

Muhammad Saqib

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URL: <https://sites.google.com/site/muhammadsaqibmumtaz/home>

Areas of Interest:

- Advanced Project Planning and Scheduling
- Project Management
- Construction Management
- Computer Aided Project Planning, Scheduling and Control
- Building Information Modeling
- Management of Construction Organizations
- Project Evaluation and Feasibility
- Project Monitoring and Control
- Strategic Management
- Project Risk Management
- Total Quality Management
- Database Management
- Software Engineering
- Bid Procurement
- Financial Management
- Uncertainty and Decision Analysis in Construction
- Sustainable and Green Construction
- Operations Research
- Health, Safety and Environmental Management
- Heat Ventilation & Air Conditioning (HVAC)

➤ EDUCATION

Ph.D.	Construction Engineering & Management Florida International Univ. (FIU), Miami, USA & NED Univ. of Engg. & Tech., Karachi, Pak.	In Progress
M. Engg.	Construction Engineering Management NED University of Engineering & Technology, Karachi, Pakistan	2008
MS	Information Technology Preston Institute of Management Science and Technology, Karachi, Pakistan	2006
MCS	Computer Science University of Karachi, Karachi, Pakistan	2004
B.E.	Civil Engineering NED University of Engineering & Technology, Karachi, Pakistan	1999

➤ APPOINTMENTS

Apr 2008 – To Date	Assistant Professor Department of Civil Engg., NED University of Engg. & Tech., Karachi, Pakistan
June 2016 – To Date	Supervisor – Undergraduate Computer Center (UGCC) Department of Civil Engg., NED University of Engg. & Tech., Karachi, Pakistan
Nov 2015 – To Date	Vice President (Human Resource) Construction Engineering and Management Group (CEMG)
Nov 2015 – To Date	Vice President (Human Resource) Center of Professional Excellence (CoPE)
Jan 2015 – Nov 2015	Internee – Project Estimator Archon Air Management, Corp., Miami, USA
Mar 2014 – Jan 2015	Internee – Project Estimator/Site Engineer Andale Group, LLC., Miami, USA
June 2014 – Nov 2015	Ph.D. Scholar OHL School of Construction, Florida International University, Miami, USA <i>Dissertation Title: An Optimization Model for Improving Energy Efficiency of Existing Buildings</i>
Jan 2010 – May 2014	Ph.D. Scholar & Graduate Researcher OHL School of Construction, Florida International University, Miami, USA

Jan 2009 – Dec 2009	Class Advisor - 3rd Year (T.E.) Civil Engineering Department of Civil Engg., NED University of Engg. & Tech., Karachi, Pakistan
Jan 2008 – Dec 2008	Class Advisor - 2nd Year (S.E.) Civil Engineering Department of Civil Engg., NED University of Engg. & Tech., Karachi, Pakistan
Jan 2007 – Dec 2007	Class Advisor – 4th Year (B.E.) Urban Engineering Department of Civil Engg., NED University of Engg. & Tech., Karachi, Pakistan
Sep 2005 – Apr 2008	Lecturer Department of Civil Engg., NED University of Engg. & Tech., Karachi, Pakistan
Jan 2003 – Aug 2005	Manager Planning & Development Trojan Engineering & Management Services (TEAMS), Karachi, Pakistan
Jan 2003 – Aug 2005	Training Manager Institute of Engineering & Management (IEM), Karachi, Pakistan
Mar 2000 – Dec 2002	Planning Engineer Naveed-ur-Rehman Channa & Co., Nawab Shah, Pakistan

➤ **INDUSTRY EXPERIENCE**

Jan 2015 – Nov 2015 **Archon Air Management, Corp., Miami, USA**

Internee – Project Estimator

Projects:

- Lessman Residence 835 (Project Cost: \$109,950.00)
Project Location: 835 East Dilido Drive (Lot 26), Miami Beach, FL, 33139
- Lessman Residence 825 (Project Cost: \$102,600.00)
Project Location: 825 East Dilido Drive (Lot 25), Miami Beach, FL, 33139
- Walmart Florida City (Project Cost: \$12,470.00)
Project Location: 33501 S. Dixie Highway, Florida City, FL, 33034
- Pinecrest Villas (Project Cost: \$74,000.00)
Project Location: 11833-47 SW 81st Road, Pinecrest, FL, 33156
- Stor-All Building (Project Cost: \$495,000.00)
Project Location: 300 NW 36 Street, Miami, FL, 33127

Responsibilities:

- Reviewed the plans, specifications and other construction documents to find the scope of work for estimation.
- Formulated the comprehensive scope of work.
- Relevant drawings and specifications sent to specific trade suppliers and sub-contractors for their proposals.
- Analyzed and compared the various proposals received from the supplier/manufacturer/subcontractor.
- Continuously monitored all the addenda (if any) to incorporate in the estimation and in scope of work.
- Formulated the complete package for bidding including proposals and scope of work.
- Procured submittals from the suppliers.
- Prepared Change Orders.
- Material Procurement from different suppliers.

Mar 2014 – Jan 2015

Andale Group, LLC., Miami, USA

Internee – Project Estimator/ Site Engineer

Projects Completed:

- Site work to install the Underground Water Pipes for Barry University (Project Cost: \$21,800.00)
Project Location: 11300 NE 2nd Avenue, Miami, FL, 33161
- Fabrication and Installation of A/C Unit Support for Barry University Health and Sports Center (Project Cost: \$36,820.00)

Project Location: 11300 NE 2nd Avenue, Miami, FL, 33161

Responsibilities:

- Sent Invitation to Bids to sub-contractors via Blue Book.
- Reviewed plans, specifications and other construction documents to find the scope of work for estimation for all trades especially Architectural, Civil, Structures & Mechanical.
- Formulated the comprehensive scope of work for all trades especially Architectural, Civil, Structures & Mechanical for comparison and evaluation purpose.
- Analyzed and compared the various proposals received from the subcontractors.
- Continuously monitored all the changes received from the owner and sent it to subcontractors via Blue Book.
- Formulated the complete package for bidding including proposal and scope of work of all trades.
- Communicated with owner's representative and with sub-contractors.

Jan 2003 – Aug 2005

Trojan Engineering & Management Services (TEAMS) Karachi, Pakistan

Manager Planning & Development

Projects Completed:

- PICT Container Terminal (Berth 6-9)
- Sawan Gas Field
- Japanese Consulate (Karachi)
- RBOD Extension from Sehwan to Sea

Responsibilities:

- Reviewed all preliminary report.
- Reviewed location of exiting utilities for possible conflict and relocation.
- Analyzed and resolved field construction issues.
- Prepared, reviewed and distributed RFIs and maintained RFI Log.
- Maintained job Rental Authorization Log.
- Maintained job files and as-builts.
- Maintained thorough understanding of contract documents and subcontracts.
- Prepared meeting minutes for all job meetings.
- Completed required tasks daily: Timecards, Purchase Orders, Work Orders, Daily Paperwor.
- Packet and collected Subcontractor Daily Job Reports.
- Weekly project photos.
- Inspected/verified material deliveries.
- Managed project closeout and obtain all warranties required for final acceptance.
- Maintained punch list with Superintendent.
- Ensure company procedures and standards were maintained.

Mar 2000 – Dec 2002 **Naveed-ur-Rehman Channa & Co. Nawabshah, Pakistan**

Planning Engineer

Projects Completed:

- Construction of Library at Peoples Medical College - Nawabshah
- Construction of Baldia Shopping Mall - Nawabshah

Responsibilities:

- Managed work as per specification.
- Analyzed all engineering activities.
- Prepared required presentation for all regulatory agencies.
- Managed all communication and provide efficient feedback for all processes involved.
- Ensured optimal utilization of all common tools.
- Prepared plans and schedule for all project delivery.
- Recommended appropriate improvements and ensured optimal quality of all project schedules and evaluate reports.
- Performed regular analysis of all schedule trends.
- Updated project schedule based on the contract.
- Set the target milestones for each phase based on the project plan.
- Monitored critical activities based on the project schedule and advise project management.
- Submitted updated cash flow curve showing actual progress.
- Monitored day to day work progress and prepared the weekly and monthly reports.
- Maintained and recorded update of site work progress obtained from Project Manager.

➤ **TEACHING EXPERIENCE**

OHL SCHOOL OF CONSTRUCTION - FLORIDA INTERNATIONAL UNIVERSITY, MIAMI, USA

GRADUATE COURSES TAUGHT

Spring Semester

BCN5774 – Topics in International Construction – MSCM	2014
BCN5774 – Topics in International Construction	2014, 2013, 2012, 2011
BCN5755 – Construction Financial Management	2010
BCN5728 – Principles of Construction Scheduling	2010

Summer Semester

BCN5784 – Construction Information Systems (Summer C)	2014, 2013, 2012, 2011
BCN5746 – Construction Legal Environment (Summer C)	2013
BCN5738 – Construction Safety Management (Summer C)	2010

Fall Semester

BCN5772 – Management Construction Organization	2013, 2012, 2011, 2010
BCN5774 – Topics in International Construction – MSCM	2013
BCN5906 – CII (Construction Industry Institute) Seminar	2010

UNDERGRADUATE COURSES TAUGHT

Summer Semester

BCN4724 – Construction Scheduling – II (Summer C)	2013, 2011
BCN4724 – Construction Scheduling – II (Summer A)	2010

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI, PAKISTAN

GRADUATE COURSES TAUGHT

Department of Civil Engineering

Spring Semester

CE590 – Advanced Topics in Project Management	2009
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Fall Semester

EM504 – Project Management Frame Work & Tools	2015, 2009
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UNDERGRADUATE COURSES IN-PROGRESS

Department of Civil Engineering

Summer Semester

CE413 – Essential in Construction Project Management (Final Year)	2016
UE406 – Construction Planning & Management (Final Year)	2016

Department of Urban & Infrastructural Engineering

CE406 – Construction Planning & Management (Final Year)	2016
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UNDERGRADUATE COURSES TAUGHT

Department of Civil Engineering

CE406 – Construction Planning & Management (Final Year)	2009, 2008, 2007, 2006
CE303 – Engineering Construction (Third Year)	2009, 2008, 2007, 2006
CE202 – Introduction to Computing (Second Year)	2008

Department of Urban & Infrastructural Engineering

CE406 – Construction Planning & Management (Final Year)	2009, 2008, 2007, 2006
CE318 – Principles of Engineering Construction (Third Year)	2009, 2008, 2007, 2006
CE202 – Introduction to Computing (Second Year)	2008

Department of Petroleum Engineering

PE205 – Computer Programming & Applications (Second Year)	2008
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Department of Mechanical Engineering

CE102 – Engineering Surveying - I	2006
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Department of Electrical Engineering

CE102 – Engineering Surveying - I	2006
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**CENTER FOR CONTINUING ENGINEERING EDUCATION (CCEE) ACADEMY - NED
UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI, PAKISTAN
B. TECH (CONVERSION COURSE) TAUGHT**

Department of Civil Engineering

Fall Semester

CE6 – Civil Engineering Drawing & Graphics

2009, 2008

➤ **ACADEMIC ADMINISTRATIVE EXPERIENCE**

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI, PAKISTAN

SUPERVISOR – UNDERGRADUATE COMPUTER CENTER (UGCC),

June 2016 – To Date

Department of Civil Engineering

CLASS ADVISOR

- Class Advisor - 3rd Year (T.E.) Civil Engineering Jan 2009 – Dec 2009
- Class Advisor - 2nd Year (S.E.) Civil Engineering Jan 2008 – Dec 2008
- Class Advisor – 4th Year (B.E.) Urban Engineering Jan 2007 – Dec 2007

As an Academic Class Advisor, I played an active role in providing academic assistance and individualized attention to promote each student's success at the university and the process of advising required the following responsibilities:

- Assisted students in planning a whole year consistent with their abilities and interests.
- Counseled and advised students individually or in groups to define and develop their realistic educational career plans.
- Monitored progress towards educational/career goals periodically in each year and to review the progress towards completing the current academic year and to discuss grades and other performance indicators.
- Followed-up with the students on any report of unsatisfactory work.
- Maintained an up-to-date Advising Portfolio, with a summary record of performance to date (registration reports, grade reports, attendance reports, scholarship reports, examination reports etc.)
- Consulted regularly with other faculty colleagues in order to have up-to-date information.
- Reviewed academic records as required for students with academic difficulties, transfer students, and degree candidates.
- Served as liaison and resource with academic and/or student services departments/organizations as assigned.
- Organized and presented outreach programs for classes, academic departments and student organizations related to academic advising and career development issues.

➤ **PROFESSIONAL TRAINING EXPERIENCE**

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI, PAKISTAN

- A 6-Day Hands-on Training Workshop on ***nD Building Information Modeling (nD BIM)*** organized by Construction Engineering and Management Group (CEMG) at **May 20, 21, 27, 28 & June 3, 4, 2016**
Department of Civil Engineering (Fridays & Saturdays Only)

- A 4-Day Hands-on Training Workshop on **Computer Aided Project Management with Primavera P6 (Batch-II)** organized by Construction Engineering and Management Group (CEMG) at Department of Civil Engineering **March 25, 26 & April 1, 2, 2016**
(Fridays & Saturdays Only)
- A 5-Day Hands-on Training Workshop on **Computer Aided Project Management with Primavera P6 (Batch-I)** organized by Construction Engineering and Management Group (CEMG) at Department of Civil Engineering **March 18, 19 25, 26 & April 1, 2016**
(Fridays & Saturdays Only)
- A 2-Month Postgraduate course on **Construction Project Management Professionals (CPMP)** organized by Centre of Professional Excellence (CoPE) at Department of Civil Engineering **February 16 to April 14, 2016**
(Tuesdays & Thursdays Only)
- A 2-Day Workshop on **Advanced Project Management** organized by Centre for Continuing Engineering Education (CCEE) at NED Academy **2009**
(Friday & Saturday Only)
- A 4-Day Hands-on Training Workshop on **Mastering Microsoft Project Professional 2007** organized by Department of Civil Engineering and conducted at Department of Mechanical Engineering **2008**
(Fridays & Saturdays Only)
- A 4-Day Hands-on Training Workshop on **Mastering Microsoft Project Professional 2003** organized by Department of Civil Engineering and conducted at Department of Civil Engineering **2007**
(Fridays & Saturdays Only)

INSTITUTE OF ENGINEERING MANAGEMENT, KARACHI, PAKISTAN

- Training delivered in the discipline of **Project Management, Fundamentals of Project Management, Computer Aided Project Management** 2005, 2004, 2003

➤ RESEARCH PROJECTS

- Worked as a part of a research project which **Study the Impact of Cool Roofs on the Environment**, installed 12 temperature sensors at Air Base Elementary School to measure indoor, outdoor and roof surface temperatures. The involved organizations were Florida International University (OHL School of Construction), Air Base Elementary School Homestead Florida, Ernst & Young LLP, Miami-Dade County Public Schools - Division of Roofing, Florida Power & Light Company. (October 2011 – December 2012)
- Worked as a part of USAID funded research project entitled: **Developing a Strategic Model for Improvement of Construction Project Management Education, Research, and Practice in Pakistan** currently being undertaken jointly by the Department of Civil Engineering, NED University of Engineering and Technology, Pakistan and Department of Construction Management, Florida International University, USA. (January 2007 – December 2010)

➤ SUPERVISED UNDERGRADUATE FINAL YEAR PROJECTS

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI, PAKISTAN

Department of Civil Engineering

Successfully supervised the following final year Projects:

- Comparative Analysis of Energy Efficient Roofing Materials for Existing Buildings 2015
- Evolution of Project Management Practice in Pakistan 2009

- Cost and Time Overrun due to Delays in Building Construction Projects of Pakistan (Case Studies) 2009
- Development of a Partially Integrated Set of Construction Management Improvement Measures for the Construction Sector of Pakistan 2008
- Bid Procurement Systems in Pakistani Construction Industry: An Assessment of Existing Systems and a Recommendation for Improvement 2007
- The Financial Management in Construction Projects in Pakistan: A Case Study Approach 2007

➤ SUPERVISED UNDERGRADUATE TERM PROJECTS

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI, PAKISTAN

Department of Civil Engineering

Spring 2016

- BIM Model for a Real Project
- PPP/ BOT Projects in Public Sector Works in Pakistan – Challenges, Opportunities and the Way Forward
- Design-Build Projects in Public Sector Works in Pakistan – Challenges, Opportunities and the Way Forward
- Cost and Schedule Overruns – Project Case Studies
- Developing a 5D BIM Module – Step by Step Procedure
- Developing a BIM MEP Module – Step by Step Procedure

➤ OTHER PROJECTS

- **Retrofitting of Highway Bridge Structure** 1999
Final year Project, NED University of Engineering & Technology, Pakistan
 - ✓ A study of deteriorated Sutleg Bridge, Evaluation of causes of deterioration and application of External Prestressing as a retrofitting technique.
- **Online Hospital Information System** 2004
Masters Final Project, University of Karachi, Pakistan
 - ✓ To develop Online Hospital Information System which save the time of hospital employees and regular patients of the hospital.
- **A Step Towards Safer Environment** 1998
Third Year Project, NED University of Engineering & Technology, Pakistan
 - ✓ An environmental survey conducted on the unhygienic conditions imposed by Lyari River on the nearby habitants and to propose a framework to reduce the pollution.
- **Renovation of Infrastructure** 1998
 - ✓ A short course conducted by the Canadian Society for Civil Engineers (CSSE) in collaboration with the Institute of Engineers Pakistan (IEP).

➤ PUBLISHED RESEARCH

JOURNAL PUBLICATION

1. Ahmed, Syed M., Yaris, Catherine, Farooqui, Rizwan U., and **Saqib, Muhammad**. “*Key Attributes and Skills for Curriculum Improvement for Undergraduate Construction Management Programs*” (August 2014), Taylor and Francis, International Journal of Construction Education and Research, Volume 10, Issue 4, Pages 240-254
2. Muqem, Sana, Khamidi, Mohd F., Idrus, Arazi B. and **Saqib, Muhammad**. “*Estimating Labor Productivity Using Artificial Neural Network*” (2012), Journal of Management Procurement and Law. Elsevier
3. Farooqui, Rizwan U., Rizwan, Sumera, **Saqib, Muhammad**, and Lodi, Sarosh H. “*Ranking Construction Superintendent Competencies and Attributes Required for Success in Pakistani Construction Industry*”, Journal of Civil Engineering and Architecture (ISSN1934-7359), Volume 4, No.1 (Serial No. 26), January 2010.
4. Farooqui, Rizwan U., Rizwan, Sumera, **Saqib, Muhammad**, and Lodi, Sarosh H. “*Detailed Estimating Practices of Construction Firms in Pakistan*” (January 2010), Journal of Civil Engineering and Architecture (ISSN1934-7359). Volume 4, No.1 (Serial No. 26)
5. Farooqui, Rizwan U., **Saqib, Muhammad**, Lodi, Sarosh H., and Ahmed, Syed M. “*Factors Affecting Success of Construction Projects in Pakistan*” (2010), Malaysian Construction Research Journal (MCRJ)
6. Farooqui, Rizwan U., Ahmed, Syed M., and **Saqib, Muhammad**. “*State of Adoption and Implementation of Knowledge Management Strategies in the U.S. Construction Industry*” (2009), International Journal of Architectural Engineering and Design Management (AEDM) (ISSN: 1745-2007), CIB Publication.

PEER REVIEWED CONFERENCE PUBLICATIONS

1. Muqem, Sana, Idrus, Arazi B., Khamidi, Mohd F., Siah, Yap K. and **Saqib, Muhammad**. “*Application of Fuzzy Expert Systems for Construction Labor Productivity Estimation*”, International Conference on Computer and Information Sciences (ICCIS), Kuala Lumpur, Malaysia, July 13-15, 2012, 506–511
2. Farooqui, Rizwan U., **Saqib, Muhammad**, Saleem Farhan and Masood, Fawwad. “*Key Causes of Construction Disputes in Pakistan*”, Third International Conference on Construction in Developing Countries (ICCIDC–III) “Advancing Civil, Architectural and Construction Engineering & Management”, Bangkok, Thailand, July 4-6, 2012
3. Farooqui, Rizwan U., Umer, Muhammad, **Saqib, Muhammad**, and Ahmed, Syed M. “*An Empirical Assessment of Contractor Top Management Commitment and Support towards Safety in the U.S. Construction Industry*”, Third International Conference on Construction in Developing Countries (ICCIDC–III) “Advancing Civil, Architectural and Construction Engineering & Management”, Bangkok, Thailand, July 4-6, 2012
4. Farooqui, Rizwan U., Umer, Muhammad, Lodi, Sarosh H. and **Saqib, Muhammad**. “*Dispute Resolution in the Pakistani Construction Industry – An Assessment of Current Methods*”, Third International Conference on Construction in Developing Countries (ICCIDC–III) “Advancing Civil, Architectural and Construction Engineering & Management”, Bangkok, Thailand, July 4-6, 2012

5. Idrus, Arazi B., Muqem, Sana, Khamidi, Mohd F., Zakaria, Saiful B. and **Saqib, Muhammad**. *“Estimating Construction Labor Productivity for Concreting Activity using Artificial Neural Network”*, International Conference of Computational Intelligence and Intelligent Systems (ICCCIS 2012), London, U.K., July 4-6, 2012, 502–507
6. Khan, Raza A., Saleem, Farhan, **Saqib, Muhammad** and Umer, Muhammad. *“Benchmarking of Client’s Financial Management Practices in the Construction Sector of Pakistan”*, International Conference on Structural Engineering, Construction and Management (ICSECM), Kandy, Central, Sri Lanka, December 16-18, 2011
7. Farooqui, Rizwan U., **Saqib, Muhammad**, and Lodi, Sarosh H. *“Quantifying Measurement of Successful Construction Project Performance – A Project Manager’s Perspective”*, Six International Conference on Construction in the 21st Century: Construction Challenges in the New Decade (CITC-VI), Kuala Lumpur, Malaysia, July 5-7, 2011
8. Muqem, Sana, Idrus, Arazi B., Khamidi, Mohd F., Zakaria, Saiful B. and **Saqib, Muhammad**. *“Prediction of Construction Labor Production Rates for Malaysian Construction Industry Using ANN”*, Six International Conference on Construction in the 21st Century: Construction Challenges in the New Decade (CITC-VI 2011), Kuala Lumpur, Malaysia, July 5-7, 2011, 213–218
9. Farooqui, Rizwan U., **Saqib, Muhammad**, Ahmed, Syed M. and Lodi, Sarosh H. *“Empirical Study of Financial Accounting and Cash Flow Management Practices of Construction Contractors in Pakistan”*, Second International Conference on Construction in Developing Countries (ICCIDC–II) “Advancing and Integrating Construction Education, Research & Practice”, Cairo, Egypt, August 3-5, 2010, 107–118
10. Farooqui, Rizwan U., **Saqib, Muhammad**, Lodi, Sarosh H. and Ahmed, Syed M. *“Bid Procurement Practices in Pakistani Construction Industry – An Assessment of Bidding Requirements, Bidder Qualification & Evaluation Criteria, and Client Satisfaction Index on Traditional Design-Bid-Build Projects”*, Second International Conference on Construction in Developing Countries (ICCIDC–II) “Advancing and Integrating Construction Education, Research & Practice”, Cairo, Egypt, August 3-5, 2010, 230–237
11. Farooqui, Rizwan U., Arif , Farrukh, **Saqib, Muhammad** and Lodi, Sarosh H. *“Risks in Construction – An Empirical Study of the Responsibility Allocation of Risks and Risk Control Measures in the Pakistani Construction Industry”*, Second International Conference on Construction in Developing Countries (ICCIDC–II) “Advancing and Integrating Construction Education, Research & Practice”, Cairo, Egypt, August 3-5, 2010, 291–298
12. **Saqib, Muhammad**, Farooqui, Rizwan U., and Rizwan, Sumera. *“Delay Management Practices in Pakistani Construction Industry – Delay Avoidance and Mitigation Strategies”*, Second International Conference on Construction in Developing Countries (ICCIDC–II) “Advancing and Integrating Construction Education, Research & Practice”, Cairo, Egypt, August 3-5, 2010, 299–306
13. Ali, Mir S., **Saqib, Muhammad** and Sheeraz, Khawaja. *“Road Safety Management – A Multi Factorial Phenomenon for Road Traffic Accidents in Karachi Pakistan”*, Second International Conference on Construction in Developing Countries (ICCIDC–II) “Advancing and Integrating Construction Education, Research & Practice”, Cairo, Egypt, August 3-5, 2010, 337–344
14. Farooqui, Rizwan U., **Saqib, Muhammad**, Rafeeqi, S. F. A. and Muqem, Sana. *“Client Satisfaction Index in the Pakistani Construction Industry”*, Second International Conference on Construction in Developing Countries (ICCIDC–II) “Advancing and Integrating Construction Education, Research & Practice”, Cairo, Egypt, August 3-5, 2010, 367–375

15. **Saqib, Muhammad**, Farooqui, Rizwan U., Saleem, Farhan and Lodi, Sarosh H. *“Developing Safety Culture in Pakistani Construction Industry – Site Safety Implementation and Safety Performance Improvement”*, Second International Conference on Construction in Developing Countries (ICCIDC–II) “Advancing and Integrating Construction Education, Research & Practice”, Cairo, Egypt, August 3-5, 2010, 376–383
16. Muqem, Sana, Idrus, Arazi B., Salleh, Muhammad S. M. and **Saqib, Muhammad**. *“Development of Production Rate Database for External Works in Malaysian Construction Industry”*, Second International Conference on Construction in Developing Countries (ICCIDC–II) “Advancing and Integrating Construction Education, Research & Practice”, Cairo, Egypt, August 3-5, 2010, 395–404
17. Farooqui, Rizwan U., **Saqib, Muhammad**, and Rizwan, Sumera. *“General Construction Project Management Practices in the Pakistani Construction Industry – Extent of Application of Project Management Functions, Tools, Techniques and Systems”*, Second International Conference on Construction in Developing Countries (ICCIDC–II) “Advancing and Integrating Construction Education, Research & Practice”, Cairo, Egypt, August 3-5, 2010, 973–978
18. **Saqib, Muhammad**, Sheeraz, Khawaja and Farooqui, Rizwan, U. *“Development of Guidelines for Road Safety Audit in Pakistan: Case Studies”*, “Third International Symposium on Infrastructure Engineering in Developing Countries (IEDC 2010) and 1st International Conference on Sustainable Transportation & Traffic Management”, Karachi, Pakistan, July 1-3, 2010, 141-151
19. Farooqui, Rizwan U., **Saqib, Muhammad**, Lodi, Sarosh H. and Ahmed, Syed M. *“Factors Affecting Success of Construction Projects in Pakistan”*, Proceedings of the 2nd Construction Industry Research Achievement International Conference (CIRAIC 2009), Kuala Lumpur, Malaysia, November 3-5, 2009
20. Farooqui, Rizwan U., **Saqib, Muhammad** and Panthi, Kamalesh, Ahmed, Syed M. *“Ranking Construction Superintendent Competencies and Attributes Required for Success in Pakistani Construction Industry”*, 2009. Fifth International Conference on Construction in the 21st Century: Collaboration and Integration in Engineering, Management and Technology (CITC-V 2009), Istanbul, Turkey, May 20-22, 694-701
21. **Saqib, Muhammad**, Farooqui, Rizwan U., Lodi, Sarosh H. and Rafeeqi, Sahibzada F.A. *“Quality Culture Auditing for Construction Contractors in Pakistan”*, 2009. Fifth International Conference on Construction in the 21st Century: Collaboration and Integration in Engineering, Management and Technology (CITC-V 2009), Istanbul, Turkey, May 20-22, 802-810
22. Huda, Khalid S. M., Farooqui, Rizwan U. and **Saqib, Muhammad**. *“Finding Ways for Enhancing Postgraduate Level Education in Construction Management in Pakistan”* has been published in proceedings of First International Conference on Construction in Developing Countries (ICCIDC-I-2008), Karachi, Pakistan, August 4-5, 2008, 33-41
23. Farooqui, Rizwan U., **Saqib, Muhammad**, Arif, Farrukh and Lodi, Sarosh H. *“An Assessment of General Trends Adopted for Bidding and Procurement in the Construction Industry of Pakistan”* has been published in proceedings of First International Conference on Construction in Developing Countries (ICCIDC-I-2008), Karachi, Pakistan, August 4-5, 2008, 153-160
24. Farooqui, Rizwan U., **Saqib, Muhammad** and Ahmed, Syed M. *“Assessment of Critical Skills for Project Managers in Pakistani Construction”* has been published in proceedings of First International Conference on Construction in Developing Countries (ICCIDC-I-2008), Karachi, Pakistan, August 4-5, 2008, 221-234

25. **Saqib, Muhammad**, Farooqui, Rizwan U. and Lodi, Sarosh H. “*Assessment of Critical Success Factors for Construction Projects in Pakistan*” has been published in proceedings of First International Conference on Construction in Developing Countries (ICCIDC-I-2008), Karachi, Pakistan, August 4-5, 2008, 392-404
26. Farooqui, Rizwan U., Ahmed, Syed M. and **Saqib, Muhammad**. “*Knowledge Management in U.S. Construction Industry: Current Status and Future Directions*”, 2008. 5th International Conference on Innovation in Architecture, Engineering and Construction (ACE-2008), June 23-25 2008, Antalya, Turkey
27. Farooqui, Rizwan U., Ahmed, Syed M. and **Saqib, Muhammad**. “*Delays in Construction – An Empirical Study of Contractors’ Perceptions in Pakistan Construction Industry*”, 2007. Fourth International Conference on Construction in the 21st Century: Accelerating Innovation in Engineering, Management and Technology (CITC-IV 2007), Gold Coast, Australia, July 11-13, 256-270

➤ MEMBER REVIEW PANEL

- Member Review Panel for the Proceedings of ICE Journal - Management, Procurement and Law. Management, Procurement and Law is published by the Institution of Civil Engineers.
- Member Review Panel for NED University Journal of Research. This journal is published by NED University of Engineering and Technology, Karachi.
- Member Review Panel for Journal of Construction in Developing Countries. It is CIB encouraged journal.
- Member Review Panel for Elsevier Editorial Systems (EES), the online submission and peer review tracking system for Scientia Iranica.

➤ EDITORS

- Editor Turkish Journal of Hydraulic, SL Publishing Science Literature (2015)
- Assistant Editor of Versita, pioneer Open Access academic book publishing program in Engineering, Industry, Transportation (2013)
- Editor conference Proceeding ***Second International Conference on Construction in Developing Countries- ICCIDC-II*** jointly organized by Department of Civil Engineering, NED University of Engineering & Technology, Karachi, Florida International University Miami, USA, and Misr for Services & Maintenance (MSM) Construction Engineering Services Cairo, Egypt, August 3-5, 2010
- Editor conference Proceeding ***First International Conference on Construction in Developing Countries- ICCIDC-I*** jointly organized by Department of Civil Engineering, NED University of Engineering and Technology, Karachi and Florida International University Miami, USA, August 4-5, 2008

➤ AWARDS/CERTIFICATE OF APPRECIATION

- Received a Souvenir for organizing the ***Different Certificates Programmes in Spring 2016 and 1st Graduation Ceremony of Certificate Programmes*** organized by Construction Engineering and Management Group (CEMG) and Centre of Professional Excellence (CoPE) at Pakistan Navy, Central Mess (NORE-I), M.T. Khan Road held on June 05, 2016, Karachi – Pakistan
- Received a Souvenir as facilitator of 6-Day Hands-on Training Workshop on ***nD Building Information Modeling (nD BIM)*** organized by Construction Engineering and Management Group (CEMG) at Department of Civil Engineering in the “*1st Graduation Ceremony of Certificate Programmes*” organized by Construction Engineering and Management Group (CEMG) and Centre of Professional Excellence (CoPE) at Pakistan Navy,

Central Mess (NORE-I), M.T. Khan Road held on June 05, 2016, Karachi – Pakistan

- Received a Souvenir as facilitator of 2-Month Postgraduate Course on **Construction Project Management Professionals (CPMP)** organized by Construction Engineering and Management Group (CEMG) at Department of Civil Engineering in the “1st Graduation Ceremony of Certificate Programmes” organized by Construction Engineering and Management Group (CEMG) and Centre of Professional Excellence (CoPE) at Pakistan Navy, Central Mess (NORE-I), M.T. Khan Road held on June 05, 2016, Karachi – Pakistan
- Received a Souvenir and a Certificate of Appreciation as Master of Ceremony of the 2-Day Interactive Workshop on **Contracts, Claims & Disputes** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on May 20 & 21, 2016, Karachi – Pakistan
- Received a Souvenir and a Certificate of Appreciation for organizing the 2-Day Interactive Workshop on **Contracts, Claims & Disputes** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on May 20 & 21, 2016, Karachi – Pakistan
- Received a Souvenir and Certificate of Appreciation as facilitator of 4-Day Hands-on Training Workshop on **Computer Aided Project Management with Primavera P6 (Batch-II)** organized by Construction Engineering and Management Group (CEMG) at Department of Civil Engineering, NED University of Engineering & Technology held on March 25, 26 & April 01, 02, 2016, Karachi – Pakistan
- Received a Souvenir and Certificate of Appreciation as facilitator of 5-Day Hands-on Training Workshop on **Computer Aided Project Management with Primavera P6 (Batch-I)** organized by Construction Engineering and Management Group (CEMG) at Department of Civil Engineering, NED University of Engineering & Technology held on March 18, 19 25, 26 & April 01, 2016, Karachi – Pakistan
- Received a Souvenir and a Certificate of Appreciation for organizing the 2-Day International Workshop on **Energy Efficient Building Design for Comfort, Economics and Climate Change** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on April 04 & 05, 2016, Karachi – Pakistan
- Received a Souvenir and a Certificate of Appreciation for organizing the 1-Day Interactive Workshop **Entrepreneurship and Business Opportunity Assessment for Engineers** organized by Centre of Professional Excellence (CoPE) at NED University of Engineering & Technology held on February 20, 2016, Karachi – Pakistan
- Received a Souvenir and a Certificate of Appreciation for organizing and moderating the 2-Day International Workshop **Combating Fraud – A 360° Perspective** organized by Centre of Professional Excellence (CoPE) at NED University of Engineering & Technology held on January 08 & 09, 2016, Karachi – Pakistan
- Represented Florida International University and received a Certificate of Appreciation from Air Base Elementary School in honoring **Earth Day with a Culminating Celebration of the Cool Roofs Project** in Homestead – Florida, April 2012
- Received a Certificate of Appreciation for organizing **Six International Conference on Construction in The 21st Century - CITC-VI** successfully in Kuala Lumpur – Malaysia, July 2011
- Received a Souvenir for organizing **International Workshop on Cement Based Materials and Civil Infrastructure CBM-CI** successfully in Karachi – Pakistan, December 2007

➤ **MODERATOR**

- Moderated the 2-Day Interactive Workshop on **Contracts, Claims & Disputes** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on May 20 & 21, 2016, Karachi – Pakistan
- Moderated the 2-Day International Workshop on **Energy Efficient Building Design for Comfort, Economics and Climate Change** organized by Construction Engineering and Management Group (CEMG) at

NED University of Engineering & Technology held on April 4, 5, 2016, Karachi, Pakistan

- Moderated the 2-Day International Workshop ***Combating Fraud – A 360° Perspective*** organized by Centre of Professional Excellence (CoPE) at NED University of Engineering & Technology held on January 08-09, 2015, Karachi, Pakistan
- Moderated the 1-Day Local Workshop on ***Improving Construction Project Management Practices in Pakistan: Assessment of Research Findings and The Way Forward*** organized by Department of Civil Engineering, NED University of Engineering and Technology held on August 29, 2007 at NED University of Engineering and Technology Karachi, Pakistan
- Moderated the 1-Day Local Workshop on ***Advances in Construction Engineering, Management and Implementation Practices: the US Experience*** organized by Department of Civil Engineering, NED University of Engineering and Technology held on January 06, 2007 at NED University of Engineering and Technology Karachi, Pakistan
- Moderated the 1-Day Local Workshop on ***Strengthening the Role of Academia in Development of Construction Engineering & Management Education in Pakistan*** organized by Department of Civil Engineering, NED University of Engineering and Technology held on August 10, 2006 at NED University of Engineering and Technology Karachi, Pakistan

➤ **WEBSITE DEVELOPMENT**

- An official website for an International Conference entitled ***Six International Conference on Construction in the 21st Century-CITCVI: Construction Challenges in the New Decade*** is developed and launched with the URL: <http://www.citc.ecu.edu> (Now inactive)
- An official website for an International Conference entitled ***Second International Conference on Construction in Developing Countries-ICCIDC-II: Advancing and Integrating Construction Education, Research and Practice*** is launched with the URL: <http://www2.fiu.edu/~iccidc> (Now inactive)
- An official website for an International Conference entitled ***First International Conference on Construction in Developing Countries-ICCIDC-I: Advancing and Integrating Construction Education, Research and Practice*** is developed and launched with the URL: <http://civil.neduet.edu.pk/ICCIDC-I/Home.htm>
- An official website for an International Workshop entitled ***International Workshop - Cement Based Materials and Civil Infrastructure-CBM-CI*** is developed and launched. URL: <http://civil.neduet.edu.pk/CBM-CI/Home.html>
- An official website for ***American Concrete Institute Pakistan Chapter (ACI-Pakistan Chapter)*** is developed and launched. This website provides facilities to local civil engineers to register themselves and be the members of ACI Pakistan Chapter. URL: <http://www.acipakistan.org> (Now inactive)
- An official website of ***Department of Civil Engineering*** is uploaded on NED Domain with URL: <http://www.neduet.edu.pk/Civil/civil.html>

➤ **SEMINARS, WORKSHOPS AND CONFERENCES ORGANIZED**

- Member Organizing Committee of the 3-Day Interactive Workshop on ***Public Procurement Procedures in Pakistan*** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on May 31, June 01 & 02, 2016, Karachi – Pakistan
- Member Organizing Committee of the 2-Day Interactive Workshop on ***Contracts, Claims & Disputes*** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on May 20 & 21, 2016, Karachi – Pakistan
- Member Organizing Committee of the 6-Day Hands-on Training Workshop on ***nD Building Information***

- Modeling (nD BIM)** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on May 20, 21, 27, 28 & June 03, 04, 2016, Karachi – Pakistan
- Member Organizing Committee of the Workshop on **Integrating Ethics in Engineering Education** organized by Centre of Professional Excellence (CoPE) at NED University of Engineering & Technology held on May 20, 2016, Karachi – Pakistan
 - Member Organizing Committee of the Workshop on **Comprehensive Zakat Calculation Using Excel** organized by Centre of Professional Excellence (CoPE) at NED University of Engineering & Technology held on May 18, 2016, Karachi – Pakistan
 - Member Organizing Committee of the 5-Day Interactive Exam Preparation Course on **Project Management Professional (PMP) for Engineers** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on May 01, 08, 15, 22 & 29, 2016, Karachi – Pakistan
 - Member Organizing Committee of the 2-Day International Workshop on **Energy Efficient Building Design for Comfort, Economics and Climate Change** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on April 04 & 05, 2016, Karachi – Pakistan
 - Member Organizing Committee of the 4-Day Hands-on Training Workshop on **Computer Aided Project Management with Primavera P6 (Batch II)** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on March 25, 26 & April 01, 02, 2016, Karachi – Pakistan
 - Member Organizing Committee of the 5-Day Hands-on Training Workshop on **Computer Aided Project Management with Primavera P6 (Batch I)** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on March 18, 19, 25, 26 & April 01, 2016, Karachi – Pakistan
 - Member Organizing Committee of the 2-Day Interactive Exam Preparation Course on **Project Management Institute's Agile Certified Practitioner (PMI-ACP)** organized by Centre of Professional Excellence (CoPE) at NED University of Engineering & Technology held on February 27 & 28, 2016, Karachi – Pakistan
 - Member Organizing Committee of the 1-Day Interactive Workshop on **Entrepreneurship and Business Opportunity Assessment for Engineers** organized by Centre of Professional Excellence (CoPE) at NED University of Engineering & Technology held on February 20, 2016, Karachi – Pakistan
 - Member Organizing Committee of the 2-Month Postgraduate Certificate Program on **Construction Project Management Professional (CPMP) Certificate** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held from February 16 to April 14, 2016, Karachi – Pakistan
 - Member Organizing Committee of the 4-Month Postgraduate Certificate Program on **Certified Supply Chain Professional (CSCP-2016) Course Study** organized by Center of Professional Excellence (CoPE) at NED University of Engineering & Technology held from February 14 to May 29, 2016, Karachi – Pakistan
 - Member Organizing Committee of the 2-Month Postgraduate Certificate Program on **Becoming a High Impact Leader in Engineering Organization** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held from January 11 to March 17, 2016, Karachi – Pakistan
 - Member Organizing Committee of the 2-Day International Workshop **Combating Fraud – A 360° Perspective** organized by Centre of Professional Excellence (CoPE) at NED University of Engineering & Technology held on January 08 & 09, 2016, Karachi – Pakistan
 - Departmental Coordinator of **FIU-MIT Transportation Infrastructure Sustainability Summit**, jointly organized by OHL School of Construction, Florida International University and Massachusetts Institute of Technology, held on October 29, 2013 at Kovens Conference Center, FIU Biscayne Bay Campus, Miami, Florida

- Conference Coordinator and Member Organizing Committee of ***Third International Conference on Construction in Developing Countries-ICCIDC-III*** jointly organized by Department of Construction Management, College of Technology and Computer Science (TECS), East Carolina University (ECU), USA, Department of Civil Engineering, NED University of Engineering, and Technology, Karachi - Pakistan, Mcwhorter School of Building Science, Auburn University Auburn, Alabama – USA and Florida International University Miami - USA held on July 04 to 06, 2012, Bangkok – Thailand
- Conference Lead Coordinator & Webmaster and Member Organizing Committee of ***Six International Conference on Construction in The 21st Century-CITC-VI*** jointly organized by East Carolina University, USA, Universiti Teknologi Mara, Malaysia and Florida International University Miami, USA held on July 05 to 07, 2011, Kuala Lumpur – Malaysia
- Conference Lead Coordinator & Webmaster and Member Organizing Committee of ***Second International Conference on Construction in Developing Countries-ICCIDC-II*** jointly organized by Department of Civil Engineering, NED University of Engineering, and Technology, Karachi, Florida International University Miami, USA and Misr for Services & Maintenance (MSM) Construction Engineering Services Cairo – Egypt and held on August 01 to 03, 2010, Cairo – Egypt
- Program Coordinator, Conference Coordinator and Member Organizing Committee of the ***First International Conference on Construction in Developing Countries-ICCIDC-I*** jointly organized by Department of Civil Engineering, NED University of Engineering and Technology, Karachi and Florida International University Miami, USA held on August 04 & 05, 2008, Karachi – Pakistan
- Member Organizing Committee of the ***International Workshop on Cement Based Materials and Civil Infrastructure CBM-CI*** organized by Department of Civil Engineering, NED University of Engineering and Technology held on December 10 & 11, 2007, Karachi – Pakistan
- Member Organizing Committee of the 1-Day Local Workshop on ***Improving Construction Project Management Practices in Pakistan: Assessment of Research Findings and The Way Forward*** organized by Department of Civil Engineering, NED University of Engineering and Technology held on August 29, 2007 at NED University of Engineering and Technology Karachi, Pakistan
- Member Organizing Committee of the 1-Day Local Workshop on ***Advances in Construction Engineering, Management and Implementation Practices: the US Experience*** organized by Department of Civil Engineering, NED University of Engineering and Technology held on January 06, 2007 at NED University of Engineering and Technology Karachi, Pakistan
- Member Organizing Committee of the 1-Day Local Workshop on ***Strengthening the Role of Academia in Development of Construction Engineering & Management Education in Pakistan*** organized by Department of Civil Engineering, NED University of Engineering and Technology held on August 10, 2006 at NED University of Engineering and Technology Karachi, Pakistan

➤ **SEMINARS, WORKSHOPS AND CONFERENCES ATTENDED**

- 2-Day Interactive Workshop on ***Contracts, Claims & Disputes*** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on May 20 & 21, 2016, Karachi – Pakistan
- Workshop on ***Comprehensive Zakat Calculation Using Excel*** organized by Centre of Professional Excellence (CoPE) at NED University of Engineering & Technology held on May 18, 2016, Karachi – Pakistan
- 5-Day Interactive Exam Preparation Course on ***Project Management Professional (PMP) for Engineers*** organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on May 01, 08, 15, 22 & 29, 2016, Karachi – Pakistan
- 2-Day International Workshop on ***Energy Efficient Building Design for Comfort, Economics and Climate***

Change organized by Construction Engineering and Management Group (CEMG) at NED University of Engineering & Technology held on April 04 & 05, 2016, Karachi – Pakistan

- 2-Day Interactive Exam Preparation Course on **Project Management Institute's Agile Certified Practitioner (PMI-ACP)** organized by Centre of Professional Excellence (CoPE) at NED University of Engineering & Technology held on February 27 & 28, 2016, Karachi – Pakistan
- 1-Day Interactive Workshop **Entrepreneurship and Business Opportunity Assessment for Engineers** organized by Centre of Professional Excellence (CoPE) at NED University of Engineering & Technology held on February 20, 2016, Karachi – Pakistan
- 2-Day International Workshop **Combating Fraud – A 360° Perspective** organized by Centre of Professional Excellence (CoPE) at NED University of Engineering & Technology held on January 08 & 09, 2016, Karachi – Pakistan
- A workshop on **FIU-MIT Transportation Infrastructure Sustainability Summit**, jointly organized by OHL School of Construction, Florida International University and Massachusetts Institute of Technology, held on October 29, 2013 at Kovens Conference Center, FIU Biscayne Bay Campus, Miami, Florida
- A Forum on **Concrete Civilizations' Foundation and Keystone**, jointly organized by College of Engineering and Computing, Florida International University, Miami Florida and Titan America, LLC, Miami Florida, at Florida International University, February 02, 2012
- Second National Workshop on Construction Materials **Bridging the Materials and the Civil Infrastructure Applications** organized by Construction Material Research Group (CMRG), Research through Practice held on December 22, 2011 at NED University of Engineering and Technology Karachi, Pakistan
- A Forum on **Florida Infrastructure Sustainability**, jointly organized by College of Engineering and Computing, Florida International University, Miami Florida and Titan America, LLC, Miami Florida, at Florida International University, February 18, 2010
- Fifth International Conference on Construction in the 21st Century: **Collaboration and Integration in Engineering, Management and Technology** (CITC-V 2009), Istanbul, Turkey, May 20 to 22, 2009
- First International Conference on Construction in Developing Countries-ICCIDC-I, **Advancing and Integrating Construction Education, Research and Practice**, Karachi, Pakistan, August 04 & 05, 2008
- Fifth International Conference on **Innovation in Architecture, Engineering and Construction (ACE-2008)**, Antalya, Turkey, June 23 to 25, 2008
- 2-Day International Workshop on **Cement Based Materials and Civil Infrastructure CBM-CI** organized by Department of Civil Engineering, NED University of Engineering and Technology held on December 10 & 11, 2007 at Pearl Continental Karachi, Pakistan
- 1-Day Local Workshop on **Improving Construction Project Management Practices in Pakistan: Assessment of Research Findings and The Way Forward** organized by Department of Civil Engineering, NED University of Engineering and Technology held on August 29, 2007 at NED University of Engineering and Technology Karachi, Pakistan
- 1-Day International Conference on **Construction Industry-ICCI** held on the occasion of Build Asia-2007 jointly organized by E-Commerce Gateway and NED University of Engineering and Technology, Karachi on August 28, 2007 at Expo Center Karachi, Pakistan
- 1-Day Local Workshop on **Performance Based Earthquake Engineering and Applications to the Evaluation and Retrofit of Existing Buildings** organized by ACI-Pakistan Chapter held on July, 21, 2007 at NED University of Engineering and Technology, Karachi, Pakistan
- 1-Day Local Workshop on **Advances in Construction Engineering, Management and Implementation Practices: the US Experience** organized by Department of Civil Engineering, NED University of Engineering and Technology held on January 06, 2007 at NED University of Engineering and Technology Karachi, Pakistan
- 1-Day Local Workshop on **Strengthening the Role of Academia in Development of Construction**

Engineering & Management Education in Pakistan organized by Department of Civil Engineering, NED University of Engineering and Technology held on August 10, 2006 at NED University of Engineering and Technology Karachi, Pakistan

➤ PROFESSIONAL AFFILIATIONS

- Member American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE), USA
- Member American Concrete Institute (ACI), USA
- Member Sigma Lambda Chi, USA
- Member American Society of Civil Engineers (ASCE), USA
- Member Pakistan Engineering Council (PEC), Pakistan (Life Time Member)
- Member Building Construction, Pakistan Standards and Quality Control Authority (PSQCA), Pakistan

➤ COMPUTATIONAL SKILLS

- **Project Management:** Primavera Project Management P6, Primavera Project Planner P3, MS Project (2016, 2010, 2007, 2003)
- **Engineering and Design:** Revit 2014, Navisworks Manage 2014, Crystal Ball, @RISK, Timberline/SAGE, On Screen Take-off, PlanSwift Estimation Software, Vu360, Bluebeam Revu, AutoCAD 2000, RoadCAL
- **Building Energy Tools:** Ecotect, EnergyPlus (V8)
- **Programming Languages/ Software Development:** C, C++, Visual C++, Java, Assembly, Pascal, FORTRAN, VB.NET, GW BASIC, MATLAB
- **Database/RDBMS:** Microsoft Access, SQL
- **Platforms:** Windows, Linux
- **Website Development Tools:** Microsoft Front Page, Adobe Dreamweaver
- **General Software Applications:** MS Office

➤ PERSONAL TRAITS

- Problem solver with strong analytical and numerical skills
- Strategic thinking abilities
- Proficient teaching/professional skills
- Quick learner & Reliable
- Enthusiastic and highly motivated self-starter
- Ambitious and efficient and like to do my assignment with eagerness
- Interact with people and believe in teamwork
- Willing to accept challenges
- High personal integrity, and able to relate and create trust in all

➤ REFERENCES

- Will be furnished upon request