

PROFILE

Engr Dr Taj Ali Khan has been serving the Engineering Profession for the last 35 years, presently working as a **Meritorious Professor** (BPS-22) at University of Engineering & Technology (UET), Peshawar. He received a BSc degree (1984) in Mathematics from University of Peshawar and a BSc degree (1988) (with honours) in Agricultural Engineering from University of Engineering and Technology (UET) Peshawar. He started his career as **Training Engineer** in the Tube Well Division and Heavy Machinery Workshop in the Tarnab Farm, Agricultural Engineering Institute, Peshawar where he was trained on groundwater exploration and various drilling techniques. He joined UET as a **Lecturer** on permanent basis in 1988 to teach undergraduate students and conducting research.

Engr Khan was awarded **Merit Scholarship** for post-graduate studies by the **Ministry of Education, Government of Pakistan**, on the basis of securing **First Class First Position** in BSc Agricultural Engineering. He completed MSc degree in Water Resources Engineering in 1991 from Civil Engineering Department, UET Peshawar. Then, he proceeded to United Kingdom in September 1992 for PhD studies and completed his degree in Hydrology from Civil Engineering Department, University of Strathclyde, Glasgow (UK). After returning from abroad to his Alma mater in 1996, he re-joined the Department of Agricultural Engineering, where he was involved actively in teaching and research. His main research interests include: surface and groundwater hydrology, landfill hydrology, fluid mechanics and dynamics, hydraulics, water resources management, computer modelling and simulation. Moreover, he had an administrative experience of working as the Chairman of the Agricultural Engineering Department, UET Peshawar for eight years.

Engr Khan was awarded **Professional Excellence Award** by Pakistan Engineering Council (PEC) in 2010 for his contribution in Engineering Profession. He was elected twice as member of Governing Body PEC (2012 - 2014) and (2015 - 2018) and contributed his services in Think Tank Committee on Water, Academia–Industry Linkage Committee, Accreditation Committee, EA&QEC/EAB, and Engineering Practice Examination.

Engr Khan remained a member of more than 40 different reputed committees of UET including Syndicate, Selection Board, Academic Council, Appellate Committee, Purchase Committee, Monitoring Committee, Selection Committee, Affiliation Committee, Expert Committee, Consultative Committee, Space Committee etc. He was also an active member and advisor of Board of Advanced Studies and Research (BOASAR), UET Peshawar. He was a convener and member of Project Research Evaluation Committee (PREC). Besides a Member of Board of Studies (BoS) of UET, he was also the member of the similar board in seven other Institutes/Universities. He is engaged as a reviewer of over dozen National and International Research Journals.

Engr Khan worked as an expert reviewer to review technically and financially the research projects under HEC funding program. He was a member of the National Curriculum Revision Committee (NRRC) in the field of Agricultural Engineering, Environmental Engineering, and Food Engineering. He has completed several national (HEC, EPA) and international research projects (World Bank, GTZ, FAO), supervised many under and post-graduate students and published over 70 research papers and five special technical reports. He has also developed software's like NUMMOL, WATERSOFT, WATERFLOW and DRIPSOFT.