

Engr. Syed Faraz Jafri

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Profile	Key Skills	Present Status
Being the part of working organizations, I might be considered as an energetic and self motivated candidate that can provide support in terms of initiator and leadership skills. I possess strong numerical, analytical and problem solving skills. In addition to that, a blended research oriented profile is the important part of my resume. My ability of quick learning, dedication and willingness of taking responsibilities have always proved me the most profitable asset of organization.	Resources Allocation	Assistant Professor in Sir Syed University of Engineering and Technology - Karachi
	Risk Management	Research Interests
	Engineering Budgetary Estimates	Construction Safety & Management
	Planning and Scheduling Using P6e	Traffic Safety Implications
Objective Seeking a career position in a fast pace and challenging environment.	Preparing Tenders	Accident Prevention
	Client and Staff Liaison	Teaching Areas
	Site Supervision	Construction Engineering/Management
	Health and Safety Legislation	Quantity Surveying and Costing
Academic Background M.Sc. (Civil Engineering) University of East London –UEL, London, England (Feb. 2005 to Sep. 2006)	Construction Safety Enforcement	Surveying and Levelling – I
	Data Stage Management and Analysis	Basic Civil Engineering
	MS Excel Spreadsheet designs	Hydrology and Water Management
		Irrigation Engineering
Course of Studies	Knowledge & Awareness	Project Experience
Construction and Project Management	BS 5950	Design a spreadsheet to analyze and design Steel columns according to BS-5950.
Highway and Transportation Engineering	BS 8110	Drainage scheme design of a residential housing development.
Design of Steel & Concrete	ICE Conditions of Contract	Forecast the impact of two major new developments on the existing road network for the design year.
Earth Quake Engineering & Dynamics	Conduct Traffic Surveys	Project valuation & cash flow forecast
BS (Civil Engineering) Sir Syed University of Engineering & Technology, Karachi Pakistan (Jan 1999 to Dec. 2002)		
Course of Studies		Project Experience
Construction and Project Management	Environmental Engineering	Comparative studies of frame shear wall & tubular structural system.
Architecture and Town Planning	Transportation Engineering I & II	Use of water reducing admixture & accelerators in concrete & studies of their behavior under the impact load
Engineering Material	Soil Mechanics I & II	Concreting in Hot & Cold Weather
Reinforced Cement Concrete	Design of Structures	Design of a low cost housing Scheme
Strength of Material I & II	Theory of Structure	A time delay studies of an existing road network in Karachi
Research & Publications		
1. Public Transportation Improvement Validation Model for Metropolitan City Karachi ((Engineering Journal, Volume 18, No. 1, Jan 2014)		
2. An Effective and Way Forward approach for Road Safety Acquisition of Knowledge – Correlative Study for Pakistan (Engineering Journal, Volume 17, No. 1, Jan 2013)		
3. Construction Safety culture and promotion, conceptual approach based on the Labor Law of Pakistan (IOSR Journal, International Organization of Scientific Research, June 2012)		
4. Policy Formulation of Construction Safety associated with Labor Requirements – Substantial approach for the metropolitan city Karachi, Pakistan (IOSR Journal, International Organization of Scientific Research, May 2012)		
5. Safety and Security Policies, Pre and Planned Construction Phase (Key features of quality construction in developing countries, case studies for Pakistan) (Third international conference on construction in developing countries, ICCIDC III, 2012, Bangkok, Thailand)		
6. Developing Spread Sheet for the design of Steel Column according to BS-5950 (Research Study Master's Program)		

Professional Membership

Life member as a professional engineer in Pakistan Engineering Council (PEC).
Chartered Member of **CILT** (Chartered Institute of Logistics and Transport) Pakistan.
Life Member, Institute of Engineers (**IEP**) Pakistan.
Life Member, **Pakistan Engineering Congress**.
Life Member, Aligarh Muslim University Old Boys Association, (**AMUOBA**) Pakistan.

Work Experience Portfolio

Organization	Designation	Tenure	Key Responsibilities
Sir Syed University of Engineering & Technology, Karachi	Assistant Professor	May 2007 to Date	Course Instructor of Construction Engineering, Quantity Surveying & Costing, Hydrology & Water Management. Final year Project Coordinator in Civil Engineering. Final year Project Advisor related to construction management. Factotum in regular examination and supplementary examination.
Sultan Mehmood Contractors & Engineers (SMC), Karachi	Planning and Site Engineer	January 2007 to January 2008	Planning & scheduling of an expressway project using Primavera P6e Construction procedure in sequence Constraints and their solution. Effective task management. Estimates of bill of quantities & rate analysis. Preparation of bar bending schedules. Health and safety issues. Site inspection and supervision Data collection and analysis.
Techno Consultant International, Karachi	Civil Engineer	April 2003 to February 2004	Preparation of hydraulic and structural drawings. Provided technical assistance during design, planning and execution process Drafting reports. Data Collection and analysis. CAD drawings. Client and Staff Liaison

Workshops / Seminars Attended or Organized

Attended a seminar on “**Karachi Mass Transit Improvement Plan**” as a stakeholder from education department.
Organize a seminar on “**Construction Engineering**” for final year civil engineering students in SSUET, Karachi.
Initiate a **Construction Safety Awareness Poster Campaign** in engineering institutions for safety at work.
Attended a training program based on **Environmental Impact Assessment (EIA)** holding the PEC credit points.

IT Skills

Primavera 6e competent with management tools and techniques.
Engineering Software: MS Project, SAFE, ETABS, AutoCAD, and STAAD III.
Support: Windows 95/98/2000 Windows 2000 Server, Professional & XP, Installation.
MS Office: Fully competent with all aspects of Microsoft office packages, including Word, Power Point, Outlook, Spread Sheet (Excel).

Achievements & Extra-Circular Activities

Four years consecutive Scholarship holder on merit.
Great interest in reading informative materials, particularly related to concrete technology and construction safety to enhance my knowledge and skills.

References could be furnished on request