

## ***CURRICULUM VITAE***



### ***OBJECTIVE***

***A challenging and responsible position in renowned organizations where creativity innovation and sound management is utilized to produce and maintain a motivated, goal oriented work force achieving individual and collective growth.***

### **General Information**

Name: Sadaf Qasim  
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Nationality: Pakistani  
Field of Specialization: Geotechnical Engineering

### **Academic Information**

Doctor of Philosophy, Geotechnical Engineering, Submission of Thesis (2013)  
Universiti Teknologi PETRONAS Perak Malaysia

Master of Science, Geotechnical Engineering (2006)  
NED University of Engineering and Technology Karachi Pakistan

Master of Science, Environmental Sciences (1999)  
University of Karachi Pakistan

Bachelor of Civil Engineering (1992)  
NED University of Engineering and Technology Karachi Pakistan

### **Teaching Experience**

Assistant Professor (2006-2008)  
NED University of Engineering and Technology Karachi Pakistan

Lecturer (2001-2006)  
Sir Syed University of Engineering and Technology Karachi Pakistan

Visiting Lecturer (1998-2001)  
Dawood Engineering College Karachi Pakistan

Visiting Lecturer (2005-2006)  
University of Karachi Pakistan

### **Teaching Portfolio**

#### *Courses*

Strength of Materials II (Civil Engineering and Urban Engineering)  
Quantity Surveying and Costing (Civil Engineering)  
Soil Mechanics (Civil Engineering)  
Irrigation Engineering (Civil Engineering)  
Plain and Reinforced Concrete Design (Civil Engineering)  
Structural Design and Drawing (Architecture and Planning)  
Advanced Technology (Urban Engineering)

#### *Practical and Design Classes*

Quantity Surveying and Costing (Civil Engineering)  
Soil Mechanics (Civil Engineering)  
Hydraulics (Civil Engineering)  
Plain and Reinforced Concrete Design (Civil Engineering)

#### *Paper Setter*

Strength of Materials II (Urban Engineering)  
Quantity Surveying and Costing (Civil Engineering)  
Soil Mechanics (Civil Engineering)  
Irrigation Engineering (Civil Engineering)  
Plain and Reinforced Concrete Design (Civil Engineering)  
Structural Design and Drawing (Architecture and Planning)  
Advanced Technology (Urban Engineering)

*External Examiner and Paper Evaluator*

Architecture and Planning, Dawood Engineering College Karachi Pakistan (2002)

BTech (Civil), Saiffee Polytechnic Institute Karachi Pakistan (2005)

Architecture and Planning, University of Karachi Pakistan (2005)

Strength of Materials II (Urban Engineering, 2006)

Quantity Surveying and Costing (Civil Engineering, 2006)

Soil Mechanics (Civil Engineering, 2007)

Irrigation Engineering (Civil Engineering, 2003)

Plain and Reinforced Concrete Design (Civil Engineering, 2004)

Structural Design and Drawing (Architecture and Planning, 2005- 2007)

Advanced Technology (Urban Engineering, 2006)

**Consultancy Services**

Structural Consultant (1995-2007)

Tasawar Abidi and Associates Karachi Pakistan

Design Engineer (1994-1995)

Top Engineering Karachi Pakistan

Junior Design Engineer (1993-1994 )

Naqvi and Siddiqui Associates Karachi Pakistan

Trainee Engineer (1992-1993)

Zaheeruddin Consultants Karachi Pakistan

**Publications Conference Presentations Awards and Achievements**

1. S. Qasim and I. S. H Harahap (Silver Medal) Survey results for resistance factors determination of common geotechnical structures of Malaysia 24<sup>th</sup> edition of UTP Engineering Design Exhibition EDX 24, 21-22 Oct 2009.
2. S. Qasim and I. S. H Harahap (Best Presenter) Survey results for resistance factors determination of common geotechnical structures of Malaysia 24<sup>th</sup> edition of UTP Engineering Design Exhibition EDX 24, 21-22 Oct 2009.
3. Qasim, S. and Harahap, I.S.H. and Osman, S.B.S. and Izaddin, S.H. (2010) Reliability analysis of engineered landslide mitigation techniques. In: International Conference on Sustainable Building and Infrastructure (ICSBI2010), Kuala Lumpur, Malaysia .
4. Qasim, Sadaf and Harahap, I.S.H. (2010) Reliability analysis and resistance factor determination of bored piles of Malaysian region. In: The First Makassar International Conference on Civil Engineering (MICCE 2010), 8-9 March 2010, Makassar, Indonesia
5. S. Qasim and I. S. H Harahap (2011) Human error related risks of Malaysian landslides The 5th Int'l Conf. on Geotechnical and Highway Engineering "Geotechnical and Highway Engineering Practical Applications - Challenges & Opportunities at the Future" and "One-day Int'l Symposium on Recent Advances in Geotechnical Engineering" 17-20 May 2011, Patra Semarang Convention Hotel, Semarang, Central Java – Indonesia
6. S. Qasim and I. S. H Harahap (2012) Quantification of human errors for Malaysian slope failures (ICCOEE 2012) Kuala Lumpur, Malaysia
7. S. Qasim and I. S. H Harahap (2013) Causal factors of Malaysian landslides :A Narrative study Research Journal of Applied Sciences, Engineering and Technology Vol 5 issue 7

8. S. Qasim and I. S. H Harahap (2012) Human error quantification techniques: A Brief Review Research Journal of Applied Sciences, Engineering and Technology (Accepted)
  
9. S. Qasim and I. S. H Harahap (2012) Probabilistic analysis of Malaysian bored piles International Journal of Civil and Structural Engineering Volume 3 Issue 1 Pages 205-220
  
10. S. Qasim and I. S. H Harahap, Geotechnical uncertainties and reliability theory applications International Journal of Engineering Research and Technology 2012
  
11. S. Qasim and I. S. H Harahap (2012) Managing landslides risk by applying Human Error Rate Assessment Technique International Journal of Disaster, Risk and Science (Under Review)

### **Membership**

Pakistan Engineering Council

### **Computer Skills**

Matlab, Geo Studio, AUTO CAD, Microsoft Office (Word, Excel, Power point, Windows & Hardware Troubleshooting, Installation.

### **Languages**

English, Urdu

## **REFEREEES**

Dr Fadhil Nuruddin  
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