

NANO-MODIFIED AND NANO-COATED FIBERS FOR CONCRETE

Speaker

Prof. Nemkumar (Nemy) Banthia

The University of British Columbia, Vancouver

Biography

Nemkumar (Nemy) Banthia is a University Killam Professor, Distinguished University Scholar and Canada Research Chair at The University of British Columbia. His primary area of research is in Sustainable Concrete Infrastructure and Use of Sensors and AI for Infrastructure Management. A mentor to many, Dr. Banthia has graduated over 75 doctoral and post-doctoral students. He holds 9 patents, has published over 500 refereed papers, and has edited 30 volumes. He serves on the Editorial Boards of nine international journals and is the Editor-in-Chief of the J. of Cement and Concrete Composites— a journal with a 2023 Impact Factor of 10.8. His awards include the Wason Medal of American Concrete Institute, Solutions Through Research Award of the BC Innovation Council, Wolfson Merit Award of the Royal Society of the UK, Killam Research Prize from the Killam Foundation, Horst Leipholtz Medal of the Canadian Society for Civil Engineering, Mufti Medal of Excellence of the International Society for Health Monitoring of Infrastructure, and Global Citizenship Award of alumni-UBC. In 2020, IIT-Delhi recognized him with a Distinguished Alumni Award, and March 2022, Dr. Banthia received the Jacob Biely Faculty Research Prize which is regarded as UBC's premier award for research across all disciplines. Having received the Dean's Medal of Distinction from the Faculty of Applied Science, UBC, in January 2023, UBC appointed Dr. Banthia as the University Killam Professor, which is the highest honor UBC can confer on a member of its faculty. Dr. Banthia is a fellow of the American Concrete Institute, Canadian Society for Civil Engineering, Indian Concrete Institute, Canadian Academy of Engineering (CAE), Indian National Academy of Engineering (INAE), and the Royal Society of Canada.



**16 December 2025
Tuesday**



3:00pm - 4:00pm



**Civil Engineering
Conference Room
Room 3574 (Lift 27/28)**

Enquiry:

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