

CURRICULUM VITAE

Personal Data :

Name : Dr. Abdul Samad Khan
Father's Name : Bashir Ahmed Khan (late)
Date of Birth : 27th November, 1943
Nationality : Pakistan
Address : H. No. B-82, Block-10, Gulshan-e-Iqbal,
Karachi-75300, Pakistan.
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Educational Qualifications :

(Degree, Year of Passing,
Name of the University)

- ❖ B.E. (Civil Engineering), 1966, University of Karachi, Pakistan
- ❖ M.S.(Civil Engineering) 1975, University of Southern California, L.A, USA
- ❖ Ph.D.(Geotechnical Dynamics Field), 1984, University of Southampton, UK

Fields of Specialization :

Major Field :

- ❖ Civil Engineering

Specific Fields :

- ❖ Soil Mechanics and Geotechnical Engineering
- ❖ Soils and Foundation Vibrations
- ❖ Seismic Explorations
- ❖ Laboratory and Field Geotechnical Investigations
- ❖ Earthquake Engineering

**Service Record as a
Teacher /Researcher
at NED University of
Engineering & Technology,
Karachi** :

(Designation and Period)

- ❖ Lecturer, March 1967 to May 1970
- ❖ Assistant Professor, June 1970 to June 1975
- ❖ Associate Professor, July 1975 to March 1987
- ❖ Professor, March 1987 to November 2003
- ❖ Dean (Civil Engineering & Architecture), August 2001 to November 2003. Retired from Regular Service in November 2003.
- ❖ Senior Research Fellow on Contract Basis from June 2005 to-date.

**Office Held in the NED
University Authorities** :

- ❖ Senior Resident Warden / Provost for Hostels
- ❖ Elected Syndicate Member for Several Terms
- ❖ Chairman, Department of Civil Engineering
- ❖ Dean, Civil Engineering & Architecture.
- ❖ Acting Vice Chancellor for Short Period.

Courses Taught :

Under Graduate Level :

- ❖ Soil Mechanics I & II

Post Graduate Level :

- ❖ Advanced Soil Mechanics
- ❖ Foundation Engineering
- ❖ Earth Structures
- ❖ Soil Investigation & Testing
- ❖ Soil & Foundation Dynamics

Research Publications :

- ❖ Khan A. S. (1983), “A Contribution to the Determination of Dynamic Properties of Soil by Resonance Testing”, Report, Civil Engineering Department University of Southampton, U. K.
- ❖ Khan, A. S. (1984), “Steady State Vibration Testing Model Pile Foundations”, Ph.D. Thesis University of Southampton, U. K.
- ❖ Butterfield, R. and Khan, A. S. (1985) “Determination of the Dynamic Response of Piles to Lateral Loads”, Proceedings of the 2nd International Conference of Soil Dynamics and Earthquake Engineering, the Queen Elizabeth 2 Liner, New York to Southampton, pp-4-123.
- ❖ Khan, A. S. (1986), “Experiments of Model Piled Foundation in Clay”, Mehran University Res. Jour. Engineering & Technology Vol-5, No.2 April.
- ❖ Khan, A. S. (1987), “Test on Model Pile Groups in Clay”, Mehran University Res. Jour. Engineering and Technology, Vol 6, No. 3 July.
- ❖ Khan, A. S. (1987), “Measurement of Seismic Ground Motions for Defining Earthquake Spectra” Jour. Science Technology and Development, Vol. 6 No. 1, PP42-45 Jan.-February.
- ❖ Khan, A. S. (1987), “Interpretation of Pile Load Tests to Back Figure Soil Shear Modulus” Proceeding

Second National Conference on Deep foundation, P. N. S. S. F. E., Lahore, Dec.

- ❖ Khan, A. S. (1994), “Measurement of Soil – Footing Damping characteristics from Resonance Testing”, NED University, Jour. Of Engineering Research, Vol. 1, No. 1, January.
- ❖ Khan, A. S. (1994), “Determination of Dynamic Shear Modulus of Clayey Soil By Resonance Testing”, NED University Jour. Of Engineering Research Vol. 1 No. 2, July.
- ❖ Khan, A. S. (1994), “Strain Dependent Shear Modulus of Clayey Soil”, NED University Jour. of Engineering Research, Vol. 1, No. 2, July.
- ❖ Khan, A. S. (1995), “Experimental Studies of Vertical Dynamic Stiffness of Single Floating Piles”, NED University of Engineering Research, Vol. 1, No. 3, January & July 1995.
- ❖ Khan, A. S. (2001), “Influence of Local Soil Conditions on Ground Response and Damage Pattern Due to Earthquake”, Seminar on “Earthquake 2001” Held at NED University of Engineering and Technology, Karachi, April.
- ❖ Khan, A.S.(2007), “Coastal Area of Sind Susceptible to Soil Liquefaction and its Mitigation.”, CESNED, Department of Civil Engineering, Vol.7, Issue 2, Oct.

New Academic Programs

Planned / Developed :

- ❖ Master of Engineering Degree Program in Coastal and Harbor Engineering.
- ❖ Master of Architecture and Planning Degree Program
- ❖ Bachelor of Architecture Degree Program

Supporting Academic

Facilities Planned/ Developed :

- ❖ Postgraduate Computational Centre, Department of Civil Engineering, NED Engineering University.
- ❖ Extension of Well Equipped Under Graduate Computer Centre, Department of Civil Engineering, NED Engineering University.
- ❖ PC-1 Approved by HEC for Establishment of Students Services Centre, NED Engineering University.

Books Edited

:

- ❖ Co-Founder Editor of “NED University Journal of Engineering Research”.
- ❖ Edited First & Second Issues of “NED Engineering University Journal of Engineering Research”.

Research Activities

:

- ❖ Worked as Consulting Specialist for Research Project Titled “Development of Response Spectra for the Southern Coastal Region of Sind.
- ❖ Presently Supervising a Ph.D. Research Scholar, Research Thesis Titled “Static and Dynamic Stiffnesses of Pile Foundation”.

Professional Affiliations

:

- ❖ Registered Professional and Consulting Engineer Member, Pakistan Engineering Council.
- ❖ Member, P. N. S. S. F.E., Lahore.

Honors & Awards

:

- ❖ Awarded Directorate of Intermediate Education, Sind Merit Scholarship for a Duration of Four Years, 1962 to 1966.
- ❖ Honored by County Engineers by Electing Member of Executive Committee Pakistan Engineering Council (PEC) for two Consecutive Terms.
- ❖ Honored by PEC to be a Member of Several Committees such as Accreditation, Qualification and Equivalence and Enrollment.
- ❖ Honored by the Governor of Sind to be in the Overseas Committee of Karachi Building Control Authority of Karachi Development Authority.