

KHALID MOIN

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Director, Games & Sports

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Ex Head

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EDUCATION

1997 **Ph.D.*** IIT Roorkee, INDIA
1990 **M.Tech.**** IIT Delhi, INDIA
(Structures)
1985 **B.Sc. Engg.** AMU Aligarh, UP, INDIA
(Civil)

* Ph.D. Dissertation topic: "Post-peak response analysis using finite element method"

** M.Tech. Dissertation topic: "Force method analysis of box Girder Bridge"

CONTRIBUTION TO DEPARTMENT OF CIVIL ENGINEERING

1. Established the Hydraulics Laboratory in 1986.
2. Established the Computer Aided Analysis & Design Laboratory in 1989.
3. Established the New CAD Lab in 2010.
4. Established the New Structure Dynamics Laboratory in 2020

TEACHING, RESEARCH & CONSULTANCY EXPERIENCE

TEACHING EXPERIENCE: **37 years at UG+PG level**
RESEARCH EXPERIENCE **29 YEARS**
CONSULTANCY EXPERIENCE **20 years**

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. Structural Analysis IV
5. Design of Concrete Structures I
6. Matrix Method of Framed Structures
5. Basics of Structural Analysis (B.Planning) as guest lecturer in School of Planning & Architecture, New Delhi
6. Engineering Mechanics (B.Arch.), B.Tech. & B.E.
7. Elements of Earthquake Engineering (B.Arch.)

Laboratory

1. Structural Dynamics Lab
2. Elements of Civil Engineering
3. Structural Analysis I
4. Structural Analysis II

M.Tech Dissertation Supervised

(M.Tech.)

1. Performance of Lifelines in Post Disaster Scenario
2. Strength Variation Studies of Cement Mortar and Cement Concrete under the Influence of Plastic Waste
3. Induced Effects (Liquefaction)-Basic Phenomenon and Estimation Method for Micro zoning Studies

Research Experience

Major Area: Structures, Structural Dynamics and Earthquake Engineering, Disaster Management

Specific Area: Post-peak (nonlinear) response analysis of structures, Un-reinforced masonry structures under seismic loading. Masonry structures.

Ph.D. SUPERVISION

PhDs supervised

Name of the candidate	Topic	Year of award	Name of the Co-supervisors
1. Rominder Randhawa	Environmental Noise Impact Assessment of Metropolis Transportation Infrastructure Development.	2009	Prof. Khalid Moin, Prof. I. H. Khan Prof. S.S.Jain Prof. M. Parida
2. Amir Ali Khan	Urban Disaster Vulnerability assessment in Earthquake prone Areas – Case Study of Delhi	2009	Prof. Khalid Moin,
3. Syed Danish Hasan	Seismic Response of Multi-Hinged Articulated Offshore Tower.	2010	Prof. Khalid Moin Prof. Nazrul Islam
4. Gaurav Rastogi	Non-linear dynamic analysis of Multi-storeyed building using Finite Element approach.	March 2010	Prof. Khalid Moin, Dr. S. M. Abbas
5. Mr. S. M. Muddasir	Seismic Assessment of An Urban Settlement	April 2018	Prof. Khalid Moin Prof. Shamshad Ahmad
6. Ms. Adeela Afreen	Performance Based Methodology on Seismic Evaluation of Masonry Structures.	Submitted May 2021	Prof. Khalid Moin Dr. Akil Ahmad

PhDs under Supervision

Name of the candidate	Proposed Topic	Year of registration	Name of the Co-supervisors
7. Mr. Syed Emad Uddin Ahmed	Seismic Reliability Analysis of Performance Based Design of building	July 2015	Prof. Khalid Moin Prof. R. A. Khan

ADMINISTRATIVE POSITIONS HELD IN JAMIA

September 10, 2021 to till date	Member University Court, Jamia Millia Islamia
February 2020 to till date	Director, Games & Sports, Jamia Millia Islamia
July 2010 to July 2013	DEAN, Faculty of Engineering & Technology, Jamia Millia Islamia
July 2010 to December 2015	Professor Incharge, Building & Construction Department, Jamia Millia Islamia
August 2007 to August 2010	Head, Department of Civil Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia
August 2005 to 2010	Nodal Officer, Jamia Millia Islamia to coordinate Jamia Millia Islamia and other agencies like PWD, M/s RITES Ltd, NPCC and their Architects for the various building projects including Dental College, New Library, Medical Centre, Academy buildings, hostels etc. at the JMI with expenditure of more than Rs 150 Cr.
September 2002 to August 2008	President, Athletics Club, Jamia Millia Islamia
July 2002 to September 2005	Professor Incharge, Building & Construction Department, Jamia Millia Islamia
September 2000 to August 2005	President, Hockey Club and member of the selection board of the students in sports quota, Jamia Millia Islamia

POSITIONS HELD OUTSIDE JAMIA

August 2016 to till date	Member, Board of Management , Delhi Technological University, Delhi
October 2017 to till date	Member, Board of Management , Harcourt Butler Technical University, Kanpur, Uttar Pradesh
January 2016 to till date	Member of Selection Committee to appoint First Director of New Established State Engineering Colleges, Dr. APJ Abdul Kalam Technical University, Uttar Pradesh Administration, UP
July 2014 to July 2017	Member, Board of Management , Guru Gobind Singh Indraprastha University, Delhi
Sept 2015 to Sept 2017	Member, Finance Committee , Guru Gobind Singh Indraprastha University, Delhi
October 2009 to October 2012	Member, Academic Council , Mewar University, Rajasthan
June 2009 to till date	Member, Building Committee , Zakir Hussain College, Delhi University

As Director, Games & Sports, Jamia Millia Islamia,

1. I organized many Yoga related Events in the campus to promote the best yoga related activities.

2. Also every year, on 21st June, on the occasion of International Day of Yoga, the functions were organised by holding Physical sessions on Yoga best practices (before Covid-19 pandemic) and Virtual Sessions (During Covid-19 pandemic).
3. Edited a brochure on the yoga day has been published and release by Vice Chancellor.



4. 200 caps have been distributed on the occasion of International Day of Yoga to students & Staff of the University.
5. Coordinated YOGA FACILTY by having Yoga Guru (Contractual) Shri Mishra who regularly, teach about the benefits Yoga to staff & students.

FELLOWSHIPS

1. **QIP fellowship** from Ministry of Human Resources & Development to pursue Ph.D. from IIT Roorkee, INDIA.

HONOURS

1. **PRESIDENT**, Indian Society of Earthquake Technology, Delhi Local Chapter from December 2007 to till date

MEMBERSHIPS

1. **Member ISET** (Indian Society of Earthquake Technology), IIT Roorkee, India
2. **Member** of the steering committee which pooled for the VIth World Conference on Earthquake Engineering for INDIA.
3. **Member, Building Committee**, Jamia Millia Islamia. 2001-2004
4. **Mentor** for Technical Education Quality Improvement Programme of Government of India (**TEQIP**).
5. **Member of the TASK FORCE COMMITTEE for finalizing the XII FIVE Year PLAN of the University**

SERVICE ON UNIVERSITY AND DEPARTMENT COMMITTEES

1. Coordinator, syllabus revision committee of B. Tech. (Civil) as per AICTE norms, 2001-2005
2. Member of the committee responsible for establishing "Central Computer Facility" in the Faculty of Engineering, 2003.
3. Students Advisor of B.Tech. Civil III Yr. 2002-2003.
4. Member of the committee which prepared a report on "Reasons of Cracking & Methods of Cure" of TTI building, JMI, 1999
5. Member of the committee which prepared a report on "Strength Assessment" of burnt NCC office near administrative block, JMI, 2000.
6. Member of the committee to monitor the progress of the new construction in Ajmal Bagh, 2001.
7. President of the University Hockey Club and member of the selection board of the students in sports quota, 2000-2005.
8. Senior warden, SRK Boy's Hostel, Jamia Millia Islamia. 2000-2003.
9. Organized "North-Zone and All India Inter-University Hockey Tournament (2000)" in Jamia Millia Islamia.
10. Professor Incharge, Building and Construction Department, Jamia Millia Islamia, 2002-2005.
11. Coordinator of the building committee for construction of 'Center for Dental Studies' at the cost of Rs. 18.00 Crore.
12. Member of BOS, Faculty of Architecture since 2008.
13. Member of BOS, Faculty of Computer Engineering since 2008.
14. Professor Incharge, Building and Construction Department, Jamia Millia Islamia, since August 2010.
15. Member of XII Plan Review Committee.
16. Organized "North-Zone and All India Inter-University Hockey Tournament (December 2010)" in Jamia Millia Islamia.

SERVICE ON COMMITTEES & ACADEMIC PURSUANCE (OUTSIDE JAMIA)

1. Co-opted member of the Board of Studies of Department of Civil Engineering, A.M.U Aligarh, 2005-2007
2. Member of the expert committee of University Grants Commission (UGC) for granting approval of University status.
3. Member of the expert committee of All India Council for Technical Education (AICTE) for granting approval of different B.Tech. Courses and Accreditation for Engineering Colleges.

4. External examiner for PhD and M.Tech dissertations.
5. Member of Curriculum Committee of Chadhary Braham Prakash College of Engineering & Technology, Jafar Pur, Delhi
6. Member, Academic Council, Mewar University, Ajmer
7. Member BOS, Department of Civil Engineering, Baba Ghulam Shah University, Rajouri, Jammu & Kashmir.
8. Member, Building Committee, Zakir Husain College, DU (Ongoing)

PROJECTS (Completed & Ongoing)

Please SEE ANNEXURE I

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. Workshop on "Awareness for Natural disasters – Module I " Aug.31-September 1, 1999, sponsored by NCDM, IIPA, NEW DELHI.
4. Workshop on "Awareness for Natural disasters – Module II " Aug.28 – Aug 31, 2000, sponsored by NCDM, IIPA, NEW DELHI.
5. National Conference on Geotechnical and Structural Aspects of Earthquake Engineering, Aug 4-5, 2007 at Jamia Millia Islamia, New Delhi, India.
6. One day workshop on “STUDY OF SEISMIC PERFORMANCE BASED DESIGN OF BUILDING STRUCTURES” held in the Department of Civil Engineering, JMI on 27th February 2016 funded by UGC under DRS-II (SAP-II).
7. One day workshop on “RECENT ADVANCES IN EARTHQUAKE ENGINEERING” held in the Department of Civil Engineering, JMI on 18th March 2017 funded by UGC under DRS-II (SAP-II).
8. One day workshop on “SEISMIC VULNERABILITY OF STRUCTURES” held in the Department of Civil Engineering, JMI on 10th March 2018 funded by UGC under DRS-II (SAP-II).
9. One day seminar in collaboration with the International Conference on “SMART CITIES OPPORTUNITIES & CHALLENGES” and the topic is “STUDY OF SEISMIC PERFORMANCE BASED DESIGN OF BUILDING STRUCTURES” held in the Department of Civil Engineering scheduled to be held from March 14-16, 2019 funded by UGC under DRS-II (SAP-II).

CONFERENCES/SYMPOSIA ATTENDED WITH PRESENTATION OF PAPERS

International

1. Seventh International Masonry Conference (7IMC) held in London from October 29–November1, 2006. Presented a paper entitled “Seismic Evaluation of Heritage Brick Masonry School Building”.
2. V General Assembly on “seismic hazard evaluation & risk reduction” held at Yerevan, ARMENIA during October 18-20, 2004. Presented the paper entitled “seismic performance of build up environment –lessons from recent earthquakes in India”.

3. Workshop on “development of web-based encyclopedia of housing type in seismically prone areas of the world”, held at Pavia, ITALY during June 12-14, 2001. and presented the paper on “ un-reinforced brick masonry in mud mortar”, (<http://www.johnmartin.com/EERI>)
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-March 1&2, 1996, and presented a paper titled” Post-peak Response Analysis using Finite Element Method” pp 135-138.
5. International Conference on Disaster Management: Cooperative Networking in South Asia”, held at New Delhi during November 28-30, 1999 and presented a paper titled “Post Earthquake Risk Assessment of Water Distribution System” pp152-159.
6. International Conference on Environmental Challenges for the New Millennium, Jamia Millia Islamia, New Delhi, held during Nov. 25-27, (1999) and presented a paper titled “Plastic Waste-as a 'by Filler' in Cement Concrete Mortar and Cement Concrete”, pp 558-565.

National

1. Tenth Symposium on Earthquake Engineering held at University of Roorkee, Roorkee, INDIA, (1994) and presented a paper titled “Strain Softening in Dynamic Problems”, pp 893-905.
2. Eleventh Symposium on Earthquake Engineering held at University of Roorkee, Roorkee, INDIA, (1998) and presented a paper titled Performance of Water Distribution System of UTD in the Post Disaster Scenario ", pp 211-218.
3. International Conference on Disaster Management: Cooperative Networking in South Asia, New Delhi, Nov. 28-30, (1999), Presented a paper entitled “Post Earthquake Risk Assessment of Water Distribution System for New Delhi Zone”, pp 152-159.
4. Thirteenth Symposium on Earthquake Engineering held at University of Roorkee, Roorkee, INDIA, (2006) and Chaired a session.
5. National Conference on Geotechnical and Structural Aspects of Earthquake Engineering (GSEE'07), NEW DELHI, INDIA (2007), August 4-5.

INTERNATIONAL COLLABORATIONS

1. Visited University of Erfurt, Germany along with 05 students of B.Tech. Civil for two week duration in October, 2005 and October 2006 under the International Collaboration MOU signed between Jamia Millia Islamia University and University of Erfurt, Germany. Under this programme various aspects of analysis of Heritage building and its retrofitting issues are discussed.
2. Has been invited by University of Erfurt, Germany to deliver expert lectures on Earthquake Engineering during November 4-9, 2007

Consultancy Experience

Please SEE ANNEXURE -II

REFEREES

1. Dr. PANKAJ, Department of Civil Engineering, Crew Building, King's Building, University of Edinburgh, Edinburgh, EH9 3JN, U.K.
2. Prof. D. K. PAUL, Department of Earthquake Engineering, IIT Roorkee, Roorkee-246776, Uttranchal, INDIA.
3. Dr Y. Singh, Department of Earthquake Engineering, IIT Roorkee, Roorkee-246776, Uttranchal, INDIA.

BIBLIOGRAPHY

1. Pankaj and **Khalid Moin** (1991) -'Benchmark Tests on Mohr Coulomb Elastoplasticity', *Proceedings of Asian Pacific Conference on Computational Mechanics*, A.A. Balkema, 753-759.
2. Pankaj and **Khalid Moin** (1994) -'On Single Step Algorithms in the Solution of Dynamic Linear and Nonlinear Problems', *Bull. Ind. Soc. of Earth. Tech.*, 31(3), 117-139.
3. **Khalid Moin** and Pankaj (1994) -'Strain Softening in Dynamic Problems', *Tenth Symp. Earth. Eng.*, University of Roorkee, Roorkee, INDIA, 893-905.
4. Pankaj and **Khalid Moin** (1996) -'Exact Prescribed Displacement Field Solutions in Mohr Coulomb Elastoplasticity', *Engng. Comput.*, 13(10), 4- 15.
5. Pankaj and **Khalid Moin** (1996) -'On the Use of Strain Softening Prediction of Post-peak Seismic Response of Structures', *Eleventh World Conference on Earthquake Engineering*, MEXICO, June 23-28.
6. **Khalid Moin** and Pankaj (1996) -'Post-peak Response Analysis using Finite Element Method', *Proceedings of the International Conference New Challenges for Civil Engineers of Developing Countries in the 21st Century (NCCDC-96)*, INDIA, 135-138.
7. **Khalid Moin** and Pankaj (1998) -'Post-Pak Behaviour Simulation using Different Failure Theories', *International Symposium on Strength Theory: Applications, Development & Prospects for 21st Century*, CHINA, Sept. 9- 11, 1121-1126.
8. **Khalid Moin**, Abul Hasan M. and Sirajuddin Ahmad (1998) – 'Performance of Water Distribution System of UTD in the Post Disaster Scenario', "*Eleventh Symp. Earth. Eng.*", INDIA, Dec. 17-19, 211-218.
9. **Khalid Moin**, Razi A. Usmani and Ziauddin Ahmad (1999) -'Plastic Waste-as a 'by Filler' in Cement Concrete Mortar and Cement Concrete', *International Conference on Environmental Challenges for the New Millennium*, New Delhi, Nov. 25-27,558-565.
10. **Khalid Moin**, Nusrat U. Khan, Sirajuddin Ahmad and Abul Hasan, M. (1999) -'Post Earthquake Risk Assessment of Water Distribution System for New Delhi Zone' *International Conference on Disaster Management: Cooperative Networking in South Asia*, New Delhi, Nov. 28-30, 152-159.
11. Pankaj and **Khalid Moin** (2000) -'Tests in von Mises and Isotropic Hoffman Elastoplasticity', *Engng. Comput.*, 17(5), 506-540.
12. Amir A. Khan and **Khalid Moin** (2001) -'Un-reinforced brick masonry in mud mortar' *Encyclopedia of Housing Types in Seismically Prone Areas of the World*, an encyclopedia developed by Earthquake Engineering Research Institute (EERI), California, in association with International Association of Earthquake Engineering (IAEE) TOKYO, (<http://www.johnmartin.com/EERI>).
13. **Khalid Moin** and Amir Ali Khan (2004) -'Seismic performance of build-up environment – lessons from recent earthquakes in India" V *General Assembly on seismic hazard evaluation & risk reduction* held at Yerevan, ARMENIA, October 18-20, 2004. (Presented the paper).

14. Amir A. Khan and **Khalid Moin** (2005) – ‘*Earthquakes*’, Chapter contributed to **MPA -001, Understanding Natural Disaster, Text Book of IGNOU**, New Delhi, **UNIT 9**, ISDN # 81, 2166-2199.
15. Amir A. Khan and **Khalid Moin** (2005) – ‘*Earthquakes – Case Studies*’, Chapter contributed to **MPA -001, Understanding Natural Disaster, Text Book of IGNOU**, New Delhi, **UNIT 10**, ISDN # 81, 2166-2199.
16. **Khalid Moin** and Amir Ali Khan (2006) – ‘*Building Performance in Recent Earthquakes*’, **Architecture**, 6(4), 20-31.
17. **Khalid Moin** and Rehan A. Khan (2006) – ‘*Technological Advances in Seismic Resistant Structures*’ **i-STRUCTURE**,
18. Adil Ahmad, **Khalid Moin** and Mohammad Qamaruddin (2006) – ‘*Seismic Evaluation of Heritage Brick Masonry School Building*’, **Seventh International Masonry Conference (7IMC)**, LONDON, October 30-31 & Nov 1, 2006.
19. Syed Danish Hasan, Nazrul Islam and **Khalid Moin** (2007) -‘*Effect of Water Depths On Earthquake Response of an Articulated Offshore Tower*’ **National Conference on Geotechnical and Structural Aspects of Earthquake Engineering (GSEE’07)**, NEW DELHI, August 4-5, 43-54.
20. Adil Ahmad and Khalid Moin (2007) -‘*Seismic Response of Buildings using N-mass coupled System with Normalised Time History*’ National Conference on Geotechnical and Structural Aspects of Earthquake Engineering (GSEE’07), NEW DELHI, August 4-5, 55-70.
21. Mohammed Qamaruddin, Adil Ahmad and Khalid Moin (2007) -‘*Seismic Performance of A Heritage Brick Masonry School Building*’ National Conference on Geotechnical and Structural Aspects of Earthquake Engineering (GSEE’07), NEW DELHI, August 4-5, 131-142.
22. Syed Danish Hasan, Nazrul Islam, M. Moonis Zaheer and Khalid Moin (2007) -‘*Effect of Buoyancy On Seismic Performance of Compliant Platform*’ National Conference on Geotechnical and Structural Aspects of Earthquake Engineering (GSEE’07), NEW DELHI, August 4-5, 331-342.
23. Nazrul Islam, Syed Danish Hasan, Khalid Moin and Suhail Ahmad (2007) -‘*Seismic Behaviour of Double Pendulum Offshore Tower Under Different Earthquakes*’ National Conference on Geotechnical and Structural Aspects of Earthquake Engineering (GSEE’07), NEW DELHI, August 4-5, 357-370.
24. A. Ahamad, M. Arif and Khalid Moin (2007) -‘*A numerical study of point supported ferrocement plates on free vibration response*’ International conference on Theoretical, Applied, Computational and Experimental Mechanics (ICTACEM-2007/324), IIT Kharagpur, December 27-29.
25. Nazrul Islam, Syed Danish Hasan, Khalid Moin and Suhail Ahmad, [2007], “*Seismic Behavior of Double Pendulum Offshore Tower under Different Earthquake*”, National Conf. on Geotechnical and Structural Aspects of Earthquake Engineering, Aug 4-5,2007, Jamia Millia Islamia, New Delhi, pp 357-370.
26. Syed Danish Hasan, Nazrul Islam and Khalid Moin, [2007], “*Effect of Water Depth on Earthquake Response of Articulated Offshore Tower*”, National Conf. on Geotechnical and Structural Aspects of Earthquake Engineering, Aug 4-5,2007, Jamia Millia Islamia, New Delhi, pp 43-54.

27. Syed Danish Hasan, Nazrul Islam, Moonis Zaheer and Khalid Moin [2007], "Effect of Buoyancy on Seismic Response of Compliant Platform", National Conf. on Geotechnical and Structural Aspects of Earthquake Engineering, Aug 4-5,2007, Jamia Millia Islamia, New Delhi, pp 331-342.
28. Syed Danish Hasan, Nazrul Islam and Khalid Moin, [2008], "Seismic analysis of a double-hinged articulated offshore tower", 27th International Conference on Offshore Mechanics and Arctic Engineering OMAE2008-57672, Estoril, Portugal, 15-20 June 2008.
29. Syed Danish Hasan, Nazrul Islam and Khalid Moin, [2008]. "Seismic analysis of a double-hinged articulated offshore tower". Proceedings of the 27th International Conference on Offshore Mechanics and Arctic Engineering, OMAE2008-57672, 15-20 June, 2008, Estoril, Portugal.
30. Syed Danish Hasan, Nazrul Islam and **Khalid Moin**, [Spring 2009]. "Earthquake Response of Multi-hinged Articulated Tower in Random Sea". International Journal of Seismology and Earthquake Engineering, Vol. 11, No. 1, pp. 49-54.
31. Nazrul Islam, Syed Danish Hasan, Moonis Zaheer and **Khalid Moin**, [April 2009]. "Comparative Seismic Response of Multi-hinged Articulated Offshore Tower". ICFAI Journal of Structural Engineering, Vol. II, No. 2, pp. 7-18.
32. Syed Danish Hasan, Nazrul Islam and Khalid Moin, [2009]. "Stochastic Response analysis of deepwater structure in seismic sea environment". ICOE-153, International Conference in Ocean Engineering (ICOE-2009), February 1-5, IIT Madras, Chennai, India.
33. Syed Danish Hasan, Nazrul Islam and Khalid Moin, [2009]. "Time-Domain Seismic Reliability Assessment of a Multi-Hinged Articulated Offshore Tower", ICOE-212, International Conference in Ocean Engineering (ICOE -2009), February 1-5, IIT Madras, Chennai, India.
34. Syed Danish Hasan, Nazrul Islam and Khalid Moin, [2009]. "Structural Response of a Multi-hinged Articulated Offshore Tower under Seismic Excitation". Proceedings of the ASME 28th International Conference on Ocean, Offshore and Arctic Engineering, OMAE2009-79315, May 31 - June 5, 2009, Honolulu, Hawaii.
35. Syed Danish Hasan, Nazrul Islam and **Khalid Moin**, [July 2010]. "A Review of Fixed Offshore Platforms under Earthquake Forces". Structural Engineering & Mechanics – An International Journal, Vol. 35, No. 4, pp. 479-492.
36. Ahmad Adil and **Khalid Moin**, [2010]. "Stability Analysis of Monument: A Case Study – Safdarjung Tomb". Journal of Advanced Material Research, Vol.133-134, pp.403-410.
37. Syed Danish Hasan, Nazrul Islam and **Khalid Moin**, [2011]. "Multi-hinged Articulated Offshore Tower under Vertical Ground Excitation". ASCE Journal of Structural Engineering, Vol. 3, No. 4, pp.469-480.

ANNEXURE I

DEPARTMENT OF CIVIL ENGINEERING, FACULTY OF ENGG. & TECH.

JAMIA MILLIA ISLAMIA, NEW DELHI-110025

Details of R & D Projects Awarded to the Department of Civil Engineering in last five years ie since 2006					Name of PI: Prof. Khalid Moin		
S.No.	Title of the Projects	Name of funding agency	Reference/ file No.	Duration	Period	Completion date	Amount
1	Life Prediction & Seismic Safety Of Masonry Buildings.	All India Council For Technical Education	8023/BOR/RID /RPS-75/2008-09	3 Years	2009-2012	Mar-12	Rs.14.20 lakhs
2	Seismic Assessment and Safety Of Masonry Building.	UGC	F.3-46/2009 (SAP-II)	5 Years	01.04.2009-31.03.2014	31/03/2014	Rs.43.15 lakhs
3	Development of Reinforced Interlocking Hollow Block System for Earthquake Resistant Construction Using Industrial Waste.	Building Material & Technology Promotion Council, Ministry of Housing & Urban Poverty Allevation, Govt. of India.	BMT/TECH. DEV/DCE/Delhi/01	18 Months	August 2008 - Feb 2010	Mar-10	Rs. 13.47 lakhs
4	Study of Seismic Performance based Design of Building Structures	UGC	F.3-5/2015/DRS-II(SAP-II)	5 Years	01.04.2015-31.03.2020	March 2020	Rs.144.36 Lacs

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(Director, Games & Sports)
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