



Curriculum Vitae

Prof. Dr. RAJA RIZWAN HUSSAIN (PhD in Civil Engineering)

• **SUMMARY OF ACHIEVEMENTS:**

Total Publications (242)
ISI Journal Papers (81)
International Conference Proceeding Peer Reviewed Papers (38)
Patents in International US, WO and KSA procured in USA, Switzerland & Saudi Arabia (14)
Books, editorials, preface, expos, invention shows, technical/scientific reports, monographs etc. (83)
R&D Government and Private Funded Research Project Grants (26) worth more than (12) Million USD.
Journal Editorial Board Positions (116)
Organization, Scientific & Tech. Committee Membership works for Conference, Seminars and Symposiums (97)
Societies, Organizations, Councils & Committees (34)
Courses / Subjects taught to Undergraduate, M.Sc. and Ph.D Students (13) in three different Universities and in (3) different Countries.
Medals, Awards, Prizes, Distinctions and Achievements (129)
Real Estate Investment Net Worth (5) Million USD approx.
Countries Visited (61)
More than (20) years of vast and versatile Field Experience working as Civil Engineer, Project Manager, Structural Design Engineer, Worked as Consultant, Site Supervision Engineer, Planning Engineer, Evaluator & Estimator, BOQs, Tender Documents, Director, Operations Manager, Sub-Divisional Officer SDO on more than (100) Construction Projects with more than (15) Organizations worth Millions of US Dollars.

• **PERSONAL INFORMATION:**

QUALIFICATION	PhD in Civil Engineering from University of Tokyo – Ranked among Top 20 in the World and Top 10 in Civil Engineering
AGE	39 YEARS
PHONE	+966-590011078
LANGUAGES	English, Urdu, Arabic, Japanese, Hindi, Punjabi, basic french
MAILING ADDRESS	Associate Professor, CoE-CRT, Civil Engineering Department, PO Box: 800, College of Engineering, King Saud University, 11421, Riyadh, Saudi Arabia.
E-MAIL ADDRESSES	raja386@hotmail.com
HOMEPAGE/WEBSITES	http://fac.ksu.edu.sa/rhussain
SOCIAL NETWORK	http://www.facebook.com/raja.rizwan.hussain
RESEARCH INTERESTS	Steel Reinforced Concrete Technology in Civil Engineering Materials & Structures, especially Corrosion.
DESIGNATIONS	Professor, Scientist, Academician, Designer, Consultant, Project Manager, Inventor Real Estate Investor, Developer & Distinguished Scholar.

• **Academic Information:**

Ph.D CIVIL ENGINEERING	Univeristy of Tokyo, Japan (2006-2008) (Obtained degree in a record short period of just two years from a university ranked among TOP 20 in the world and TOP 10 in Civil Engineering)
M.Sc. CONCRETE ENGINEERING	University of Tokyo, Japan (2004-2006) (Highest Rank Research Thesis Award, Medal and Prize from The University)
B.Sc. CIVIL ENGINEERING	University of Engineering & Technology (U.E.T), Lahore (1996-2000) (Remained in Top 5 university positions)
F.Sc. (Pre-Engineering)	Forman Christian College, Lahore (1993-1995) (Obtained 4 th position in college with 83% marks and A grade)
MATRICULATION (Science Group)	Model High School, Lahore (1988-1993) (Obtained 1 st position in school with 86% marks and A+ grade)

• **Medals, Awards, Prizes, Achievements & Distinctions:**

2021:

- Best Technical Paper Award, “Experimental Evaluation of Saudi Building Code (SBC 304) Provisions for the Corrosion Protection of Reinforced Concrete Structures - Effect of Temperature on Chloride Threshold Value” 2nd International Conference on Durability of Building and Infrastructures for Smart City, DuraBI 2021, Venue: Zoom Platform (Online), Technical Session 2: Materials-2, S2-7, 1075-B-DuraBI21-Hussain2, pp. 1073-1089, Oct. 15-17, 2021.
- Member SMC, management council set forth by the Saudi Ministry of Education, and appointed by the Ambassador of Pakistan at the Embassy in Riyadh, Saudi Arabia.
- Collaborating with the education advisor to the Ambassador at the Embassy of Pakistan for opening a research chair at King Saud University in the name of famous Nuclear Scientist Dr. Abdul Qadeer Khan and/or Quaid-e-Azam the founder Pakistan.
- Member Administrative sub-committee for smc, Pakistan International School English section (PISES), Riyadh, Saudi Arabia.
- Member Financial sub-committee for smc, Pakistan International School English section (PISES), Riyadh, Saudi Arabia.
- CEO, N.Z Heights – Builders, Developers & Real Estate Investors, Adjacent Eiffel Tower, Main Boulevard, Sector E, Bahria Town, Lahore, Pakistan.
- Head of Academic sub-committee for smc, Pakistan International School English section (PISES), Riyadh, Saudi Arabia.
- Invited Keynote Lecture, 1st International Conference on "Advanced Developments in Chemistry and Allied Sciences-2021 (ADCAS-21)" in online mode on 16-17th December 2021, India.

2020:

- Evaluation Committee Member, Capstone Student Final Year Graduation Design Project CE-496 and CE-497.
- Mauritius Research and Innovation Council (MRIC) Project Proposal Reviewer, “Investigating the use of PET Plastic as Reinforced Material in Concrete Blocks”, Cybercity, Republic of Mauritius.

2019:

- Best Student Project Award (Top Three) in the entire college of engineering from the teaching academic year 2019 - second semester for teaching course GE 105 – Introduction to Engineering Design to under graduate students of King Saud University.
- Consultant in the Project “Sustainability Eco-Point and Performance of Green Lightweight Concrete using Saudi Local Waste” 01/05/2017-30/04/2019, SR 319375. Deanship of Scientific Research (DSR), Project # 2017-212-Eng., Imam Abdulrahman Bin Faisal University (IAU), Dammam, Saudi Arabia.
- External Examiner / Assessor / Reviewer for the Project Final report, Imam Saud Bin Abdulaziz University, Riyadh, Saudi Arabia.

2018:

- Received award from the chairman of Korean Reserch Foundation (KRF) for my Keynote Speech at 1st International Conference on Durability of Building and Infrastructures, 10-12 January, DuraBI 2018, Miri, Sarawak, Malaysia.
- Signed Memorandum of Understanding (MOU) with Hanyang University, South Korea for student exchange program and collaboration in research and teaching.
- Distinguished Short Courses Instructor for students and faculty staff, Civil Engineering Department, Harbin Institute of Technology (HIT), Harbin, China, June 1-9, 2018.
- Invited with Complete Financial Support as “Keynote Speaker” at 1st International Conference on Durability of Building and Infrastructures, 10-12 January, DuraBI 2018, Miri, Sarawak, Malaysia.

2017:

- External Referee for Faculty Promotion Committe, XJT Liverpool University, China.
- Certification in Saudi Smart Cities under the Vision 2030 held from 16-18 May 2017, Riyadh, Saudi Arabia.
- Official Paid Reviewer for Books published by Elsevier.
- Included in Panel of Examiners for Ph.D Thesis Evaluation, Department of Civil Engineering, National Institute of Technology, Kurukshetra, India.
- External Supervisor, M.Sc. and Ph.D Research Thesis / Dissertations Examination, University of Malaya, Malaysia.
- Saudia Radio FM radio frequency: 97.0 Invited frequently for disucssions and my expert opinion in their programs “Open Hour”, “Saudi Nights” “Economy Report” etc. which went on air Live on 8th January, 12th February, 2nd April, 23rd April, 4th June from 8:00 pm to 9:00 pm and may other days as well.
- Invited Referee for Post Graduate Masters and Ph.D Admissions and Scholarships at Hong Kong University.

2016:

- Visiting Professor, Civil Engineering Department, Harbin Institute of Technology (HIT), Harbin, China.
- Developer and Incharge of Corrosion Lab., CoE-CRT, College of Enginerig, King Saud University, KSA.
- International Collaborator, Enhancement of concrete properties made from local waste materials using Nano particles. 27/08/2015-27/08/2016, Geran Penyelidikan Universiti Malaya (UMRG), RG 037A-15AET. Kuala Lumpur, Malaysia.
- Expert Advisor to Publisher for Civil Engineering books portfolio at Elsevier, especially in the area of Corrosion in Concrete Structures.
- Ph.D Examiner, National Institute of Technology, Kurukshetra, India.
- Consistently most downloaded researcher in Civil Engineering Deptt., ReserchGate, USA.

- Continuing as External Examiner, M.Sc. and Ph.D dissertations, University of Malaya, Malaysia.
- Invited Interview by ACI (American Concrete Institute) with MCI group for my expert advice and input in concrete technology for the American Concrete Institute on 21st February, 2016 1:30-2:00 pm KSA time.
- Saudia Radio FM radio frequency: 97.0 Invited frequently for discussions and my expert opinion in their programs “Open Hour”, “Economy Report”, “Lets Connect” etc. which went on air Live on 2nd October, 2016 from 8:00 pm to 9:00 pm and may other times as well.
- Invited Expert, Remote Referee & Evaluator for European Research Council Proposal “Enhanced Durability Predictions of Reinforced Concrete Exposed to Corrosive Environments” Recommended by ‘Products & Processes Engineering’ Panel (PE8), *ERCEA.B.4* - Physical Sciences and Engineering, Brussels.

2015:

- Recommended Expert & Assessor by Elsevier Editorial Team for Currency Timestamping of Articles related to Corrosion.
- Most downloaded researcher in Civil Engineering Deptt., ReserchGate, USA.
- Invited Judge for the Young Researcher Best Paper Competition, CC2015, Saxe-Coburg Publications - Civil-Comp Ltd.
- Book Series Editor at Bentham Science Publishers.
- Invited by Radio-Riyadh, FM radio frequency: 97.0, for a discussion and my expert opinion in their program which went on air Live on 11th January from 8:00-09:00 pm.
- Re-Included in Marquis Who’s Who in the World, USA.
- Member board for International Journal of Geomate, Japan, ISI.
- Quality Certificaitons in mystery shopping for ISC, McDonald’s, Sony & Swarovski Crystals by International Service Check, AG, Germany.

2014:

- Winner of Al Kasabi Award for Best Research Project of the year in the whole Kingdom of Saudi Arabia and 50,000SR (USD 13,500 approx.) cash prize.
- Nominated for Vice President of Saudi Section ASCE (American Society of Civil Engineers), USA.
- External Examiner, M.Sc. and Ph.D dissertations, University of Malaya, Malaysia.
- Invited to write an Editorial for Journal of Advanced Chemical Engineering, JCEE, OMICS, USA.
- Invited frequently by Radio-Riyadh, FM radio frequency: 97.0, for a discussion and my expert opinion in their programs which went on air Live on 13th July, 2014 from 10:30-11:30 pm, and on 14th Sep., 21st Sep., 19th Oct. and 23rd Nov., 2014 from 8:00 pm to 9:00 pm.
- Invited as Consultant for the International Project "Sustainable Rural Development in the Refugee-Affected and Hosting Areas of Pakistan" programme (RAHA) (Contract n°260022)", SSIL, FWC Beneficiaries 2013, Lot 12 (Humanitarian Aid, Crisis Management and Post-Crisis assistance) EuropeAid/132633/C/SER.
- Invited for a personal interview by Radio Riyadh (FM radio frequency: 97.0) regarding my life, background, education, experiences, exceptional achievements etc. under the program “lets connect”.
- Invited editor for ebook series volumes, Bentham Science Book Publishers.
- Invited Editorials for Journal of Civil & Environmental Engineering, JCEE, OMICS, USA.

- Hands on experience on a huge number of laboratory equipments used in civil engineering laboratory including daily use instruments as well as state of the art equipment such as GECOR, GAMRY, EIS, Potentiostat, Galvanostat, AC/DC Corrosion techniques, SEM, XRD, XRF, Raman, Half-Cell, Corrosion Current and Potential, Concrete Resistivity meter, multi purpose data loggers etc.

2013:

- Received Gold Medal at the 41st International Exhibition of Inventions, Geneva, Switzerland which is one of the largest invention shows in the world.
- 3rd position in all the 17 research chairs, 3 research centers and 2 research institutes, totalling 22 research bodies of the college of engineering, KSU. (personal communication)
- Invited and Interviewed regarding my achievements and successes by John Wiley and Sons, Inc., England in the Take Note and Promote Series published online on 08th July.
- Invited and Judged the young researcher best paper competition on Civil, Structural and Environmental Engineering Computing, CC2013, Civil-Comp Limited, U.K.
- Invited and Interviewed again by Wiley publishers, England which was published online on 24th July regarding me being a successful young research scientist in the construction industry, my editorial board and publication experiences, my passion for traveling, my jobs/positions held over the years, including both private and public sector positions etc. Web link: <http://writeforwiley.com/2013/07/24/interview-dr-raja-rizwan-hussain/>
- Re-Included in Marquis Who's Who in the World, USA.
- Invited Editor for Research SignPost, book publishers inc., India.
- Invited to write an Editorial for Journal of Civil & Environmental Engineering, JCEE, OMICS, USA.
- Editor, Athens Institute for Education and Research, ATINER, Athens, Greece.
- Invited by Radio-Riyadh, FM radio frequency: 97.0, for a discussion on the topic "infrastructure development and economic growth" which went on air Live on 22nd December from 08:00-09:00 pm.
- Invited as Foreign Collaborator for the Research Project, Developing High Performance Lightweight Concrete using nano and Local Waste of Malaysia" at the University of Malaya, Malaysia.

2012:

- Official reviewer of XJT Liverpool University for their research grants and proposals.
- Invited by Radio-Riyadh, fm radio frequency: 97.0, for a discussion and my expert opinion on the topic of "recent technology & scientific developments in the world" which went on air Live on 17th December from 08:30-09:30 pm and again in the repeat telecast of recording next day morning 08:30-09:30 am.
- Invited External Examiner for PhD Thesis Dissertation by the University of Auckland.
- Invited by Riyadh Radio (FM radio frequency: 97.0) for a talk show and my expert opinion on "research and research centres" which went on air Live on 1st October from 08:30-09:30 pm and again in the repeat telecast of recording next day morning 08:30-09:30 am.
- Invited for a personal interview by Radio Riyadh (FM radio frequency: 97.0) regarding my life, education, achievements etc. which went on air Live on 15th October from 08:30-09:30 pm in the night and repeat telecast of my interview recording on 16th October from 08:30-09:30 am in the morning .
- Included in Education and Development Committee of WPEP, Canada.
- Sir Issac Newton Scientific Award by American Biographical Institute, Inc. USA.
- Nominated for Great Minds of the 21st Century by American Biographical Institute (ABI), Inc.

- 2nd position in all the 22 research bodies (17 research chairs, 3 research centers and 2 research institutes) of the college of engineering, KSU. (personal e-mail electronic communication)
- Received letter of appreciation in acknowledgement of my achievements from the Dean of the College of Engineering at King Saud University.
- Received Silver Medal for computation of dispersed individual activation energies and development of activation energy model in 11th MTE Invention and Innovation Awards at Kuala Lumpur, Malaysia.
- Re-Included in Marquis Who's Who Publications 2012 edition, USA.
- Received Silver Medal for technique of preventing macro-cell corrosion in the simulated reinforced concrete patch at 11th MTE Invention and Innovation Awards at Kuala Lumpur, Malaysia.
- Distinguished Research and Publication Quality Award in the consecutive four years of service (2009, 2010, 2011 & 2012) from DSR, King Saud University, KSA.

2011:

- Excellent research award for the year 2010-2011 with 1st position in the entire college of engineering, KSU including electrical, civil, mechanical, chemical, petroleum and gas, industrial engineering departments as well as all the research centers, institutes and research chairs.
- Included in Top 100 Engineers for the year 2011 by IBC, England.
- Received 21st Century Award for Achievement.
- Nominated as International Educator of the Year.
- Included in Top 200 Intellectuals of the Century by IBC, U.K.
- Appointed as Project Co-ordinator for the Center of Excellence for Concrete Research & Testing.
- 2010-2011: Included in Who's Who in the World 2010 & 2011 edition, USA.
- 2009: Best journal paper award for the last four years (2005-2009) from SSMS, Tokyo, Japan.
- 2008: Open offer of appointment from Higher Education Commission (H.E.C) NUST Branch, Govt. of Pakistan for appointment as Asst. Professor with BPS-19 special pay scale.
- 2006-2008: Appeared in several T.V programs (interviews, talk shows, live performances, reality TV, cultural shows, events, trainings etc.) broadcasted on NHK T.V National Channel of Tokyo, BS2 and BS hi Vision TV channels in Japan under the series name of Cool Japan.
- 2006-2008: Obtained PhD degree in a record short time period of just two years from the University of Tokyo.
- 2007: USIRS Award from the University of Sydney international research scholarship, Australia.
- 2006: Extended the ADB scholarship award from Mater course to PhD course which is very rare and highly competitive as ADB scholarship is primarily meant for Master course only.
- 2006: Obtained Medal and Prize for outstanding best research thesis in Master course from the University of Tokyo.
- 2004-2006: Passed all the course work of Master Degree from The University of Tokyo with all 'A' grades throughout the studies and obtained certification for the same.
- 2004: ADB (Asian Development Bank)-University of Tokyo scholarship award for Masters, 2004-2006.
- 2004: Received AIT (Asian Institute of Technology) Bangkok, M.Sc./Ph.D Fellowship.
- 2004: Successfully completed public service commission and became Asst. Director / SDO (Sub divisional Officer) in Ministry of C&W Department, Government of Pakistan (Communication and works Department) Buildings and Roads Division.
- 2002-2004: Got promoted to asst. Professor at University of Engineering and Technology (U.E.T), Lahore (best engineering university of Pakistan) within less than 1.5 years of total experience which is a record.
- 2002: Received invitation letter from the chairman, Civil Engineering Department, University of Engineering & Technology (U.E.T), Lahore to join the department as a lecturer.

- 2000-2002: Successfully designed and executed several RC high rise building projects in competition to much more senior and reputed structural designers and finally developed a national fame in the country (Received several experience certificates and letters of appreciation for the same).
- 1993-2001: Marshall Arts expert and former member of Shotokan Judo & Karate Centre, Lahore, Pakistan.
- 1999-2000: Participated in survey camp from Govt. Of Pakistan-U.E.T collaboration & obtained certificate of excellent performance.
- 1996-2000: Remained in top five university positions & obtained certification for the same.
- 1983-1995: Always remained on 1st position in every class until high school/college and obtained certification for the same.

• **Journal Editorial Board Positions:**

2021:

- EBM, Structural Engineering and Mechanics, ISI Impact Factor 3.524
- EBM, The structural design of tall and special buildings, Wiley, England, ISI Impact Factor: 2.344.
- Guest Editor, Applied Sciences, ISSN 2076-3417, Web of Science JCR ISI Impact Factor IF: 2.679, Q2.
- Editorial Board of International Journal of Civil Engineering and Technology (IJCIET), ISSN Print: 0976-6308, ISSN Online: 0976-6316, Impact Factor IF: 6.5
- Editorial Panel, SVOA Materials Science & Technology. London, U.K.
- Guest Editor, Advances in Materials Science and Engineering, WoS JCR ISI Impact Factor 1.63, Q2.
- Guest Editor, Advances in Civil Engineering, Web of Science JCR ISI Impact Factor, 1.21, Q2.
- Editor, Cogent Engineering Journal, Taylor & Francis, UK.
- Editorial Advisory Panel Member, Structures and Buildings Journal, ICE Publishers, UK, ISI Impact Factor: 0.494

2020: Editorial Board Member by Invitation, Results in Engineering, Elsevier.

2019: Section Editor, Innovations in Corrosion and Materials Science, Bentham Science.

2018:

- Editorial Board Member, Journal of Civil Engineering and Construction Technology (JCECT).
- International Representative for Middle East Region, International Journal of Geomate, Japan, ISI.

2017:

- Assessor, Structures and Buildings Journal, ICE Publishers, UK, ISI Impact Factor: 0.494
- Editor, Journal of Civil & Environmental Engineering, OMICS, USA.
- EBM, International Journal of Constructive Research in Civil Engineering (IJCRCE), ARC Publications.
- Editor, International Journal of Metallurgy and Metal Physics, 1805 N Carson Street, Suite S, Carson City, NV 89701, USA.

- Member Advisory/Editorial Board, International Journal of Scientific Research in Science, Engineering.
- Editor, Journal of Global Warming, Scientific Federation, CrossRef, SciFed.
- EBM, Modern Civil & Structural Engineering (MCSE), Isaac Scientific Publishing, Hong Kong.

2016:

- Editor in Chief, Journal of Buildings Research, Pak Publishing Group, Singapore.
- Editor-in-Chief, Journal Acta Ingenieria Civil, Lawrence Press LLP, Delhi, India.
- Associate Editor, International Journal of Computational and Experimental Methods in Engineering (IJCEME)", Alberta, Canada.
- Editorial Panel Member, Structures and Buildings Journal, ICE Publishers, UK, ISI Impact Factor: 0.494.
- Editorial Board Member, Innovative Infrastructure Solutions (IIS), Springer.
- Associate Editor, Journal of Construction and Building Material.
- Editorial Board Member, Engineering, Scientific Research Publishing (SCRIP), USA.
- Associate Editor, Computations and Materials in Civil Engineering (CMCE)), Alberta, Canada.
- Editorial Board Member, JESTCH, Engineering Science and Technology, an International Journal, Elsevier.
- Advisory Board Member, International Journal of Research on Engineering Structures & Materials (RESM), Turkey.

2015:

- Member EB, Jacob Journal of Civil Engineering, Austin, Texas, USA.
- Editorial Board Member for Journal of Advanced Electrochemistry, ISSN: 2455-0205.
- Invited Member Editorial Board for International Journal of Computational and Experimental Methods in Engineering (IJCEME), Canada.
- Editorial Board Member, International Journal of Metallurgy and Metal Physics, Carson City, NV 89701, USA.
- Online Manuscript Managing & Assigning Editor, Cogent Engineering Journal, UK, ISI.
- Editorial Board Member, International Journal of Inventions in Engineering & Science Technology, e-ISSN: 2454-9584, p-ISSN: 2454-8111.
- Invited Editorial Board Member, Journal of Steel Structure & Construction (JSSC), OMICS, USA.
- Handling Editor, Frontiers in Materials Journal, Switzerland.
- Guest Editor, Special Issue "Corrosion of Steel in Concrete Structures", Journal of Civil and Environmental Engineering, USA.
- Board of Editor's Member, International Journal of Advances in Engineering Research, IRA Publications, India, e-ISSN - 2231-5152, p-ISSN - 2454-1796.
- Editorial Board Member, SSRG International Journal of Civil Engineering, Seventh Sense Research Group.
- Member Editorial Board for International Journal of Innovations in Scientific Engineering, e-ISSN: 2454-6402, p-ISSN: 2454-812X.
- Editorial Board Member, Journal of Civil Engineering and Architecture Research, ISSN: 2333-911X (Print); ISSN: 2333-9128 (Online), 1902 Merced Ave, South El Monte, CA 91733, USA.

- Member of Editorial Board, International Journal of Innovations in Applied Science & Engineering, IRA Publications, India, e-ISSN: 2454-9258, p-ISSN: 2454-809X.
- Editorial Board Member, Construction Engineering (CE) Journal, ISSN Online: 2329-3373, ISSN Print: 2329-3365, 6815 E Manor Drive, Terre Haute, IN 47802, USA.
- Editorial Board Team Member, Internaitonal Journal of Universal Science and Engineering, e-ISSN: 2454-759X, p-ISSN:2454-7581, India.
- Editor, Corrosion & Engineering Journals section, OMICS Publishing Group, USA.
- Member Editorial Board for International Journal of Research in Science and Technology, e-ISSN: 2249-0604, p-ISSN:2454-180X.
- Editorial Manager Reviewer, Environment, Development and Sustainability, Springer.

2014:

- Editor, Cogent Engineering Journal, UK, ISI.
- Editorial Board Member, Corrosion Engineering section, Journal of Advanced Chemical Engineering, OMICS Publishing Group, USA.
- Editorial Board Member, Journal of Materials Science and Chemical Engineering, Scientific Reserch Publishing Inc., USA.
- Co-Editor for a publication volume on Architectural Construction Materials & Building Technologies, ATINER, Athense, Greece.
- Manuscript Assessing Editor & Member of Editorial Advisory Panel, Construction Materials Journal, Institue of Civil Engineers (ICE), U.K.
- Board Member, Journal of Civil Engineering and Science (JCES), The World Academic Publishing Co., LTD.
- Journal of Control Science and Engineering, NY, USA.
- Associate Editor, Basic Research Journal of Engineering Innovation (BRJENG).
- Honorary Editorial Advisory Board Member, Scientia Research Library, USA.
- Editor, Journal of Physical Science and Engineering, Puncil Academic Press Publishers.
- Editorial Board Member, Current Advances in Civil Engineering CACE, American V-King Scientific Publishing, New York, USA.
- Member of EIC for Innovations in Corrosion and Materials Science Journal, Bentham Science Publishers.
- Editorial Member, Global Scholastic Research Journal, Asian Academic Research Associates, India.
- Editorial Board Member, IRJPEH, Journal Issues Publishers.
- Board Member, Global Educational Research Journal.
- Editorial Board Member, Zeal Scienza, Secunderabad, India.

2013:

- Editor-in-Chief, American Journal of Engineering and Construction Technology, USA.
- Member of Editorial Board, Computers and Concrete, An International Journal (CAC), Techno Press, ISI Impact Factor: 1.015.
- Editorial Board Member for Structural Engineering and Mechanics, An International Journal (SEM), Korea, ISI Impact Factor: 0.863.
- Editorial Board, Scientific Research and Impact (SRI), ISSN 2315-5396, Science Park Services Inc.

- Editorial Manager, online submission and peer review tracking system for Journal of Civil & Environmental Engineering, JCEE, OMICS, USA.
- Member of Editorial Board, Journal of Civil Engineering and Architecture, USA (ISSN: 1934-7359)
- Editor-in-Chief, Frontiers in Geoscience (FG), American V-King Scientific Publishing, LTD, NY, USA.
- Co-Editor, GSTF Journal of Engineering Technology (JET) Forum, Singapore.
- Editorial Board, International Journal of Interdisciplinary Current Researches, India.
- Member of Editorial Board for Applied Scientific Letters, Herbert Publications, U.K.
- Member of Editorial Board, Petrotex Publication Group, USA.
- Editor, ISSJ publishing house, safety science.
- Editorial Board Member for Advances in Concrete Construction (ACC), An International Journal, Korea, ISSN:2287-5301(Print) ISSN:2287-531X(Online), ISI Indexed.
- Member of Editorial Board, Journal of Scientific Research and Reviews (JSRR), ISSN 2277 0690.
- Editorial Board, AOCSR Research Journal of Chemical Sciences, India.
- Editorial Board Member, Journal of Educational Research, Wudpecker Publishers.
- Editor-in-Chief, Advances in Geological and Geophysical Engineering Journal, AGGE, USA.
- Editor, News in Engineering (NiE), Civil Engineering section, sci-pub, Thomson Ltd., Slovakia.
- Member Editorial Board for Research Journal in Chemical Sciences.
- Editorial Board Member, Advancement and Development in Mathematical Sciences.
- Member of Editorial Board, Advancements and Developments in Applied Mathematics.
- Editor, Journal of Advances in Chemistry, Impact Factor 0.71.

2012:

- Editor Member of Current Advances in Civil Engineering, USA.
- Editorial Board Member for International Journal of Nano Science and Technology, USA.
- Associate Editor for the African Journal of Engineering Research (AJER).
- Invited Editorial Board Member of International Journal of Engineering and Technology Research (IJEATR), New York, USA.
- Editorial Board Member by appointment for Internatioanl Journal of Engineering & Technology, Germany.
- International Editor of IJAS Journal, USA.
- Invited to be Editor-in-Chief of IJRS Journal, ISI Impact Factor: 1.17, Taylor & Francis, U.K.
- Editorial board member of Open Journal of Civil Engineering, USA.
- Editorial Board member of Open Journal of Earthquake Engineering, SCIRP, USA.
- Guest Editor for Applied Mathematics Journal, USA Special Issue on “Numerical Analysis”
- Member of Editorial Board, Recent Patents on Engineering, USA.
- Editorial Board member of Engineering, Technology & Applied Science Research Journal (ETASR), Greece, Scientific Journal Impact factor 3.447.
- Editorial board member for Recent Patents on Corrosion Science.
- Member Editorial board of Engineering and Technology, Inventi Journals.

2011:

- International Editor for The structural design of tall and special buildings, Wiley, England, ISI Impact Factor: 1.041
- Editorial board member of Journal of Materials Science Research, Canada.
- Official evaluator for Mehran University of Engineering and Technology Research Journal.

• **Countries Visited:**

I have been to 62 Countries and hundreds of major cities around the World: CANADA (Toronto, Montreal, Niagra, Missisaga and British Columbia), USA (New York, Texas; Houston, Dallas, Chicago, L.A, Atlanta and Washington), UAE (Dubai, Abu Dhabi and Sharjah), AUSTRALIA (Sydney, Melbourne, New Castle, Coffs Harbor, and many other cities), MOLDOVA, FRANCE (Paris, Tours, Strasbourg, Alsace, Colmar, Gillard, Ammenesse), LUXEMBOURG, CHINA (Beijing, Shenzhen, Yi-chang, Guangzhou and Harbin), SAN MARINO, JAPAN (Tokyo, Yokohama, Kyoto, Nagano, Osaka and several other cities), SERBIA, SAUDI ARABIA (Makkah, Medina, Jeddah, Riyadh, Dammam, kharj, Taif, Abha, Jazan and many other cities), , BAHRAIN (Manama and surrounding all cities), SINGAPORE (SG, Capital City), SIRILANKA (Colombo), U.K (London and several surrounding cities), BOSNIA & HERZEGOVINA, PAKISTAN (almost every city), GREECE (Athens, Hydra, Poros), ITALY (Bari), MALTA, GERMANY (Frankfurt, Stuttgart, Freiburg, Gottenheim, Munich, Black Forest), CZECH REPUBLIC (Plzen), BELGIUM (Liege), OMAN (Muscat) AUSTRIA (Salzburg), NORWAY, BULGARIA (Sofia), DENMARK (Tonder), HUNGARY (Gyor), LUXEMBURG (main city), NETHERLANDS (Heerlen), THAILAND (Bangkok), POLAND (Kostrzyn), SPAIN (Elizondo), PORTUGAL, CROATIA, EGYPT (Cairo, Luxor, Sharm-el-Naga and Hurghada Somabay), CYPRUS, TURKEY (Istanbul), ESTONIA, FINLAND, KUWAIT (Almost everywhere), IRELAND, LATVIA, LITHUANIA, QATAR (Doha), ALBANIA, ROMANIA, SLOVAKIA, MALAYSIA (Kuala Lumpur, Silangore, Sarawak, Miri, Islands and suburbs), BRUNEI, SLOVENIA, UKRAINE, SWEDEN, SWITZERLAND (Basel, Zurich, Geneva), SOUTH KOREA (Seoul, Jeonju, Jeonbuk) and RUSSIA (Moscow).

• **International Conference Scientific & Organizing Committees, Chairs, Keynotes etc.**

2021:

- Chair Session for Keynote Speaker at 2nd International Conference on Durability of Building and Infrastructures for Smart City, DuraBI 2021, Venue: Zoom Platform (Online), Oct. 15-17, 2021.
- International Scientific Committee Member, 2nd International Conference on Durability of Building and Infrastructures for Smart City, DuraBI 2021, Venue: Zoom Platform (Online), Oct. 15-17, 2021.

2020:

- Scientific Committee Member, Materials Today: Porceedings, Elsevier.
- Member, Building Materials and Construction Technologies BCMT, 20-22 April, 2020, Dubai, UAE.
- Committee Member in the European Advanced Materials Congress, M/S Mariella, Viking Line during 26 - 28 August 2020, Stockholm, Sweden.
- Committee Member, World Congress on Infrastructure and Construction (WCIC-2020), May 28-29, 2020, Brussels, Belgium.

2018:

- Invited with Complete Financial Support as “Distinguished Keynote Speaker” at 1st International Conference on Durability of Building and Infrastructures, 10-12 January, DuraBI 2018, Miri, Sarawak, Malaysia.
- Technical Advisory Committee Member, International conference entitled "Sustainable Construction and Building Materials", from 18th to 22nd June 2018, Karnataka, Mangalore, India.

- Organizing Committee Member, Global Summit On Geological and Environmental Engineering, Madrid, Spain September 27-28, 2018.
- OC Member, Emerging Materials Congress 2018, 16th International Conference on Emerging Materials and Nanotechnology, March 22-13, 2018, London, UK.
- Session Chair, TS-1, Durability-1, International Conference on Durability of Building and Infrastructures, 10-12 January, Malaysia.
- Organizing Committee Member, Earth & Geo Science -2018, August 13-14, Amsterdam, Netherlands.

2017:

- Organizing Committee Member, World Congress on Nano Science and Nano Technology, October 16-17, 2017 in Dubai, UAE under the theme *Recent developments in Nano Science and Nano Technology*. Asia Pacific Nano Congress 2017.
- Member of the technical advisory panel of International Conference on Light Weight Materials & Engineering Structure – LIMAS 2017, London, UK during 12 – 14 November 2017.
- OCM member of the 8th International Conference and Exhibition on Materials Science and Engineering (MatScience 2017) May 29-31, 2017 at Osaka, Japan.
- Organizing Committee Member by Invitation, 5th International Conference on Sustainable Bioplastics, 20-21 July, 2017, Munich, Germany.

2016:

- Guest Editor and Organizing Committee Member for Mini Symposia “Corrosion of Steel Reinforced Concrete Structures – Experimentation and Modeling”, The 2016 World Congress on Advances in Civil, Environmental, and Materials Research (ACEM16) and The 2016 Structures Congress (Structures16), Jeju island, Korea, August 28 ~ September 1, 2016.
- Program committee member of "Third International Conference on Civil Engineering and Urban Planning (CEU-2017)", April 29-30, 2017, Dubai, UAE.
- Organizing Committee Member, 5th Materials Congress, June 13-15, 2016, Alicante, Spain.
- Invited Advisory Committee Member, Collaborative Conference on Earthquake Science and Engineering (CCESE 2016), September 4-8, 2016 in Budapest, Hungary.
- Technical Program Committee Member, Spring World Congress of Engineering and Technology (SCET), April 18-20, 2017, Chengdu, China.
- Organizing Committee Member, 8th World Congress on Materials Science and Engineering, 12-14 June, 2017, Rome, Italy.

2015:

- Program Committee Member, in 4th Annual Conference on Architecture and Civil Engineering, ACE-CFP 2016, April 13-14, Singapore.
- Session Organizer, 2nd International Conference on Infrastructure Management, Assessment and Rehabilitation Techniques (ICIMART'16), American University of Sharjah, United Arab Emirates, from March 8 – 10, 2016.
- Scientific Committee Member for ICCS16, Second International Conference on Concrete Sustainability, 13-15 June 2016, Madrid, Spain.
- Organizing Committee Member, Steel Structures-2015 Dubai Congress, 16-28, Nov. 2015, OMICS Group Inc. USA.
- Scientific Committee Member, Corrosion and Surface Treatment (CSTI2015), Tatra, Slovakia, Europe, 30th Sept – 2nd Oct, 2015.

- International advisory committee member and representative of Arab countries, GEOMATE2015, Osaka Nov.16-18 2015, Japan.
- SAB Member, 2nd Annual World Congress of Smart Materials-2016 (WCSM-2016) from March 4-6, 2016 in Singapore.
- Organizing and Scientific Committee Member of the 5th Annual International Conference on Civil Engineering, Structural Engineering and Mechanics, 25-28 May 2015, Athens, Greece (<http://www.atiner.gr/2015/ORG-CIV.htm>).
- Scientific Committee Member for REHABEND 2016 Euro American Congress in Burgos, Spain from May 24-27, 2016.
- Advisory Committee Member, Collaborative Conference on Earthquake Science and Engineering (CCESE) from September 15 to 18, 2015 at Chengdu, Sichuan Province, China.
- Organizing and Scientific Committee Member of the 2nd Annual International Conference on Technology & Engineering, 22-25 June 2015, Athens, Greece (<http://www.atiner.gr/2015/ORG-TEN.htm>).
- Invited Board Member, The Fifteenth International Conference on Civil, Structural and Environmental Engineering Computing: Civil-Comp 2015 (CC2015) Prague, Czech Republic from 1-4 September 2015.
- Invited Technical Committee Member, 4th International Conference on Engineering and Innovative Materials, Penang, Malaysia 3-4 September, 2015.
- Scientific Committee Member, ICCS16 International Conference on Concrete Sustainability, Madrid 13-15 June 2016.

2014:

- Scientific Committee Member, International Conference on Regeneration and Conservation of Concrete Structures (RCCS), 1-3 June 2015, Nagasaki, Japan.
- Organizing Committee Member, World Congress and Exhibition on Construction and Steel Structure (Steel Structure-2015) Dubai, UAE from November 05-07, 2015, focused on the theme “Exploring Advances in Construction and Steel Structure”.
- Technical Committee member, International Conference on multi-span large bridges, July 1-3, 2015, Porto, sponsored by IABSE, fib and IABMAS.
- Invited Symposium Organizer at 25th Annual International Conference on Computational & Experimental Engineering & Sciences, ICCES'15, 20-24 July 2015, in Reno, Nevada, USA.
- Member of Program Committee in 3rd Annual Conference on Architecture and Civil Engineering, ACE-CFP 2015, April 13-14, Singapore.
- Technical Program Committee (TPC) member of CCES2014, Conference of Civil Engineering & Safety, Sep. 12-14, Wuhan, China.
- International Technical Committee Member, International Seminar on “Developments in Cement Based Composites”, NICE-National University of Science and Technology (NUST), Islamabad, Pakistan, September, 2014.
- Committee Member, 3rd International Conference on Engineering and Innovative Materials (ICEIM 2014), 4-5 September, Kuala Lumpur, Malaysia.
- Scientific Committee Member, 2nd International Congress on Materials and Renewable Energy MRE 2014, 8-10 August, Hong Kong.

- Technical Program Committee (TPC) member, International Conference on Advance Materials Research & Application AMRA, 12-14 December, Sanya, china, 2014.
- Committee Member, 4th International conference on geotechnique, Construction Materials and environment, GEOMATE2014, 19-21st Nov., Brisbane, Australia.
- Technical Program Committee (TPC) member, Conference on Civil Engineering and Safety (CCES2014), September 12-14, Wuhan, China.
- Member of Scientific Committee, 3rd International Conference on Service Life Design for Infrastructure (SLD' 14), 15-17 October 2014, Zhuhai, china.
- Invited Session Chair, The Twenty-second Annual International Conference on Composites and Nano Engineering (ICCE-22), July 13-19, 2014, Malta.
- Member of Scientific Committee for Conference ARSA 201, from December 1 – 5.
- Member Scientific Committee, The 2nd International Conference on Energy and the Future of Heat Treatment and Surface Engineering (EFHTSE), 11-13 October 2014, Beijing.
- Member of Program Committee in 2nd Annual Conference on Architecture and Civil Engineering, ACE2014, April 13-14, Singapore.

2013:

- Session Chair for the session in Corrosion Research at International Conference on Concrete Sustainability (ICCS13), 27-29 May, 2013, Tokyo. Japan.
- Invited member of the Scientific Committee of International Scientific Corrosion Conference CORROSION 2014, to be held in Gliwice, Poland, from 18 to 21 November, 2014.
- Invited Technical Committee, ICEES 2014, 4th International Conference on Energy and Environmental Science (<http://www.icees.org>) Kuala, Lumpur, Malaysia, September 4-5, 2014.
- Scientific Committee Member, Mechanics of Composites, 8-12 June 2014 at Stony Brook University, New York, USA.
- Member Technical Committee, and co-chair for the student session, 15th Middle East Conference on Corrosion and Exhibition, 2014, Manama, Bahrain.
- Member of Technical Program Committee, Conference on Civil Engineering and Safety (CCES 2013), September 20-22, 2013 in Beijing, China.
- Advisory Board Member, International Science and Technology Conference (ISTEC) supported by Sakarya University, SUNY Korea and TASET, July 18-20, 2013 at Songdo-Dong, Korea.
- Technical Committee Member, 2nd International Conference on Engineering and Innovative Materials, ICEIM 2013, IACSIT, China.
- Conference Chair, International Forum on Advances in Engineering (IFAE 2013), March 22-23, 2013, New Delhi, India.
- Invited Technical Program Committee Member of the 2013 International Conference on Kinematics, Mechanics of Rigid Bodies and Materials (KINEMATICS 2013), Arya Duta Hotel, Jakarta, Indonesia, 2 – 4, November 2013.
- Scientific Committee Member, 1st International Virtual Conference on Advanced Scientific Results (SCIECONF), June 10 - 14, 2013.
- Invited as Symposium Organizer in the International Conference of Numerical Analysis and Applied Mathematics (ICNAAM 2013), in Rhodes, Greece from 21-27 September, 2013.

- Member Organizing Committee, International Conference on Computational and Theoretical Nanoscience, ICCTN2013, March 1-3, Hong Kong.
- Scientific Committee Member of the International Conference on Computational Technologies in Concrete Structures (CTCS13), 8-12 September 2013, Intl. Convention Center, Jeju, Korea.
- Program Chair for International Conference on Manufacturing, Optimization, Industrial and Material Engineering (MOIME 2013), 09 - 10 March, Bandung, Indonesia.
- Scientific Committee Member for INTE2013, 25-27 June, Rome, Italy. (ISSN:2146-7358)

2012:

- Session Chair in IJAS Conference held in Gottenheim, Germany from 02-07 December 2012.
- Technical Program Co-Chair, ISTIE 2013, 10 - 11 May, Bogor, Indonesia.
- Member Scientific Committee & Invited Plenary Speaker, International Congress on Materials & Structural Stability CMSS2013, 27-30 November in Rabat, Morocco.
- Member of Program Committee in 1st Annual Conference on Architecture and Civil Engineering, ACE2013, March 18-19, Singapore.
- Scientific Committee member of GV-CONF 2013 Slovakia, April 8 - 12.
- Invited as Keynote Speaker for a talk on International Conference on Advanced Nano Composite for Construction Materials (ICNC – 2013) March 12-14, India.
- Member of Scientific Committee for Conference ARSA 2012 held from December 3 – 7.
- Invited Editorial Board Member of Fourteenth International Conference on Civil, Structural and Environmental Engineering Computing (CC2013) in Sardinia, Italy from 3-6 September.
- Program Chair for Scietech 2013 in Jakarta, Indonesia from 24 - 25 January, indexing in EI Compdex, SCOPUS, Conference Proceedings Citation Index – Science (CPCI-S) (Thomson Reuters, Web of Science).
- Member of International Scientific Committee for Fifth North American Conference on the Design and Use of Self-Consolidating Concrete (SCC2013), May 12-15, Chicago, USA.
- Member of Technical Committee for International Conference “Advanced Concrete Technology and Applications” (ACTA 2012)-NICE NUST, 6-7 November, Islamabad, Pakistan.

2011:

- Member of Organizing Team & Scientific Review Committee for ISG-ISARC Conference, June 26-29, 2012, Netherlands.

• **Society, Organization, Council & Committee Memberships:**

2021:

Member Evaluation/Review Committee for Capstone Student Final Semester Graduation Design Project CE-497.

Invited member, AAAS, American Association for the Advancement of Science, USA.

2020:

Member Evaluation/Review Committee for Capstone Student Final Year Design Project CE-496.

- 2017:
 Editorial Member, OMICS, Accelerating Scientific Discovery, Civil & Environmental Engineering, USA.
 Member of Gulf Engineering Association (GEA).
- 2016: IABSE, International Association of Bridge and Structural Engineering (with SEI, Structural Engineering International), Author Member, Switzerland.
- 2015: Research Cooperative Organization, Japan.
 International Representative (Middle East), International Geomate Society, Japan.
 Asian Council of Science Editors (ACSE), Invited Member, Dubai, UAE.
- 2014:
 Member Engineer in the Board at American Commission of Expert Engineers (ACOOE)
 Honorary Member of Gulf PMC-Project Management Consortium as Project Management Expert.
 Author Member, OMICS, Accelerating Scientific Discovery, Civil & Environmental Engineering, USA.
 Petrotex Society, USA.
- 2013:
 American Concrete Institute (ACI), EEDU Member, USA.
 Associate Member, ACI Committee 222, Corrosion of Metals in Concrete.
 NACE Corrosion Technical Committee STG 01 – Reinforced Concrete, USA.
 Member of IEEE, USA.
fib, International Federation for Structural Concrete, Switzerland.
- 2012:
 Bahrain Society of Engineers
 American Chemical Society (ACS), Author Member, USA.
 InterNations, Munich, Germany.
- 2011:
 Honorary Member, National Association of Corrosion Engineering (NACE) International, USA.
 (World's largest and most prestigious corrosion organization).
 Editorial Member, Institution of Civil Engineering (ICE), London, U.K.
- 2010: ASCE (American Society of Civil Engineers) Regular Full Member, USA.
- 2006: Japan Concrete Institute (JCI).
- 2000:
 Student Member, ASCE (American Society of Civil Engineers), USA.
 Pakistan Engineering Council (PEC).
 L.D.A Sports Complex, Lahore, Pakistan.
- 1995: Speers Chemical Society.
 1993: Benade Physics Society.
 1990: World Wildlife Fund (WWF).

● **Selected Reviewer for International High Quality ISI Journals:**
 (Certified & Recognized Outstanding Reviewer by Elsevier)

- 2022:
 * Engineering Failure Analysis, Elsevier, ISI Impact Factor 3.114, Q2.
- 2021:
 * Materials & Design, Elsevier, ISI Impact Factor 7.991, Q1.

- * Nature Scientific Reports Journal, ISSN 2045-2322, ISI Impact Factor: 4.996, Q1.
- * Journal of Computational Design and Engineering, ISI Impact Factor 5.860, Q1.
- * Materials, MDPI, ISI Impact Factor: 3.92, Q1.
- * Materials Today, Elsevier, ISI Impact Factor : 31.041.
- * Cement & Concrete Composites, CCC, Elsevier, ISI Impact Factor: 7.586, Q1.
- * Construction and Building Materials, Elsevier, ISI Impact Factor: 5.036, Q1
- * Journal of Cleaner Production, Elsevier, ISI Impact Factor: 9.297, Q1.
- * International Journal of Concrete Structures and Materials, IJCSM, Wos, ISI Impact Factor: 3.157.
- * Advances in Materials Science and Engineering, WoS JCR ISI Impact Factor: 1.63, Q2.
- * Advances in Civil Engineering, Web of Science JCR ISI Impact Factor: 1.21, Q2.
- * Journal of Composite Materials, Web of Science JCR ISI Impact Factor: 2.54, Q2.

2020:

- * American Concrete Institute (ACI) Materials Journal, ISI Impact Factor: 1.64, USA.
- * American Concrete Institute (ACI) Structural Journal, ISI Impact Factor: 1.28, USA.
- * Corrosion Science, Elsevier, ISI Impact Factor: 6.355
- * Iranian Journal of Science and Technology, Transactions of Civil Engineering, Springer Nature, ISI Impact Factor: 0.975
- * ASCE Journal of Materials in Civil Engineering, ISSN (print): 0899-1561 | ISSN (online): 1943-5533, ISI Impact Factor: 1.984.
- * ASTM (American Society of Testing and Materials) Journal of Testing and Evaluation ISI Impact Factor: 0.734
- * ASCE Journal of Engineering Mechanics, ISI Impact Factor: 2.264

2019:

- * Cement & Concrete Composites, CCC, Elsevier, ISI Impact Factor: 5.515.
- * Construction and Building Materials, Elsevier, ISI Impact Factor: 5.036
- * Journal of Alloys and Compounds, Elsevier, ISI Impact Factor 3.779.
- * *fib*, International Federation for Structural Concrete Journal, Switzerland, ISI Impact Factor: 1.885
- * Frontiers of Structural and Civil Engineering, Springer, ISI Impact Factor: 1.272
- * Structural Engineering and Mechanics, An International Journal (SEM), Korea, ISI Impact Factor: 0.863.
- * Structures, Elsevier, Source Normalized Impact per Paper (SNIP): 1.224.
- * Nature - Springer, Asian Journal of Civil Engineering. ISSN: 1563-0854 (print version) ISSN: 2522-011X (electronic version)
- * Journal of adhesion, science and technology, ISI Impact Factor: 1.210

2018:

- * Engineering Failure Analysis, Elsevier, ISI Impact Factor: 2.174

2017:

- * Journal of Civil Engineering and Management, ISI Impact Factor: 3.711
- * Journal of Alloys and Compounds, Elsevier, ISI Impact Factor 3.014
- * Materials and Structures, Springer, ISI Impact Factor: 2.453
- * Composites Part B, Elsevier, ISI Impact Factor: 3.901
- * Structures, ISSN: 2352-0124, Elsevier.
- * Journal of Sustainable Cement Based Materials, Taylor & Francis, Thomson Reuters.
- * Advances in Civil Engineering Materials, American Society of Testing and Materials (ASTM) International, ISI.

2016:

- * International Journal of Management Science and Engineering Management, ScholarOne Manuscripts, Taylor & Francis ISI.
- * Earthquakes and Structures (EAS), an International Journal, Korean Society of Civil Engineers (KSCE), ISI Impact Factor: 0.849

2015:

- * Materials & Design, Elsevier, ISI Impact Factor: 3.626
- * Corrosion Reviews, ScholarOne Manuscripts™, Thomson Reuters.
- * Electroanalysis, Wiley, ISI Impact Factor: 2.502
- * Revista de la Construcción, ISI Journal.

2014:

- * NDT & E International, Elsevier, ISI Impact Factor: 2.105
- * Journal of Advanced Concrete Technology, ISI Impact Factor: 0.508
- * International Journal of Precision Engineering and Manufacturing, Springer, ISI Impact Factor: 1.5
- * Fatigue Fracture of Engineering Materials & Structures, Wiley, ISI Impact Factor: 0.861
- * KSCE Journal of Civil Engineering, Springer, ISI Impact Factor: 0.383
- * Environment, Development and Sustainability, Springer.
- * Earthquake Engineering and Engineering Vibration, Springer, ISI Impact Factor: 0.604
- * Canadian Journal of Civil Engineering, Canada, Scholarone, ISI Impact Factor: 0.602

2013:

- * American Concrete Institute (ACI) Materials Journal, ISI Impact Factor: 0.826, USA.
- * Cement & Concrete Composites, Elsevier, ISI Impact Factor: 5.515.
- * Industrial & Engineering Chemistry Research, ACS, USA, ISI Impact Factor: 2.237
- * Journal of Applied Remote Sensing, ISI.
- * Construction Materials, Institute of Civil Engineers (ICE), U.K.

2012:

- * Journal of Composite Materials, Sage, ISI Impact Factor: 1.060.
- * Journal of Materials Engineering and Performance, ISI, Springer.

2011:

- * Construction and Building Materials, Elsevier, ISI Impact Factor: 6.141.
- * Automation in Construction, Elsevier, ISI Impact Factor: 2.827.
- * Anti-Corrosion Methods and Materials, ScholarOne, ISI Impact Factor: 0.4
- * Cement and Concrete Research, ISI, Elsevier, ISI Impact Factor: 4.075

2010:

- * ASTM (American Society of Testing and Materials) Reviewer for 'Testing and Evaluation' ISI Impact Factor: 0.45.
- * ASCE (American Society of Civil Engineers) Reviewer for 'Materials in Civil Engineering', ISI Impact Factor: 0.959.
- * Swarm and Evolutionary Computation, Elsevier.
- * Computers and Structures, Elsevier, ISI Impact Factor: 2.745

- **Computer Skills:**

DuCOM (Concrete Durability Modeling Program), C++, Sap & Staad, JAVA Programming, Fortran-77 with visual interface, Primavera Project Planning, Pca Structural Design, Finite Element Modeling (FEM) Analysis, Spread sheet analysis, MS Office, Autocad and 3D Studio Max, Hardware assembling & trouble shooting.

- **Administrative Works:**

- * Website Development and Maintenance for the Center.
- * Purchase of Equipment and Materials for Projects.
- * Project Planning
- * Project Management
- * Project Coordination
- * Scheduling of University Staff Meetings
- * Course Coordination for Civil Engineering Department
- * Undergraduate and Postgraduate Course Management
- * Curriculum Updates for Civil Engineering Department
- * Participation in several Committees of the University.

WORK EXPERIENCE

GOVERNMENT & REGULAR FULL TIME EMPLOYMENTS

- **KING SAUD UNIVERSITY, RIYADH, KSA:** (Ranked Top 5 in the entire Gulf Region)
From 14th December 2008 to date working at present.
DESIGNATION: Associate Professor (March 2014 – to date)
: Assistant Professor (December 2008 – Feb 2014)
: Head of Corrosion Lab. (August 2017 - Present)
- **N. Z HEIGHTS, LAHORE, PAKISTAN:** (Builders, Developers & Real Estate Investors, Adjacent Eiffel Tower, Main Boulevard, Sector E, Bahria Town, Lahore, Pakistan)
From 1st August 2021 to date working at present.
DESIGNATION: CEO
- **UNIVERSITY OF TOKYO, JAPAN:** (Ranked among TOP 20 in the world)
From 04th Oct 2004 to 1st Dec 2008.
DESIGNATION: Doctoral and Masters Research Fellow at Concrete Laboratory, School of Civil Engineering, College of Engineering.
- **GOVERNMENT OF PAKISTAN (Ministry of Buildings and Roads):**
From 05th January to 3rd Oct, 2004.
DESIGNATION: Asst. Director / SDO (Sub divisional Officer) in Ministry of C&W Dep't. Government of Pakistan (Communication and works Department) Buildings and Roads Division.

- **UNIVERSITY OF ENGINEERING & TECHNOLOGY, LAHORE, PAKISTAN:**

From 14th March, 2002. to 04th January 2004.

DESIGNATION: Joined as Lecturer & promoted to asst. Professor in Civil Engineering Department in less than 1.5 years.

PRIVATE CONSULTANCIES/SERVICES ON PART TIME/ CONTRACT/ PROJECT BASIS

**MORE THAN 22 YEARS OF VAST & VERSATILE FIELD, ACADEMIC & RESEARCH
EXPERIENCE FROM YEAR 2000-2022**

- **GANDHARA CONSULTANTS (pvt.)Ltd. & THE CONSTRUCTION SERVICES OF PAKISTAN:**
(Off Address : 92/1. A- Block, New Muslim Town, Lahore, Pakistan.)

GANDHARA CONSULTANTS:

PROJECT:Pakistan State Oil Filling station (P.S.O: G.M Khalid) at Kasur, Pakistan.

DESIGNATION: * Planning Engineer. (using PRIMAVERA computer software)

*Site Engineer.

**PROJECT:.Deans Trade Centre & Hotel tower, Saddar Road, Peshawar, Pakistan. (Project value:
6,500 millions pak rupees)**

DESIGNATION: Asst. Structural Engineer, Cost Estimation & Preparation of tender documents.

THE CONSTRUCTION SERVICES OF PAKISTAN:

PROJECT: Pakistan Air Force Officers Housing Scheme, Walton Air Port, Lahore, Pakistan.

DESIGNATION: Site Incharge.

DUTIES: Site supervision & execution, billing, deviation orders, inspections, material purchasing, site execution, labour payments, store maintenance, project management.

- **MASS CONSULTANTS:**

(Off Address : First Floor, Business Arcade, Defence Chowk, Lahore, Pakistan.)

GENERAL DESIGNATION: PROJECT MANAGER

Commercial Projects:

PROJECT: National Telecommunication Building at Garden Town, Lahore, Pakistan.

DESIGNATION: Site Engineer.

PROJECTS: * Pakistan Telecommunication Buildings (PTCL) at Batapur, Muridke, Guldasht town,
* Sharakpur, Rana Town, Johar Town & Sheikhpura.
* Usmania Trade Centre at Rehmat Chowk, Wapda Housing Scheme, Lahore
* PTC Customer Service Centre at Gatt.wala, Faisal Abad.

DESIGNATION: * Site Engineer, Cost Estimation, B.O.Qs, QS, Structural Design & Tender Docs

PROJECT: National Telecommunication Corporation Head quarters Building at Islamabad, Pakistan.

DESIGNATION: Structural Engineer.

PROJECT: MAKKI CENTRE, chowburgi, lahore, Pakistan.

DESIGNATION: Structural Design Engineer.

PROJECT: Commercial plaza at 19&20 Valencia Town, lahore (client: Mr. Tahir Naseem)

DESIGNATION: Structural Engineer

Residential Projects:

PROJECTS: * House of Mr. Sheikh Iftikhaar (M/S Balqees Carpets) at Tariq Road, Lhr. (Area: 5 Kanals)

* House of General Iqbal at Sarwer Road, Kentt, General Saeed at Cavalry Ground, Lahore, Pakistan.

* House of Mr. Naqi at Defence, Dr. Shahid at Garden Town, Lahore.

* House of Mr. Shahzad Raza (Mecatech Engineers) at Defence, Lahore.

DESIGNATION: Site Engineer & Structural / Architectural Designer.

Industrial Projects:

PROJECT: Fatima Textile Mills at Okara. (Project Consultant: M/S M.R Associates, 20-Masson road, Lahore, Pakistan.)

DESIGNATION: Structural Design Engineer.

INMOLE EMPLOYEES CO-OPERATIVE HOUSING SOCIETY, PAKISTAN: (ROADS)

PROJECT: Construction of Coloney Roads.

DESIGNATION: Site Engineer

PROJECT: D.G Khan Cement Factory, at 45km D.G Khan (Project Consultant: Sakina Enterprises for Habib Bank, Lahore, Pakistan.)

(PROJECT VALUE: 8.5 Million USD / 852 Crore Pak Rupees)

DESIGNATION: Evaluation Engineer.

PROJECT: Novamed Phrmaceuticals (Pvt.)Ltd., Factory at 28 km Ferozpur road, Lahore, Pakistan.
DESIGNATION: Over all consultant of the Project planning, tendering, exection and construction.

- **HORTI GROUP:**
(Garden, lawn design, landscaping, irrigation and indoor plant display services)
DESIGNATION: Operation Manager (Design, supervision & Construction Dep't.)
- **PRESTON UNIVERSITY, Lahore, Pakistatn:**
DESIGNATION: **Visiting faculty teacher in Civil Engineering Technology, B-Tech-(Honors) Program.**
- **HERITAGE DEVELOPERS:**

PROJECT: Gulberg Aracade, Main market Gulberg, Lahore. (Project value: 14 Crores)
DESIGNATION: Structural Design (Analysis on SAP2000 and Re-Design)
- **USMANIA DEVELOPERS:**

PROJECT: Usmania Towers at Wapda Town, commercial Area, Lahore, Pakistan.
DESIGNATION: Structural Design Engineer (Analysis on SAP2000 and Re-Design)
- **R.R ASSOCIATES:**

DESIGNATION: C.E.O, Real Estate Investor, Developer & Consultant.
PROJECTS: Several Residential and Commerical Projcts in DHA, Bahria Town, Lake City, McLoad Road, Bahria Orchards, Jalil Gardens, Gawadar, Murree etc. worth more than 2 million USD approx.
- **International Service Check (ISC), AG, Germany & e-kian Mystery Shopping Bare International:**

DESIGNATION: Field Coordinator & Service Checker / Evaluator / Critic
PROJECTS: 12 years of Multi-National Work Experience with several International Renowned Brands and names around the world, especially in Japan and Saudi Arabia incluing Swarovski, Diesel, Ecco, McDonald's, Swatch, Cartier, The Noodle House, Vapiano, The Carat, Karen Miller, Center Point, Lacoste, Lifestyle, Lusin, Mikyaji, Montblanc, Nayomi, Nespresso, Sephora, Sony, Splash, illy, Alkhozama Hotel, Al Faisaliya Hotel etc.
- **HARBIN INSTITUTE OF TECHNOLOGY (HIT), CHINA:**
DESIGNATION: **Visiting Professor Faculty in Civil Engineering Department.**

- **MEDIA/PRESS COVERAGE**

NHK Television, Tokyo, Japan:

Appeared (by invitation and participation) in several T.V programs (interviews, talk shows, live performances, reality TV, cultural shows, events, trainings etc.) broadcasted on NHK National T.V Channel of Tokyo, BS2 and BS hi Vision TV channels in Japan under the series names of Cool Japan, Gaijin, this is tokyo etc. during the years 2004-2008.

Saudia Radio / Radio Riyadh, Saudi Arabia:

Invited by Radio-Riyadh / Saudia Radio, FM radio frequency: 97.0 for discussions, personal interviews, auto biographies, talk shows and my expert opinion on the topics of recent technology & scientific developments, research and research centres, infrastructure economy, my life, education, experiences, my achievements etc. which went on air Live from time to time under the program names 'The Open Hour', 'Lets Connect' and 'Economy Report' during the years 2012-2019.

RESEARCH & PUBLICATIONS

PhD COURSE RESEARCH THESIS:

Title: Modeling of Steel Corrosion in Concrete Coupled with Mass and Energy Transport in Porous Media and its Experimental Verification.

Advisor: Prof. T. Ishida (Civil Engineering Department)

Institution: University of Tokyo, Japan (Ranked among Top 20 in the world and Top10 in Civil Engineering)

Year: 2006-2008.

Note: **Completed Ph.D in a record short period of just 2 years.**

POSTGRADUATE(MASTER) RESEARCH THESIS:(Medal and prize from University of Tokyo)

Title: Coupling of the Effect of Chloride and Temperature on the Corrosion of RC Structures based on Thermodynamic Approach.

Advisor: Prof. T. Ishida (Civil Engineering Department)

Institution: University of Tokyo, Japan (Ranked among Top 20 in the World and Top 10 in Civil Engineering)

Year: 2004-2006.

Award: Furuichi prize, award & medal for best research thesis from the University of Tokyo.

(This is highest award in the college of engineering at the University of Tokyo)

- **UNDER GRADUATE RESEARCH THESIS:**

Title: Effect of various aggregates on shrinkage & strength of concrete.

Advisor: Prof. Yahya Chaudhry, University of Engineering & Technology, Lahore, 2000.

Research element of the degree: 50 percent of work required for that year.

Year: 2000

LIST OF PUBLICATIONS:

Total publications (242), ISI Journal Papers (81), International Conference Papers (38), International Patents (14), Books, Editorials, Expos, Invention Exhibitions, Technical Reports, Monographs, other Journal Papers etc. (83), R&D Government and Private Funded Research Grant Projects (26)

ISI Journal Papers

Year 2022:

1. Raja Rizwan Hussain, Abdulrahman Alhozaimy and Abdulaziz Al-Negheimish (2022) “Effect of curing compounds on the quality of passive layer development under varying oxygen concentration for RC structures in the course of early curing of concrete”, *Construction and building materials Journal, Elsevier*, ISSN: 0950-0618, available online, Vol. 350, published 3 October 2022, Article # 128842, DOI: <https://doi.org/10.1016/j.conbuildmat.2022.128842> (ISI Impact Factor: 7.693, ranking 5 out of 138 Top 3 in Engineering, Civil, Q1).
2. Raja Rizwan Hussain, Abdulrahman Alhozaimy, Abdulaziz Al-Negheimish and DDN Singh (2022) “Role of phosphorus as micro alloying element and its effect on corrosion characteristics of steel rebars in concrete environment”, *Nature Scientific Reports Journal*, ISSN 2045-2322, published online 21st July, 2022, Vol. 12, Article number: 12449, DOI: <https://doi.org/10.1038/s41598-022-16654-w> (ISI Impact Factor: 4.996, Q1).

Year 2021:

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- Scopus Author ID: 35203575600 (<https://www.scopus.com/authid/detail.uri?authorId=35203575600>)

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ISI Web of Science: 657
Scopus: 904
Google Scholar: 1088
Elsevier: 95,376 views
H-index: 19

TEACHING EXPERIENCE:

Courses / Subjects taught to Undergraduate, M.Sc. and Ph.D Students (13) in three different Universities and in (3) different Countries.

* Universities & Countries:

University of Engineering and Technology, Lahore.
University of Tokyo, Japan.
King Saud University, KSA.

* Teaching Statement:

My Five Step Approach: 1. Encouraging student atmosphere 2. Balancing between explaining and engaging the students 3. Making sure that the students stay with the lesson 4. Keeping the students motivated & 5. Keeping the courses updated.

* Courses/Subjects Taught to Undergraduate Students:

Introduction to Engineering Design (GE-105)
Introduction to Engineering Design – Extended/Updated (GE-106)
Undergraduate Student Project (CE-496)
Capstone Student Final Year Graduation Design Project (CE-497)
Engineering Mechanics
Mechanics of Solids (I&II)
Plain and Reinforced Concrete Design (I&II)
Steel Structures
Construction Materials
Project Management
Theory of Structures (I & II)

*Subjects Taught to Graduate Students (M.S and Ph.D):

Concrete Technology (CE-577)

Non-linear Analysis and Design of RC Structures

Sustainable Infrastructure and Urban Regeneration

Advanced Concrete Technology