

CURRICULUM VITAE

PERSONAL MEMORANDA



Name:

Professor (DR.) ASIF HUSAIN

Designation:

Dean, Alumni Affairs, JMI

Former Professor In-charge Building & Construction Department (Nov. 2023 to Aug. 2025) and Professor, Department of Civil Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi
Former **Dean & Principal College of Engineering and Technology**, Baba Ghulam Shah Badshah University, Rajouri J&K, INDIA

Date of Birth:

November 20, 1968

Nationality

Indian

Marital Status:

Married

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Phone No.

9958477841

SUMMARY

Professor (Dr.) Asif Husain, **Dean, Alumni Affairs, JMI** and Professor-In charge, Building & Construction Department, JMI (November 2023– Aug. 2025), NODAL officer Central Pollution Control Board, Project Grossly Polluting Industries (GPIs) inspections 2023-24 and Professor (January 2013 – onwards) Department of Civil Engineering, Jamia Millia Islamia, N. Delhi. Former Dean & Principal (Feb. 2020 - Jan 2023.), College of Engineering and Technology, BGSB University, Rajouri J&K and Former Head Department of Civil Engg., College of Engineering and Technology, BGSB University, Rajouri J&K. 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 was awarded Doctor of Philosophy (Ph. D) from IIT, Delhi 2004.** His areas of interest include Structural Analysis, Structural Mechanics, Strength of Materials, Concrete Technology, Finite Element Analysis, Stress Analysis and Miniature specimen test technique etc. He has done consulting work for several leading companies and received research grants from agencies such as – Sponsored by Ministry of Housing & Urban Alleviation and Ministry of Environment, Forest & Climate Change GoI.. Ph. D. Thesis Guided 6 and 6 on progress.

ACADEMIC QUALIFICATIONS

CMI certificate training provided by Dudley College, UK, Level 5 Award in Management and Leadership, Conducted by AICTE-UKIERI 2021.

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.

Administrative Positions

August 2025 – onwards

Dean, Alumni Affairs, JMI

Nov. 2023 – Aug. 2025

Professor-In charge, Building & Construction Department, JMI

February 2020 to January 31, 2023

Dean & Principal
College of Engineering and Technology,
Baba Ghulam Shah Badshah University,
Rajouri J&K, INDIA

March, 2021 to January 31, 2023

Dean,
School of Mathematical & Computer Sciences
Baba Ghulam Shah Badshah University,
Rajouri J&K, INDIA

March,.2021 to January 31, 2023

Dean,
School of Material Sciences & Nanotechnology
Baba Ghulam Shah Badshah University,
Rajouri J&K, INDIA

March 05 to March 12, 2023 Officiating **Vice-Chancellor** Baba Ghulam Shah Badshah University, Rajouri J&K, INDIA

March, 2021- 2023

Head, Department of Civil Engineering, College of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajouri J&K, INDIA

Teaching and Research Experience:

2013 – onwards, Professor, in Civil Engineering, Department of Civil Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi-110025, INDIA.

2011 - 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.

1998 - 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”.

Fellowship & Membership

1. Life Member ISET (Indian Society of Earthquake Technology), IIT Roorkee, India
2. Life Member ISTE (Indian Society of Technical Education), India
3. Life Member Ferro cement Society of India

Service on University and Department Committees

1. Expert member of the Selection Committee of CSIR-Central Road Research Institute For Engagement of Project Staff in CSIR-CRRI.

2. Chairman of Swatch Abhiyan Pakhwada: Auction of University/Obsoletes Items.
3. Member of the Project Monitoring Committee of Jamia (PMC-J) for HEFA Infrastructure Projects of the University.
4. Member of the HEFA CELL for Smooth and Efficient Coordination of HEFA Projects in the University.
5. Nodal Officer at Centre for Pollution Control Board, Delhi, Grossly Polluting Industries Operatory in river Ganga & Yamuna main stem, Annual Inspection 2023-24.
6. Member of the Committee to assess the civil work in terms of electrical work, carpentry at the Faculty of Dentistry for installation of Dental chairs
7. Member of the Committee to discuss the issue related to establishment of Medical College & Hospital and starting of MBBS Degree in JMI from Academic Session 2026-2027.
8. Member of a Committee, Regarding laying of interlocking tiles and Construction of RCC Flooring and replacement of old and blocked sewer pipelines at back side of A.M. Khwaja, MMA Jauhar Hall of Boys Residence.
9. Chairman of the Physical Progress Assessment of the ongoing HEFA Infrastructure Project in JMI.
10. Chairman of Auction Committee dispose of Unserviceable/Obsolete items of Building & Construction Department of JMI.
11. Member of a Committee to review the approved rates of work related to Building & Construction Department of JMI.
12. Member of Board of Management, Center of Interdisciplinary, JMI
13. Member of the Library committee, BGSBU for the year 2021-22.
14. Chairman of the committee to examine service record and performance report of all cases pertaining to extension of contractual engagement of GDH and Safaikaramcharis of BGSB University, 24.03.2021.
15. Chairman of the Internal Quality Assurance Cell (IQAC), NIRF and India-Today Ranking Cell of BGSB University, 20.04.2021.
16. Member of the committee to deliberate on pending issue of the Polytechnic in particular, BGSBU, 01.07.2021.
17. Member of the three member committee to examine the case of unauthorized absence from duty of Mr. Manzoor Hussain, BGSBU, 05.04.2022.
18. Member of the committee to vet the tender document and other Technical things, BGSBU, 03.01.2022.
19. Member of the selection committee for academic arrangement for contractual Lectures for teaching M.A. Gojri & Pahari, BGSBU, 20.08.2022.
20. Member of the selection committee (Vice Chancellor's nominee) for academic arrangement for Nursing Colleges, BGSBU, 06.01.2022.
21. Member of the committee to deliberate on pending issue of the Polytechnic, BGSBU, 30.12.2021.
22. Member of the committee to deliberate on pending issue pertaining to Pradhan Mantri Kousal Vikas Yojana (PMKVY-T1) Scheme; BGSBU, 09.12.2021.
23. Member of the committee to examine the demands submitted by BGSBU Non-teaching Association, BGSBU, 18.11.2021.

24. Member of the committee to examine the complained submitted by Executive engineer against I/c Assistant Engineer BGSB University, 05.04.2021.
25. Chairman of the committee to examine the case of implementation of reservation policy of the Government/UGC in the University, BGSBU, 30.11.2021.
26. Chairman of the committee to identify and recommend item for procurement for laboratory/office engagements etc under establishment of innovation center (Poonch and Rajouri Colleges) at BGSB University, BGSBU, 08.10.2021.
27. Member of the committee for departmental promotion committee for Accountant to Senior Accountants, BGSBU, 25.10.2021.
28. Member of the committee for implementation of National Education Policy, BGSBU, 06.10.2021.
29. Chairman of the committee to examine the case of unauthorized absence from duty of Mr. Mohd Farooq, Chief Proctor office, BGSBU, 05.11.2022.
30. Member of the committee for examination of the request of contractual employees with regards to wage hike, BGSBU, 06.12.2021.
31. Member of the Enquiry committee to examine the unauthorized absence of Dr. Sajad Ahmed Khan, Assistant Professor, Department of Zoology, BGSBU, 06.12.2021.
32. Chairman of the Departmental Research Committee of the following Schools/ Departments
 - (i) School of Mathematical and Computer Sciences
 - (a) Department of Information Technology
 - (b) Department of Computer Application
 - (c) Department of Mathematical Sciences
 - (ii) School of Material Sciences and Nanotechnology
 - (a) Department of Physics
 - (iii) School of Engineering and Technology
 - (a) Department of Civil Engineering
 - (b) Department of Electrical Engineering
30. Chairman of the Enquiry committee to investigate the incident of alleged manhandling of Dr. Parvez Abdullah by Dr. Aasim Mir Assistant Professor, Department of Management Studies, BGSBU, 16.09.2022.
31. Member of the selection committees/confidential works for various Government Agencies/Institutes such as – UPSC, UPPSC, UKPSC, RPSC, Ministry of Urban Development, SSB AMU, JKPC etc., Ministry of Housing & Urban Alleviation and Ministry of Environment, Forest & Climate Change Gol.
32. Chairman of the committee to Assess the structural survey of the terrace of Department of Physic, JMI and suggest corrective measures.

Service on Committees & Academic Pursuance (Outside Jamia)

1. External examiner for Ph.D. thesis and M. Tech. dissertations

Other's University Responsibility

1. Warden, SRK Boys' Hostel, Jamia Millia Islamia, 2006-2009,

2. Senior Warden, SRK Boys' Hostel and Kellat Hostel, Jamia Millia Islamia, 2009-2011,
3. University Asst. Proctor, Jamia Millia Islamia, 2008-December 2010,
4. **Acting as Provost** (Deputy Provost), MMA Jauhar Hall of Boys Residence, Jamia Millia Islamia, 2019-2020,

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 School 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. "An Experimental Study on Ultra High Performance of Concrete Reinforced with Graphene", Pooja Kaushik (**Awarded April 2024**).
3. "Blast Performance of Masonry and RCC Compression Members", Mohd Shariq, Awarded June 2025.
4. "Behavior of Fly Ash based Geopolymer Concrete under different curing temperature Conditions", Sagar. Paruthi (**Awarded May, 2024**).
5. "Durability of high performance green concrete using RCA and nano additives", Haya Zafar" On progress.
6. Hussain M.A., Husain, A. & Anas S.M. "Exploring the Dynamic and strengthening of Reinforced Concrete Slab under close range explosions", A Bibliometric Analysis, E3S Web of Conference 563, 02015 ICESTE 2024.
7. "Comprehensive Analysis of Mechanical and Microstructural Properties in Concrete Incorporating Alkali-Activated Artificial", Sheela Malik" On progress.
8. "Non-Linear Analysis of R.C. Structure under Extreme Loading", Tabish Ali
9. "To study the behavior of Irregular Building on Sloping Ground under Dynamic Effect", Mohammad Asad.

10. "Numerical Analysis of Biaxial Voided Slab using Different Void Formers and Composite Rebar's", Nitika Jain, Thesis submitted
11. Analysis of an Offshore Jacket Platform Under Sea Waves", Mohammad Qasimuddin.
12. "Innovative Interlocking Solid & Hollow Block System for Earthquake Resistant Construction and Sustainable Habitat", D.P. Singh.
13. "Nonlinear Modeling of Composite Structure-Curved in Plan", Wisam Jasim Hilo.
14. Experimental and Computational Study on Multi-shaped Concrete Filled Tubes of various Configurations
15. Investigation of Effectiveness of Water Treatment Sludge & Nano Material Composites for Structural Applications
16. Experimental Study on Structure Behavior of the Beam Using Ultra High Performance Concrete (UHPC) with Nano Silica and Waste Bottles Cap

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), 2016
4. Effect of Wind Forces in High Rise Building with Shear Wall and Without Shear Wall (Qmar Alam), 2017
5. Recycle and Reuse of Demolished Concrete Waste (Jabbar Ahmed), 2010
6. Seismic Analysis of of Flat Slab Structure Using Finite Element Technique, Nitin Kumar, 2016
7. Pushover Analysis of Multistory Steel Frame (Rigid and Semi Rigid Jointed), Umar Shahab Karimi, 2016
8. Seismic Analysis of Irregular Building in Hilly Region, Divya Yadav, 2016
9. Seismic Analysis of Multistory Building with and without openings in shear wall, Mukta Payasi, 2016
10. Control of Bridge Pier Response Using Base Isolation, Salman Ahmad, 2017.
11. Study of Structural Health Monitoring, Mohammad Asif, 2017
12. Non Linear Time History Analysis Of Building Under Near Field Earthquake, Md Bin Hasan, 2017.
13. Seismic Analysis Of Elevated Water Tank Under Nearfield And Farfield Erthquake, AKBAR BEG, 2018.

14. Seismic Analysis and Control of R.C.C. Chimney Under Nearfield Earthquake, Mohammad Asad, 2018.
15. Seismic Analysis of Irregular RCC Buildings in Hilly Region, 2019 (Md Ajmal Hussain)
16. Response Study Of A RCC Setback Building Frame In Near Field And Far Field Using TMD, 2019 (SYED FAIZ KAMRAN)
17. Study of Metro Vibrations and Effects on Buildings at Different Seeds Using Time History Analysis, 2024 (IKHLAQ AHMAD JAN)
18. To Study the Dynamic Behavior of Rail and Clip at Airport Express Metro Line of DMRC with Different Speeds (Inside Tunnel), 2024 (SALMAN)
19. Analysis of High-Rise Building with and Without Shear Wall under dynamic Load, 2025 (Mohd Amir)
20. Dynamic behavior of Flat slab under seismic load 2025 (Anaab Raza))

Consultancy Experience

1. Concrete Mix Proportioning
2. Structural Design of Buildings and Bridges
3. TPQA Third Party Quality Assurance of Government & other organization projects
4. Structural Design of Sewage Treatment Plants
5. Structural stability analysis, inspection & tests for multi story buildings

AWARDED INNOVATION PATENT

TITLE of INVENTION:

“Composition of a geopolymers concrete mix” Patent Number: 202024102180

NAME of INVENTORS: Asif Husain, Sagar Paruthi, Ibadur Rahman

DATE of PATENT GRANTED: May 6th, 2024

PATENT GRANTED BY: Patent Office, Federal Republic of Germany

PUBLICATIONS:

1. Shariq, M., Anas, S. M., Alam, M., Islam, N., and Hussain, A., (2024). “Dynamic behavior of axially loaded masonry walls strengthened with different innovative techniques under explosion loading” [J]. Materials Today: Proceedings, Elsevier. DOI: [10.1016/j.matpr.2024.05.041](https://doi.org/10.1016/j.matpr.2024.05.041).
2. Shariq, M., Alam, M., and Hussain, A. (2022). “Performance of RCC Column Retrofitted with C-FRP Wrappings and the Wrappings with Steel Angle-Batten Jacketing Under Blast Loading”. In: Nandagiri, L., Narasimhan, M.C., Marathe, S.

(eds) Recent Advances in Civil Engineering, Lecture Notes in Civil Engineering, 256, Springer, Singapore, DOI: 10.1007/978-981-19-1862-9_21.

3. Shariq, M., Akram, S., Alam, M., Anas, S. M., Islam, N., and Hussain, A. (2024). "Blast Performance of Masonry Wall with Opening at Different Locations Under Varying Axial Load". Lecture Notes in Civil Engineering, Vol. 550, Manmohan Dass Goel et al. (Eds): Recent Developments in Structural Engineering, Volume 5, Springer, Singapore. DOI: 10.1007/978-981-97-7043-4.
4. Shariq, M., Tahzeeb, R., Alam, M., Anas, S. M., Islam, N., and Hussain, A. (2024). "Influence of Mortar Strength and Axial Compression on Anti-explosion Performance of Clay Brick Masonry Wall". Lecture Notes in Civil Engineering, Vol. 550, Manmohan Dass Goel et al. (Eds): Recent Developments in Structural Engineering, Volume 5, Springer, Singapore. DOI: 10.1007/978-981-97-7043-4. Article in Press.
5. Hussain, M. A., Husain, A., & Anas, S. M. (2024). Exploring the Dynamics and Strengthening of Reinforced Concrete Slabs against Close-Range Explosions: A Bibliometric Analysis. E3S Web of conferences 563, 02015 ICESTE 2024.
6. Nikita Jain & Dr. Asif Husain 2023. 'Numerical investigation on two way voided slab using ABAQUS with replacement of conventional steel with GFRP reinforcement bars'. Asian Journal of Civil Engineering. Springer. DOI: 10.1007/s42107-023-00762-7.
7. Nikita Jain & Dr. Asif Husain 2023. 'Numerical investigation and cost comparison on voided slab with replacement of conventional steel with GFRP reinforcement bars using FEM for different shapes and spacing of void formers'. Asian Journal of Civil Engineering. Springer. DOI: 10.1007/s42107-023-00889-7.
8. Nikita Jain & Dr. Asif Husain 2023. 'Cost comparison and numerical investigation of voided slab using ABAQUS for different shapes and sizes of void formers with conventional rebar replaced with GFRP rebar'. Asian Journal of Civil Engineering. Springer. DOI: 10.1007/s42107-023-00981-y.
9. Nikita Jain & Dr. Asif Husain(2019). 'Investigation On Biaxial RCC Voided Slab - A Review'. In: National Conference on Innovative world of Structural Engineering. ISBN Proceedings: pp 227-234.
10. Nikita Jain & Dr. Asif Husain 2024. 'Analytical investigation and cost comparison on voided slab using ABAQUS'. Asian Journal of Civil Engineering. Springer. DOI: 10.1007/s42107-024-01035-7.
11. Dr. Asif Husain & Nikita Jain 2024. 'Dangerous failure zone of Bi-axial Voided Slab'. Asian Journal of Civil Engineering. Springer. DOI: 10.1007/s42107-024-01050-8.

12. Nikita Jain & Dr. Asif Husain 2021. 'Numerical Analysis on Voided Slab with Different Reinforcement on ANSYS 2020R1'. In: 1st International Conference on Construction Materials and Environment. Lecture Notes on Civil Engineering. Volume 196. pp. 501- 515.
13. Nikita Jain & Dr. Asif Husain 2024. 'Comparison of Results evaluated for Analytical Investigation and Cost Comparison of Voided Slab using ABAQUS'. In: International Conference on Emerging Innovative Research with Industry 5.0 in Technology, Engineering, Management and Social Sciences. ISBN Proceedings.
14. Paruthi, S., Rahman, I., & Husain, A. (2023). Comparative studies of different machine learning algorithms in predicting the compressive strength of geopolymer concrete. *Computers and Concrete*, 12(6), 607-618.
15. Paruthi, S., Rahman, I., Husain, A., Khan, A. H., Manea-Saghin, A.-M., & Sabi, E. (2023). A comprehensive review of nano materials in geopolymer concrete: Impact on properties and performance. *Developments in the Built Environment*, 16, 100287.
16. Paruthi, S., Rahman, I., & Husain, A. (2023). Utilizing ANFIS for strength characteristics forecasting in variable heat-cured geopolymer composites. *Materials Today: Proceedings*, 78, 541-548.
17. Paruthi, S.; Rahman, I.; Husain, A.; Hasan, M.A.; Khan, A.H. Effects of Chemicals Exposure on the Durability of Geopolymer Concrete Incorporated with Silica Fumes and Nano-Sized Silica at Varying Curing Temperatures. *Materials* 2023, 16, 1234.
18. Kaushik, P., Hussain, A., Mehmood, G., & Aggarwal, K. (2024). Graphene-Modified Concrete: An Analysis of Split Tensile Strength Enhancement. *Journal of Materials in Civil Engineering*, 36(5)
19. Kaushik, P., Hassan, O. U., & Hussain, A. (2024). Impact of graphene insertion on the workability of concrete. *International Journal of Civil, Structural, Environmental, and Infrastructure Engineering Research and Development (IJCSEIERD)*, 14(1), 9–18.
20. Asif Husain, Ravi Sharma, DK Sehgal, "Small Punch and Indentation Tests for Structural Health Monitoring", *Procedia Engineering*, Elsevier, 2017, vol. 173, pp. 710-717.
21. Mohd Shariq, Mehtab Alam, Asif Husain & S. M. Anas, "Jacketing with steel angle sections and wide battens of RC column and its influence on blast performance", *Asian Journal of Civil Engineering, Springer*, volume 23, pages 487–500 (2022).

22. Mohd Shariq, Mehtab Alam, Asif Husain, S. M. Anas, Nazrul Islam “Performance Enhancement of Square Reinforced Concrete Column Carrying Axial Compression by (1) C-FRP Wrapping, and (2) Steel Angle System under Air-blast Loading”, International Journal of Computational Materials Science and Surface Engineering . January 2022, 11(2):99, DOI:[10.1504/IJCMSSE.2022.127974](https://doi.org/10.1504/IJCMSSE.2022.127974)

23. Mohd Shariq, Mehtab Alam, Asif Husain, Mirza Aamir Baig, Performance prediction of axially loaded unreinforced masonry wall strengthened with (1) cement-mortar plaster, (2) Ferro-cement, and (3) C-FRP laminate, under blast loading International Journal of Masonry Research and Innovation April 2023, DOI: [10.1504/IJMRI.2023.10055673](https://doi.org/10.1504/IJMRI.2023.10055673)

24. Mohd Shariq, Mehtab Alam, Asif Husain, Nazrul Islam, S. M. Anas “Blast response Prediction unreinforced masonry wall with varying strength and axial load”, International Journal of Research and Innovation, Inderscience Enterprises October 2022, DOI: 10.1504/IJMRI.2022.10051480.

25. Mohd Shariq, Mehtab Alam, Asif Husain, Nazrul Islam, “Response of strengthened unreinforced brick masonry wall with (1) mild steel wire mesh and (2) CFRP wrapping, under close-in blast”, Materials Today: Proceedings, Elsevier, [Lecture Notes in Civil Engineering](#) book series (LNCE, volume 256), 2022.

26. Sagar Paruthi, Asif Husain, Pervez Alam, Afzal Husain Khan, Mohd Abul Hasan, Hassan, M. Magbool. “A Review on Material Mix Proportion And Strength Influence Parameters of Geopolymer Concrete: Application of ANN model for GPC strength prediction”. Construction and Building Materials [Volume 356](#), 21 November 2022.

27. Puja Kaushik, Asif Husain, Gauher Mahmood, ‘ Innovative Idea to Enhance the Strength of Concrete using Nanomaterial Graphene Oxides (GO)’, Vth International Conference on Research, Analyze, Communicate and Evaluate, Dolphin (PG) College of Science & Agriculture, Chunni Kalan, Punjab, India, July 02, 2022.

28. Tabasum Mirza, Malik Mubasher Hasan & Asif Husain, ‘Effectiveness of Trainings during COVID-19 Pandemic through Online Mode: A case Study of District Rajpuri (J&k)’, Chapter-9, Education Scenario During COVID-19 Pandemic, Raghav Publication, 2021, ISBN 978-93-85679-13-1, pp 85-97.

29. Nitika Jain and Asif Husain. “Numerical Analysis on Different Void Formers on ANSYS”, International Conference on Community based Research and Innovations in Civil Engineering (CBRICE), March 18-19, 2021, IOP Conference Series Earth and Environmental Science, SCI 796 011001, pp. 1-15.

30. Mohammad Kasim and Asif Husain, “Non-Linear Seismic Analysis of RC Setback Frame Structure”, International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES) Impact Factor: 5.22 (SJIF-2017), e-ISSN: 2455-2585 Volume 5, Issue 05, May-2019, pp. 1124-1132.

31. Nitika Jain and Asif Husain. “Punching Shear Strength of Slabs”, Shodh Sarita, UGC Care Listed Journal, ISSN – 2348-2397 International Bilingual PEER Reviewed Refereed Research Journal, vol. 8 29, January to March, 2021, pp. 214-214.
32. 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.
33. 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.
34. Asif Husain, “Structural Health Monitoring Using Wavelet Transform”, Proceeding of National conference on Advance in structural Technologies, Deaprtment of civil engineering, NIT Silcher, ASSAM, Feb 1 to 3, 2019, pp. 824-832.
35. Adnan Hussain, Asif Husain, and Md. Imteyaz Ansari “ Vulnerability Assessment of a Reinforced Concrete Building Frame” Springer Nature Singapore Pte Ltd. 2020, Smart Cities-Opprtunities and Challenges, pp. 683-692.
36. Pooja Kaushik, Asif Hussain, Gauhar Mehmood, “ Ultra High Performance Behavior of Concrete by Adding Macro, Micro and Nano Fibers: A Review “ Pensee International Journal, Voulume 51-2021, Issue 1, ISSN. 0031-4773, ppt. 972-988.
37. Mir F. Akhter, F. Azam, Asif Husain, “Comparative Study on Effect of Fly Ash and Rice Husk Ash on Strength of Concrete”. International Journal of Trend in scientific Research & Development (IJTSRD), Vol. No. 2, Issue No. 05,ISSN No. 2456-6470, July-Augst, 2018, pp. 1803 – 1813.
38. Asif Husain, Adnan Husaain, Jabbar Ahmed & Abdul Mujeeb, “Vulnerability Assessment of a Reinforced Concrete Building” International Journal of Advance Research in Science & Engineering (IJRASE), Vol. No. 07, Issue No. 01, February 2018, pp. 421 - 429.
39. Mukta Payasi and Asif Husain, ‘Pushover Analysis of Multistory Building with shear wall and without shear wall”, Proceedings of the International Conference and Exhibition on Buildings Utilities, Department of Mechanical Engineering, JMI New Delhi, December 2016, pp. 287 -294.
40. 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.

41. Abid Hussain Malik, , F. Azam, Asif Husain, "Experimental Investigation on the Properties of Concrete with Plastic Pet Bottle Fibers as Partial Replacement of Fine Aggregates", International Journal of Trend in scientific Research & Development (IJTSRD), Vol. No. 2, Issue No. 05,ISSN No. 2456-6470, July-Augst, 2018, pp. 1878 – 1884.
42. Sameera Ahmad, G. Mahmood and A. Husain, "Liquefaction Analysis of Soil Along Yamuna Plain, By SPT And CPT Methods", Proceedings of the International Conference and Exhibition on Buildings Utilities, Department of Mechanical Engineering, JMI New Delhi, December 2016, pp. 295 – 306.
43. NITIN KUMAR and ASIF HUSAIN, "Push over Analysis of Flat Slab Structure", Proceedings of the International Conference and Exhibition on Buildings Utilities, Department of Mechanical Engineering, JMI New Delhi, December 2016, pp 337 – 346.
44. Asif Husain and Mohammad Mustaqueem Uddin, "Seismic Analysis Of T- Beam Bridge Using Finite Element Method" International Journal of civil engineering, & concrete structures, ISSN: 2455-7714, VOL. 1, ISSUE 1, April 2016, pp. 29- 37.
45. Asif Husain, Vikash Kumar and D. K. Sehgal, "Structural Helth Monitering By Improve Tension Type Miniaturized Specimen Test And Finite Element Technique", Proceedings of the International Conference and Exhibition on Buildings Utilities, Department of Mechanical Engineering, JMI New Delhi, December 2016, pp.249 – 262.
46. Asif Husain, Jabbar Ahmed, Abdul Mujeeb, 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.
47. Asif Husain, Jabbar Ahmed, Abdul Mujeeb, Rafia, Nihal, "Intelligent Transport System", International Journal of advance research in science & Engineering (IJRASE), Vol. No. 5, Issue No. 08, August, 2016, pp. 33 - 42.
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51. 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: 2349-7610, pp. 74-90.
52. 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.
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54. 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..
55. 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.
56. A. Ahmed, Asif Husain & M. Alam , "*Retrofitting of Historical Masonry Building*," International Conference on Advances in Engineering and Technology (ICAET 2013), 2013.
57. 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.
58. 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.
59. 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.
60. 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.

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62. 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.
63. 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.
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65. 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.
66. 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.
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68. 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.
69. 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.

70. 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.

71. 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.

72. 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.

73. 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.

74. 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.

75. 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.

76. 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.

77. 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.

78. 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.

79. 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.

80. 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.
81. 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 Africa pp. 13-19.
82. 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.
83. 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.
84. 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.
85. 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.
86. 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.
87. Asif Husain, Iqbal H. Khan and Sirajuddin Ahmad "Sustainable Development of Construction Industry by Use of Treated Municipal Waste Water" International Conference on Environmental Management (ICEM), University of Wollongong, Australia (1998)
88. Asif Husain, Iqbal H. Khan and Sirajuddin Ahmad "Design of Road Intersections Signal for Impairment of Vehicular Pollution" Published in National Conference on Delhi Transportation System In 21st Century, New Delhi 1997.
89. 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.

90. 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.
91. Asif Husain, Iqbal H. Khan and Sirajuddin Ahmad "Mass Scale Utilization of Flyash" Report submitted to UGC (1995).
92. 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:

1. Strength of Materials
2. Structural Analysis I
3. Structural Analysis II
4. Structural Analysis III
5. Finite Element Method
6. Theory of structure
7. Design of Concrete Structures
8. Earthquake Engineering
9. Engineering Materials
10. Soil Mechanics
11. Elements of Civil Engineering
12. Solid Mechanics
13. Reliability Analysis
14. Theory of Elasticity
15. Numerical Analysis and Computer Programming
16. Computational Methods and Software Applications

Laboratory

1. Strength of Solid Mechanics Laboratory
2. Structural Analysis Laboratory
3. Concrete and Civil Engineering Materials Laboratory
4. Structural Dynamics Laboratory

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, SAP2000, ETAB. EXCEL etc

Spread Sheets Excel, Lotus 1-2-3, Quattro-Pro

Word Processors MS-Word, PageMaker, WordStar, Soft word, 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:

Life Member, Indian Society of Theoretical and Applied Mechanics, India

Member of Academic Council, Jamia Millia Islamia, N. Delhi, India

Senior Executive Member of JTA, Jamia Millia Islamia, N. Delhi, India

Member of Faculty Committee, (2004 – 2007, 2017- till date), Faculty of Engg. & Technology, Jamia Millia Islamia, N. Delhi

Member of Board of Studies, Civil Engineering Department, Faculty of Engg. & Technology, Jamia Millia Islamia, N. Delhi, India

Life Member, Indian Society of Environmental Management, India

Member of Board of Studies, Computer Engineering Department, Faculty of Engg. & Technology, Jamia Millia Islamia, N. Delhi, India

Life Member, Indian Society for Technical Education, India

SEMINAR, SYMPOSIA AND WORKSHOPS ATTENDED:

1. One-week workshop on Educational Technology (July 25-31, 1995), New Delhi.
2. One-day workshop on Environmental Problems of Mega City (Dec. 9, 1995) New Delhi.
3. Awareness Workshop on Natural Disaster, Sep. 1-2, 1999, New Delhi.
4. Workshop on Disaster Management, organized by IIPA, Delhi and JMI Delhi, 28-30 September 2000.
5. 8th International Symposium on Plasticity and Impact Mechanics (IMPLAST-2003), organized by IIT, Delhi at Vigyan Bhavan, New Delhi, March 16-19 2003.
6. National Workshop on National Programme on Earthquake Engineering Education, (NPEEE) at Indian Institute of Technology, Delhi, April 5th 2003.
7. 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.
8. The 9th International Conference on the Mechanical Behaviour of Materials at Palexpo Congress Center, Geneva, Switzerland, May 25-26, 2003.
9. National symposium on large deformation, organized by IIT, Delhi at India International Center, New Delhi, September 1, 2002.

10. The 47th Congress of Indian Society of Theoretical and Applied Mechanics ISTAM, (An International Meet), India Institute of Technology, Guwahati, December 23-26, 2002.
11. International Conference on New Challenges for Civil Engineers in the 21st Century, March 1996, New Delhi.
12. INCARF'96, International Conference on CAD, CAM, Automation, Robotics and Factories of Future (Dec 17-20, 1996), New Delhi.
13. Seminar on Science and Technology –21st Century Challenges (ST200), 1998, New Delhi.
14. International Conference on Environmental Challenges for the New Millennium”, November 1999, New Delhi.
15. International Conference organized by American Society of Mechanical Engineers and Bangladesh Mechanical Engineers at Dhaka, Dec. 31 2001-Jan 2 2002.
16. 17th National Convention of Mechanical Engineers, Organized by The Institution of Engineers (India), Indore Center, Nov. 26-27, 2001, Indore.
17. 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.
18. Short Term Training Programme on “Combustion Generated Pollution” sponsored by AICTE/ISTE, Department of Mechanical Engineering, JMI, N. Delhi, March 18-29, 2004.
19. Review Workshop on Resource Material in Earthquake Engineering, NPEEE, Indian Institute of Technology Kanpur, 26-30 April 2004.
20. 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.
21. UGC Sponsored 72nd Four-Week Orientation Programme, Academic Staff College, JMI, N. Delhi, April 13th to 11th May 2005.
22. 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.
23. 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.
24. International Conference on Environmental Sustainability with Green Building Technology, 15-17 March, 2010, Dept. of Civil Engg., Meenakshi Sundarajan Engineering, College, Chennai, India

25. 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.
26. International Conference and Exhibition on Buildings Utilities, Department of Mechanical Engineering, JMI New Delhi, December 2016, pp. 287 -294.
27. All India Work Shop on Extreme Loading on Structures” 26 & 27 October, 2017 at Roorkee, organizing by Department of Civil Engineering, IIT Roorkee and Central Building Research Institute.
28. One day Work Shop on Seismic Vulnerability of Structures on 10th March 2018, organized by Department of Civil Engineering, Jamia Millia Islamia, New Delhi.
29. International Conference on New Horizons in Science, Engineering, Management and Humanities, held on 16th February 2018, organised by IIMT College of Engineering, Greater Noida, India
30. International Seminar on Water Pollution and Health held on 27-28 July 2017, by Department of Civil Engineering, Jamia Millia Islamia, New Delhi.
31. National Conference on Recent Trends in Engineering, Science & Management “NCRTESM 2017” and also Chair the Technical Session-III on 19th April 2017, Shri Ram College of Engineering & Management, Palwal, Haryana.
32. International Conference on Emerging Trends in Engineering, Technology, Science & Management, held on 12th April 2017, organised by IIMT College of Engineering, Greater Noida, India
33. 6th International Conference on Recent Innovations in Science, Engineering and Management, organised by IIMT College of Engineering, Greater Noida, India, held on 20th August 2016.
34. First International Conference on Advanced Materials for Power Engineering (ICAMPE-2015), December 2015 at Mahatma Gandhi University, Kottayam, Kerala, India.
35. National conference on Advance in structural Technologies, Department of civil engineering, NIT Silcher, ASSAM, Feb 1 to 3, 2019.
36. Convener, Department of civil engineering International Seminar on “Application of Reliability and Risk Analysis to Civil Engineering and Beyond” January 2019, Department of civil engineering, JMI
37. Track In-Charge International Conference on “Smart Cities Opportunities & Challenges” March 2019, Department of Civil Engineering, JMI
38. Member Organizing Committee, 6th International Conference on “Emerging Technologies: Micro to Nano ETMN-2024” Department of Electrical Engineering, JMI
39. Member Organizing Committee, 14th International Symposium on “Plasticity and Impact Mechanics IMPLAST-2025” Department of Civil Engineering, IIT Roorkee

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 Mesh less & 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:

1. Structural consultant of Jamia Millia Islamia, for checking the design of New MCRC Block.
2. Grand Masjid Al-Haram, King Abdullah bin Abdul Aziz Al-Haram Extension Construction Project (2011-2014), Makkah Al-Mukkarama, Kingdom of Saudi Arabia,
3. Third Party Quality Control checking for Up-gradation / Maintenance work of Road, Drains, Culvers and Buildings in Industrial Areas UPSIDC, PWD DELHI, CPWD etc
4. Structural consultant of Jamia Millia Islamia, for checking the design of Workshop Block of Faculty of Engineering Technology, JMI.
5. 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.
6. One of structural consultant for the conservation and retrofitting of Jamia School Hostel Building.
7. Concrete Mix Design of M25, M30, M35, M40 etc. for various projects in Jamia and for DDA, MCD, Rites and other construction Industries.
8. Miscellaneous consultancy projects of various agency government and public sectors are running or completed.

MISCILLENEOUS:

1. Member of Technical Committee, of the Grand Masjid Al-Haram, King Abdullahbin Abdul Aziz Al-Haram Extension Construction Project (2011-2014), Makkah Al-Mukkarama, Kingdom of Saudi Arabia,
2. Member of Surveys and Exit Interviews Committee of civil Engineering department of Engineering and Islamic Architecture, Umm Al-Qura University, Makkah.KSA (2011-2014);
3. Executive Member of JTA, (2018-2020), Jamia Millia Islamia, New Delhi
4. Senior Warden of the University SRK Hostel, Jamia Millia Islamia, N. Delhi, since 16.7.2005 to 2011.
5. Advisor of Interview Board, Staff Selection Commission, Government of India, 2009 and 2010.
6. Faculty In-charge of Structural Analysis Laboratory, 2014 - till date.
7. Assistant Proctor, University Sector, Jamia Millia Islamia, N. Delhi, since 2007 to 2009.
8. Member, Purchase Committee of Hrayna Wakf Board Mewat Engineering College, Haryana (2009-2011)
9. Member, Building Committee of Haryana Waqf Board Mewat Engineering College, Haryana (2009-2011)
10. Treasurer, Jamia Engineering Alumni Association, JMI, India, 2000-2011.
11. Tabulator for preparation and declaration of results of the Annual Examination of B. TECH. (CIVIL) 2005-2011.
12. Elected Member of Academic Council Jamia Millia Islamia, New Delhi, (2006-2009),
13. Elected Senior Executive Member of Jamia Teacher's Association, (2006-2010), Jamia Millia Islamia, New Delhi
14. Tabulator for preparation and declaration of results of the Annual Examination of B.Tech. (Civil) 2005-2006.
15. Assignment of Assistant Project Officer For Community Polytechnic, JMI, 1997 to 1999.
16. Tabulator for preparation and declaration of results of the Annual Examination of B.E. 1999-2000.
17. Prepared syllabus for B. Tech. I, II, III, and IV year and Part time Diploma courses.

18. In-charge of Transportation Engineering Laboratory, 1998-2002, 2003-04.
19. In-charge of Soil Mechanics Laboratory, 2003-2004.
20. In-charge of Materials Engineering Laboratory, 2004-Till date.
21. Treasurer, Jamia Engg. Alumni Association (Regd.), New Delhi.
22. Tabulator for preparation and declaration of results of the Annual Examination of B.E. 2004-2005.

REFEREES:

1. Prof. Mohammad Shakeel, Former Head and Dean, Faculty of Engineering and Technology, Jamia Millia Islamia, N. Delhi.
2. Prof. Javed Mussarrat, Former Vice Chancellor, Baba Ghulam Shah Badshah University, Rajouri J&K, INDIA and the Vice Chancellor, Integral University, Lucknow.
3. Prof. Syed Tabish Ali, Professor of Practice Dept. of Civil Engineering, Indian Institute of Technology, Delhi. N. Delhi.
4. Dr. D. K. Sehgal, Professor, Dept. of Applied Mechanics, Indian Institute of Technology, Delhi.
5. Dr. M. Ashraf Iqbal, Professor, Department of Civil Engineering, Indian Institute of Technology, Roorkee.
6. Prof. Md. Mahtab Alam Rizvi, Registrar, Jamia Millia Islamia, N. Delhi
7. Prof. Mazher Asif, Vice Chancellor, Jamia Millia Islamia, N. Delhi

Sd/-

(Prof. (Dr.) ASIF HUSAIN)