

Dr. Saba Shamim

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EXPERIENCE

S. No.	Post	From	To	Institution/Organisation
1.	Guest Faculty	29-07-2024	Present	Department of Civil Engineering, Jamia Millia Islamia (JMI), New Delhi
2.	Guest Faculty	1-09-2023	01-06-2024	Civil Engineering section, University Polytechnic, Jamia Millia Islamia (JMI), New Delhi
3.	Guest Faculty	13-09-2022	15-06-2023	Civil Engineering section, University Polytechnic, Jamia Millia Islamia (JMI), New Delhi
4.	Research Assistant (RA)	1-10-2017	30-04-2019	TEQIP III
5.	Project Fellow	1-07-2016	31-03-2017	University Grants Commission (UGC): File no. 3.44/2012 (SAP II-DRS I)
6.	Trainee	05-06-2013	05-07-2013	Building Department, Aligarh Muslim University (AMU), Aligarh

EDUCATIONAL QUALIFICATION

Degree	Subject	Year of passing/award	Institution	University/Board	Percentage
Ph.D.	Civil Engineering	2020	Zakir Husain College of Engineering and Technology	Aligarh Muslim University (AMU), Aligarh	Awarded
M. Tech.	Civil/structural Engineering	2016	Zakir Husain College of Engineering and Technology	Aligarh Muslim University (AMU), Aligarh	85%
B. Tech.	Civil Engineering	2014	Zakir Husain College of Engineering and Technology	Aligarh Muslim University (AMU), Aligarh	86%

CREDENTIALS AND REWARDS

S. No.	Name	Year	University	Remarks
1.	University Gold Medal	2014	Aligarh Muslim University (AMU), Aligarh	Awarded for standing First at the B.Tech. (Civil Engineering) examination.
2.	Maulana Tufail Ahmad Gold Medal	2014	Aligarh Muslim University (AMU), Aligarh	Awarded for standing First at the B.Tech. (Civil Engineering) examination.

SCHOLARSHIPS

S. No.	Name	From	To	Institution/Organisation
1.	Scholarship under the head “Research Assistantship under TEQIP III project”	October 2017	April 2019	TEQIP III
2.	UGC GATE scholarship	August 2014	June 2016	University Grants Commission (UGC)
3.	University Merit scholarship	August 2010	May 2014	Aligarh Muslim University (AMU), Aligarh

PAPER PRESENTATIONS

S. No.	Title of Paper	Name of Conference	Organiser	Date
1.	Analysis of Two-Storey Masonry Structure Under Blast Loading	Global Conference on Recent Advancements in Sustainable Materials (GC-RASM 2022)	AJ Institute of Engineering & Technology, Mangalore, Karnataka	28 th to 29 th July 2022
2.	Isotropic Modelling and Blast Analysis of Heritage Structure	International Conference on Recent advances in engineering materials (ICRAEM 2022)	Alva's Institute of Engineering and Technology, Moodbidri, Karnataka.	3 rd to 5 th March 2022
3.	Dynamic Response of Masonry Panel under High-Strain Loading Condition	International Conference on Advances in Structural Mechanics and Applications (ASMA-2021)	National Institute of Technology (NIT), Silchur	6 th to 8 th October 2021
4.	An Investigation on Response of Blast Load on Masonry Structure	International Conference on Smart Cities- Opportunities & Challenges	Jamia Millia Islamia (JMI), New Delhi	14 th to 16 th March 2019
5.	Reliability Analysis of Gravity Dam under Seismic Forces	National Conference on Water Resources Management (WRM 2019)	Aligarh Muslim University (AMU), Aligarh.	15 th to 16 th March 2019
6.	Finite Element Analysis of Masonry Wall Subjected to Blast Loading	International Conference on Advances in Mechanical, Civil, And Construction Engineering	International Research Forum for Engineers and Researchers (IRF), New Delhi	17 th February 2019

PAPER PUBLICATIONS

S. No.	Title of paper	Name(s) of Author(s)	Name of Journal	Year of publication	Vol. No. (Issue No.), pp.	SCI/ SCOPUS/ Others	Publisher
1.	Fragility analysis of masonry wall subjected to blast loading	Shamim S., Khan R. A. and Ahmad S.	Structures	2022	39, 1016-1030	SCI, SCOPUS (Q1)	Elsevier
2.	Numerical study on dynamic response of hollow and cavity type clay brick masonry infill panels subjected to blast loading	Shamim S., Ahmad S. and Khan R. A.	Engineering Failure Analysis	2023	146, 107104	SCI, SCOPUS (Q1)	Elsevier

3.	Response spectrum analysis of reinforced concrete frames having mass irregularity	Shamim S. , Fatima S., Alam M., Khan W. and Siqqiqui A.H.	Journal of Construction Management	2023	XXXVIII (1), 5-19	UGC (Care-I)	NICMAR
4.	Effect of waste ceramic sanitary ware as partial replacement of aggregates and cement in concrete	Ahmad S., Khan R.A., Shamim S. and Chandra U.	Innovative Infrastructure Solutions	2023	8, 205	SCOPUS (Q2)	Springer
5.	Assessing the Influence of Bandhwari Landfills on Groundwater Quality using Pollution index of groundwater (PIG) and Leachate pollution index (LPI) in Gurugram, India	Alam A., Shamim S. , Fatima S., Siddiqui A.H., Alam M.M. and Khan W.U.	African Journal of Biological Sciences	2024	6 (9)	SCOPUS (Q4)	African science publication

S. No.	Title of Chapter	Name(s) of Author(s)	Title of Book	Year of publication	Vol. No. (Issue No.), pp.	Publisher
1.	Dynamic Response of Masonry Panel under High-Strain Loading Condition	Shamim S. , Ahmad S. and Khan R.A.	In: Fonseca de Oliveira Correia, J.A., Choudhury, S., Dutta, S. (eds). <i>Advances in Structural Mechanics and Applications. ASMA 2021. Structural Integrity</i>	2023	26, 78-89	Springer, Cham
2.	An Investigation on Response of Blast Load on Masonry Structure	Shamim S. , Ahmad S. and Khan R.A.	In: Ahmed, S., Abbas, S., Zia, H. (eds). <i>Smart Cities—Opportunities and Challenges. Lecture Notes in Civil Engineering</i>	2020	58, 527-537	Springer, Singapore

S. No.	Title of paper	Name(s) of Author(s)	Name of Conference	Proceeding and year of publication	Vol. No. (Issue No.), pp.	SCI/ SCOPUS/ Others	Publisher
3.	Analysis of Two-Storey Masonry Structure under Blast Loading	Ismail Raza, Saba Shamim , Shakeel Ahmad, Rehan A. Khan	Global Conference on Recent Advancements in Sustainable Materials (GC-RASM 2022)	Materials Today Proceedings (2023)	80, 1605-1610	SCOPUS	Elsevier

4.	Isotropic Modelling and Blast Analysis of Heritage Structure	Ismail Raza, Saba Shamim , Shakeel Ahmad, Rehan A. Khan	International Conference on Recent advances in engineering materials (ICRAEM 2022)	Materials Today Proceedings (2022)	66, 2527-2553	SCOPUS	Elsevier
5.	Reliability Analysis of Gravity Dam under Seismic Forces	Saba Shamim , Rehan A. Khan, Shakeel Ahmad	National Conference on Water Resources Management (WRM 2019)	Proceedings of National Conference on Water Resources Management (2019)	1, 182-188	others	CED, ZHCET, Aligarh Muslim University (AMU), Aligarh
6.	Experimental and Analytical Study of Seismic Low-Cost Retrofitted Masonry Building	Shakeel Ahmad, Rehan A. Khan, Saba Shamim , Mohammad Asad	10 th Australasian Masonry Conference (10AMC)	Proceedings of the 10 th Australasian Masonry Conference (2018)	10AMC, 572-580	others	Queensland University, Australia

PEER REVIEWER IN JOURNALS

- Thin-walled structures, Elsevier
- Archives of Civil Engineering, Springer

WORK GUIDED

- **Guided “Diploma in Civil Engineering” project** entitled "Analysis and design of commercial complex” (2024).
- **Guided “Diploma in Civil Engineering” project** entitled "Design of shopping complex, detailing of RCC drawing and Estimation of materials” (2023).

WORKSHOPS ATTENDED

S. No.	Name of Workshop	Organiser	Date
1.	National workshop on Seismic Safety of Structures	Department of Civil Engineering, AMU, Aligarh (under, SAP-UGC Project)	20 th March 2017
2.	First National workshop on ‘Seismic Safety of Structures	Department of Civil Engineering, AMU, Aligarh (under, UGC-DRS-I (SAP) Programme)	30 th March 2013
3.	Advances in Geotechnical and Transportation Engineering	Department of Civil Engineering, AMU, Aligarh (under, TEQIP II)	9 th March 2013
4.	Advances in Structural Engineering	Department of Civil Engineering, AMU, Aligarh (under, TEQIP II)	6 th March 2013
5.	Need and Quality of Education of Muslims in India	Promotion of Educational and Cultural Advancement of Muslims of India (CEPECAMI), AMU, Aligarh.	23-24 th March 2013

IT PROFICIENCY

- ABAQUS
- SAP2000
- STAAD Pro.
- AutoCAD
- Microsoft Office

REFERENCES

Dr. Shakeel Ahmad

Professor, Department of Civil Engineering, Aligarh Muslim University (AMU), Aligarh.
Contact: 9412877550 Email: shakeel60in@yahoo.co.in

Dr. Rehan A. Khan

Professor, Department of Civil Engineering, Aligarh Muslim University (AMU), Aligarh.
Contact: 9634618899 Email: rehan_iitd@rediffmail.com