

Dr. Mehtab Alam

Professor

Office Address:

Department of Civil Engineering,

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Administrative Positions

February 2020 onwards	Dean, Students' Welfare Jamia Millia Islamia, New Delhi – 110 025
July 2014 to June 2017	Chief Proctor, Jamia Millia Islamia, New Delhi – 110025
July, 2016 to June 2019	Dean, Faculty of Engineering & Technology Jamia Millia Islamia, New Delhi-110025
May 2019 to Feb 2020	Advisor to Vice-Chancellor Jamia Millia Islamia, New Delhi – 110025
August, 2010 –July 2013	Head, Department of Civil Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi 10025, India
July 2000 to December 2004	Proctor, Jamia Millia Islamia, New Delhi – 110025
August, 2000 onwards	Professor, Department of Civil Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia, Jamia Nagar, New Delhi 110025, India
January 1996 to August 2000	Reader (selection grade), Department of Civil Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia, Jamia Nagar, New Delhi, 110025, India
August 1992 to January 1996	Reader, Department of Civil Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia, Jamia Nagar, New Delhi 110025, India
November 1991 to August 1992	Senior Lecturer, Department of Civil Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia, Jamia Nagar, New Delhi 110025, India
November 1985 to November 1991	Lecturer, Department of Civil Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia, Jamia Nagar, New Delhi 110025, India

Educational Qualifications

1999	Ph. D.*	IIT Delhi, INDIA
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1990 M. Tech. IIT Delhi, INDIA
 1985 B. Sc. Engng.(Civil) AMU Aligarh, UP, INDIA
 * Ph. D. topic: “QUASI-STATIC AND DROP HAMMER LOADING OF PLAIN AND SKIN REINFORCED CONCRETE PLATES”

Fellowship & Membership

- Life Member ISET (Indian Society of Earthquake Technology), IIT Roorkee, India
- Life Member ISTE (Indian Society of Technical Education), India
- Life Member Ferro cement Society of India

Service on University and Department Committees

1. Member of the Technical committee for “Special Repairs to TTI building”, JMI, 1999,
2. Member of the Technical committee "Strength Assessment" of burnt NCC office near administrative block, JMI, 2000,
3. Warden, SRK Boys’ Hostel, Jamia Millia Islamia, 1992-1993,
4. Senior Warden, SRK Boys’ Hostel, Jamia Millia Islamia, 1993-1995,
5. University Proctor, Jamia Millia Islamia, July 2000-December 2004,
6. Chairman Technical Committee, Building and Construction Department, Jamia Millia Islamia, 2004-2007,
7. Professor Incharge, Building and Construction Department, Jamia Millia Islamia, 2007-2009,
8. Coordinator M. Tech. Earthquake Engg. Programme, 2010 to 2017.

Service on Committees & Academic Pursuance (Outside Jamia)

1. Member of the expert committee of All India Council for Technical Education (AICTE) for granting approval to different B. Tech., and M. Tech. Courses and accreditation of Engineering Colleges.
2. Expert Committee Member NBA Accreditation of B. Tech and M. Tech Civil Engineering programmes
3. External examiner for Ph. D. theses and M. Tech. dissertations.
4. Expert Member, Doctoral Research Committee (DRC) of the Department of Building Engineering and Management since 2012.

Contribution to department of Civil Engineering

1. Established the Strength of Material Laboratory in 1986.
2. Established the Structural Mechanics Laboratory in 1986.
3. Established the Concrete Laboratory in 1986.
4. Established Structural Dynamics Laboratory, 2012.

Teaching Experience

Taught the following courses at UG & PG level

Theory

1. Elements of Civil Engineering
2. Structural Analysis I
3. Structural Analysis II
4. Design of Concrete Structures I
5. Advance Structural Design

6. Advance Structural Analysis
7. Advance foundation Engineering
8. Finite Element Method
9. Earthquake Resistant Design of Structure
10. Advance Structural Analysis
11. Advance RCC design
12. Earthquake Assistant Design

Laboratory

1. Strength of Material Laboratory
2. Structural Mechanics Laboratory
3. Concrete Laboratory
4. Structural Dynamics Laboratory

Projects Supervised (M. Tech.)

1. Analysis of Salinity Hazard in Parts of Delhi
2. A Study on Recycle and Reuse of Demolished Concrete Waste
3. Recycle of Demolished High strength Concrete Waste
4. Analysis of Twelve Storey Symmetric Building with mass and Stiffness Irregularity
5. Seismic Analysis and Design of Silos employed in Power Plants and Cement Plant using Indian Code
6. Comparison of Seismic Provisions in Different Codes
7. Response of Flat Slab Structure under Seismic Load
8. Design of Silos
9. Linear and Non Linear Analysis of Frames with Shear Walls and Bracings
10. Utilization of PELLET coarse aggregate in concrete
11. Damage Evaluation RCC Structure
12. Response of Single Span RC Bridge under Blast Loading

Research Experience

Major Area: Structures, Impact Mechanics and Recycling of demolished Concrete Waste, Earthquake Disaster and Crisis management, Earthquake Engineering, Blast Loading on Structure

Ph. D. SUPERVISION

1. "Study of Earthquake Disaster and its Crisis Management Operation in Esfahan, Central Iran, Using Remote Sensing and GIS Application", Awarded
2. "Improvement of Flexural and Shear Capacity of Beam using, Fibre Reinforced Polymer" Awarded
3. "Seismic Response and Stability Analysis of Articulated Tower", Awarded,

4. "Dynamic and Reliability Analysis of a Double Pendulum Articulated Tower", Awarded
5. "Seismic and Wind Loading Response on Various Support Options of Cooling Tower"- Awarded
6. "Study on Water Treatment Sludge Reuse-options and Opportunities"- Submitted
7. "Behaviour of a Structure under Second Episode of Earthquake" (Submitted)
8. "Performance Based Retrofitting of Damaged Steel Frames under Earthquake" On Progress
9. "Effect of Alkali Resistant Glass Fibre on Performance of Cement Concrete-An experimental Investigation" On Progress
10. "Blast Effects and Blast Loading on Structures" On Progress
11. "Study on Viability of Municipal Solid Waste as Building Material" On Progress
12. "Optimal Active and Hybrid Control Mechanisms for Seismically Excited Buildings" On Progress
13. "Walls, their performance the different blast scenario" On progress
14. "Blast performance of steel and composite compression members" On progress
15. "Blast performance of masonry and RCC compression members" On progress

Consultancy Experience

1. Concrete Mix proportioning
2. Structural Design of Buildings and Bridges

International/National Conferences/Symposia Organised

1. An International Conference on "New Challenges for Civil Engineers of Developing Countries in the 21st Century -NCCDC 96", Feb. 29, March 1-2,1996, Department of Civil Engineering
2. A Seminar on "Science & Technology -21st Century Challenges", March 21, 1998.
3. An International Conference on "Industrial and Applied Mathematics" 4-6 December, 2004
4. A Seminar on "Seismic Assessment and Safety of structures" 13 March-2011

Conferences/Symposia Attended

1. Course on "Seismic Analysis and Design of Tall Buildings" from 22.6.1987 to 05.6.1987 in the Deptt. of Earthquake Engineering, University of Roorkee
2. Lecture series on "Impact Mechanics" organized by Applied Mechanics Deptt at IIT Delhi, December 1990.
3. Workshop on "Design on Finite Element Method" from 13.11.1991 to 15.11.1991 at Civil Engg. Deptt.IIT Delhi.
4. International Conference on "New Challenges for Civil Engineers of Developing Countries in the 21st Century (NCCDC-96)" held at Jamia Millia Islamia, Jamia Nagar New Delhi during Feb 29-March1&2, 1996.
5. Training Workshop on "Seismic Design of Shear Wall Building" 25.6.2004 conducted by UNDP Disaster Management Programme Government of India

- 6 Six weeks training module on “Seismic Risk Management of Structures” organized by Department of Civil Engineering through Industrial Research and Development at II Delhi under NPCBEERM.

AWARDED INNOVATION PATENT:

TITLE of INVENTION:

“A Method for Recovery of Coagulants from Water Treatment System (WTS) and Reuse of the Recovered Coagulants for Water Treatment” Patent Number: 20211606024

NAME of INVENTORS: Tarique Ahmad, Kafeel Ahmad, Mehtab Alam

DATE of PATENT GRANTED: November 3, 2021

PATENT GRANTED BY: Patent Office, Common Wealth of Australia, Australian Government, IP Australia

RESEARCH PUBLICATIONS

1. [Behavior of Ordinary Load-Bearing Masonry Structure Under Distant Large Explosion, Beirut Scenario](#), Mehtab Alam, SM Anas, Resilient Infrastructure, 239-253, 2021
2. [Out-of-plane Response of Clay Brick Unreinforced and Strengthened Masonry Walls Under Explosive-induced Air-blast Loading](#), SM Anas, Mehtab Alam, M Umair, Resilient Infrastructure, 477-491, 2021
3. [Air-blast and ground shockwave parameters, shallow underground blasting, on the ground and buried shallow underground blast-resistant shelters: A review](#), MU Mehtab Alam, SM Anas, International Journal of Protective Structures, 2021
4. [Influence of Charge Locations on Close-in Air-blast Response of Pre-tensioned Concrete U-girder](#), MU, S. M. Anas, Mehtab Alam, Resilient Infrastructure 202, 513-527, 2021
5. [Out-of-plane Response of Clay Brick Unreinforced and Strengthened Masonry Walls Under Explosive-induced Air-blast Loading](#), MU, S. M. Anas, Mehtab Alam, Resilient Infrastructure 202, 477-491, 2021
6. [Blast Performance of RCC Slab and Influence of Its Design Parameters](#), Emal Ahmadi, Mehtab Alam, Resilient Infrastructure 202, 389-402, 2021
7. [Behavior of Ordinary Load-Bearing Masonry Structure Under Distant Large Explosion, Beirut Scenario](#) Authors Authors and affiliations, SMA Qurat ul Ain, Mehtab Alam, Resilient Infrastructure 202, 239-253, 2021
8. [Influence of Mass Irregularity on the Response of RC Frame with Stiffness Irregularity by Non-linear Time History Analysis](#), TKD Athar Tauheed, Mehtab Alam, Recent Advances in Earthquake Engineering. Lecture Notes in Civil ..., 2021

9. [Seismic Control of Structures with Mass Irregularities Through Optimally Placed Active Tendons Using Multi-objective Genetic Algorithm](#), FR, Mehtab Alam, Recent Advances in Earthquake Engineering. Lecture Notes in Civil ..., 2021
10. [Performance of on-ground double-roof RCC shelter with energy absorption layers under close-in air-blast loading](#), SM Anas, Mehtab Alam, M Umair, Asian Journal of Civil Engineering, 1-25, 2021
11. [Seismic performance of RC frames under sequential ground motion](#), Athar Tauheed, Mehtab Alam, Asian Journal of Civil Engineering, 1-14, 2021
12. [Air-Blast Response of Free-Standing: \(1\) Unreinforced Brick Masonry Wall, \(2\) Cavity RC Wall, \(3\) RC Walls with \(i\) Bricks, \(ii\) Sand, in the cavity: A Macro-Modeling Approach](#), SMA, Mehtab Alam, Proceedings of SECON'21. SECON 2021. Lecture Notes in Civil Engineering, 171, 2021
13. [Comparison of existing empirical equations for blast peak positive overpressure from spherical free air and hemispherical surface bursts](#), SM Anas, Mehtab Alam, Iranian Journal of Science and Technology, Transactions of Civil Engineering ..., 2021
14. [SPATIO-TEMPORAL ANALYSIS OF RAINFALL VARIABILITY FOR DISTRICTS OF NCT DELHI](#), SA M I Ansari, Quamrul Hassan, L N Thakural, Mehtab Alam, The Journal of Oriental research Madras, 28-48, 2021
15. [Effect of polycarboxylate ether-based superplasticizer dosage on fresh and hardened properties of cement concrete](#), A Paktiawal, Mehtab Alam, IOP Conference Series: Materials Science and Engineering 1166 (1), 012013, 2021
16. [Experimental evaluation of sorptivity for high strength concrete reinforced with zirconia rich glass fiber and basalt fiber](#), A Paktiawal, Mehtab Alam, Materials Today: Proceedings, 2021
17. [Experimental and numerical investigations on performance of reinforced concrete slabs under explosive-induced air-blast loading: A state-of-the-art review](#), MU SM Anas, Mehtab Alam, Structures 31, 428-461, 2021
18. [Air-blast response of free-standing:\(1\) Unreinforced brick masonry wall,\(2\) Cavity RC wall,\(3\) RC walls with \(i\) Bricks,\(ii\) Sand, in the cavity: a macro-modeling approach](#), SM Anas, Mehtab Alam, International Conference on Structural Engineering and Construction ..., 2021
19. [Damage Evaluation of Reinforced Concrete Bridge Subjected to Blast Loading](#), RUN Dar, Mehtab Alam, Recent Advances in Structural Engineering: Select Proceedings of NCRASE 2020 ..., 2021
20. [Active Seismic Control Of Structures Using Pole Placement Technique](#), F Rather, Mehtab Alam, Recent Advances in Structural Engineering: Select Proceedings of NCRASE 2020 ...2021
21. [Performance of RC Frames with Stiffness Irregularity Under Sequential Ground Motion](#), TKD Athar Tauheed ,Mehtab Alam, Lecture Notes in Civil Engineering book series (LNCE, volume 135 ..., 2021

22. [Use of Wood Pellet Combustion Aggregate as Partial Replacement of Natural Coarse Aggregate in Standard Cement Concrete](#), Mehtab Alam, Ajmal Paktiawal, Asma Irshad, Springer: Lecture Notes in Civil Engineering 124 (Chapter), 677-689, 2021
23. [Effect of polycarboxylate based superplasticizer dosage on the fresh and hardened properties of high strength cement concrete](#), A Paktiawal, Mehtab Alam, Material Science and Engineering, 2021
24. [Alkali Resistant Glass Fiber High Strength Concrete and its Durability Parameters](#), A Paktiawal, Mehtab Alam, Materials Today: Proceedings, 2021
25. [A study of age effect through NDT and crushing strength of concrete with different industrial wastes under loading and unloading conditions](#), A Paktiawal, Mehtab Alam, Materials Today: Proceedings, 2021
26. [An experimental study on effect of aluminum composite panel waste on performance of cement concrete](#), A Paktiawal, Mehtab Alam, Ain Shams Engineering Journal 12 (1), 83-98, 2021
27. [A study on existing masonry heritage building to explosive-induced blast loading and its response](#), SM Anas, MI Ansari, Mehtab Alam, International Journal of Structural Engineering 11 (4), 387-412, 2021
28. [Seismic Control of Structures with Mass Irregularities Through Optimally Placed Active Tendons Using Multi-objective Genetic Algorithm](#), F Rather, Mehtab Alam, Recent Advances in Earthquake Engineering, 357-370, 2021
29. [Influence of Mass Irregularity on the Response of RC Frame with Stiffness Irregularity by Non-linear Time History Analysis](#), A Tauheed, Mehtab Alam, TK Datta, Recent Advances in Earthquake Engineering, 135-159, 2021
30. [Performance of simply supported concrete beams reinforced with high-strength polymer re-bars under blast-induced impulsive loading](#), SM Anas, Mehtab Alam, Int J Structural Eng (Article in press), 2021
31. [Performance of one-way concrete slabs reinforced with conventional and polymer re-bars under air-blast loading](#), SM Anas, Mehtab Alam, M Umair, Recent advances in structural engineering, 179-191
32. [Active seismic control strategy for comparable simultaneous reductions of more than one response](#), FR Mehtab Alam, Asian Journal of Civil Engineering, 1-12, 2021
33. [Simultaneous modelling of coagulant recovery and reuse by response surface methodology](#), Mehtab Alam, Tarique Ahmad, Kafeel Ahmad, Journal of Environmental Management, 2021
34. [A Study of Non-destructive Test \(NDT\) Results on Old Concrete Specimens Under Loaded and Unloaded Conditions and Their Crushing Strength](#), A Paktiawal, Mehtab Alam, ICSDEMS 2019, 67-82, 2021
35. [Performance of One-way Composite Reinforced Concrete Slabs under Explosive-induced Blast Loading](#), SM Anas, Mehtab Alam, M Umair, Earth and Environmental Science 614 (1), 1-14, 2020

36. [Relative Performance of Linear Quadratic Regulator and Pole Placement Technique for Active Seismic Control of Structures](#), F Rather, Mehtab Alam, Earth and Environmental Science 614 (1), 1-9, 2020
37. [Nano-Silica and its Role on Performance of Cement Concrete-A Review of Experimental Investigation](#), A Paktiawal, Mehtab Alam, IOP Conference Series: Earth and Environmental Science 614 (1), 012085, 2020
38. [Performance of masonry heritage building under air-blast pressure without and with ground shock](#), Mehtab Alam, SM Anas, MI Ansari, Australian Journal of Structural Engineering 21 (4), 329-344, 2020
39. [Effect of Alkali Resistant Glass Fiber on Performance of Cement Concrete - A Review of Experimental Investigations](#), A Paktiawal, Mehtab Alam, International Journal of Recent Technology and Engineering 9 (2), 933-950, 2020
40. [Nonlinear behaviour of regular RC frame under sequential loading of main shock and repeated aftershocks](#), National Conference on Recent Advances in Structural Engineering, Athar Tauheed, Mehtab Alam, NCRASE-2020, NIT-Jamshedpur
41. [A Review on seismic performance analysis of Integral bridges](#), Akil Ahmed, Alhamd Farqaleet, Mehtab Alam, (ISSN-2349-5162), JETIER, Volume 6, Issue 2, 2019
42. [Investigating calcined filter backwash solids as supplementary cementitious material for recycling in construction practices](#), T Ahmad, K Ahmad, Mehtab Alam, Construction and Building Materials 175, 664-671, 2018
43. [Characterization and constructive utilization of sludge produced in clari-flocculation unit of water treatment plant](#), T Ahmad, K Ahmad, Mehtab Alam, Materials Research Express 5 (3), 035511, 2018
44. [Sludge quantification at water treatment plant and its management scenario](#), T Ahmad, K Ahmad, Mehtab Alam, Environmental monitoring and assessment 189 (9), 1-10, 2017
45. [Characterization of water treatment sludge and its reuse as coagulant](#), T Ahmad, K Ahmad, A Ahad, Mehtab Alam, Journal of Environmental Management 182, 606-611, 2016
46. [Sustainable management of water treatment sludge through 3 'R'concept](#), T Ahmad, K Ahmad, Mehtab Alam, Journal of Cleaner Production 124, 1-13, 2016
47. [Progressive Collapse of Hyperbolic Cooling Tower Considering the Support Inclinations](#), E Asadzadeh, Mehtab Alam, International Journal of Civil and Environmental Engineering 10 (3), 426-432, 2016
48. [Characterization of water treatment plant's sludge and its safe disposal options](#), T, Ahmad, K Ahmad, Mehtab Alam, Procedia Environmental Sciences 35, 950-955, 2016
49. [Steel-CFRP composite and their shear response as vertical stirrup in beams](#), FA Uriayer, Mehtab Alam, Steel and Composite Structures 18 (5), 1145-1160, 2015

50. [An experimental study on use of hypo sludge in cement concrete](#), Mehtab Alam, V Berera Int. J. Progr. In Civil Eng 2 (1), 1-23, 2015, 2015,
51. [A survey on hyperbolic cooling towers](#), E Asadzadeh, Mehtab Alam, International Journal of Civil, Environmental, Structural, Construction and ..., 2014
52. [Dynamic response of layered hyperbolic cooling tower considering the effects of support inclinations](#), SA Mehtab Alam, Esmail Asadzadeh, Structural Engineering and Mechanics 50 (6), 797-816, 2014
53. [C0- Continuity Isoparametric Formulation using Trigonometric Displacement Functions for One Dimensional Elements](#), MAE Asadzadeh, Global Journal of Researches in Engineering: E, Civil And Structural ..., 2014
54. [Mechanical properties of steel-CFRP composite specimen under uniaxial tension](#), FA Uriayer, Mehtab Alam, Steel and composite structures 15 (6), 659-677, 2013
55. [BEHAVIOUR OF DOUBLE PENDULUM LOADING PLATFORM UNDER OCEAN CURRENT](#), M Aslam, N Islam, MM Zaheer, Mehtab Alam, BEHAVIOUR 2 (6), 2013
56. [Steel-CFRP composite \(CFRP laminate sandwiched between mild steel strips\) and its behavior as stirrup in beams](#), FAJ Uriayer, Mehtab Alam, Proc., World Academy of Science, Engineering and Technology, World Academy ..., 2013
57. [Acceptability of demolished concrete waste aggregate in making high strength self-compacting concrete](#), Mehtab Alam, G Singh, B Bahaa, M Sahar, International Journal of Civil Engineering (IJCE) 2, 2013
58. [Investigation of Structural Defects and Renovation of A RC Residential Building](#), Akil Ahmad, Asif Husain, Mehtab Alam, International Journal of Chemical, Environmental & Biological Sciences ..., 2013
59. [Seismic response and stability analysis of single hinged articulated tower](#), SDH Mehtab Alam, Prashant Atreya, Nazrul Islam, Open journal of civil engineering, 234-241, 2013
60. [Capacity enhancement of steel by compositing with carbon fibre reinforce polymer](#), FAU Mehtab Alam, Proc Indian Natn Sci Acad 79 (4), 817-823, 2013
61. [Dynamic stability of compliant off shore structures- A case study of single hinged articulated tower](#), Mehtab Alam, Prashant Atreya, Nazrul Islam, Syed Danish Hassan, International journal of innovative research in science 2 (11), 2013
62. [Application of phase plots for dynamic stability analysis of compliant offshore structures](#), SDH Mehtab Alam, Prashant Atreya, Nazrul Islam, International journal of engineering and innovative technology (IJEIT) 3 (4), 2013
63. [Mechanical properties of steel-CFRP composite specimen under uniaxial tension](#), FAU Mehtab Alam, Steel and composite structures 15 (6), 659-677, 2013
64. [Acceptability of Demolished Concrete Waste in Making High Strength Self Compacting Concrete](#), MNS Mehtab Alam, Gaurav Singh, Besh Baha, International Journal of Civil Engineering (IJCE), 2 (3), 2013

65. [Behaviour of Double loading Platform Under Ocean Current](#), Mehtab Alam, Moazzam, Aslam, Nazrul Islam and Mohd Moonis Zaheer, International Journal of Innovative Research in Science, Engineering and ..., 2013
66. [Comparative Response of Double Hinged ALP Using Airy's And Stoke's Wave Theories](#), NIMMZ Mehtab Alam, Moazzam Aslam, International Journal of Innovative Research in Science, Engineering and ..., 2013
67. [Steel- CFRP Composite \(CFRP Laminate Sand witched between Mild Steel Strips\) and Its Behaviour as Stirrup in Beams](#), FJU Mehtab Alam, World Academy of Science, Engineering and Technology 73 2013
68. [Investigation of Structural Failure of a R C Hotel Under Construction](#), Asif Husain, Mehtab Alam, Akil Ahmad, 2nd International Conference on Civil and Transportation System ICCTS'13 ..., 2013
69. [Retrofitting of Historical Masonry Building](#), AH Mehtab Alam, Akil Ahmad, International Conference on Advances in Engineering and Technology, ICAET, 2013
70. [Investigation of Structural Defects and Renovation of A RC Residential Building](#), AAAH Mehtab Alam, International Journal of Chemical, Environmental & Biological Sciences ..., 2013
71. [Dynamic Response, and Reliability Analysis of Articulated Joint](#), MMZ Mehtab Alam, Moazzam Aslam, Nazrul Islam, Proceedings of 3rd Asian Conference on Mechanics of Functional Materials ..., 2013
72. [Urban Crisis Management with GIS Technique for Environmental Management](#), Mehtab Alam, A Mehmoodzadeh, Aug. 10, JMI New Delhi, 2010
73. [Isfahan Crisis Management](#), Mehtab Alam,, A. Mehmoodzadeh, MRSS 6th International Remote Sensing and GIS Conference, 228-29 April ..., 2010
74. [A method of Rapid Evaluation of Masonry Buildings against Earthquake](#), Mehtab Alam, A Mehmoodzadeh, Disaster Advances Journal 2 (3), 15-23, 2009
75. [The Role of GIT for Mapping and a Developed Algorithm for Rapid Evaluation of Buildings for Earthquake Management](#), Mehtab Alam, A Mehmoodzadeh, ISG Conference, August 10-11, Kuala Lumpur, Malaysia, 2009
76. [Integration of geo information technology and survey analysis for development in mitigation study against earthquake: a case study for Esfahan Iran](#), MA P Saied, M Amir, Disaster Advances, 1 ((3)), 20-26, 2008
77. [Handbook Seismic Disaster and Management](#), Mehtab Alam, A. Mehmoodzadeh, Elm Afarin, Publication, Isfahan, Iran, 2008
78. [Integration of Geo-information Technology and Survey Analysis for Development in Mitigation Study against Earthquake: A case study for Esfahan Iran ...](#), Mehtab Alam, A. Mehmoodzadeh, Disaster Advances Journal 1 (2), 20-26, 2008

79. [Geo-information Development in Earthquake Study A case study in Isfahan, Iran](#), MAA Mehmoodzadeh, GiT4NDm second International Conference-AIT, Bagkok, Thailand, 1-2 December 2008
80. [Nonlinear Response of Concrete Beams and Plates under Impact Loading](#), MA hussain Abbas, NK Gupta, International Journal of Impact Engineering 30, 1039-1053, 2004
81. [Impact of treated waste water on cement concrete](#), MAS Ahmad, International Conference on Environmental Challenges for the New Millennium, 2000
82. [Perforation of Thin steel Sheet by a Cylindro-conical Penetrator](#), Mehtab Alam, NK Gupta, Proceedings of 11th ISME Conference, IIT Delhi, New Delhi 3-5 February, 1999
83. [How best can one estimate the load carrying capacity of piles which support offshore structures](#), Mehtab Alam, IH Khan, Indian Geotechnical, 179-182, 1986
84. [Probabilistic Methods and Study Earthquakes Aided by Geoinformatics](#), SMAR S Pirasteh, A Mahmoodzadeh, Mehtab Alam, B Nikoumvan, International Journal of Geoinformatics 5 (4)
85. [Investigation of Structural Failure of a RC Hotel under Construction](#), A Ahmed, Mehtab Alam, A Husain, International Journal of Chemical, Environmental & Biological Sciences ..., 2013
86. [Dynamic Stability of Articulated Offshore Tower under Seismic Loading](#), P Atreya, N Islam, Mehtab Alam, SD Hasan, International Journal of Engineering and Innovative Technology 4 (2), 137-147, 2014
87. [Application of Phase Plot for Dynamic Stability Analysis of Compliant Offshore Structures](#), Atrey,P.,Islam Nazrul, Mehtab Alam, Hassan SD, International Journal of Engineering and Innovative Technology(IJEIT) 3 (4 ..., 2014