

❖ **PERSONAL PARTICULARS**

**Name** : **Md. Imteyaz Ansari**

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❖ **EDUCATIONAL QUALIFICATION**

Name of Examinations	Board/Institution/ University	Year of passing	Subjects/ Specialization
<b>Ph. D.</b>	IIT Roorkee	2017	Structural Dynamics
<b>M. Tech.</b>	IIT Roorkee	2012	Structural Dynamics
<b>B. Tech.</b>	ZHCET, A.M.U., Aligarh	2010	Civil Engineering
<b>Diploma</b>	University Polytechnic, A.M.U., Aligarh	2006	Civil Engineering
<b>Matriculation</b>	Bihar School Examination Board, Patna	2002	-

**Title of Thesis in Ph.D.:** *Evaluation of Damage Indices for Risk Assessment of Concrete Gravity Dams*

❖ **Ph.D. / M. Tech. Supervised**

- |  |          |      |
|--|----------|------|
| 1. Md. Javed Iqbal, Performance Based Seismic Upgradation of RC Building Using Pushover Analysis | M. Tech. | 2020 |
| 2. Aadil Khan Ghazi, Seismic Response Control for a Vertical Irregular Building using TMD        | M. Tech. | 2019 |
| 3. Mohd. Sharique, Seismic Response Study of a Vertical Irregular Building                       | M. Tech. | 2019 |
| 4. Manish Sharma, Seismic Potential Parameter for Concrete Gravity Dams                          | M. Tech. | 2018 |
| 5. Ankit Sharma, Bonding Behaviour of Araldite coated Bamboo Reinforcement in Beam Specimen      | M. Tech. | 2017 |
| 6. Dimple Sharma, Bonding Behaviour of Bitumen coated Bamboo Reinforcement in Beam Specimen      | M. Tech. | 2017 |
| 7. Rohit Chandel, Bonding Behaviour of Tapecrete coated Bamboo Reinforcement in Beam Specimen    | M. Tech. | 2017 |

❖ **PUBLICATIONS**

**A. Journal:**

**A1: Published/Accepted**

1. Anas, S. M., **Ansari, Md. I.**, and Alam, Mehtab. (2020) "Performance of Masonry Heritage Building under Air-Blast Pressure without and with Ground Shock," *Australian Journal of Structural Engineering*, 21:4, 329-344. <https://doi.org/10.1080/13287982.2020.1842581> [ Journal Ranking Q2]
2. Anas, S. M., **Ansari, Md. I.**, and Alam, Mehtab. (2021) "A Study on Existing Masonry Heritage Building to Explosive-Induced Blast Loading and its response," *International Journal of Structural Engineering*, Vol.11 No.4, pp.387 - 412 [ Journal Ranking Q3]
3. Hussain, A., Husain, A. and **Ansari, Md. I.** (2020) "Vulnerability Assessment of a Reinforced Concrete Building Frame," Smart Cities—Opportunities and Challenges, *Lecture Notes in Civil Engineering* 58: 683-692. [https://doi.org/10.1007/978-981-15-2545-2\\_56](https://doi.org/10.1007/978-981-15-2545-2_56) [Journal Ranking Q4]
4. Sharma, M., **Ansari, Md. I.** and Islam, N. (2020) "Seismic performance evaluation of structures using base isolation and tmd," *International Journal of Scientific and Engineering Research* 10(3): 6-13.
5. **Ansari, Md. I.** (2019) "Fragility Analysis of Concrete Gravity Dam on the Basis of Different Ground Motion Severity Parameters," *Seismic Hazard Mitigation of Structures* published by Cyber Tech, 1-339: pp 159-168.
6. Sharma, M. and **Ansari, Md. I.** (2019) "Seismic Response Prediction of Concrete Arch Dam," *Seismic Hazard*

## Curriculum Vitae of Dr. Md. Imteyaz Ansari

*Mitigation of Structures* published by Cyber Tech, 1-339: pp 307-3014.

7. **Ansari, Md. I.**, Saqib, M. and Agarwal, P. (2018) "Geometric configuration effect on non-linear seismic behaviour of concrete gravity dam," *Journal of Earthquake and Tsunami*, 12 (01): 1850003 1-25. <https://doi.org/10.1142/S179343118500033>. (Impact Factor: 1.483) [Journal Ranking Q3]
8. Sadique, M. R., **Ansari, Md. I.** and Athar, M. F. (2018) "Response study of concrete gravity dam against aircraft crash," *Materials Science and Engineering*, 404 012027. <https://iopscience.iop.org/article/10.1088/1757-899X/404/1/012027>
9. **Ansari, Md. I.** and Agarwal, P. (2017) "Damage index evaluation of concrete gravity dam based on hysteresis behaviour and stiffness degradation under cyclic loading," *International Journal of Structural Stability and Dynamics*, 17 (01) 1750009. <http://dx.doi.org/10.1142/S0219455417500092>. (Impact Factor: 2.558) [Journal Ranking Q2]
10. **Ansari, Md. I.** and Agarwal, P. (2017) "Comparison of damage indexes proposed for concrete gravity dam," *Dam Engineering*, XXVII (2): 1-15.
11. **Ansari, Md. I.** and Agarwal, P. (2017) "Effects of re-entrant corner on seismic performance of high concrete gravity dams," *Procedia Engineering*, 173: 1886–1893. <http://dx.doi.org/10.1016/j.proeng.2016.12.246>. (Impact Factor: 1.437)
12. Saqib, M. and **Ansari, Md. I.** (2017) "Computation of stresses in concrete gravity dam under seismic loading through ANN and FEM," *Procedia Engineering*, 173: 1779–1783. <http://dx.doi.org/10.1016/j.proeng.2016.12.218>. (Impact Factor: 1.437)
13. **Ansari, Md. I.** and Agarwal, P. (2016) "Categorization of damage index of concrete gravity dam for the health monitoring after earthquake," *Journal of Earthquake Engineering*, 20(8):1222–1238. <http://dx.doi.org/10.1080/13632469.2016.1138167>. (Impact Factor: 3.994) [Journal Ranking Q1]
14. **Ansari, Md. I.** and Agarwal, P. (2016) "Rehabilitation technique for severely damaged concrete gravity dam," *Practice Periodical on Structural Design and Construction*, 21(3): 04016008. [http://dx.doi.org/10.1061/\(ASCE\)SC.1943-5576.0000287](http://dx.doi.org/10.1061/(ASCE)SC.1943-5576.0000287). (Impact Factor: 0.75) [Journal Ranking Q2]
15. Saqib, M., **Ansari, Md. I.** and Agarwal, P. (2016) "Effectiveness of ANN for seismic behaviour prediction considering geometric configuration effect in concrete gravity dams," *Perspectives in Science*, 8: 432-434. <http://dx.doi.org/10.1016/j.pisc.2016.04.097>. (Impact Factor: 1.36)

### B. International/National conference/Seminar:

1. **Ansari, Md., I.** and Agarwal, P. (2014) "The Evaluation of R-factor for Bridge Pier in Indian context," 3rd International Conference on Emerging Trends in Engineering & Technology, TMU, Moradabad, May 9-10.
2. **Ansari, Md., I.** and Agarwal, P. (2016) "Damage index criteria of concrete gravity dam for seismic vulnerability assessment," International conference on recent trends in engineering and material sciences, JNU, Jaipur, March 17-19.
3. Saqib, M., **Ansari, Md., I.** and Agarwal, P. (2016) "Effectiveness of ANN for seismic behaviour prediction considering geometric configuration effect in concrete gravity dams," International conference on recent trends in engineering and material sciences, JNU, Jaipur, March 17-19.
4. **Ansari, Md. I.** and Agarwal, P. (2016) "Effects of re-entrant corner on seismic performance of high concrete gravity dams," 11th International Symposium on Plasticity and Impact Mechanics, Implast-2016.
5. Saqib, M. and **Ansari, Md. I.** (2016) "Computation of stresses in concrete gravity dam under seismic loading through ANN and FEM," 11th International Symposium on Plasticity and Impact Mechanics, Implast-2016.
6. **Ansari, Md. I.** (2017) "Fragility analysis of concrete gravity dam on the basis of different ground motion severity parameters," National Seminar on Seismic Hazard and Mitigation of Structures, JMI, New Delhi, November 20-21.
7. Sharma, M. and **Ansari, Md. I.** (2017) "Seismic response prediction of concrete arch dam," National Seminar on Seismic Hazard and Mitigation of Structures, JMI, New Delhi, November 20-21.
8. Sadique, M. R., **Ansari, Md. I.** and Athar, M. F. (2018) "Response study of concrete gravity dam against aircraft crash," International Conference on Contemporary Research in Mechanical Engineering with Focus on "Materials and Manufacturing" ICCRME-2018.
9. **Ansari, Md. I.**, Sadique, M. R. and Agarwal, P. (2018) "Comparative damage behaviour of a concrete gravity dam under earthquake load and aircraft impact load," 16<sup>th</sup> Symposium on Earthquake Engineering, IIT Roorkee, Dec.20-22.
10. Ahsan, H, Husain, A and **Ansari, Md. I.** (2018) "Seismic analysis of RC shear wall frame buildings with and without openings in shear wall," 16<sup>th</sup> Symposium on Earthquake Engineering, IIT Roorkee, Dec.20-22.
11. Husain, A and **Ansari, Md. I.** (2019) "Seismic response of a typical bridge pier with and without base isolator," Symposium of the International Association for Computer Methods and Advances in Geomechanics (IACMAG), IIT Gandhinagar, India, March 5-7.
12. Hussain, A., Husain, A. and **Ansari, Md. I.** (2019) "Vulnerability Assessment of a Reinforced Concrete Building Frame," International Conference on Smart Cities Opportunities & Challenges (ICSC 2019), Mar. 14-16.
13. Zaid, M., Sadique, M. R. and **Ansari, Md. I.** (2019) "Three Dimensional Finite Element Analysis of Concrete Dams," National Conference on Water Resources Management (WRM2019), March 15 - 16, Civil Engineering Department, AMU, Aligarh.
14. Anas, S. M., Alam, M. and **Ansari, Md. I.** "Performance of Composite Reinforced Concrete Slabs under Blast Loading," 12<sup>th</sup> Structural Engineering Convention, Malaviya National Institute of Technology Jaipur, Rajasthan, India.

**C. Organized/Attended - Conference / Symposium / Workshop:**

1. Online FDP on "Underground Space Utilization" from 2021-1-18 to 2021-1-22 at Zakir Husain College of Engineering and Technology by AICTE Training And Learning (ATAL) Academy
2. International Conference on Smart Cities Opportunities & Challenges (ICSC 2019), JMI, New Delhi, Mar. 14-16.
3. Organized one day International Seminar on "Application of Reliability and Risk Analysis to Civil Engineering and beyond" at JMI, New Delhi, 23<sup>rd</sup> January, 2019
4. National Seminar on Seismic Hazard and Mitigation of Structures, JMI, New Delhi, November 20-21, 2017.
5. Faculty Development Program at DIT University, 19<sup>th</sup> – 24<sup>th</sup> December 2016, Dehradun.
6. International conference on recent trends in engineering and material sciences, ICEMS-2016 at JNU, Jaipur, March 17-19.
7. 3rd International Conference on Emerging Trends in Engineering & Technology, TMU, Moradabad, May 9-10.
8. Symposium on Entrepreneurship, Feb. 20-22, 2006 at University Polytechnic, A.M.U. Aligarh.
9. International Conference, ICETESE-2009 at Z.H.C.E.T. A.M.U. Aligarh.
10. Workshop on Disaster Management, Oct. 9-11, 2009 at Z.H.C.E.T. A.M.U. Aligarh.

**❖ EXPERIENCE**

S. No.	Job Description	Organisation	Duration
1.	Assistant Professor	DIT University, Dehradun	August 2016 to August 2017
2.	Assistant Professor (Contractual)	Jamia Millia Islamia, New Delhi	August 2017 to Present

**❖ SUBJECTS TAUGHT**

S. No.	Subject Name	Undergraduate/Postgraduate	Year
1	Advanced Concrete Technology	Post graduate	2016
2	Pre-stressed concrete	Post graduate	2016
3	Design of Tall buildings	Post graduate	2016
4	Structural Dynamics	Post graduate	2017
5	Finite Element Analysis	Post graduate	2017
6	Earthquake Resistant design of Structures	Post Graduate	2017, 2018, 2019
7	Fundamental of Earthquake Analysis	Post graduate	2021
8	Advanced Structural Design	Graduate	2017
9	Earthquake Resistant design of Structures	Graduate	2021
10	Solids Mechanics	Graduate	2017, 2018, 2019
11	Structural Analysis-I	Graduate	2020
11	Basics of Civil Engineering	Graduate	2018, 2019, 2020, 2021
12	Solids Mechanics Lab.	Graduate	2017, 2018, 2019
13	Surveying Lab.	Graduate	2017, 2018, 2019
14	Geomatics Lab.	Graduate	2019, 2020, 2021

**❖ AREA OF ACADEMIC/RESEARCH INTEREST**

1. Earthquake Resistant Design of Structures
2. Non-Linear Modelling and Analysis of Structures
3. Structural Dynamics
4. Extreme Loading
5. Dam Engineering

❖ **REVIEWER IN JOURNALS**

1. *Practice Periodical on Structural Design and Construction*, ASCE.
2. *International Journal of Structural Stability and Dynamics*, World Scientific.
3. *Bulletin of Earthquake Engineering*, Springer
4. *Innovative Infrastructure Solutions*, Springer
5. *Journal of Asian Architecture and Building Engineering*, Taylor & Francis
6. *Sadhana, Indian Academy of Sciences*
7. *Sigma Journal of Engineering and Natural Sciences*
8. *Shock and Vibration*, Hindawi

**Date:** 16/11/2021

**Place:** New Delhi

**Dr. Md. Imteyaz Ansari**