

Name : Dr. Ramakrishnan G
Designation : Professor
Department : Fashion Technology
Organization/Institution : Kumaraguru College of Technology
Place & Pincode : Coimbatore-641049
Mobile : 9842313921
E-Mail : g.ramki15@gmail.com

PUBLICATIONS (LIST OF PAPERS PUBLISHED IN SCI JOURNALS, IN YEAR WISE DESCENDING ORDER).

S.No	Author(s)	Title	Journal Name	Volume	Page	Year
1.	Mothilal, B., Prakash, C., Ramakrishnan, G.	Design and development of non-158woven medical product from Wrightia tinctoria fiber	Journal of Natural Fibers	16-Issue 4	576-588	2019
2.	Zakriya, G.M., Ramakrishnan, G.	Jute and hollow conjugated polyester composites for outdoor & indoor insulation applications	Journal of Natural Fibers	16	185-198	2019
3.	Kalapriya, K., Prabu, H.G., Ramakrishnan, G.	Electrochemical dyeing of polyester fabric using disperse dyes	Rasayan Journal of Chemistry	Vol. 12 No. 1	319-323	2019
4.	Zakriya, G.M., Ramakrishnan, G.	Insulation and mechanical properties of jute and hollow conjugated polyester reinforced nonwoven composite	Energy and Buildings	DOI: 10.1108/IJCST-07-2016-0082	1544-1552	2018
5.	Ramakrishnan, G., Prakash, C., Janani, G.	,Effect of environmentally friendly plasma treatment on microfibre fabrics to improve some comfort propertie	International Journal of Clothing Science and Technology	Volume: 47 issue: 5,		2018
6.	Zakriya, G.M., Ramakrishnan G. R., G.,	Design and development of winter over coat	Journal of Industrial	Vol 19, Nov. Suppl, Issue	781-797	2018

	Abinaya, D., (...), Kumar A, S., Kumar S, T.	using Jute and hollow conjugated polyester non-woven flexible composite	Textiles			
7.	Ramakrishnan, G., Srinivasan, J., Niveda, R., Gowtham, S.	Study of Kenaf-cotton blended yarn for the development of sustainable textiles	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	Vol 19, Nov. Suppl, Issue	Page No.(118-121)	2017
8.	Anjana Priya, P., Aishwarya Anand, A.S., Ramakrishnan, G., Srinivasan, J	Study on comfort properties of plasma treated and untreated fabrics	. Colourage	64(2)	31-38	2017
9.	Zakriya, M., Ramakrishnan, G., Gobi, N., Palaniswamy, N.K., Srinivasan, J.	Jute-reinforced non-woven composites as a thermal insulator and sound absorber - A review	Journal of Reinforced Plastics and Composites	Volume: 36 issue: 3,:	206-213	2017
10.	Palani Rajan, T.a , Ramakrishnan, G.b, Sundaresan, S.b, Kandhavadiu, P.c	The influence of fabric parameter on low-stress mechanical properties of polyester warp-knitted spacer fabric	International Journal of Fashion Design, Technology and Education	Vol 10-Issue 1	37-45	2017
11.	Zakriya, G.M., Ramakrishnan, G.	Jute fiber reinforced polymeric composites in moulded furniture making	Journal of Advanced Research in Dynamical and Control Systems	9(16):	1272-1278	2017
12.	Zakriya, G.M., Ramakrishnan, G., Palani Rajan, T., Abinaya, D.	Study of thermal properties of jute and hollow conjugated polyester fibre reinforced non-	Journal of Industrial Textiles	Volume: 46 issue: 6,	1393-1411	2017

		woven composite				
13.	Rajan, T.P.a, Souza, L.D.b, Ramakrishnan, G.c, Kandhavativu, P.d, Vigneswaran, C.d	Influence of porosity on water vapor permeability behavior of warp knitted polyester spacer fabrics	Journal of Industrial Textile	45, Issue 5, 796-812	796-812	2016
14.	Ramakrishnan, G., Janani, T., Srinivasan, J.	Study on comfort properties of knitted fabrics made from blends of organic cotton, bamboo & micro modal fibres	Colourage	63(10):	33-40	2016
15.	Palani Rajan, T., Ramakrishnan, G., Kandhavativu, P.	Permeability and impact properties of warp-knitted spacer fabrics for protective application	Journal of the Textile Institute	107-Issue 9	1079-1088	2016
16.	Jothilinkam, M.D., Ramachandran, T., Ramakrishnan, G.	Influence of plasma treatment and weave structure on comfort properties of Bamboo/Cotton Fabrics	Colourage	63(4):	41-44	2016
17.	Prakash, C. ^a , Ramakrishnan, G. ^b , Mani, K. ^a , Keerthana, S	An investigation of the relationship between blend ratio, linear density and loop length on geometrical and air permeability properties of bamboo cotton-knitted fabrics	International Journal of Fashion Design, Technology and Education	8	228-234	2015

18.	Ramakrishnan, G. ^a , Umapathy, P. ^a , Prakash, C.	Comfort properties of bamboo/cotton blended knitted fabrics produced from rotor spun yarns	Journal of the Textile Institute	106, Issue 12, 2,	1371-1376	2015
19.	Dhinakaran, M. ^a , Ramakrishnan, G. ^{ab}	Areca nut fibre and cotton blend well for technical textile application	Textile Asia	46, Issue 4,	29-32	2015
20.	Rajan, T.P. ^a , Souza, L.D. ^b , Ramakrishnan, G. ^c , Zakriya, G.M. ^a	Comfort properties of functional warp-knitted polyester spacer fabrics for shoe insole applications	Journal of Industrial Textiles	45, Issue 6,	1239-1251	2014
21.	Dhinakaran, M. ^a , Ramakrishnan, G. ^b	Atmospheric pressure Plasma systems for textile application	Colourage	61, Issue 4,	31-34	2014
22.	Raja, D. ^a , Prakash, C. ^a , Ramakrishnan, G. ^b , Koushik, C.V. ^a	Influence of blend ratio and linear density on liquid spreading characteristics of bamboo/cotton-blended yarn knitted fabrics measured by liquid spread tester	Journal of the Textile Institute	Volume 105, Issue 8,	, 842-849	2014

23.	Raja, D. ^a , Babu, V.R. ^b , Senthilkumar, M. ^c , Ramakrishnan, G. ^b , Kannan, N. ^a	A dynamic sweat transfer tester for analyzing transverse sweat transfer properties of multi-weave structure fabrics	Journal of Industrial Textiles	44, Issue 2, 1 September	, 211-231	2014
24.	Kiruthika, S.D., Ramakrishnan, G.	Thermal properties of apparels-significance and test methods	Colourage	61, Issue 10,	29-36	2014
25.	Prakash, C. ^a Ramakrishnan, G. ^b	Study of thermal properties of bamboo/cotton blended single jersey knitted fabrics	Arabian Journal for Science and Engineering	39, Issue 3,	2289-2294	2014
26.	Raja, D. ^a , Ramakrishnan, G. ^b , Babu, V.R. ^b , Senthilkumar, M. ^c , Sampath, M.B. ^d	Comparison of different methods to measure the transverse wicking behaviour of fabrics	Journal of Industrial Textiles	43, Issue 3, Pages	366-382	2014