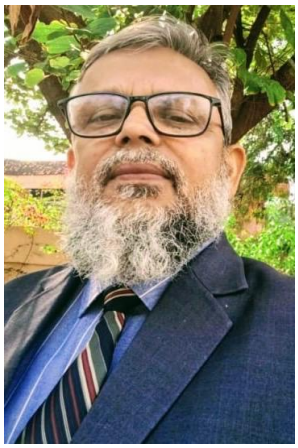
CURRICULUM VITAE

DR. NAZRUL ISLAM

Ph.D. (Structures), I.I.T. Delhi (India)
M.E. (Structures), IIT Roorkee (India)
B.Sc. Engineering (Civil) AMU Aligarh



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DATE OF BIRTH: September, 1960
PLACE OF BIRTH: BENARAS, (U.P.) INDIA

ACADEMIC QUALIFICATIONS:

Examination	Specialization	Dissertation topic	College/ University	Year of Passing
PH.D.	Off Shore **structures**	Dynamic response of Articulated Offshore Towers	IIT DELHI, (INDIA)	1998
M.E.	**Structures** (Department of Civil Engg.)	Computer Aided Analysis and Design of **R. C. Slabs** using Yield Line Method	IIT ROORKEE, (INDIA)	1990
B.Sc. Engg. (Honours)	**Civil** Engineering	Design of Hydraulic Structure	AMU, Aligarh (INDIA)	1984
Diploma in **Arabic**	--Arabic--	--Arabic--	AMU, Aligarh (INDIA)	1982

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EMPLOYMENT PROFILE:

Teaching Experience: **40 Years**
Research Experience: **25 Years**

Year	Designation	Department	College/ University
1985-1991	Lecturer	Civil Engineering	Jamia Millia Islamia, New Delhi
1991-1998	Sr. Lecturer	Civil Engineering	Jamia Millia Islamia, New Delhi
1998-2006	Reader /Assoc. Prof.	Civil Engineering	Jamia Millia Islamia, New Delhi
2006-2013	Professor	Civil Engineering	Jamia Millia Islamia, New Delhi
2013-2016	Professor	Civil Engineering	ISLAMIC UNIVERSITY, MADINA(KSA)
2016-cont.	Professor	Civil Engineering	Jamia Millia Islamia, New Delhi

PH.D.'s SUPERVISED:

S. No.	Name of the candidate	Research Topic	Year of award	Supervisor
1.	Syed Danish Hasan	Seismic response of Multi-Hinged Articulated Offshore Tower	2010	Prof. Nazrul Islam Prof. Khalid Moin
2.	Mohd. Moonis Zaheer	Wind and Wave induced responses of Double Hinged Articulated Loading Platform (ALP)	2010	Prof. Nazrul Islam

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3.	Moazzam Aslam	Reliability of Multi-hinged Articulated Platforms	2014	Prof. Nazrul Islam Prof.Mehtab Alam Dr. M.Moonis Zaheer
4.	Prashant Atreya	Stability and Dynamics of Single Hinged Articulated Tower	2015	Prof. Nazrul Islam Prof. Mehtab Alam and Dr. Syed Danish Hasan
5.	Mirza Aamir Baig	Seismic Vulnerability Assessment of Box Girder Bridge	2023	Prof. Nazrul Islam Dr. Mohd. Umair
6.	**Mohd. Shariq (19 PHDCE023)	Blast Performance of Masonry and RCC Compression Members	Submitted in Dec-2024	Prof. Nazrul Islam Prof. Asif Husain Prof. Mehtab Alam
	** Ph.D. thesis submitted			
	On-Going Ph.D.'s		**Year of Registration**	
1.	Manish Sharma (18PHDCE008)	Influence of strong ground motion parameters on dynamic response of concrete gravity dam	2018	Prof. Nazrul Islam
2.	Shreeja-Kacker (21 PHDCE016)	Dynamic Response of High Rise Modular Residential Building	2021	Prof. Nazrul Islam
3	Mohammad Parvez Alam (21 PHDCE014)	Study on Seismic Response Control of Structure Using Hybrid Tuned Mass and Magnetorheological Damper	2021	Pof. Azhar Husain Prof. Nazrul Islam

5.	Mohammad Azam Khan (21PHDCE006)	Dynamic Response of Cable Stayed Signature Bridge	2021	Prof. Nazrul Islam
8.	Mohammad Bilal Khan (21PHDCE007)	Influence of Traffic Loadings on Seismic Reliability of Highway Bridge	2021	Prof. S.M.Mudassir Prof. Nazrul Islam

M.TECH DISSERTATIONS SUPERVISED

S. No.	Name of the candidate	Research Topic	Year of Completion	Supervisor
1.	Javed Khan	Impact assessment of noise pollution on humans at surfing task	2000	Prof. Rizvi and Prof. Nazrul Islam
2.	Irshad Ahmed	Design of Fire Fighting system for High Rise Building	2013	Prof. Nazrul Islam
3.	Mohd. Nauman	Retrofitting of ten storeyed RCC building for two additional floors	2013	Prof. Nazrul Islam
4.	Aftab Ahmad	Seismic Retrofitting of steel structures	2013	Prof. Nazrul Islam
5.	Mohd. Pervez	Seismic Design of Elevated Water Tank and its response control	2013	Prof. Nazrul Islam
6.	Niha Azmat	Dynamic Response of Tension Leg Platform	2017	Prof. Nazrul Islam
7.	Tufail Ahmed	Compare the Performance of FPS system with LRB using Push-over and non-linear time history analysis	2018	Prof. Nazrul Islam
8.	Mohd. Imran Alam	Linear and Non-linear Analysis of Transmission Line Tower	2019	Prof. Nazrul Islam
9.	Sumbul Iqbal	Seismic Base Isolation of RC Structure using FPS	2019	Prof. Nazrul Islam

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10	Asif Usmani	Seismic Analysis of Liquid Storage Tank	2020	Prof. Nazrul Islam
11.	Mohd.Waseem	Seismic Analysis of Box Girder Bridge	2020	Prof. Nazrul Islam
12.	Riyazuddin	Seismic Retrofitting of multi storied RC building with bracing system and Shear wall	2021	Prof. Nazrul Islam
13.	Faiz Abideen	Seismic Upgradation of RC Buildings using Push over Analysis	2021	Prof. Nazrul Islam
14.	Rajeev kumar	Vibration Control of Buildings using Dampers	2021	Prof. Nazrul Islam
15.	Beenish Fayaz	Effect of Non linearity on Static analysis of a Cable Stayed Suspension Bridge	2022	Prof. Nazrul Islam
16.	Mohd.Faishal	Seismic Response Control of Structures using Dampers and Bracings	2022	Prof. Nazrul Islam
17.	Ijmal Ahmed (20MEQ010)	Seismic Response study of Transmission Line Tower	2022	Prof. Nazrul Islam
18.	Mohd.Maaz Ansari	Seismic Response Control of Cable Stayed Bridge	2023	Prof. Nazrul Islam
19.	Subhana Samad	Seismic and Wind Load Analysis of Natural Draught Hyperbolic Cooling Tower	2023	Prof. Nazrul Islam
20.	Ujjaval Sharma	Seismic Analysis of Setback Buildings	2023	Prof. Nazrul Islam
21	Najaf Abbas	Seismic Response of Multi-Storey Building with and without Shear Walls considering Main shock and after Shock Effects	2024	Prof. Nazrul Islam

22.	Osairim Khalid	Seismic Analysis of Cable Stayed Bridge	2024	Prof. Nazrul Islam
23.	Shahzad Anwar	Seismic Analysis of Modular Buildings	2024	Prof. Nazrul Islam
24.	Ayesha Siddiqui 23MEQ005	Retrofitting of a Multistoried Existing Office Building to Data Centre	2024-25 continued	Prof. Nazrul Islam
25.	Kumailuddin Ashraf 23MEQ007	Seismic Response of Cable Stayed Bridge	2024-25 continued	Prof. Nazrul Islam

B.TECH PROJECTS:

Total number of B.Tech Projects supervised: 50

INTERNATIONAL RECOGNITIONS / REWARDS OFFERED:

- The Cambridge Certificate for outstanding Engineering achievement **2012** awarded by IBC, Great Britain.
- Reviewed many research papers of Structural Engineering and Mechanics, an international Journal.
- The SIR ISAAC NEWTON Scientific Award of Excellence **2012** awarded by American Biographical Institute.
- CV published in MARQUIS **Who's Who in the World - 2008**, USA.
- CV published in MARQUIS **Who's Who in Asia - 2007**, USA.
- CV published in MARQUIS **Who's Who in Science and Engineering-2006**, USA.
- Offered to Chair **WCCM-III**,(World Conference on Computational Mechanics) Chiba, **Japan**, August 4, 1994.
- Member of Society of Engineers, **London (U.K.).**
- Life member of Indian Society of Technical Education **(ISTE),** India.
- Best Faculty award at **Islamic University, Madina (IUM), (KSA), 2016**

SUBJECTS TAUGHT AT M.TECH / M.S / PH.D LEVEL:

- STRUCTURAL RELIABILITY
- STRUCTURAL DYNAMICS/THEORY OF VIBRATION
- DESIGN OF OFF-SHORE STRUCTURES

CURRICULUM VITAE

- DESIGN OF TALL BUILDINGS

SUBJECTS TAUGHT AT B.TECH / B.S LEVEL:

- STATICS
- DYNAMICS
- MECHANICS OF MATERIAL
- STRENGTH OF MATERIAL
- DESIGN OF STEEL STRUCTURES
- DESIGN OF R.C.C. STRUCTURES
- EARTHQUAKE RESISTANT DESIGN OF STRUCTURES
- SOLID MECHANICS / ENGINEERING MECHANICS
- STRUCTURAL ANALYSIS
- CONCRETE TECHNOLOGY
- ELEMENTS OF CIVIL ENGINEERING

PAPERS PUBLISHED:

International Journals

1. Sharma, M., Ansari, M.I., **Islam, N**. **(2025)**. Unveiling Seismic Design Criteria for Concrete Gravity Dams: A Comprehensive Assessment. In: Janardhan, P., Choudhury, P., Kumar, D.N. (eds) Water and Environment, Volume 2. ICWROEE 2024. **Lecture Notes in Civil Engineering, vol 414. Springer, Singapore**. https://doi.org/10.1007/978-981-97-7502-6_21

2. Sharma, M., Singh, S., Prasad, P., Anand, V., & **Islam, N**. **(2025)**. Correlation analysis of ground motion intensity measures for seismic damage assessment: Insights from near- and far-field records. **Asian Journal of Civil Engineering.** (in press).

3. 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.

4. 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. Article in Press.

5. 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.

6. Mirza Aamir Baig, Md. Imteyaz Ansari, **Nazrul Islam ,** Mohammad Umair **[2024],** "Probabilistic Damage Evaluation of Isolated Steel Box-Girder Bridge Excited by Near-Field Earthquakes"**,** ***Journal of Soil Dynamics and Earthquake Engineering, 184(2024)108869, Elsevier,*** *https://doi.org/10.1016/j.soildyn.2024.108869*

7. Mohd. Shariq, S.M.Anas, Mehtab Alam, **Nazrul Islam** and Asif Husain **[2024],** "Dynamic Behavior of Axially Loaded Masonry Walls Strengthened with Different innovative Techniques under Explosion Loading"**,** ***Materials Today: Proceedings, Elsevier,*** *Vol.64, No.01:643-654. https://doi.org/10.1016/j.matpr.2024.05.041* (ESCI)

8. Mirza Aamir Baig, Imteyaz Ansari, and **Nazrul Islam [2024],** "Effect of Material Characteristics of Lead Rubber Isolators on Seismic Performance of Box-Girder Bridge"**,** ***Journal of Engineering and Applied Science, (2024)71:115, Springer Open,*** (https://*creativecommon.org/publicmain/zero/1.0*), *https://doi.org/10.1186/ s44147-024-00451-5.* (ESCI Scopus)

9. Shreeja Kacker & **Islam, N. [2023],** "Building the Future: A Literature Review on the Advancements and Innovations in Prefabricated Modular Structures", ***Journal of Research Administration,*** *Society of Research Administrators International, Scopus Index,* Vol. 5 No. 2, (2023), ISSN:1539-1590 | E-ISSN:2573-7104, (https://journalra.org/index.php/jra/)

10. Baig M.A., Ansari, Md.I,, **Islam N.** and Umair M. **[2023],** "Vulnerability Assessment of Steel Box-Girder Bridge Under Near -Field and Far-Field Earthquakes"**,** ***Innovative Infrastructure Solutions 8:19(2023) Springer,*** (https://*link.springr.com/article/10.1007/s41062-022-00983-w*), *https://doi.org/10.1007/ s41062-022-00983-w.* (SCIE Scupous)

11. Aslam, M., Zaheer, M.M. & **Islam, N. [2023],** Dynamic Analysis of an Articulated Offshore Tower Using Stokes Fifth Order Nonlinear Wave Theory. ***KSCE J Civ Eng 27, 5041–5056,*** https://doi.org/10.1007/s12205-023-1236-0.

12. Baig M.A., Ansari, Md.I , **Islam N.** and Umair M. **[2023],** "Probabilistic Damage Analysis of Isolated Steel Tub Box Girder Bridge Excited by Near and Far Fault Ground Motions"**,** ***International Journal of Engineering(IJE), Transactions B: Applications,*** *https://www.ije.ir/article_160838.html* , vol. 36, No.02:289-298

13. Baig M.A., Ansari, Md.I, **Islam N.** and Umair M. **[2023],** "Influence of Near Fault Earthquakes with forward Directivity and Fling Step on Seismic Response of Steel Box Girder Bridge"**,** ***International Journal of Sustainable Construction Engineering and Technology,*** Vol. 14, No.01:202-216. *DOI: https://doi.org/10.30880/ijscet.2023.14.01.018.* (ESCI Scupous)

14. Shreeja Kacker and **Nazrul Islam [2023],** "Research Landscape of Modular and Living Buildings: A Bibliometric Analysis (2003-2022)"**,** ***Journal of Emerging Technologies and Innovative Research (JETIR),*** JETIR2303058, vol. 10, issue 03, pp 435-446 *https://www.jetir.org,* ISSN: 2349-5162

15. Sharma M, Ansari MI, **Islam N (2023)** Study of concrete filled UPVC tubes as column under axial loading. **Russian J Build Construct Architect** 2(58):41–5

16. Mirza Aamir Baig, Mohammad Imteyaz Ansari, **Nazrul Islam** and Mohammad. Umair **[2022],** "Effect of Lead Rubber Bearing on Seismic Performance of Steel Box Girder Bridge"**,** ***Materials Today: Proceedings, Elsevier,*** *pp1-12. https://doi.org/10.1016/j.matpr.2022.04.953 Vol.64, No.01:468-480.*

17. Mirza Aamir Baig, Md. Imteyaz Ansari, **Nazrul Islam** and Mohammad. Umair **[2022],** "Damage Assessment of Circular Bridge Pier incorporating High-Strength Steel Reinforcement under near-fault ground motion"**,** ***Materials Today: Proceedings, Elsevier,*** *Vol.64, No.01:488-498. https://doi.org/10.1016/j.matpr.2022.04.964*

18. Mohd. Shariq, Mehtab Alam, Asif Husain and **Nazrul Islam [2022],** "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,*** *Vol.64, No.01:643-654. https://doi.org/10.1016/j.matpr.2022.05.153*

19. Mohd. Shariq, Mehtab Alam, Anas M.S., Hussain, A. and **Islam** N. **[2022],** "Influence of Wire Mesh and CFRP strengthening on Blast Performance of Brick Masonry Wall: a numerical Study under Close-Range Explosion"**,** ***International Journal of Masonary Research and Innovation****, Vol.10, 1-20.*

20. Shariq, M., Alam, M., Anas, S. M., **Islam, N.**, and Hussain, A**. (2022).** "Performance Enhancement of Square RC Column Carrying Axial Compression by (1) C-FRP wrapping, and (2) Steel Angle System under Air-blast Loading" **[J]. International Journal of Computational Materials Science and Surface Engineering, Inder Science Publishers,** 11(2), pp. 99-119, DOI: 10.1504/IJCMSSE.2022.10051781.

21. Sumbul Iqbal and **Nazrul Islam [2022]**," Seismic Base Isolation of 7 Storey RC Structure Using Single Friction Pendulum System" Part of Structural Integrity Book Series, (STIN, vol. 27),pp 200-209, (https://link.springer.com/chapter/10.1007/978-3-031-04793-0_15),**Springer,** Cham.

22. Manish Sharma, Md. Imteyaz Ansari and **Nazrul Islam [2022]**, "Study of Concrete Filled Unplasticized Poly-Vinyl Chloride Tube as Columns under Axial Loading" Journal of Mechanical Materials and Mechanics Research, (https://ojs.bilpublishing.com/index.php/jmmmr), Vol. 05, issue 01, pp10-17.

23. Manish Sharma, Md. Imteyaz Ansari and **Nazrul Islam [2022]**, "Passive Hybrid Control of structures using Base Isolation and TMD" a chapter of the book Current Advances in Civil Engineering Research, (https://www.integratedpublications.in/books/1653641255-current advances-in-civil-engineering-research-volume-1), ISBN: 978-93-93502-92-6, Integrated Publications. (https://doi.org/10.22271/int.book.137), pp 49-62

24. Manish Sharma, Md. Imteyaz Ansari and **Nazrul Islam [2022]**, "A Comparative Study between Pseudo-Static and Dynamic Analyses of Keddara Dam" Journal of Architectural Environment & Structural Engineering Research (ISSN online:2630-5232), Bilingual Publishing Co. (https://doi.org/10.30564/jaeser), Vol. 05, issue 02, pp 16-24.

25. Manish Sharma, Md. Imteyaz Ansari and **Nazrul Islam [2022]**, "Role of GPS Tracking in Monitoring the Survival and Hunting of Wildlife" Universe International Journal of Interdisciplinary Research,(https://www.doi.org/doilink/05.2022-16916714/UIJIR),2(11), pp 42-48.

26. Sharma M, Ansari MI, **Islam N (2022)** Study of concrete filled Unplasticized poly-vinyl chloride tubes as columns under axial loading. **J Mech Mater Mechan Res** 5(1):10–17

27. Mohd. Moonis Zaheer and **Nazrul Islam [2021]**, "Aero Dynamic and Hydro Dynamic Force Simulation for the Dynamics of Double-Hinged Articulated Offshore Tower", Wind and Structure - an International Journal, Techno Press, Vol.33, No.2(2021)341-354, *https://doi.org/10.12989/was.2021.33.2.141.*

28. Mohd. Moonis Zaheer, Syed Danish Hasan, **Nazrul Islam** and Moazzam Aslam **[2021]**, "Aero Dynamic and Hydro Dynamic Force Simulation for the Dynamics of Double-Hinged Articulated Tower without and with Ground Shock", Ocean Systems Engineering, an International Journal, Techno Press, Vol.11, No.1(2021)17-42, *https://doi.org/10.12989/ose.2021.11.1.017.*

29. Mohammed Arham Siddiqui and **Nazrul Islam [2021]**, "A Study on High Performance Concrete", International research Journal of Engineering and Technology (IRJET), Vol.08, issue :05(May 2021), https://www.irjet.net e-ISSN:2396-0056, pISSN:2395-0072

30. Ali Hamza, Moazzam Aslam and **Nazrul Islam [2021]**, "Analogous Analysis of Duple Pivot Articulated Tower in Diverse Aqua Extents", Int. Journal of Design Engineering, Toronto, Scopus, vol. 2021: issue-7, ISSN:0011-9342, https://thedesignengineering.com, 8505-8512.

31. Mohd. Moonis Zaheer and **Nazrul Islam [2020]**, "Effect of Current on the Dynamic Response of a Bi-Articulated Offshore Tower", Advances in Structural Engineering, SAGE, *DOI: 10.1177/1369433220930324*, May 2020), pp.01-13.

32. Mohit Kumar Bharti, Manish Sharma, **Nazrul Islam [2020]**, "Study on the Dam and Reservoir and Analysis of Dam Failures: A Database Approach", International Research Journal of Engineering and Technology, (http:// www.irjet.net), e-ISSN: 2395-0056,p-ISSN: 2395-0072, Volume: 07 Issue: 05 (May 2020) pp. 1661-1669 (Impact Factor: 7.529)

33. Bharti MK, Sharma M, **Islam N (2020)** Study on the dam & reservoir, and analysis of dam failures: a data base approach**. Int Res J Eng Technol** 7(5):1661–1669.

34. Nauman Mohammed, **Islam Nazrul [2019],** "Comparative Seismic Response of Existing RC School Building with and without Shear Walls", American Journal Of Engineering Research (AJER) eISSN: 2320-0847, p-ISSN: 2320-0936,(http:// www.ajer.org) volume 8, Issue 4 (April 2019), pp.07-15.

35. Nauman Mohammed and **Islam Nazrul [2019]**, "Seismic Response of Existing Reinforced Cement Concrete Structure after Addition of Cross Bracings", International Journal Of Engineering Research And Development e- ISSN: 2278-067X, p-ISSN: 2278-800X,(http:// www.ijerd.com) volume 15, Issue 1 (January 2019), pp.59-66

36. Manish Sharma, **Nazrul Islam** and Imteyaz. A. Ansari **[2019]**, "Seismic performance Evaluation of Structures Using Base Isolation and TMD" International Journal of Scientific and Engineering Research, (http:// www.ijser.org) ISSN2229-5518, volume10, issue 2, (Feb 2019) pp. 06-13

37. Mohd.Moonis Zaheer and **Nazrul Islam [2017]**, "Dynamic response of Articulated Towers under correlated wind and waves", Ocean Engineering, vol.132(2017), pp- 114 -125, *https://doi.org/10.1016/j.oceaneng.2017.01.019*

38. Moazzam Aslam and **Nazrul Islam [2016]**, "Pseudo random interpretation of double hinged ALP under aerodynamic loading", Special issue on Engineering and Material Sciences, Elsevier, Perspectives in Science (2016), Volume no. 8, ISSN: 2213-0209, (Apr. 2016), pp 217 -221, *https://doi.org/10.1016/j.pisc.2016.03.021*

39. **Nazrul Islam [2016]**, "Earthquake Engineering: Demanding Profession", Danik Jagaran, Hindi News Paper (Daily), published from New Delhi, (http://www.jagranjosh.com), Josh, (Jan.-13, 2016), pp 15.

40. Moazzam Aslam and **Nazrul Islam [2015]**, "Reliability Analysis of Double Pendulum ALP", International Journal of Science Technology and Engineering (ISSN:2349-784X), (http://www.ijste.org), Vol.2, issue 6, (Dec. 2015), pp 54 -60.

41. Mohd.Moonis Zaheer and **Nazrul Islam [2015]**, "A Parametric Study on the Dynamics of Bi-Articulated Offshore Tower", International Journal of New Technologies in Science and Engineering (ISSN: 2349 - 0780), (http://www.ijntse.com), Vol.2, issue 4, (Oct. - 2015), pp-207 -216.

42. Sachin Dhiman,Mohammed Nauman and **Nazrul, Islam [2015]** "Behaviour of Multistorey Steel Structure With Different Type of Bracing Systems (A software Approach)" International Refereed Journal of Engineering and Science(IRJES), (www.irjes.com), Vol. 4, issue 1, (Jan. 2015) ISSN (Online) 2319-1821,pp 70-82.

43. Prashant Atreya, **Nazrul Islam**, Mehtab Alam, Syed Danish Hasan **[2014],** "Dynamic Stability of Articulated Offshore Tower under Seismic Loading", International Journal of Engineering and Innovative Technology (IJEIT), Vol 4, Issue 2, (August. 2014) 137-147.

44. Abdul Ahad, **Nazrul Islam** and Abhishek Jain **[2014],** "Fluctuating Wind Response of Double Hinged Articulated Offshore Platform", Global Science and Technology Journal, Global Institute of Science and Technology, Australia,(http://www.gstjpapers.com) Volume.2, No. 1, (Mar. 2014), pp.31-41.

45. M.M. Zaheer, **Nazrul Islam** and M. Moazzam Aslam **[2014]**, "Response of Double Pendulum Compliant Offshore Tower to collinear wave and current forces", ***International Journal of Innovative Research in Science, Engineering and Technology (ISSN:23198753)***, Vol.3,issue 1, (*Jan. 2014*)8398-8411.

46. Mohammed Nauman and **Nazrul**, **Islam [2014]** "Behaviour of RCC Multi-storey Structure With and Without Infill Walls " ***International Journal of Innovative Research in Science, Engineering and Technology (ISSN:2319-8753)***, Vol. 3,issue 1, (*Jan. 2014*) 8455-8465.

47. Prashant Atrey, **Nazrul Islam,** Mehtab Alam and Syed Danish Hassan **[2013]**, "Seismic Response and Stability Analysis of Single Hinged Articulated Tower", ***Open Journal of Civil Engineering (http:/www.scrip.org/journal/ojce)***, Vol. 3, No. 4, (*Dec. - 2013*) 234-241. (http://dx.doi.org/10.4236/ojce.2013.34028)

48. Nauman Mohammed and **Islam Nazrul**, **[2013]** "Behaviour of Multistorey RCC Structure with different type of Bracing System " ***International Journal of Innovative Research in Science, Engineering and Technology (ISSN:2319-8753)***, Vol. 2,issue 12, (*Dec. 2013*) 7465-7478.

49. Atrey,P.,**Islam Nazrul**,Alam,M. and Hassan,S.D. **[2013]**, "Dynamic Stability Analysis of Compliant Offshore Structures - A case study of Single Hinged Articulated Tower", ***International Journal of Innovative Research in Science, Engineering and Technology (ISSN:2319-8753)***, Vol. 2,issue 11, (*Nov. 2013*) 6081-6093 ***(http:/www.ijirset.com)***

50. Atrey,P.,**Islam Nazrul**,Alam,M. and Hassan,S.D. **[2013]**, "Application of Phase Plot for Dynamic Stability Analysis of Compliant Offshore Structures", ***International Journal of Engineering and Innovative Technology(IJEIT) (ISSN:227-3754)***, Vol. 3,issue 4, (*Oct. 2013*) 388-395**.**

51. Moazzam Aslam, **Nazrul Islam,** M.M. Zaheer and M. Alam **[2013]**, "Behaviour of double pendulum loading platform under ocean current", ***International Journal of Innovative Research in Science, Engineering and Technology (ISSN:2319-8753)***, Vol. 2,issue 6, (June 2013) 2145-2152**.**

52. Moazzam Aslam, **Nazrul Islam,** M.M. Zaheer and M. Alam **[2013]**, "Comparative response of double hinged ALP using Airy's and Stoke's wave theories", ***International Journal of Innovative Research in Science, Engineering and Technology (ISSN:2319-8753)***, Vol. 2, issue 5, (May 2013) 1532-1539**.**

53. Abhishek Jain and **Nazrul Islam, [2013]**, "Use of flyash as partial replacement of sand in cement mortar", ***International Journal of Innovative Research in Science, Engineering and Technology (ISSN:2319-8753)***, Vol. 2, issue 5, (May 2013) 1532-1539**.**

54. Zaheer M.M., and **Islam, N. [2012]**, "Stochastic response of a double hinged articulated leg platform under wind and waves", ***Journal of Wind Engineering and Industrial Aerodynamics***, Vol. 111(2012) 53-60**.** *(http://www.elsevier.com/locate/jweia)*

55. Syed Danish Hasan, **Nazrul Islam** and Khalid Moin, **[2011**]. "Multi-hinged Articulated Offshore Tower under Vertical Ground Excitation". ***Journal of Structural Engineering@ ASCE*** Vol. 137, No. 4, April 1, 2011,©***ASCE,*** *ISSN 0733-9445/2011/4*-469-480. https://doi.org/10.1061/(ASCE)ST.1943-541X.0000284

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