

DR. JEHANZEB KHAN

LECTURER

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ACADEMICS

QUALIFICATION	GPA/MARKS	INSTITUTION	YEAR	DISCIPLINE
Ph.D	4/4	University of Peshawar	2023	Geology
M.Phil	3.4/4	University of Malakand	2016	Chemistry
M.Sc	557/1000	University of Peshawar	1996	Geology
B.Sc (Hons)	1000/1875	University of Peshawar	1995	Geology
F.Sc	683/1100	Islamia College Peshawar	1991	Pre-Medical
S.S.C	629/850	University Public School Peshawar	1989	Science

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
		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

STUDENTS
SUPERVISED

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				26