



DR. MOHINI SAIN

Dr. Sain is the Director of the Centre for Biocomposites and Biomaterials Processing at the Faculty of Forestry, University of Toronto. He is cross-appointed to the Department of Chemical Engineering and Applied Chemistry, the Institute of Environmental Science, and collaborates with American and European research institutes and universities.

Dr. Sain is the lead inventor of GreenCore's technology and was the founding president of GreenCore Composites Inc. His research areas include nano-biocomposite processing, industrial bioplastics synthesis, reinforced natural fibre composite manufacturing processes, and developing cost effective technology to use renewable raw materials for industrial product manufacturing. He also works on isolation and surface science of pulp, micro-, and nano-fibres and their applications in papermaking, biopackaging, transportation and related areas. He is the leader of the AUTO21 Renewable Materials project and leads a research team on the Biocar Initiative in collaboration with the University of Guelph.

Dr. Sain has several patents in the area of natural fibre composites, has published more than 170 refereed journal papers, and has organized conferences in the United States, Europe and Canada. He recently co-edited a book on Cellulose Nano-biocomposites published by Oxford Press and has generated strong interest in academia and industry sectors to provide insight for transformative changes in the bio-economy.

Dr. Sain serves as a board member of the Canadian Natural Composites Council (CNCC) and on international standardization committees. He was also the recipient of the 2001 NSERC Industry-University Synergy Award.