

I am a born explorer never tired of learning about cultures and cuisines, fusion cooking, travelling, reading about history and thinking of new product/business ideas.

Before joining NC State, I had worked almost six years in Global textiles and apparel industries for the French sporting goods retailer “Decathlon”, “BASF” and “COATS” in various divisions including manufacturing, materials development, business development, sourcing and supply chain. During this professional tenure, I had that unique opportunity to experience how textile industry works from raw materials selection to finished product delivery. I traveled extensively to local factories to provide technical support in developing process/product, sourcing fabrics/suppliers and developed a strong supplier management skill in different parts of the world including Bangladesh, China, India and Vietnam.

The global reputation of the Wilson College of Textiles drew me to NC State in 2015, where I completed my Masters in Textile Engineering in 2017 and began Ph.D. study in Fiber and Polymer Science at the same year. Currently, I am in final year of Ph.D., studying polymer blend compatibility and their effect in melt spinning process under the direction of Dr. Shim. My research aims to create some know-how for the polymer/fiber industry in terms of making fiber using polymer blends which might be useful to the global demand of recycling plastics through making fibers using various polymers existing in that recycle stream. In future, I plan to design novel materials for innovative textile application and contribute to the increasing need of sustainable material solution/new technology development.