Profile Page

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Research Interests :

Fluid flow through Textile materials, Heat flow through Textile materials, Mathematical modelling of Weaving, Knitting and Stitching Process. Modelling of bandaging materials.

Journal Publications :

Year	Journal	Publication
2016	Review of Scientific Instruments 87, 105114 (2016);	Pratibha Singh, Arobindo Chatterjee, and Subrata Ghosh, Vertical wicking tester for monitoring water transportation behavior in fibrous assembly
2016	Fibers and Polymers 17(11):1898-1907 · November 2016	Pawan Kumar, S K Sinha, S Ghosh, Study on the packing density of structurally modified ring spun yarn
2016	Journal of Environmental Research And Development Vol.11 No. 02, 392-397, October-December 2016	Roy S., Ghosh S., Bhowmick N. and Roychoudhury P. K., study the effect of denier and fiber cut Length on zeta potential of nylon And polyester fibers for sustainable Dyeing process
2016	Fibers and Polymers 17(9):1489-1496 · September 2016	Pawan Kumar, S K Sinha, S Ghosh, Estimation of Pore Size and Porosity of Modified Polyester/PVA Blended Spun Yarn
2015	Fashion and Textiles (2015) 2: 5.	Kumar, P., Sinha, S.K. & Ghosh, S. , Moisture management behaviour of modified polyester wool fabrics
2014	J. Inst. Engg. India Ser. E (July-December 2014), 95 (2).	S Ghosh, P Chary and S Roy, Development of Warp Yarn Tension During Shedding: A Theoretical Approach
2014	Ind, J. Fibre Text Res, Vol 39, June 2014, pp 153-156.	S Ghosh and Md W Chavhan, A Geometrical Model of stitch length for lockstitch seam,
2014	Tekstilec, 2014, letn. 57(4), 264?272	Pawan Kumar, Sujit Kumar Sinha and Subrata Ghosh, Elastic Performance Coefficient and Recovery of Modified Polyester/Polyvinyl Alcohol Ring Spun Yarn
2014	Fibre and Polymers, 15 , 2014, pp 1779-1785.	M Sikka,, S. Ghosh and A. Mukhopadhyay, The structural configuration and stretch property relationship of high stretch bandage fabric,

2011	Journal of Environmental Research And Development Vol. 5 No. 3, January-March 2011	3. Vidushi Bajpai, A Dey, S Bajpai, M K Jha and S Ghosh, Microbial adherence on textile Materials- A Review
2008	WSEAS Transaction on Environment and development, Vol. 4, No4, 360 (2008).	5. N Bhowmick and S Ghosh, Role of yarn hairiness in knitting process and its impact on knitting room`s environment
2008	Journal of Tissue Viability, J Tissue Viability. 2008 Aug;17(3):82-94.	S Ghosh, A Mukhopadhya, M Sikka, K S Nagla, Pressure mapping and performance of the compression bandage/garment for venous leg ulcer treatment,

Conference Publications :

Year	Conference	Publication
2016	International Conference on Redefining Textiles Cutting Edge Technology of the Future (RTCT 2016), April 8-10, 2016, Dr B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab-144011, INDIA (Oral). ISBN 13: 978-93-525498-0-1, page 29.	Subrata Ghosh, Subhankar Maity, Ripan Das,Design of High Loft Fibrous Material to be used as Quilt,
2014	International Conference on Technical Textiles and Nonwovens, IIT Delhi, Nov.' 6th-8th.	Sikka M, Ghosh S & Mukhoapdhyay A (2014)."Structure and stretch property relationship of high stretch bandages"
2006	xvi Conference of Society for Biomaterials and Artificial organs at Indian Institute of Technology, Delhi, Feb, 24th, 2006.	6. M Sikka, A Mukhopadhayay and S Ghosh, Creep performance of bandage material for the treatment of Edema