

ZUBAIR AHMED MEMON

MERITORIOUS PROFESSOR

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 [Google Scholar](#) |  [LinkedIn](#)



Career Objective : *To advance academic excellence and indigenous research, drive innovation, promote quality education, influence policy, and make impactful contributions to industry and society through leadership, integrity, and a strong commitment to sustainable progress.*

Profile Summary

Prof. Dr. Zubair Ahmed Memon is an accomplished academic professional with **33** years of teaching and **20** years of research experience and currently engaged in student centered teaching, research, advocacy, consultancy and management. He has been serving as a **Meritorious Professor** in the Department of Electrical Engineering at MUET, Jamshoro, since March 2024. Since August 2020, he has also been the Convenor of the Pre-Admission Test Committee (PATCO) at MUET. In addition to his academic responsibilities, he has held key administrative roles, including Director of the Institute of Information & Communication Technologies (IICT) from 2017 to 2023 and Co-Director from 2014 to 2017. His extensive administrative experience includes engagements with statutory bodies, curriculum development, academic affairs, research governance, and quality assurance through roles in the Advanced Studies Research Board (ASRB) and the Industrial Advisory Board (IAB).

Dr. Memon holds a Bachelor's in Electrical Engineering (1991), a Master's in Electrical Power Engineering (2005), and a Ph.D. in Electrical Engineering (2012), all from MUET. Throughout his academic journey, he has received multiple distinctions and honors. His research contributions are widely recognized, with **72+** publications in prestigious peer reviewed international and national journals and conference proceedings. He actively contributes as a reviewer and editorial board member for various high-impact journals. He has supervised **6** PhD, **40** postgraduate, and **50** undergraduate theses and is currently supervising **1** PhD and **1** M.E. student.

Dr. Memon has secured over PKR ~7 million in project funding/ research grants from the different funding agencies such as Higher Education Commission (HEC) of Pakistan & Sindh HEC, leading pioneering projects in renewable microgrid systems and concentrated solar power technologies. He has played a significant role in organizing national and international conferences, workshops, and seminars sponsored by leading funding agencies. With extensive experience in developing and managing academic programs, Dr. Memon has been instrumental in postgraduate regulation revisions and curriculum enhancement. His contributions to academic governance, policy-making, and research strategy have significantly shaped engineering education in Pakistan. He has also represented MUET in international academic collaborations and prestigious academic visits, strengthening partnerships with global institutions including the CENTRAL Project Meeting on ICT in education (Thailand, 2019), the PSS SINCALL User Group Meeting by SIEMENS (UAE, 2015), and a Visiting Research Fellowship at the Beijing Institute of Technology (China, 2010). His expertise extends beyond academia, having undertaken multiple consultancy roles and spearheaded community-driven research initiatives in energy, power sector and climate resilience.

Dr. Memon is an active member and fellow of leading professional bodies, including IEEE, IEEEEP, IAENG, and PEC, contributing significantly to global power and energy fields and engineering communities. Dr. Memon's outstanding contributions position him as a leading academic and researcher in the power and energy domain, dedicated to advancing sustainable energy solutions, fostering academic excellence, and mentoring the next generation of engineers and scholars.

He has an accomplished career demonstrating consistent success as an academic and an administrator at the institution of higher learning. He also has an experience in conceiving and building academic programs from the ground up through the end with proven competencies in administration, project and program management, and staff development. He is also an effective communicator with excellent planning, organizational, and negotiations skills to obtain desired results.

Teaching Interests include Power Quality, Linear Circuit, Network & Power Flow Analysis, Electrical Machines, Power System & Control, Clean Energy & Energy Management.

Research Interests include Power Quality, Renewable Energy Integration, Smart Grids, Microgrids, Energy Policy, Power System, Climate Resilience.