



Dr. SHAHAB KHUSHNOOD  
Professor and Consultant  
Department of Mechanical  
Engineering  
Wah Engineering  
College, University of Wah,  
Wah Cantt, Pakistan

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#### Education

- Ph.D Mechanical  
Engineering  
National University of  
Sciences & Technology  
(NUST), Rawalpindi  
(2005)
- M.Sc Mechanical  
Engineering  
University of Engineering  
& Technology (UET),  
Lahore, Pakistan. (1992)
- B.Sc Mechanical  
Engineering  
University of Engineering  
& Technology (UET),  
Lahore, Pakistan. (1983)  
Gold Medalist

## PROF. Dr. SHAHAB KHUSHNOOD, Professor and Consultant at University of Wah

### Emerging Areas of Interest

- Flow Induced Vibration
- Thermal Systems / Energy
- Optimization
- Engineering Management
- Structural Mitigation
- Policy Drafting and Analysis

### Professional Summary

Academic professional with a strong foundation in Analytical and Experimental Thermal & Vibration Research. Passionate about research, innovation, and capacity building, with a keen interest in supporting individuals and organizations in areas like proposal development, academic writing, and policy analysis, for consultancy projects related to Flow Induced Vibrations, Thermal Systems and Optimal Analysis.

### Key Skills and Strengths

- Analytical Solutions to Physical Problems.
- Experimental Analysis of Research Problem.
- Optimal Analysis of Research Problem.
- Engineering Management.
- Management of events like workshops/ conferences / CPD Activities
- Curriculum Development (Engineering & Technology)
- Academic Writings and Publishing
- Research Supervision of MS/ PhD Scholars

### Recognitions :

#### Research Citations

- Total = 2134
- h-index = 18
- i10-index = 28

#### Best Teacher Award

- Best Teacher Award (Certificate and Cash Prize) by UGC, Islamabad, Pakistan, 2000.
- Best Teacher Award (Certificate and Cash Prize) by HEC, Islamabad, Pakistan, 2011.

#### National Awards/Honors

- Gold Medal for obtaining first position in the University by UET Lahore, Pakistan, 1986.
- Gold Medal for obtaining first position in the University by PECO Lahore, Pakistan, 1986.
- Gold Medal for obtaining first position in the University by Greaves & Cotton Lahore, Pakistan, 1986.
- Quaid-e-Azam Merit Scholarship by Ministry of Education,

- MBA (Marketing) Allama Iqbal Open University, Islamabad, Pakistan.(1998)

Government of Pakistan 1986.

#### **International Awards/Honors**

- Fulbright Award by USA Govt. 2002-2003.
- ASME ICONE-16 Organizer Award, Florida USA 2008.
- ASME ICONE-17 Track Co-Chair Award, Brussels, Belgium 2009.

#### **Memberships and Affiliations:**

- Member Syndicate 2012-2013, 2017-2019
- Member of Syndicate University of Nowshera 2021-2024.
- Pakistan Engineering Council (PEC) Governing Body Mechanical (Punjab) 2014-17 & 2018-to-date.
- American Society of Safety Engineers (International Member) – 2018.
- Member Academic Council/Executive Council Committee of courses for B.Tech (Mechanical) – AIOU, Islamabad, 2001.
- Resource Person to Develop Bachelor & Master's Programs in the Discipline of Mechanical Engineering, Allama Iqbal Open University – 2001.
- Member of Committee of Courses for Refrigeration and Air Conditioning, Allama Iqbal Open University – 2000.
- National Review Committee of Experts for curriculum in DAE Petroleum Technology – 2000.
- National Expert Committee for the Project of Flow Induced Vibration Study in CHASHNUPP Reactor 1999.
- Society of Mechanical Engineers of Pakistan (SMEP).
- Member SAE (Society of Automotive Engineers)
- Member Accreditation Committee EA&QEC, Pakistan Engineering Council (PEC).
- Member "Professional Engineering Bodies" (PEB's) for Pakistan Engineering Council (PEC).
- Member, "Chairman Taskforce" for Pakistan Engineering Council (PEC).
- Pakistan Engineering Council Accreditation of Programs (Convener and Expert for Mechanical Engineering).
- Selection Board, POF's Wah (Subject Specialist)/UET, Lahore/AJK University, Mirpur/ Wah Engineering College & International Islamic University, Islamabad.
- Coordinator UET Taxila – HMC Taxila Collaboration for Undergraduate - Metallurgy & Material Engineering Program.
- Coordinator UET Taxila – HMC Taxila Collaboration for Postgraduate – Petroleum and Gas Engineering, Power Engineering (Hydel & Thermal Specializations), Product Design & Development and Instrumentation and process Automation.
- NAVTACC Expert / Assessor for Mechanical Technology accreditation of Institutes/Colleges of Technology, 2011 to Date.
- Coordinator for MOU's with NINVAST, HMC, NESCOM, HIT etc. Planning & Development Committee, University of Engineering & Technology, Taxila.

- Islamabad Club, since 2001

**Availability and Consulting Terms:**

- Available to collaborate on projects related to my field of expertise, particularly experimental and Analytical based projects, proposal development. Open to short-term assignments and willing to negotiate terms based on project requirements.