

CURRICULUM VITAE



PERSONAL MEMORANDA

Name: **DR. ASIF HUSAIN**
Designation: **Professor,**
Department of Civil Engineering,
Faculty of Engineering and Technology,
Jamia Millia Islamia, New Delhi- 110 025, INDIA
Date of Birth: November 20, 1968
Nationality: Indian
Marital Status: Married
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SUMMARY

Dr. Asif Husain, Professor (Since 2013—Cont.), Department of Civil Engg., JMI, N. Delhi, graduated in Civil Engineering from Jamia Millia Islamia with First class distinction in 1992, and obtained M. Tech. degree in Structural Engineering from Z. H. College of Engineering and Technology, A. M. U., Aligarh in the year 1995. He awarded **Doctor of Philosophy (Ph. D)** from **IIT, Delhi**. His areas of interest include Structural Engineering, Structural Mechanics, Finite Element Analysis, and Miniature specimen test technique etc.

ACADEMIC QUALIFICATIONS

Ph. D. (Structural Mechanics) was awarded Doctor of Philosophy in stress analysis by **Indian Institute of Technology, Delhi** in **2004**. The topic of the thesis was “Determination of Mechanical Properties of Materials Using Miniature Specimen Test Technique and Finite Element Method”.

M.Tech.(Structure Analysis) Passed Master of Science in Engineering in Building Engineering from Aligarh Muslim University in **1995** and secured 75% marks.

P.G.D.C.A. Post Graduate Diploma in Computer Application was awarded by Jamia Millia Islamia, Central University, Delhi in 1993.

B. Sc. Engg. (Civil) Passed Bachelor of Science in Engineering in Civil Engineering from Jamia Millia Islamia, University, Delhi in **1992** and secured 92% marks.

Intermediate Passed the Intermediate Examination of JMI Board, New Delhi, in 1989 with 1st Div.

High School Passed the High School Examination of JMI Board, New Delhi, in 1986 with 1st Div.

Teaching and Research Experience:

2011-14.06.2014 **Associate Professor**, in Civil Engineering, Department of Civil Engineering, College of Engineering and Islamic Architecture, Umm Al-Qura University, Makkah, **KSA** .

2007- 2011 **Associate Professor**, in Civil Engineering, Department of Civil Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi-110025, INDIA.

998 - 2007 **Sr. Lecturer** in Civil Engineering, Department of Civil Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi-110025, INDIA, taught graduate and under graduate courses and helped in the development and advancement of Transportation Engineering and Soil Mechanics laboratories.

1995 - 1998 **Lecturer** in Civil Engineering Section, University Polytechnic, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi- 110 025, INDIA, taught under graduate and diploma engineering courses and helped in the development & advancement of Computer, Structure Engineering, Applied Mechanics, and Transportation Engineering laboratories.

1995 - 1995 **Research Associate**, Department of Civil Engineering, Jamia Millia Islamia, New Delhi-110025, INDIA. Worked on UGC funded project on "**Mass Scale Utilization of Fly ash**".

Software Developed: A Computer Aided Design Package for Slabs and Foundations

Research Project: U.G.C. Funded project "**Mass Scale Utilization of Fly ash**".

Scholarships:
i) Recipient of merit scholarship in JMI, University.
ii) Recipient of Central Government merit scholarship

Significant Contribution in Research and Academics:

- **Development of Reinforced Interlocking Hollow Block System for Earthquake Resistant Construction Using Industrial Waste, Sponsored by Ministry of Housing & Urban Alleviation, Government of India.**
- Developed a Simple Versatile Small-Specimen Punch Test Setup for Testing the Miniature Specimens.
- Developed Inverse Finite Element Procedure for The Determination of the Mechanical Behavior of Materials.
- Developed Empirical Correlations in Conjunction with Diminutive Specimen Test Data for The Determination of the Mechanical Behavior of Materials.
- Design and Strengthen, Retrofitting Report of a Heritage Brick Masonry Building of the University, JMI.

Ph. D. THESIS COMPLETED and IN PROGRESS

1. “Prediction of Mechanical Behavior of Metals Using Diminutive Specimen Technique & Finite Element Method”, Farrukh Hafeez. (**Awarded**)
2. “Innovative Interlocking Solid & Hollow Block System for Earthquake Resistant Construction and Sustainable Habitat”, D.P. Singh.
3. “Nonlinear Modeling of Composite Structure-Curved in Plan”, Wisam Jasim Hilo.

M. Tech. THESIS COMPLETED and IN PROGRESS

1. SEISMIC ANALYSIS OF RC SHEAR WALL FRAME BUILDINGS WITH AND WITHOUT OPENINGS IN SHEAR WALL (Hammad Ahsan), 2015
2. VULNERABILITY ASSESSMENT OF A REINFORCED CONCRETE BUILDING (Adnan Hussain), 2015
3. SEISMIC ANALYSIS OF T- BEAM BRIDGE USING FINITE ELEMENT METHOD (Mohammad Mustaqeem Uddin), 2015
4. EFFECT OF WIND FORCES IN HIGH RISE BUILDING WITH SHEAR WALL AND WITHOUT SHEAR WALL (Qmar Alam), 2015
5. RECYCLE AND REUSE OF DEMOLISHED CONCRETE WASTE (Jabbar Ahmed), 2010
6. Finite Element Analysis of Flat Slab Structure, Nitin Kumar
7. Pushover Analysis of Ten Storey Steel Frame (Rigid and Semi Rigid Jointed), Umar Shahab Karimi
8. Seismic Analysis of Setback Buildings, Divya Yadav

9. Seismic Analysis of multi storey RCC building with and without openings in shear wall, Mukta Payasi

PUBLICATIONS:

1. **Asif Husain**, “Elasto-Plastic Characteristics of Materials Using Miniaturized Specimen and Finite Element Techniques” Paper Presented in First at International Conference on Advanced Materials for Power Engineering (ICAMPE-2015), pp.59, 11-13 December 2015 at Mahatma Gandhi University, Kottayam, Kerala, India.
2. F. Hafees, Asif Husain, M.N. Deshmuk, “Experimental and Simulated Technique for the Determination of Metal Properties Using Diminutive Specimen” Proceeding of the National Conference on advances in mechanical engineering (NACAME-2014), department of mechanical engineering, Gurgaon Institute of Technology Management, pp. 5 – 10.
3. F. Hafees, **Asif Husain**, “3D-Modelling of Miniture Shear Punch Test for the Prediction of Mechanical Properties of Metals”, Special Issue on International Journal of Recent advances in engineering & Technology (IJRAET), Feb. 2016, pp. 1- 7.
4. Asif Husain, Jabbar Ahmed, Abdul Mujeed, Rehan Ahmed, “Effect of Temperature on Concrete”, International Journal of Recent advances in science & Engineering (IJRASE), Vol. No. 5, Issue No. 03, March 2016, pp. 33 - 42.
5. F. Hafees, **Asif Husain**, “Design and Development of a Notched Ring Shaped Miniature Specimen and Its Setup to Study the Mechanical Behavior of Metals”, International Journal for Research in Emerging Science and Technology, Volume-2, Issue-4, April 2015, ISSN: 2349-7910, pp. 16-19.
6. **Asif Husain**, Ravi Sagar, D.K. Sehgal and K.K. Pathak, “ Empirical Relation to Predict the Improvement in Mechanical Property by Equal Channel Angular Extrusion (ECAE) Through Simulation”, Journal of Engineering, Science & Management Education, National Institute of Technical Teachers’ Training & Research, Bhopal, Govt. of India, MHRD, Volume: 8 Issue: II, May-August 2015, pp. 83-87, ISSN: 0976-0121.
7. A. Rawsan, M.A. Iqbal, M.R. Sadique, A. Husain, “Safety Analysis of Nuclear Containment Structure Against Aircraft Crash and Induced Fire”, Design and Analysis of Protective Structures, Proceeding of the 3rd International Conference on Protective Structures (ICPS3), Newcastle, Australia, 3-6 February 2015, pp. 434-451, ISBN: 978-0-9871143-7-2(e-version).
8. F. Hafees, **Asif Husain**, “Diminutive Specimen Test Techniques for Predicting Mechanical Behavior of Metals – A Review”, International Journal for Research in Emerging Science and Technology, Volume-2, Issue-5, May-2015, ISSN: 2349-7910, pp. 74-90.

9. Majid Matauq Assas, **Asif Husain**, D.K. Sehgal “Identification of mechanical characteristics of materials using diminutive specimen-an empirical study”, Published by Elsevier Ltd., Procedia Engineering 10 (2011) 3109 – 3116.
10. S. Ahmad, **A.Husain**, F.Ghani, M.N.Alam, “Use of Solid Waste (Foundry Slag) Mortar and Bamboo Reinforcement in Seismic Analysis for Single Storey Masonry Building”, Springer publication, 94(4):263-269, January 2014.
11. **Asif Husain & Majid Matauq Assas**, “**Utilization of Demolished Concrete Waste for New Construction**”, World Academy of Science, Engineering and Technology, Issue 73, January 2013, Zurich, pp. 675 – 679..
12. A, Ahmed, M. Alam & Asif Husain, “Investigation of Structural Defects and Renovation of a RC Residential Building”, International Journal of Chemical Environmental & Biological Sciences (IJCEBS), volume 1, issue 2 (2013), pp. 304 – 308.
13. A, Ahmed, Asif Husain & M. Alam , “*Retrofitting of Historical Masonry Building,*”, International Conference on Advances in Engineering and Technology (ICAET 2013), **2013**.
14. A, Ahmed, M. Alam & Asif Husain, “Investigation of Structural Failure of a RC Hotel under Construction”, 2nd International Conference on Civil and Transportation System (ICCTS’ 13), May 2013, Penang, Malaysia, pp. 216 – 220.
15. A, Ahmed, M. Alam & Asif Husain, “Investigation of Structural Defects and Renovation of a RC Residential Building”, 2nd International Conference on Civil and Environmental Engineering, (ICCEF’2013), 2nd International Multi-conference on Management, Chemical, Environmental and Medical Science (IMMCEMS’ 13), March 2013, Dubai, UAE, pp.237-241.
16. Farrukh Hafeez, **Asif Husain**, D. K. Sehgal and M.N.Deshmukh, “Inverse Determination of Materials Properties using Diminutive Specimen Technique”, National Conference on Recent Advances in Manufacturing Engineering & Technology, Vignana Jyothi, Hyderabad, January, 2011, pp. 174-181.
17. **Husain, A.**, Sehgal, D. K., and Pandey, R. K., “The Rectangular Shaped Minuscule Specimen To Study The Behavior of Materials”, 2nd International Conference on Mechanical and Electronics Engineering, (ICMEE 2010), IEEE, Aug. 1-3, Kyoto, Japan, pp. vi-196-199, 2010.
18. F. Hafeez, **Asif Husain**, D. K. Sehgal and M.N.Deshmukh “Miniature Test Technique for accruing true Stress-Strain curves for a large range of Strains using a tensile test and Inverse Finite Element method”, Trans Tech Publication, Switzerland, Applied Mechanics and Materials vols. 110-116 (2012) pp 4204-4211.
19. F. Hafeez, **Asif Husain**, D. K. Sehgal and M.N.Deshmukh, “Small Specimen test Technique to Monitor the Performance of in-service Components:

- Experiment and Modeling”, Proceeding of National conference on Recent Advances in Mechanical Engineering (RAME-2011) India, pp. 15-19.
20. F. Hafeez, **Asif Husain**, D. K. Sehgal and M.N.Deshmukh, “Inverse Determination of Materials Properties using Diminutive Specimen Technique”, National Conference on Recent Advances in Manufacturing Engineering & Technology, Vignana Jyothi, Hyderabad, January, 2011, pp. 174-181.
 21. F. Hafees, **Asif Husain**, D. K. Sehgal and M.N.Deshmukh “Miniature Test Technique for accuiring true Stress-Strain curves for a large range of Strains using a tensile test and Inverse Finite Element method”, IEEE International Conference on Mechanical & Aerospace Engineering, CMAE 2011, Delhi, India, March 21-23, 2011 pp. 575-579.
 22. **Asif Husain, Jabbar Ahmed and Mehtab Alam** “RECYCLE AND REUSE OF DEMOLISHED CONCRETE WASTE” Proceeding of International Conference on Environmental Sustainability with Green Building Technology, 15-17 **March, 2010**, Dept. of Civil Engg., Meenakshi Sundarajan Engineering, College, Chennai, India. pp.198-202.
 23. **Asif Husain**, Farrukh Hafeez, D. K. Sehgal and M.N.Deshmukh, “An inverse Technique for the Prediction of Mechanical Properties of Materials using ANN Based Finite Element Method” Advances in Numerical Methods, vol. 22, No. 1, pp.74-90, **Jur. of Tech Science Press**, 2009.
 24. **Husain, A.**, M. Guniganti, Sehgal, D. K., and Pandey, R. K., “Identification of Materials Properties With The Help of Miniature Shear Punch Test Using Finite Element Method And Neural Networks”, International journal of **Computers, Materials & Continua**, CMC: Vol. 8, No. 3, pp. 133-150, 2009, Tech Science Press, USA.
 25. **F. Hafees, Asif Husain, D. K. Sehgal and M.N.Deshmukh** “Inverse Modeling Technique for the Prediction of Constitutive Behavior of Steels”, Proceeding of International Conference on Advances in Concrete, Structural and Geotechnical Engineering, Birla Institute of Technology and Science, Pilani, Rajasthan, pp.1-8. Oct. 25-27, 2009.
 26. Farrukh Hafeez, **Asif Husain**, M.N.Deshmukh and D. K. Sehgal, “Inverse Determination of Materials Mechanical Properties using Diminutive Specimen Technique” Proceeding of National Conference on Recent Advances in Manufacturing Engineering & Technology, pp. 174-180, 2009.
 27. **Husain A.**, D. K. Sehgal and R. K. Pandey “Design of a Simple Versatile Small-Specimen Punch Test Setup for Determination of the Mechanical Behavior of Materials”, **Journal of Experimental Techniques**, Bethel, USA, Vol. 26, No. 5, September/October **2002**, pp. 33-38.
 28. **Husain A.**, D. K. Sehgal and R. K. Pandey “An Inverse Finite Element Procedure For The Determination of Constitutive Tensile Behavior of Materials Using Miniature Specimen” **International Journal of**

Computational Materials Science, Published by Elsevier Science Ltd, Oxford,U.K., Vol. 31, Issues 1-2, Sep. **2004**, pp. 84-92.

29. **Husain A.**, Sehgal, D. K., and Pandey, R. K., “Quasi-Static Normal Indentation of A Circular Disk Shape Miniature Specimen by Rigid Hemispherical Headed Punches”, **Defence Science Journal**, Vol. 53 No. 2 (April **2003**), Delhi, pp. 354-361.
30. K.Ramaneyulu, **Asif Husain**, D.K. Sehgal and S. Ahmad “Finite Element Analysis and Reliability Assessment of Spherical LPG Storage Tank “ **Journal of Institution of Engineers** (India), Vol. 84, October **2003**, pp. 98-103.
31. **Husain, A.**, Sehgal, D. K., and Pandey, R. K., “Review of Small Punch Test Technique for Evaluating Mechanical Behavior of Materials and in-service Components using Miniature Specimen” **Journal of Structural Engineering**, Taramani, Chennai. Vol. 31 No. 2, July-September **2004**, pp. 91-100.
32. **Husain, A.**, Sehgal, D. K., and Pandey, R. K., “Determining The Mechanical Behavior of Low-Alloy Steel Using Diminutive Specimen”, 9th International Conference on The Mechanical Behaviour of Materials, **Geneva, Switzerland**, May 25-29, 2003.
33. **Asif Husain**, Farrukh Hafeez ,M.N.Desmukh, D. K. Sehgal, “PREDICTION OF MECHANICAL PROPERTIES USING MINIATURE SPECIMEN TECHNIQUES” Proceeding of the National Conference, Organized by Institute of Technology & Management, Sector-23A, HUDA, Gurgaon, Haryana, India, Jan 5-6, 2007.
34. Mohd. Ahmed, Mazher Dad Khan, **Asif Husain**, “Functional Analysis Based Value Engineering: A Necessity In Earth Quake Resistant And Seismic Evaluation of Structures”, National Conference Geotechnical and Structural Aspects of Earthquake Engineering, Department of Civil Engineering, Jamia Millia Islamia, Aug., 4 & 5 2007, N. Delhi, pp. 173-178.
35. **Husain, A.**, Sehgal, D. K., and Pandey, R. K., “Estimation of Yield Strength of Structural Steels (API X60 GRADE & Medium carbon) Using Non-Circular Diminutive Specimen” Proceeding of 8th International Symposium on Plasticity and Impact Mechanics (IMPLAST-2003), Vigyan Bhavan, N. Delhi, pp. 354-361.
36. **Asif Husain**, D. K. Sehgal and R. K. Pandey “Miniature Specimen Test Techniques for Evaluation of Yield Strength of Structural Steel” International Conference organized by American Society of Mechanical Engineers and Bangladesh Mechanical Engineers at Dhaka, Dec. 31 2001-Jan 2 2002, pp. 754-760.
37. **Husain, A.**, Sehgal, D. K., and Pandey, R. K., “Application of Small Specimen Punch Test Data for the Prediction of Fracture Toughness, K_{IC} ,

Value” The 47th Congress of Indian Society of Theoretical and Applied Mechanics, India Institute of Technology, Guwahati, Proceeding of Indian Society of Theoretical and Applied Mechanics (An International Meet), India Institute of Technology, Kharagpur, December 2002, pp. 113-119.

38. **Husain, A.**, Sehgal, D. K., and Pandey, R. K., “3D- Finite Element Simulation of Small Punch Test Techniques To Study the Mechanical Behavior of Structural Steel” Edt. By S. Adali, E. V. Morozov and V. E. Verijenko, Proceeding of 2nd International Conference on Applied Mechanics & Materials, Jan. 21-23, 2003, **Durban, South Aferica** pp. 13-19.
39. D. K. Sehgal, Rajeeb Jain, **Asif Husain** and K. K. Pathak “Design of Tractor Bonnet Using Finite Element Technique” 17th National Convention of Mechanical Engineers, Organized by The Institution of Engineers (India), Indore Center, Nov. 26-27, 2001.
40. **Husain, A.**, Sehgal, D. K., and Pandey, R. K., “Prediction of Primary Strength of Materials Using Small Punch Test Technique”, Paper presented in National symposium on large deformation, Indian Institute of Technology, Delhi, September 1, 2002.
41. **Husain, A.**, Sehgal, D. K., and Pandey, R. K., “Estimation of Fracture Toughness of Chromium Hot Work Steel From Miniature Specimen ” Proceeding of 8th International Symposium on Plasticity and Impact Mechanics (IMPLAST-2003), Vigyan Bhavan, N. Delhi, pp. 183-189.
42. **Asif Husain**, D. K. Sehgal and R. K. Pandey “Prediction of Mechanical Properties of Structural Steel Using Non-Conventional Small Specimens” Proceeding of 4th International conference on creep, Fatigue and creep-fatigue interaction, organized by the Indian Institute of Metals and Indira Ghandi Center for Atomic Research, Tamil Nadu, Oct. 8-10, pp. C167-172.
43. **Asif Husain**, Mehtab Alam and Sirajuddin Ahmad “Impact of Treated Waste Water on Cement Concrete” , International Conference on Environmental Challenges for the New Millennium”, November 1999, New Delhi.
44. **Asif Husain**, Iqbal H. Khan and Sirajuddin Ahmad “Sustainable Development of Construction Industry by Use of Treated Muncipal Waste Water” International Conference on Environmental Management (ICEM), University of Wolliongong, Australia (1998)
45. **Asif Husain**, Iqbal H. Khan and Sirajuddin Ahmad “Design of Road Intersections Signal for Impairment of Vehicullar Pollution” Published in National Conference on Delhi Transportation System In 21st Century, New Delhi 1997.
46. **Asif Husain** and Sirajuddin Ahmad “Flyash Utilization in India and Government Policies” International Conference on “New Challenges for Civil Engineers in the 21st Century, March 1996, New Delhi.
47. **Asif Husain**, S. M. Abbas and Shamshad Ahmad “Environmental Problems due to Flyash and its use as Building Material” International Conference on

“New Challenges for Civil Engineers in the 21st Century, March 1996, New Delhi.

48. **Asif Husain**, Iqbal H. Khan and Sirajuddin Ahmad “Mass Scale Utilization of Flyash” Report submitted to UGC (1995).
49. **Asif Husain**, S. M. Abbas and Sadika Abbas “Environmental Effect of Acid Rains-A Review” International Conference on “New Challenges for Civil Engineers in the 21st Century, March 1996, New Delhi.

COURSE TAUGHT:

Courses taught at Graduation and Post graduation level:

- (i) Strength of Materials
- (ii) Structural Analysis
- (iii) Theory of structure
- (iv) Design of Concrete Structures
- (v) Earthquake Engineering
- (vi) Engineering Materials
- (vii) Soil Mechanics
- (viii) Elements of Civil Engineering
- (ix) Solid Mechanics
- (x) Theory of Elasticity
- (xi) Numerical Analysis and Computer Programming
- (xii) Finite Element Method

PROFICIENCY OF WORKING ON COMPUTERS:

Languages	FORTRAN, BASIC, PASCAL, C, C++ and COBOL
Software Packages Used	
Engineering Application	ABAQUS, NISA, PATRAN, FORGE-2 and ANSYS (FEM Software's), STADD, SAP90.
Spread Sheets	Excel, Lotus 1-2-3, Quattro-Pro
Word Processors	MS-Word, PageMaker, Wordstar, Softword, Chi-Writer, Sulekh
Graphics Packages	Auto-CAD, Grapher, HPG, HG, Surfer
Hardware Used	VAX-11/780, DEC-20, PC-486 and Pentium
Operation Systems	MS-DOS, WINDOW-XP, UNIX, TOPS-20, VAX/VMS, XENIX and ALPHA system

MEMBERSHIP OF PROFESSIONAL BODIES:

- (i) Life Member, Indian Society of Theoretical and Applied Mechanics, India
- (ii) Member of Academic Council, Jamia Millia Islamia, N. Delhi, India
- (iii) Senior Executive Member of JTA, Jamia Millia Islamia, N. Delhi, India
- (iv) Member of Faculty Committee, (2004 – 2007), Faculty of Engg. & Technology, Jamia Millia Islamia, N. Delhi
- (v) Member of Board of Studies, Civil Engineering Department, Faculty of Engg. & Technology, Jamia Millia Islamia, N. Delhi, India
- (vi) Life Member, Indian Society of Environmental Management, India
- (vii) Life Member, Indian Society for Technical Education, India

SEMINAR, SYMPOSIA AND WORKSHOPS ATTENDED:

- (i) One-week workshop on Educational Technology (July 25-31, 1995), New Delhi.
- (ii) One-day workshop on Environmental Problems of Mega City (Dec. 9, 1995) New Delhi.
- (iii) Awareness Workshop on Natural Disaster, Sep. 1-2, 1999, New Delhi.
- (iv) Workshop on Disaster Management, organized by IIPA, Delhi and JMI Delhi, 28-30 September 2000.
- (v) 8th International Symposium on Plasticity and Impact Mechanics (IMPLAST-2003), organized by IIT, Delhi at Vigyan Bhavan, New Delhi, March 16-19 2003.
- (vi) National Workshop on National Programme on Earthquake Engineering Education, (NPEEE) at Indian Institute of Technology, Delhi, April 5th 2003.
- (vii) NPEEE Short Term Training Programme on Analysis and Design of Earthquake Resistant Reinforced Concrete Building held at IIT Guwahati, 7th July to 13th July, 2003.
- (viii) The 9th International Conference on the Mechanical Behaviour of Materials at Palexpo Congress Center, Geneva, Switzerland, May 25-26, 2003.
- (ix) National symposium on large deformation, organized by IIT, Delhi at India International Center, New Delhi, September 1, 2002.
- (x) The 47th Congress of Indian Society of Theoretical and Applied Mechanics ISTAM, (An International Meet), India Institute of Technology, Guwahati, December 23-26, 2002.
- (xi) International Conference on New Challenges for Civil Engineers in the 21st Century, March 1996, New Delhi.
- (xii) INCARF'96, International Conference on CAD, CAM, Automation, Robotics and Factories of Future (Dec 17-20, 1996), New Delhi.
- (xiii) Seminar on Science and Technology –21st Century Challenges (ST200), 1998, New Delhi.
- (xiv) International Conference on Environmental Challenges for the New Millennium", November 1999, New Delhi.
- (xv) International Conference organized by American Society of Mechanical Engineers and Bangladesh Mechanical Engineers at Dhaka, Dec. 31 2001-Jan 2 2002.

- (xvi) 17th National Convention of Mechanical Engineers, Organized by The Institution of Engineers (India), Indore Center, Nov. 26-27, 2001, Indore.
- (xvii) Two day training workshop on “Seismic Design of Reinforced Concrete Building” Organized by the Delhi Government under the Government of India-UNDP Disaster Risk Management Programme, 9th –10th Jan, 2004.
- (xviii) Short Term Training Programme on “Combustion Generated Pollution” sponsored by AICTE/ISTE, Department of Mechanical Engineering, JMI, N. Delhi, March 18-29, 2004.
- (xix) Review Workshop on Resource Material in Earthquake Engineering, NPEEE, Indian Institute of Technology Kanpur, 26-30 April 2004.
- (xx) Two weeks Auto-CAD Training Programme Organized by Department of Mechanical Engineering, Jamia Millia Islamia, N. Delhi –110025, from 23rd Aug. to 3rd Sept. 2004.
- (xxi) UGC Sponsored 72nd Four-Week Orientation Programme, Academic Staff College, JMI, N. Delhi, April 13th to 11th May 2005.
- (xxii) Phase-I of the Training course on “Seismic Risk Reduction of Structures” sponsored by Ministry of Home Affairs, Govt. of India from 16th – 28th May 2005 in the Department of Civil Engineering at IIT-Delhi.
- (xxiii) Phase-II of the Training course on “Seismic Risk Reduction of Structures” (two weeks) sponsored by Ministry of Home Affairs, Govt. of India from December 2005 in the Department of Civil Engineering at IIT-Delhi.
- (xxiv) International Conference on Environmental Sustainability with Green Building Technology, **15-17 March, 2010**, Dept. of Civil Engg., Meenakshi Sundarajan Engineering, College, Chennai, India
- (xxv) Conference on Remote Sensing and GIS for Environmental Management (RSGIS-EM 2010), Dept. of Civil Engg., Jamia Millia Islamia, New Delhi on August 10, 2010.

ABROAD VISITS:

1. Visited Geneva, **Switzerland**, During May 23-30, 2003. Attended and chaired one of the session of the 9th International Conference on the Mechanical Behavior of Materials. Also presented the Paper “Determining The Mechanical Behavior of Low-Alloy Steel Using Diminutive Specimen”.
2. Visited Suzhou, **Shanghai, China**, During September 12-19, 2008. Attended the International Conference on the ICCES Special Symposium on Meshless & Other Novel Computational Methods. Also presented the Paper “Determining The Mechanical Behavior of Low-Alloy Steel Using Diminutive Specimen”.

3. **Associate Professor**, in Civil Engineering, Department of Civil Engineering, College of Engineering and Islamic Architecture, Umm Al-Qura University, Makkah, **KSA (04.07.2011-14.06.2014)**

CONSULTANCY PROJECTS:

- i. Structural consultant of Jamia Millia Islamia, for checking the design of New MCRC Block.
- ii. Structural consultant of Jamia Millia Islamia, for checking the design of Workshop Block of Faculty of Engineering Technology, JMI.
- iii. Structural consultant of Jamia Millia Islamia, for checking the design of Dining Hall and other Hostel facility for the Hall of Boy's Residence, JMI.
- iv. One of structural consultant for the conservation and retrofitting of Jamia School Hostel Building.
- v. Concrete Mix Design of M25, M30, M35, M40 etc. for various projects in Jamia and for DDA, MCD, Rites and other construction Industries.

MISCILLENEOUS:

- (i) **Member of Technical Committee**, of the Grand Masjid Al-Haram, King Abdullah bin Abdul Aziz Al-Haram Extension Construction Project (2011-2014), Makkah Al-Mukkarama, Kingdom of Saudi Arabia,
- (ii) Member of Surveys and Exit Interviews Committee of civil Engineering department of Engineering and Islamic Architecture, Umm Al-Qura University, Makkah.KSA (2011-2014);
- (iii) **Senior Warden of the University SRK Hostel**, Jamia Millia Islamia, N. Delhi, since **16.7.2005 to Till date**.
- (iv) **Advisor** of Interview Board, Staff Selection Commission, Government of India, 2009 and 2010.
- (v) **Assistant Proctor, University Sector**, Jamia Millia Islamia, N. Delhi, since **2007 to 2009**.
- (vi) Member, Purchase Committee of Hrayna Wakf Board Mewat Engineering College, Haryana (2009-2011)
- (vii) Member, Building Committee of Hrayna Wakf Board Mewat Engineering College, Haryana (2009-2011)
- (viii) Treasurer, Jamia Engineering Alumni Association, JMI, India, 2000-2011
- (ix) **Tabulator** for preparation and declaration of results of the Annual Examination of B. TECH. (CIVIL) **2005-Cont**.

- (x) **Elected Member of Academic Council** Jamia Millia Islamia, New Delhi, (2006-2009),
- (xi) **Elected Senior Executive Member of Jamia Teacher's Association,** (2006-2010), Jamia Millia Islamia, New Delhi
- (xii) **Tabulator** for preparation and declaration of results of the Annual Examination of B.Tech. (Civil) 2005-2006.
- (xiii) **Assignment of Assistant Project Officer** For Community Polytechnic, JMI, 1997 to 1999.
- (xiv) **Tabulator** for preparation and declaration of results of the Annual Examination of B.E. 1999-2000.
- (xv) Prepared syllabus for B. Tech. I, II, III, and IV year and Part time Diploma courses.
- (xvi) In-charge of Transportation Engineering Laboratory, 1998-2002, 2003-04.
- (xvii) In-charge of Soil Mechanics Laboratory, 2003-2004.
- (xviii) In-charge of Materials Engineering Laboratory, 2004-Till date.
- (xix) Treasurer, Jamia Engg. Alumni Association (Regd.), New Delhi.
- (xx) Tabulator for preparation and declaration of results of the Annual Examination of B.E. 2004-2005.

REFEREES:

1. Prof. Mohammad Shakeel, Head and Dean, Faculty of Engineering and Technology, Jamia Millia Islamia, N. Delhi.
2. Prof. Khalid Moin, Former Head and Dean, Faculty of Engineering and Technology, Jamia Millia Islamia, N. Delhi.
3. Prof. Mehtab Alam, Former Head, Dept. of Civil Engineering, Faculty of Engineering and Technology, and Chief Proctor of Jamia Millia Islamia, N. Delhi.
4. Dr. D. K. Sehgal, Professor, Dept. of Applied Mechanics, Indian Institute of Technology, Delhi.
5. Dr. R. K. Pandey, Professor and Ex. Head, Dept. of Applied Mechanics, Indian Institute of Technology, Delhi.

Asif Husain

(Dr. ASIF HUSAIN)