Research & Publications

Prof. Dr. Munaz Ahmed Noor

92 unique publications | Updated October 29, 2026

2025

01. E. B. Rahman, M. A. Mahmud, T. Manzur and M. A. Noor. “Influence of Aggregate Gradation and Binder Type on Compressive Strength, Durability, Service Life, and Carbon Footprint of Concrete”. Proceedings of the International Conference on Civil Engineering Research & Innovations (ICCEI 2025). Rajshahi University of Engineering & Technology. 2025. pp. 399-404. Paper ID: 751.

2022

02. Rubaiya Rumman, Meraj Rubayat Kamal, Tanvir Manzur and Munaz Ahmed Noor. “Optimum proportion of fly ash or slag for resisting concrete deterioration due to carbonation and chloride ingress”. Structures. Vol. 41. 2022. pp. 287-305.

03. Tanvir Manzur, Munaz A Noor and Tafannum Torsha. “Reducing Chloride Induced Corrosion Risk and Associated Life Cycle Cost of Marine RC Structure: Bangladesh Perspective”. Canadian Society of Civil Engineering Annual Conference. 2022. pp. 993-1001.

2021

04. M. R. Kamal, R. Rumman, T. Manzur, M. A. Noor and M. S. Bari. “A Novel Durability Based Concrete Mix Design Using Supplementary Cementitious Materials and Modified Aggregate Band Gradation”. International Journal of Civil Engineering. Vol. 19. Springer. 2021. pp. 39-50. DOI: 10.1007/s40999-020-00555-y.

05. Rahman Kaoser Kaoser, Khan M Amanat and Munaz A Noor. “Effect of Fly Ash on Compressive Strength of Mortar and Brick Aggregate Concrete”. International Journal of Concrete Technology. Vol. 7, no. 1. 2021. pp. 7-23.

06. Tarek Uddin Mohammed, Aziz Hasan Mahmood, Shibly Mostafiz Apurbo and Munaz Ahmed Noor. “Substituting Brick Aggregate with Induction Furnace Slag for Sustainable Concrete”. Sustainable Materials and Technologies. Vol. 29. Elsevier. 2021. pp. e00303. DOI: 10.1016/j.susmat.2021.e00303.

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07. Tanvir Manzur, Mohammad Hasan Mahmood, Bayezid Baten, Md. Jihan Hasan, Md. Raquibul Hossain, Munaz Ahmed Noor and Nur Yazdani. “Assessment of Progressive Collapse Proneness of Existing Typical Garment Factory Buildings in Bangladesh”. Journal of Performance of Constructed Facilities. Vol. 34, no. 5. American Society of Civil Engineers (ASCE). 2020. pp. 04020101. DOI: 10.1061/(ASCE)CF.1943-5509.0001496. F.ASCE: Nur Yazdani, ORCID: 0000-0001-5637-0965.

2019

08. Tanvir Manzur, Sayedur Rahman, Tafannum Torsha, Munaz Ahmed Noor and Khandaker M Anwar Hossain. “Burnt clay brick aggregate for internal curing of concrete under adverse curing conditions”. KSCE Journal of Civil Engineering. Vol. 23. Korean Society of Civil Engineers. 2019. pp. 5143-5153.

2017

09. Shohana Iffat, Tanvir Manzur and Munaz Ahmed Noor. “Durability performance of internally cured concrete using locally available low cost LWA”. KSCE Journal of civil engineering. Vol. 21, no. 4. Elsevier. 2017. pp. 1256-1263.

10. Fahim Ahmed, Munaz Ahmed Noor, Muhammad Nazmul Huda, Fazle Rabbi and Md. Rashedul Hasan. “Effect of Internal Curing on Concrete Properties”. Proceedings of the 71st RILEM Annual Week & ICACMS 2017. RILEM Publications SARL. 2017. pp. 249-258.

11. Shohana Iffat, Tanvir Manzur, Sayedur Rahman and Munaz Ahmed Noor. “Optimum Proportion of Masonry Chip Aggregate for Internally Cured Concrete”. Journal Article. Vol. 11. Springer Netherlands. 2017. pp. 513-524.

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12. R Rumman, MR Kamal, T Manzur and A Noor. “Comparison of CEM I and CEM II cement concretes in terms of water permeability”. Proc. Int. Conf. Civil Eng. Sustain. Dev., Khulna, Bangladesh. 2016.

2015

13. R Rumman, MR Kamal, T Manzur and MA Noor. “Durability performance of locally produced OPC and PCC cement concretes”. International Conference on Recent Innovation in Civil Engineering for Sustainable Development. DOI. Vol. 10. 2015.

14. Tanvir Manzur, Shohana Iffat and Munaz Ahmed Noor. “Efficiency of sodium polyacrylate to improve durability of concrete under adverse curing condition”. Advances in Materials Science and Engineering. Vol. 2015, no. 1. Hindawi Publishing Corporation. 2015. pp. 685785.

15. T Manzur, S Iffat and MA Noor. “Relation between properties of internally cured concrete and water cement ratio”. International Journal of Civil, Environmental, Structural, Construction and Architectural Engineering. Vol. 9, no. 9. 2015. pp. 973-976.

16. Shohana Iffat, T Manzur and MA Noor. “Suitability of using super absorbent polymer in concrete as internal curing material: Bangladesh context”. Proceedings of UKIERI Concrete Congress, Concrete Research Driving Profit and Sustainability. 2015. pp. 1631-1643.

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18. Shohana Iffat, Kazi Maina and Munaz Ahmed Noor. “Beam Ductility Experiment Using 500 Grade Steel”. International Journal of Science and Engineering Investigations (IJSEI). Vol. 1, no. 1. Citeseer. 2012.

19. M. A. Noor. “Engineer's Role in Regional Cooperation in South Asia (SAARC)”. Proceedings of the National Seminar, Institution of Engineers, Bangladesh. 2012.

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24. W. B. Ashraf and M. A. Noor. “Compatibility of 5-10-14-18 and 5-10-18-22 Band Gradations for Required Concrete Properties”. Proceedings of Fib Symposium Prague 2011. 2011. pp. 321-324.

25. W. B. Ashraf and M. A. Noor. “Concrete Property Analysis with the Perspective of 5-10-14-18 and 5-10-18-22 Band Gradation”. Applied Mechanics and Materials. Vol. 84-85. 2011. pp. 101-105. DOI: 10.4028/www.scientific.net/AMM.84-85.101.

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27. M. Shamsuddoha, M. M. Islam and M. A. Noor. “Feasibility of producing aircrete using indigenous materials without autoclaving”. ISEC-6. 2011.

28. S. Khusru and M. A. Noor. “Inventory of Life Cycle CO2 Emission of Selected Building Materials of Bangladesh”. Proceedings of the 4th Annual Paper Meet and 1st Civil Engineering Congress. 2011. pp. 244-250.

29. Warda Bint Ashraf and Munaz Ahmed Noor. “Laboratory scale investigation on the band gradations of aggregate for concrete”. Journal of Materials in Civil Engineering, ASCE. 2011. Under review.

30. S. Iffat, K. Maina and M. A. Noor. “Member Ductility Experiment with High Strength Steel and Concrete”. Proceedings of the 4th Annual Paper Meet and 1st Civil Engineering Congress. 2011. pp. 244-250.

31. M. A. Noor and M. Kamruzzaman. “Microtremor Measurements of Two Historical Mosques in Bangladesh”. Proceedings of the 4th Annual Paper Meet and 1st Civil Engineering Congress. 2011. pp. 244-250.

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2008

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