

**Topic of the Speech:**

Thermal properties of 3D textile structures

Prof. Mohanapriya Venkataraman

Technical University of Liberec
Czech Republic



Prof. Mohanapriya Venkataraman is a passionate textile material scientist working at the Department of Material Engineering, Faculty of Textile Engineering, Technical University of Liberec, Czech Republic. Hailing from Chennai, India, she holds a Ph.D. and multiple post-graduation degrees in textile material engineering, fashion technology, and garment manufacturing technology. Her teaching and research areas include Textile Materials, Micro and Nanoporous Materials, Microplastics, Sustainable materials, Composites, High-value-added products, and Heat and Mass transfer. Before her endeavor into academics and research, she was a senior executive in Material Quality Assurance at an International Textile behemoth. She is certified in ISO, Lean Six Sigma, 5S, Kaizen, and Silver Plus Limited brands testing.

She is a leader and member of multiple international research projects funded by the EU, the Technology Agency of the Czech Republic (TA ČR), and the Czech Science Foundation (GA ČR). She is the guarantor of two bachelor's and two master's study programs. She has authored over 100 scientific papers in peer-reviewed journals, more than 50 conference publications, 25 keynote speeches, 35 book chapters, and five books. She has won international recognition as an “Outstanding Researcher” in multiple forums, including SGS and TBIS, and is a Guest Editor for the Polymers and Coatings journals. Associate Editor of the Journal of Fiber Bioengineering and Informatics (JFBI). She is a nominee to be a panel member of the Czech Science Foundation (GA ČR). She was recently profiled in TA.DI magazine of the Technology Agency of the Czech Republic (TA ČR) featured one of three female researchers breaking the stereotype of a traditional scientist. She serves as an ambassador for INOMICS and the “Study in the Czech Republic” initiative. She is passionate about women empowerment and the environment.