal of Himalayan Earth Sciences	0367-4045	0.162	Y (2023-24)	Co-Author

ADDITIONAL RESPONSIBILITIES

TITLE	ORGANIZATION	FROM-TO	DETAIL	YEARS
Incharge	Department of Geology	2012 - 2018	University of Malakand	6
Member	Proctorial Board	2014 - 2019	University of Malakand	5
Member	Hostels Management Team	2013 - 2016	University of Malakand	3
Member	Board of Studies	2021 - 2023 (c)	University of Malakand	2
Total				16

PROFESSIONAL EXPERIENCE

TITLE	ORGANIZATION	FROM-TO	AREA	YEARS
Lecturer	University of Malakand	2012 – 2023 (c)	University	11
Senior Geologist	Sambu CC, South Korea	2005 - 2012	Lowari Tunnel Pakistan	7
Geologist	AMC, Pakistan	2004 - 2005	LT South Access Road	1
SET (Science)	AIMS & College, Dir (U)	2000 - 2004	School & College	4
Research Associate	Department of Geology, UoP	1997 - 2000	University	3
Total Job Experience	e			26