

LIST OF PUBLICATIONS

Journal Publication

1. Nabo Kumar Barman, S. S. Bhattacharya, and R. Alagirusamy(2024). Textile structures in concrete reinforcement. *Textile Progress*, 56(1), 1–229. <https://doi.org/10.1080/00405167.2023.2266930>

Conference Paper Publication

1. Nabo Kumar Barman, Alagirusamy Ramasamy, Someshwar S. Bhattacharya. “Improving performance of concrete structures with textile reinforcements” In *Emerging Trends in Traditional and Technical Textiles-Select Proceedings of ICETT 2023*, edited by Vinay Midha, Raul Fanguero, S. Rajendran, First Edition, Springer Proceedings in Materials (SPM, volume 55)Springer Singapore, 2025, eBook ISBN 978-981-97-5902-6 https://doi.org/10.1007/978-981-97-5902-6_21.
2. Nabo Kumar Barman, S. S. Bhattacharya, R. Alagirusamy. “Development of Hybrid Yarn Based Woven Textile Structures for Textile Reinforced Concrete Applications” In *Industrial Textiles – Products, Applications and Prospects*, edited by G. Thilagavathi, S. Periyasamy, J. Krishnasamy, Satyajeet B. Chaudhari, First Edition, Woodhead Publishing India Pvt. Ltd., New Delhi, India, 2021,e-ISBN: 978-81-954048-9-6.

Book Chapter

3. Nabo Kumar Barman, R. Alagirusamy, and S. S. Bhattacharya. “Flexible Towpregs and Thermoplastic Composites for Civil Engineering Applications.” In *Flexible Towpregs and Their Thermoplastic Composites*, edited by Ramasamy Alagirusamy, First Edition, 357–96. Boca Raton: CRC Press, 2022. <https://doi.org/10.1201/9781003049715-13>.

Conference Presentations

1. Nabo Kumar Barman, S. S. Bhattacharya, and R. Alagirusamy. “Development of Hybrid Yarn Based Woven Textile Structures for Textile Reinforced Concrete Applications” In *Fifth International Conference on Industrial Textiles – Products, Applications and Prospects*, PSG College of Technology, Coimbatore, Tamilnadu, India, 23rd August 2020.
2. Nabo Kumar Barman, S. S. Bhattacharya, and R. Alagirusamy. “Application of Textile Structures and Composites to improve performance and durability of Building Structures”. In *2nd ICETT International Conference on Emerging Trends in Traditional and Technical Textiles*, Department of Textile Technology, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab, India. 1stNovember 2019.