

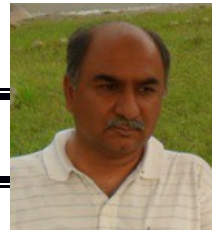
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## CURRICULUM VITAE

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### PERSONAL INFORMATION

- Name : **Dr. Kamran ANSARI**
- Profession : Hydrologist, Hydraulics Engineer, Water Resources Engineer, Irrigation & Drainage Engineer.
- Nationality : Pakistani
- Date of Birth : June 27th, 1968
- Passport Number : AJ4221812
- Years of Experience : Twenty two (22)
- Membership in Professional Societies : CIVIL/14664 with Pakistan Engineering Council
- Mailing Address : B.No.181, Kalhora Colony, Hyderabad, Sindh.
- Phone : +92-(0)22-2106906 (Res.)  
+92-(0)341-3835604 (Mobile)
- Email : [kamranansari93@hotmail.com](mailto:kamranansari93@hotmail.com)  
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### EDUCATION

| Name of Institution   | Year | Degree/Qualification                   |
|---|------|--|
| 1. The University of Nottingham, UK.  | 2011 | Ph.D. (Open Channel Hydraulics)        |
| 2. Universiti Teknologi Malaysia (UTM)<br><i>Secured CGPA of 3.48</i>                                 | 2005 | M.E.(Hydrology & Water Resources)      |
| 3. Mehran University of Engineering and Technology, Jamshoro, Pakistan<br><i>Secured 90.36% marks</i> | 1993 | B.E. (Civil Engineering)               |
| 3. Board of Intermediate and Secondary Education Hyderabad<br>• <i>Secured 76.36 % marks</i>          | 1986 | H.S.C. (Pre-Engineering)<br>(Grade 12) |
| 4. Board of Intermediate and Secondary Education Hyderabad<br>• <i>Secured 77.18% marks</i>           | 1984 | S.S.C. (Science)<br>(Grade 10)         |

Remained in top ten since Primary Education.

### COMPUTER SKILL

- **CFD Commercial Softwares**  
ANSYS CFX, FLUENT, GAMBIT
- **Hydrologic Models**  
*HEC-HMS*

- **Hydraulic Models**  
*HEC-RAS, RootCanal.*
- **Engineering Planning Software**  
*Microsoft Project, Auto CAD 2000, SAP 2000.*
- **System Dynamics Models**  
*STELLA, WEAP.*

## **OTHER PROFESSIONAL TRAINING**

- Training as Social Organizer in preparation for Community Tubewelldevelopment under Second SCARP Transition Pilot Project from 27<sup>th</sup> November,1994 to 14 December, 1994.
- Course on I.T. & M.I.S. from Asian Management Institute, Iqra University, Karachi from 1<sup>st</sup> November 2002 to 30<sup>th</sup> November 2002.

## **PROFESSIONAL EXPERIENCE**

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|----------|---|--|
| <b>1</b> | <b>Name of Employing Agency</b><br><br><b>Title of Position</b><br><b>Location of Assignment</b><br><b>Period of Assignment</b> | <b>U.S.-Pakistan Centers for Advanced Studies in Water (USPCASW).</b><br><b>Professor</b><br><b>MUET Pakistan</b><br><b>May 2015 – to date</b> |
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### ACTIVITIES

Development of curriculum for graduate and postgraduate courses of three programs. Taking classes, delivering lectures to the graduate and postgraduate students of the U.S.-Pakistan Center for Advanced Studies in Water. Also involved in the research related to various water related issues.

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|----------|---|---|
| <b>2</b> | <b>Name of Employing Agency</b><br><b>Title of Position</b><br><b>Location of Assignment</b><br><b>Period of Assignment</b> | <b>Mehran University of Engineering &amp; Technology.</b><br><b>Professor (BPS 21)</b><br><b>Hyderabad Pakistan</b><br><b>April 2014 – May 2015</b> |
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### ACTIVITIES

Taking classes, conducting practical and delivering lectures to the undergraduate and postgraduate students of the Department of Civil Engineering in various subjects of civil engineering discipline especially in hydrology and water resources. Also involved in the research related to Irrigation and Drainage.

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|----------|---|---|
| <b>3</b> | <b>Name of Employing Agency</b><br><b>Title of Position</b><br><b>Location of Assignment</b><br><b>Period of Assignment</b> | <b>Mehran University of Engineering &amp; Technology.</b><br><b>Associate Professor (BPS 20)</b><br><b>Hyderabad Pakistan</b><br><b>March 2013 – April 2014</b> |
|----------|---|---|

### ACTIVITIES

Taking classes, conducting practical and delivering lectures to the undergraduate and postgraduate students of the Department of Civil Engineering in various subjects of civil engineering discipline especially in hydrology and water resources. Also involved in the research related to Irrigation and Drainage.

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| <b>4</b> | <b>Name of Employing Agency</b> | <b>Louis Berger Group (LBG) &amp; Indus Associates.</b> |
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|-------------------------------|---|
| <b>Title of Position</b>      | <b>Modeling Engineer/Hydrologist</b>        |
| <b>Location of Assignment</b> | <b>Left bank of Indus, Sindh, Pakistan.</b> |
| <b>Period of Assignment</b>   | <b>July 2011 – April 2013</b>               |

ACTIVITIES

- Preparation of master plan for the drainage of left bank of Indus River in Sindh.
- Hydrologic modeling using HEC – HMS for the calculations of rainfall – runoff calculations.
- Hydraulic modeling of natural waterways (dhoras) and LBOD drainage channels using HEC – RAS.
- Design of hydraulic structures and remodeling of LBOD drainage channels for 20 year return period rainfall event.

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| <b>5</b> | <b>Name of Employing Agency</b> | <b>Mehran University of Engineering &amp; Technology.</b> |
|          | <b>Title of Position</b>        | <b>Assistant Professor (BPS 19)</b>                       |
|          | <b>Location of Assignment</b>   | <b>Hyderabad Pakistan</b>                                 |
|          | <b>Period of Assignment</b>     | <b>December 2000 – March 2013</b>                         |

ACTIVITIES

- Taking classes, conducting practical and delivering lectures to the undergraduate and postgraduate students of the Department of Civil Engineering in various subjects of civil engineering discipline especially in hydrology and water resources. Also involved in the research related to Irrigation and Drainage.

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| <b>6</b> | <b>Name of Employing Agency</b> | <b>Mehran University of Engineering &amp; Technology.</b> |
|          | <b>Title of Position</b>        | <b>Lecturer (BPS 17)</b>                                  |
|          | <b>Location of Assignment</b>   | <b>Hyderabad Pakistan</b>                                 |
|          | <b>Period of Assignment</b>     | <b>October 1998 – December 2000</b>                       |

ACTIVITIES

- Taking classes, conducting practical and delivering lectures to the undergraduate students of the Department of Civil Engineering in various subjects of civil engineering discipline. Also involved in the research related to Construction Management.

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| <b>7</b> | <b>Name of Employing Agency</b> | <b>Public Health Engineering Department, Govt. of Sindh.</b>                   |
|          | <b>Title of Position</b>        | <b>Operator Trainer (BPS – 17)</b>   |
|          | <b>Project Name</b>             | <b>Sindh Rural Water Supply &amp; Sanitation Project (World Bank Assisted)</b> |
|          | <b>Location of Assignment</b>   | <b>Sindh Province</b>  |
|          | <b>Period of Assignment</b>     | <b>May 1997 – September 1998</b>   |

ACTIVITIES

- Training the operators of mechanized water supply & drainage schemes.
- Training the staff of Public Health Engineering Department about the technical aspects of the project (Sindh Rural Water Supply & Sanitation Project- World Bank Assisted).
- Work in collaboration with the consultants in ensuring the proper functioning of the handed over water supply & drainage schemes.

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| <b>8</b> | <b>Name of Employing Agency</b><br><b>Title of Position</b><br><b>Project Name</b><br><br><b>Location of Assignment</b><br><b>Period of Assignment</b> | <b>ACE – NESPAK – ZCL – HARZA (Joint Venture).</b><br><b>Technical Assistant</b><br><b>Second SCARP North Rohri Pilot Project ( IDA – Assisted )</b><br><br><b>Sakrand &amp; Moro regions of Sindh Province</b><br><b>March 1993 – May 1997</b> |
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ACTIVITIES

- Installation & proper functioning of private tubewells, survey of water table elevations, ground water quality monitoring, soil sample testing.
- Formation of community organizations/ farmers organizations (FOs) to install, operate & maintain their private tubewells.
- Supervision of water course lining with the collaboration of On Farm Water Management Deptt.

**LANGUAGES**

English, Sindhi and Urdu: Excellent in speaking, reading and writing

**RECENT PUBLICATIONS**

- [1] Ansari, K., Morvan, H. P. and Hargreaves, D. M. (2011). "A numerical investigation into secondary currents and wall shear in trapezoidal channels." *Journal of Hydraulic Engineering, ASCE*, 137(4), p. 432 – 440.
- [2] Ansari, K., Memon, N. A., Pathan, A. F. H. and Memon, A. A. (2013). "Analysis of the runoff generated due to the 2011 monsoon rainfall in Sindh using HEC-HMS." *Sindh University Research Journal (Science Series)*, Vol. 45, No. 01, p. 159 – 162.
- [3] Ansari, K., Pathan, A. F. H., Memon, N. A. and Almani, Z. A. (2013). "Hydraulic Modeling of natural waterways of left bank of River Indus with HEC-RAS." *Sindh University Research Journal (Science Series)*, Vol. 45, No. 01, p. 149 – 152.
- [4] Ansari, K., Memon, A. A. and Memon, N. A. (2013). "Estimation of parameters and flow characteristics for the design of sanitary sewers in Malaysia." *Mehran University Research Journal of Engineering & Technology*, Vol. 32, No. 1, p. 95 – 102.
- [5] Ansari, K., Memon, A. A. and Memon, N. A. (2012). "Development of bed ridges in open channels and their effects on secondary currents and wall shear." *Mehran University Research Journal of Engineering & Technology*, Vol. 31, No. 3, p. 502 – 516.
- [6] Ansari, K., Memon, N. A. and Memon, A. A. (2012). "The setup and validation of a numerical model for wall shear in trapezoidal open channels." *Sindh University Research Journal (Science Series)*, Vol. 44, No. 04, p. 613 – 616.
- [7] Ansari, K., Almani, Z. A. and Memon, N. A. (2012). "Boundary shear stress distribution in curved open channels using computational fluid dynamics (CFD) model." *Sindh University Research Journal (Science Series)*, Vol. 44, No. 04, p. 727 – 730.
- [8] Almani, Z. A., Ansari, K. and Memon, A. A. (2013). "Liquefaction Potential of Silty Sand in Simple Shear." *Mehran University Research Journal of Engineering & Technology*, Vol. 32, No. 1, p. 85 – 94.
- [9] Almani, Z. A., Ansari, K. and Memon, A. A. (2012). "Mechanism of Liquefaction-Induced large settlements of buildings." *Mehran University Research Journal of Engineering & Technology*, Vol. 31, No. 4, p. 635 – 650.
- [10] Pathan, A. A., Mahar, R. B. and Ansari, K. (2011). "Preliminary study of greywater treatment through

rotating biological contactor.” *Mehran University Research Journal of Engineering & Technology*, Vol. 30, No. 3, p. 531 – 538.

- [11] Pathan, A. F. H., Ansari, K., and Memon, A. A. (2013). “Modeling choice of information sources.” *Mehran University Research Journal of Engineering & Technology*, Vol. 32, No. 2, p. 287 – 306.
- [12] Memon, A. A., Memon, N. A. and Ansari, K. (2012). “Determination of turbulence coefficient using genetic algorithms.” *Mehran University Research Journal of Engineering & Technology*, Vol. 31, No. 4, p. 651 – 658.
- [13] Memon, N. A., Ansari, K., and Almani, Z. A. and (2013). “Effect of variation in blending variables on the properties of CRMB.” *Mehran University Research Journal of Engineering & Technology*, Vol. 32, No. 2, p. 175 – 182.
- [14] Memon, N. A., Ansari, K. and Almani, Z. A. (2012). “Influence of scrap tyre processing techniques on the physical properties of the crumb rubber.” *Mehran University Research Journal of Engineering & Technology*, Vol. 31, No. 4, p. 703 – 710.
- [15] Memon N. A., Ansari, K. and Almani Z. A. (2012). “Influence of the variation in material constituents on the properties of the crumb rubber modified bitumen blends.” *Sindh University Research Journal (Science Series)*, Vol. 44, No. 04, p. 687 – 690.