Profile Page

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Research Interests :

Fibre Shedding during Yarn Mechanical Processing,
Textile for Water Filtration,
Medical Application of Textiles.

Journal Publications :

Year	Journal	Publication
2019	Tekstilec, 61, 124-128	Kumar, A., Ghosh, S., Bhowmick, N., Characterization of fiber length and breakage behaviour of cotton Fly in knitting process.
2019	Tekstilec, 61, 272-279	Singh, S., Bhowmick, N., Vaz, A., Effect of MJS Spinning Variables on Yarn Quality.
2019	Tekstilec, 66(2),101-109	Roy, S., Ghosh, S., and Bhowmick, N., Mechanism of colloidal attachment on textile fibrous media.
2019	Journal of Textile Institute, 10(6), 916-923	Roy, S., Ghosh, S., Bhowmick, N. Mechanism of bacterial attachment on textile fibrous media.
2018	Water and environmental journal	Roy, S., Ghosh, S., Bhowmick, N, Role of Physiochemical factors on bacterial attachment in textile fibrous media
2018	Tekstilec, 61(3). 171-178	Roy, S., Ghosh, S., Bhowmick, N. Application of colloidal filtration theory to bacterial attachment in textile fibrous media
2018	Journal of the Institution of Engineers (India): E series ,99(1), 111-117	Roy, S., Ghosh, S., Bhowmick, N. Application of colloidal filtration theory on textile fibrous media: Effect of fiber orientation on bacterial removal efficiency and attachment
2018	Tekstilec, 61, 124-128	Kumar, A., Ghosh, S., Bhowmick, N., Characterization of fiber length and breakage behaviour of cotton Fly in knitting process.
2009	Journal of Textile Institute, 100, 64-75 (2009).	Ghosh S and Bhowmick N, Contribution of cone winding operation to the fibre shedding behavior of cotton yarn during knitting,

2008	WSEAS Transaction on Environment and development, Vol. 4 No. 4, 360-372 (2008).	Bhowmick and S Ghosh, Role of yarn hairiness in knitting process and its impact on knitting room`s environment,
2007	Journal of Textile Institute, 98, 189-193 (2007).	Bhowmick N and Ghosh S, Contribution of ring spinning process to the fibre shedding behavior of cotton yarn,

Conference Publications :

Year	Conference	Publication
2007	Proceedings of the 5th WSEAS International Conference on Envioronment Ecosystems and Developments, Tenerife, Spain, December, 14-16 (2007)	Bhowmick and S Ghosh, Fibre shedding from cotton spun yarn – a serious indoor air pollution in knitting industry,
2007	International Textile Conference Aachen, Germany, November 29-30, (2007).	N Bhowmick and S Ghosh, some experimental studies on fibre fly generation from cotton carded yarn in knitting process,
2007	International Conference on Futuristic Trends in Textiles, December 10-12, (2007).	N Bhowmick and S Ghosh, Cotton fibre fly- a problem in knitting industry,