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Area of Interest : Nonwovens, Spinning, Knitting and Technical Textiles

JOURNAL PUBLICATIONS:

1. J C Sakthivel and R Murugan, "Study on the Mechanical Properties of Banana and Jute Nonwovens", ***Journal of The Institution of Engineers (India): Series E*** , Accepted on 04 July 2020 and Published **17 July 2020**, <https://doi.org/10.1007/s40034-020-00170-5>.
2. J C Sakthivel and T Karthik, "Effect of areal density and soil release finish on the properties of polyester needlepunched nonwovens", ***National Journal of Technology***, Vol.16, Issue 2 ,15-20, **June 2020**. ISSN - 0973-1334.
3. J.C.Sakthivel and S A Vishnu, "Studies on drumstick fibre for textile applications', *Man Made Textiles in India*, Vol.XLVII No.6, **June 2019**, pp185-187.ISSN 0377 7537.
4. Surya R, Vijaya Prabhu, J.C. Sakthivel, "Agro-textiles: Requirements and applications", *The Indian Textile Journal*, **January 2019**, pp120-123. ISSN00196436.
5. J.C. Sakthivel, " Structural Irregularity of Spun Yarn" , *Spinning Textiles*, **Nov-Dec 2018**, Vol 12.Issue 6.80-82, ISSN23478098.
6. V. Chandrasekaran, P. Senthilkumar & J C Sakthivel, " Study on Moisture Management Properties of Micro-Pore Ring-Spun Viscose Yarn-Plated Knitted Fabrics",***The Journal of the Textile Institute (JTI)*** , (Impact Factor 1.007), Pages 1-7 | Received 01 Jun 2017, Accepted 02 Jan 2018, Published Online: **09 Jan 2018**.
7. T Karthik, R Murugan & J C Sakthivel, "Comfort properties and dyeing behaviour of cotton/milkweed blended rotor yarn fabrics" ***Indian Journal of Fibre & Textile Research (IJFTR)*** Vol 42, **March 2017**, pp. 25-30.
8. S Rajeshkumar and J. C. Sakthivel, "Advances in Sports Textiles", *Asian Textile Journal*, Mumbai , Vol 25, No.6 , 65-69, **June 2016**. ISSN 09713425.
9. J. C. Sakthivel, N.Anbumani and P.Senthilkumar " Effect of different dimensional stabilization methods on the dimensional properties of spun viscose Single Jersey Knitted Fabrics ", *Man Made Textiles in India*, Mumbai, Vol Issue, No.01 , 11-14, **January 2016**.

10. J. C. Sakthivel, P.Senthilkumar and M.Senthilkumar, "Dimensional and Comfort properties of multi-content Single Jersey Knitted Fabrics ", Knitting Views, Tirupur, Vol 10 Issue, No.05 , 34-36, **September- October 2015**.
11. S Rajeshkumar and J. C. Sakthivel, "Advances in Smart Textiles", Asian Textile Journal, Mumbai , Vol 24, No.10 , 81-84, **October 2015**. ISSN 09713425.
12. P.Senthilkumar,E.Shareen Farzana,Bishwaranjan Ghosh and J. C. Sakthivel, "Filter fabrics for applications in automobiles ", Asian Technical Textiles, Mumbai , Vol 9, No.1 , 56-63 **January – March 2015**.
13. E Peumalsamy ,J. C. Sakthivel , and Anbumani , N," Prediction of deformation behavior of single jersey cotton knitted fabrics using finite element method", *International Journal of Clothing Science and Technology (IJCST)*, Vol.26,No.2, 222-234, **July 2014**.
14. J. C. Sakthivel , and Anbumani , N, "Effect of fabric structure and stitch length on the dimensional properties of spun viscose single jersey knitted fabrics", *National Journal of Technology*, Vol.10,No.1, 47-53, **March 2014**.

CONFERENCE PUBLICATIONS:

1. J.C.Sakthivel and L.Sivashankar, " Studies on the water retention properties of coir needle punched nonowovens", **2nd International Conference** Emerging Trends in Traditional and Technical Textiles (2nd ICETT2019), Department of Textile Technology, Dr.B.R .Ambedkar National Institute of Technology (NIT), Jalandhar, 1st - 3rd ,**November 2019**. pp45. (ISBN 978-93-5382-111-1)
2. J.C.Sakthivel and S A Vishnu, "Studies on the natural biodegradable drumstick fibre for technical textile applications', **9th National seminar/conference** on technology and innovations in technical textiles, The Institution of engineers (India) Coimbatore Local Centre, PSGTECHS COE INDUTECH, Department of Textile Technology, PSGCT,194-201,27 **April 2019**.
3. J. C. Sakthivel, G. Lokesh Kumar and R. Logesh, " Chapter 8, Filtration properties of interlock structured knitted fabric for construction of dust protection face mask" INDUSTRIAL TEXTILES – PRODUCTS, APPLICATIONS AND PROSPECTS , **WOODHEAD PUBLISHING INDIA PVT LTD**, New Delhi, **2019. ISBN 978-93-88320-15-3**
4. Sowmitha.K and J.C.Sakthivel, "Investigation and effective utilisation of cotton microdust waste generated in spinning industry" **National conferences** on technology and trends in industrial textiles, The Institution of engineers (India) Kolkata, PSGTECHS COE INDUTECH, Department of Textile Technology, PSGCT,172-183,**13 April 2018**.

5. S.Rajeshkumar and J. C. Sakthivel, "Warp yarn sizing chemical impacts on Yarn characteristics and its influence on Effluent problems", National conferences pn Innovations in Textiles Processes and Products , Department of Textile Technology, PSGCT,224-234, **9th April 2016.**

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Director / Head of the Center