|  |
| --- |
| **List of Research papers published/accepted for publication in International peer reviewed journals** |
| **Sr. No.** | **Research Paper** | **Name of Journal & Vol. (No): pages/year** |
| 1 | Effect of Longitudinal Steel, Shear Span to Depth Ratio on the Shear Strength of High Strength Concrete Beams | Mehran University Journal of Engineering & Technology- Jamshoro UET- ak.Vol.27(2)pp171-180 (200) |
| 2 | Experimental Verification of Current Shear Design Equations for High Strength Concrete beams | Mehran University Journal of Engineering & Technology- Jamshoro UET-Pak.July2012 |
| 3 | Use of fly ash as cementations material in concrete” Vol-20 No.1 Jan-June 2001. Engineering University Peshawar-Pakistan. | Journal of Engineering and Applied Sciences JEAS-Engineering University Peshawar-Pakistan. Jan-June 2001. Vol 20(1) pp37-45 |
| 4 | Change Management-A 21st century challenge for Organizational Development | Pakistan Management Review Vol.XLVI No. 3 |
| 5 | Evaluation of Shear Strength of High Strength Concrete Corbels using Strut and Tie Model (STM)”  | Arabian Journal of Science and Engineering (AJSE)34 (2B) 2009 pp27-35 |
| 6 | Evaluation of shear strength of four pile caps using Strut and Tie Model (STM). | Journal of Chinese Institute of Engineers (JCIE) Vol.32 (2) 2009 pp 243-249 |
| 7 | Statistical Model for the shear strength of High Strength Concrete Beams”  | Arabian Journal of Science and Engineering (AJSE)Vol. 34 No. 2BPp 399-414 |
| 8 | Investigation into shear properties of Medium Strength Reinforced Concrete beams. | Journal of Structural Engineering and Mechanics Techno press-Korea.35 No.3 2010 pp265-282 |
| 9 | Shear Strengthening of corbels with Carbon Fibres Reinforced Polymers (CFRP) | Journal of Material de Construccion Spain. 2010,Vol.60 (299) pp79-97 |
| 10 | Application of Neural Network Model for the prediction of shear strength of Reinforced Concrete beams | Neural Network World Vol.20(2010) pp667-686 |
| 11 | Design and Evaluation of the shear Strength of Deep beams by Strut and Tie Model (STM) | Iranian Journal of Science and Technology (2011)Vol.35 C1 pp1-13 |
| 12 | An experimental investigation into shear capacity of High Strength Concrete beams | Asian Journal of Civil Engineering (Building and Housing (2007) Vol. 8(5) 545-558 |
| 13 | Performance Evaluation and Improvements of Mud houses in Disaster prone areas | International Journal of Earth Sciences and Engineering ( IJEE) 2012 Vol. 5(03) pp390-401 |
| 14 | Use of Information and Communication Technology (ICT) for Effective Open and Distant Learning (ODL) | International Journal of Emerging Technologies in Vol.4(4) 200963-67 |
| **Sr. No.** | **Research Paper** | **Name of Journal & Vol. (No): pages/year** |
| 15 | Public Procurement Rules and Low bidder Dilemma in Pakistan | Interdisciplinary Journal of Contemporary Research In Business (IJCRB)- 2010USA Vol.2 No.6 |
| 16 | Environmental Impact Assessment (EIA) of Infrastructure Development Projects in Developing Countries | OIDA International Journal of Sustainable Development Vol. 01 ( 05) 47-54 |
| 17 | Re-Use and Remodeling of Old Buildings at Allama Iqbal Open University Pakistan, Using Sustainable Design Principles | International Journal of Sustainable Development Vol. 01 ( 05) pp61-66 |
| 18 | Analysis and Design of Disturbed Regions in Concrete structures | Procedia Engineering ( Elsevier) Vol14(2011) pp3317-3324 |
| 19 | Damaged Assessment of Flood affected Mud houses in Pakistan  | **Journal of Himalayan Earth Sciences (JHES)** NCEG Vol 46 No 1 pp 99-110 [http://nceg.upesh.edu.pk/GeologicalBulletin/Vol-46(1)-2013/Vol-46(1)-2013-Paper11.pdf](http://nceg.upesh.edu.pk/GeologicalBulletin/Vol-46%281%29-2013/Vol-46%281%29-2013-Paper11.pdf) |
| 20 | “Effect of High Range water reducers (HRWR) on the properties of Concrete in fresh and hardened state.  | Accepted for publication in -Iranian Journal of Science and Technology – Transactions of Civil Engineering Vol.37 No. C pp513-17<http://ijstc.shirazu.ac.ir/?_action=articleInfo&article=1804&vol=255>. |
| 21 | Experimental investigation on the use of recycled aggregates in producing concrete  | **Structural Engineering and Mechanics***, Vol. 47, No. 4 (2013) pp 545-557*DOI: http://dx.doi.org/10.12989/sem.2013.47.4.545 |
| 22 | Exploring the opportunities of Construction and Demolition (C&D) Wastes in Concrete  | **Scinetia Iranica** ( International Journal of Science and Technology) Accepted for publication (Article in press) [**http://www.scientiairanica.com/en/ManuscriptDetail?mid=234**](http://www.scientiairanica.com/en/ManuscriptDetail?mid=234) |
| 23 | Study of rutting behavior of Flexible Pavement under Varying Temperatures and Bitumen Contents | Journal of Life Sciences  |
| 24 | Analysis of problems faced by the working women in Non- Government Organization ( A case study of District Mardan KPK)  | International Multidisciplinary Research Journal ( European Academic Research) July 2014.  |
| 25 | Study of Quality Management System in Construction Industry of Pakistan | Journal of Environmental and Biological Science- Volume 1 (Spl. Edn. 7), Article ID J. Appl. Environ. Biol. Sci.\_396\_S |
| **5.3 List of Research papers published/presented in International peer reviewed Conferences**  |
| **Sr. No.** | **Research Paper** | **Name of Journal & Vol. (No): pages/year** |
|  | “Effect of Water Reducing Concrete Admixtures on properties of Concrete”.  | 29th Conference on “Our World in Concrete & Structures” 25-26th August, 2004 at Singapore.[www.cipremier.net/page.php?74](http://www.cipremier.net/page.php?74) |
| 26 | Rehabilitation of Concrete Structures with Carbon Fiber Reinforced Polymers (CFRP)  | proceedings Earth & Space Conference-2006, arranged by American Society of Civil Engineers ( ASCE) in March 2006 at Houston USA. ([http://dx.doi.org/10.1061/40830(188)133)](http://dx.doi.org/10.1061/40830%28188%29133%29) |
| 27 | Post Earthquake assessment and Rehabilitation of damaged buildings”. | published in the proceedings of International Conference on Earthquake Engineering arranged by UET Lahore Pakistan in September, 2006 |
| 28 | Planning for Disaster Preparedness and Management in Pakistan”.  | Published in the proceeding of 10th CI international Conference on Inspection, Appraisal, Repairs, and Maintenance of Structures held on October 24-26, 2006 at Hong Kong.  |
| 29 | Strength Development Characteristics of Very Early Strength Concrete”   | CI Conference RB 07 on “Recent Developments in Concrete” held in Washington USA during Sep-2007.<http://www.civil.umd.edu/documents/news/Concrete_Technology_Conference.pdf> |
| 30 |  “Comparative study of two commercially available Superplasticisers on the properties of Concrete. | Published in the conference proceedings of Our World in Concrete-CI premier Conference-Aug 2007. <http://www.cipremier.com/e107_files/downloads/Papers/100/32/100032011.pdf> |
| 31 | Effect of Ground Granulated Blast Furnace Slag, on the Alkali Aggregates reaction for various types of aggregates.  | Published in the conference proceedings of Our World in Concrete-CI premier Conference-Aug 2007. |
| 32 | Resource Development for Sustainability in Construction -A Case Study of RDI | published in the proceedings of Fourth International Conference on Construction in the 21st Century *Accelerating Innovation in Engineering, Management and Technology* July 11-13, 2007 Gold Coast, Australia. |
| 33 | Analysis and design of disturbed regions in concrete structures”  | *Twelfth East Asia-Pacific Conference on Structural Engineering and Construction” (EASEC-12) Hong Kong* Jan 26 to 28, 2011. |
| 34 | Evaluation and Improvement of Seismic Performance of locally constructed Non-engineered buildings in the earthquake prone areas of Pakistan.  | Published in the proceedings presentation of International Conference on Earthquake Engineering to be held at NUST, 25-26 April,2011.  |
| 35 | Evaluation of Expanded Polystyrene based Blocks for Lightweight Structures in the seismic prone areas.  | International Conference on Earthquake Engineering to be held at NUST, 25-26 April, 2011 |
| **Sr. No.** | **Research Paper** | **Name of Journal & Vol. (No): pages/year** |
| 36 | Comparison of Public Procurement procedures under PPRA: 2004”. | *First International Conference on Construction in developing Countries-* NED University of Engineering and Technology-Karachi-Pakistan August 4-5,2008  |
| 37 |  “ Role of Open and Distance Learning in the capacity building of Engineers”  | *Published in the proceedings of First International Conference on Construction in developing Countries- NED University of Engineering and Technology-Karachi-Pakistan August 4-5,2008.*<http://www.neduet.edu.pk/ICCIDC-I/Conference%20Proceedings/Papers/046.pdf> |
| 38 | **Analyzing the Effectiveness of Community Training in the Earthquake Resisting Reconstruction of Houses- A case study from District Battagram-Pakistan** | **International Seminar on “ *Earthquake Hazards Pakistan: Post-October 08,2005 Muzaffarabad Earthquake Scenario held on August 23-24,2008 at Baragali Summer camp University of Peshawar-Pakistan.***  |
| 39 | Environmental Impact in the context of groundwater pollution”  | International Conference on Development and Investment in Clean Environment organized by Environment Asia- 2008 at Lahore, October 14-15, 2008. |
| 40 | Green Building Design- A new Paradigm”  | published in the proceedings of International Conference on Science, Technology and Innovation for Sustainable Well-Being (STISWB), on 23-24 July 2009, at Mahasarakham University, Thailand. (202.28.32.231/symp/doc/paper/172.doc) |
| 41 | Planning for Disaster Management and Preparedness at Educational Institutions”  | Proceedings of 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 |
| 42 | Causes of Delays and Cost overruns in the mega projects of Islamabad-Pakistan”   | presented in *Second International Conference on Construction In Developing Countries(ICIDC-II)“Education Advancing and Integrating Construction Education, Research and Practice***”** Cairo, Egypt. August 3-5, 2010 |
| 43 | Comparative analysis of the National Disaster Management Plan of Pakistan in the regional context”.  | Presented at National Conference on recent developments in arranged by National Centre of Excellence in Geology, University of Peshawar Sep. 23-25,2010. |
| 44 | Exploring opportunities of rain water harvesting in the urban areas of Pakistan”. | presented at National Conference on recent developments in arranged by National Centre of Excellence in Geology, University of Peshawar Sep. 23-25,2010 |
| 45 | Safety and Security Management in Educational Institutions”  | Dawn Islamabad, Sunday 10th Januray-2010. |
| 46 | Impact of Climate Change on Pakistan in the aftermath of Monson Floods-2010 | Devnet 2012 Conference Massey University, Palmerstone North, New Zealand from 1 – 3 December 2010 |
| **Sr. No.** | **Research Paper** | **Name of Journal & Vol. (No): pages/year** |
| 47 | Exploring Opportunities of Design and Build Contracts for the Construction Projects in Pakistan”  | presented in “*6th* *International Conference on Twenty First Century (CITC-VI)* held at Kuala Lumpur, Malaysia July 5-7,2011 pp 457-467. |
| 48 | Modern Project Procurement Methods and Public Procurement Rules-2004”  | Presented i International One day Seminar on “ Modern Trends in Project Management at AIOU on July,28th,2011. |
| 49 | Role of Engineers in the Economic Development of Pakistan**”**  | Presented at the One day Seminar organized by Institute of Engineers Pakistan on August 16th, 2007 at Holiday Inn.  |
| 50 | Designing and Construction of Earthquake resistant Buildings | Presented in the brainstorming session by COMSATS held at Marriot Hotel Islamabad-Pakistan in Nov, 2005. |
| 51 | Minimizing the damages of earthquake”  | Published in daily dawn Pakistan dated;12.11.05 <http://www.dawn.com/weekly/science/archive/051112/science3.htm> |
| 52 | Developed “**Environmental and Social Management Plan (ESMP)”** for the World Bank assisted project of Higher Education Commission Pakistan.  |
| 53 | Energy Conservation Strategies for educational Institutions  | Presented in First International Conference on Energy and Environment at AIOU on Oct 09-12,2011. |
| 54 | Comparative Analysis of Roof Insulation techniques for hot climates of Pakistan  | Presented in First International Conference on Energy and Environment at AIOU on Oct 09-12, 2011. |
| 55 | Life Cycle Assessment of Steel Sandwich Panels buildings for Educational Institutions”  | Accepted for oral presentation at *First International Conference on Building Sustainability Assessment* to be held at Proto Portugal May,2012. |
| 56 | Reuse of municipal construction wastes as aggregates in concrete”  | Published in proc in the 10th Expert meeting on Solid Waste Management in Asia and south East Island to be held at Japan in Feb,2012. |
| 57 | Environmental and Social management plan for Construction Projects in higher education institutions of Pakistan”  | Accepted for oral presentation at International Conference on Sustainable Development 2012 , Montclair State University, New Jersey, USA Nov,2012. |
| 59 | Quantitative Analysis of delay factors and cost overrun of developmental projects in higher education sector of Pakistan”  | *Proceedings of the Third Conference on Construction in Developing Countries (ICCIDC-III)* Held at Millennium Hilton Hotel Bangkok Thailand July4-6,2012. |
| 60 | Seismic Vulnerabilities in Existing Reinforced Concrete Buildings of Developing Countries | *Proceedings of the Third Conference on Construction in Developing Countries (ICCIDC-III)* Held at Millennium Hilton Hotel Bangkok Thailand July4-6,2012. |
| **Sr. No.** | **Research Paper** | **Name of Journal & Vol. (No): pages/year** |
| 61 | Comparison of Braced and Un-braced Structures for Seismic Hazard Areas of Pakistan”  | *Proceedings of the Third Conference on Construction in Developing Countries (ICCIDC-III)* Held at Millennium Hilton Hotel Bangkok Thailand July4-6, 2012. |
| 62 | Reuse of construction wastes as aggregates in Concrete. A case study of Allama Iqbal Open University-Pakistan  | *Proceedings of Creative Construction Conference CC-2013 at Budapest Hungary July6-9,2013* |
| 63 | An Analysis of Time Delays and Cost Over-runs in Public Sector Development Programme (PSDP) Projects of Ministry of Industries in Pakistan. | International Conference on Safety, Construction Engineering and Project Management (ICSCEPM 2013)“Issues, Challenges and Opportunities in Developing Countries” August 19-21, Islamabad, Pakistan |
| 64 | An analysis of Seismic Provisions of Building Code of Pakistan  |  **5th** 5th World Engineering Congress (WEC 2013) 23-25 September 2013,NUST, Islamabad |
| 65 | An analysis of Seismic Provisions of Building  Code of Pakistan | 5th World Engineering Congress (WEC 2013) 23-25 September 2013, NUST, Islamabad |
| 66 | Analysis of Open and Distance Learning for Engineering Education in Pakistan  | 27th International Conference of Association of Asian Open University (AAOU) held at Allama Iqbal Open University Pakistan Oct1-3,2013 |
| 67 | Causes of Change Orders and Slippage of Schedule and cost Baselines in the Construction Projects in Pakistan | 7Th International Conference on Construction in Twenty First Century (CITC- VII) Millennium Hilton Hotel Bangkog Thailand Dec-19-21,2013 |
| 68 | The Implementation of Project Management Performance Assessment Model (PMPM) to construction projects | 7Th International Conference on Construction in Twenty First Century (CITC- VII) Millennium Hilton Hotel Bangkog Thailand Dec-19-21,2013 |
| 69 | Keynote Speech on “ Construction Industry of Pakistan-Opportunities and Threats –Way Forward” | International conference on ‘Safety, Construction Engineering and Project Management: Issues, Challenges and Opportunities in Developing Countries.’ August 20 to 21 ,2013 NUST  |
| 70 | Invited Talk on “ Role of Emerging Technologies in Disaster Management  | International Conference on Earth Sciences Pakistan ( EPS) held at Baragali Summer Campus arranged by National Centre of Excellence in Geology UoPesh. Aug 29-30,2014  |
| 71 | Evaluation and Performance Improvements in the Construction Techniques of Mud houses in Flood Affected areas of Swat | International Conference on Earth Sciences Pakistan ( EPS) held at Baragali Summer Campus arranged by National Centre of Excellence in Geology UoPesh. Aug 29-30,2014 |
| 72 | Study of Quality Management System in Construction Industry of Pakistan  | 2nd International Conference on Computational andSocial Sciences (ICCSS-14)(Rize, Turkey)- August 26-28, 2014 |
| 73 | Evaluation of Properties of Concrete produced with different types of Superplasticizers  | International Conference on Advances in Concrete Technology and Its Applications ( ACTA-2014) NUST Pakistan Sep 30,2014 |
| **Sr. No.** | **Research Paper** | **Name of Journal & Vol. (No): pages/year** |
| 74 | [Steel Piped Pile Foundation for Emergent Construction](http://www.cusit.edu.pk/icetems/Proceeding/Civil%20Engineering/Pk-CE-06.pdf) | Presented at the “ First International Conference on Emerging Trends in Engineering Management and Sciences ( ICETEMS-2014)” held at Pak China Centre Islamabad on Dec 29-30,2014  |
| 75 | [An Earthquake Risk Assessment Study of Khyber Pakhtunkhwa Province Pakistan](http://www.cusit.edu.pk/icetems/Proceeding/Civil%20Engineering/PK-CE-117.pdf) | Presented at the “ First International Conference on Emerging Trends in Engineering Management and Sciences ( ICETEMS-2014)” held at Pak China Centre Islamabad on Dec 29-30,2014 |
| 76 | [Role of Regional Campus Attock, Allama Iqbal Open University in imparting teacher education through BEd / MEd workshops: A Survey based investigation](http://www.cusit.edu.pk/icetems/Proceeding/Education/PK-ED-80.pdf) | Presented at the “ First International Conference on Emerging Trends in Engineering Management and Sciences ( ICETEMS-2014)” held at Pak China Centre Islamabad on Dec 29-30,2014 |
| 77 | [Exploring the Hydro Power Potential through Existing Water Supply Lines from Simly Dam to Islamabad City under Gravity Flow](http://www.cusit.edu.pk/icetems/Proceeding/Civil%20Engineering/PK-CE-133.pdf) | Presented at the “ First International Conference on Emerging Trends in Engineering Management and Sciences ( ICETEMS-2014)” held at Pak China Centre Islamabad on Dec 29-30,2014 |
| 78 | [Use of Silica Fume and Marble Dust as Partial Binding Material in Concrete](http://www.cusit.edu.pk/icetems/Proceeding/Civil%20Engineering/PK-CE-118.pdf) | Presented at the “ First International Conference on Emerging Trends in Engineering Management and Sciences ( ICETEMS-2014)” held at Pak China Centre Islamabad on Dec 29-30,2014 |
| 79 | [Experimental Investigation to determine the Influence of cyclic loading on the Compressive strength and Modulus of Elasticity of Brick masonry constructed in cement, sand and khaka mortar](http://www.cusit.edu.pk/icetems/Proceeding/Civil%20Engineering/PK-CE-05.pdf) | Presented at the “ First International Conference on Emerging Trends in Engineering Management and Sciences ( ICETEMS-2014)” held at Pak China Centre Islamabad on Dec 29-30,2014 |