

properties on yarn imperfections in ring spun yarns,”
Asian Journal of Textile, 2(3), pp. 32-43, 2013.

[27] USTER Statistics. The Quality Benchmark for the Textile Industry, 171-172, USTER Technologies AG, Switzerland, 2007.

[28] J. E. Negola. “Yarns spun from olefin and cotton fibers and products made there from”. USA Patent # WO, 2006071688 A2, 2006.

Author Profile

Arshad Ali: After completing his Masters’ from the Department of Textile Sciences, Arshad is now pursuing his Ph.D. in the Department of Mechanical Engineering at the University of Manitoba, Winnipeg, Canada. Arshad can be reached at alia@myumanitoba.ca.

Dr. Mashiur Rahman: Dr. Rahman is an Assistant Professor in the Department of Biosystem Engineering and Adjunct Professor in the Department of Textile Sciences at the University of Manitoba. Dr. Rahman’s research interests are in the areas of *biomedical textiles*, *sustainable textile fibre development (STFD)*, and *smart clothing choice (SCC)*. In biomedical research, Dr. Rahman is investigating the causes of premature textile graft failures that resulted in human deaths. In *STFD* research, Dr. Rahman is interested in textile and spinning properties of fibre from the waste stream of natural plants. In *SCC* research, Dr. Rahman is investigating the consumers’ knowledge about ‘the effects of fibre content on textile processing’, which contributes to **20%** of world industrial water pollution, and ‘their wiliness to choose *smart clothes*’ that would have the least effects on environment. Dr. Rahman can be reached at Mashiur.Rahman@umanitoba.ca.

Dr. Ying Chen (Professor): Dr. Ying Chen is a professor in the Department of Biosystem Engineering at the University of Manitoba, Winnipeg, Canada. Dr. Chen’s research areas are: Discrete element modeling (DEM) and PFC^{3D}, Agricultural machinery, Soil dynamics, Soil and tillage, Seeding, Hemp, flax, and other natural fibres, Land applications of liquid manure, and Landmine neutralization. Dr. Chen has been supervising numerous graduate students (Masters’ and Ph.D.) and has published extensively in international journals. Dr. Chen can be reached at ying.chen@umanitoba.ca