

List of important research and review publications

- 1) **Advances in wool processing for sustainability**, by Neeraj Shrivastava and Smita Honade, Colourage December 2010 Page No. 59-64
- 2) **Auxetic Textiles**, by Varun Goud, Vol. LVII No. 6, June 2010
- 3) **Oxidative Processes in Textiles**, by Neeraj Shrivastava and Smita Honade, Vol. 71 No. 1, JTA, May-June 2010
- 4) **Design and development of wool based flame retardant fabrics**, by P. R. Kulkarni, R. S. Bahuguni and Mayur Basuk, Proceedings of the national seminar on non-conventional applications of textiles at CIRCOT, Mumbai during the year 2010.
- 5) **Advantage and disadvantage growth of Technical Textiles in India**, by Shri M.K. Bardhan-Proceedings of the event Advantage India –Textiles & Apparels 2008
- 6) **Design & Development of friction spun yarn for high tech textiles**, by P. R. Kulkarni, Proceedings of the international seminar at SASMIRA during the year 2000
- 7) **Unconventional fabrics for Automotive textiles**, by, P. R. Kulkarni, N. S. Pathak, S. V. Bhalerao, Express Textiles December- 2000
- 8) **Elastomeric Friction spun yarns**, by P. R. Kulkarni, N. S. Pathak, S. V. Bhalerao, Proceedings of the joint technological conference in ATIRA, Ahmedabad in the year 1998
- 9) **Development of jute based friction spun yarns for technical textiles**, by P. R.Kulkarni, Proceedings of the workshop conducted at WRA and University of Agricultural Sciences, Dharwad during the year 1998
- 10) **Friction spun jute blended yarn on DREF-2 blankets, Dhurries, knitwear, furnishing and technical yarns**, by P. R. Kulkarni, International Textile Monitor, August 1997
- 11) **Elastomeric Friction spun yarns** , by P. R. Kulkarni, N. S. Pathak, S. V. Bhalerao, Indian Textile Journal, June 1997
- 12) **Asbestos vs DREF (Non asbestos) yarns**, by P. R. Kulkarni, N. S. Pathak, S. V. Bhalerao, Indian Textile Journal, May 1997

- 13) **Poly Vinyl Chloride fibres**, by P. R. Kulkarni, N. S. Pathak, S. V. Bhalerao, Synthetic Fibres, September 1997
- 14) **Studies of heterogenous blending on scanning electron microscope**, by P. R. Kulkarni, N. S. Pathak, S. V. Bhalerao, Asian Textile Journal, September 1997
- 15) **Engineering space age fabrics**, by P. R. Kulkarni, N. S. Pathak, Proceedings of the seminar held at Textile Engineering College at Sholapur in the year 1996
- 16) **Prospects of diversified jute products made of friction spun yarns**, by P.R.Kulkarni, Manmade Textiles in India, October 1996
- 17) **Properties of Regenerated Cellulose (Bamboo)- Cotton MJS Yarns**, by Girish Kherdekar Melliand International, 1(16) (2010) 15.
- 18) **Fabrics made of Cotton Blended with Bamboo Bast Fibre**, by Girish Kherdekar Text Asia, 41 (2010)30.
- 19) **Wrinkle recovery finishing for cellulosic fabric** by Jagadananda Behera. The Indian Textile Journal, January 2011.
- 20) **Membrane Filtration Techniques –Part II Scope for minimising effluent load** by A .D. Sule, and M.K. Bardhan, Indian J. of Fibres and Textile Research, Vol-26, 2001, pp 223. A.D. Sule, and M.K. Bardhan, The Indian Textile Journal, 2004, pp 13.
- 21) **Development of sportswear for Indian conditions. Manmade Textiles in India**
2004, pp: 123-129.by Sule, A.D., R.K. Sarkar and M.K. Bardhan
- 22) **Recycling of textile waste for environment protection – An overview of some practical cases in the textile industry**, Indian Journal of Fibre and Textile Research, 2001, 26(1-2), 223-232.
- 23) **Products from PET Bottle Waste – a green dimension to Technical Textiles**, - M.K.Bardhan, et al, 'Technical Textile International, Sept-Oct 2001.
- 24) **Spinning fibres from Poly (ethylene Terephthalate) bottle grade waste**, M.K.Bardhan, et al, Journal of Applied Polymer Science (JAPS), Vol 90, Dec 2003, pp 3536 – 3545

- 25) **Dope dyed Polyester Fibres from recycled PET Waste for use in Moulded Automotive Carpet**, - M.K. Bardhan, A.K. Rakshit, Journal of Industrial Textiles, Vol.34, Jan 2005, pp 167-179
- 26) **Fabrics made of Cotton Blended with Bamboo Bast Fibre** by Girish Kherdekar in Text Asia, 41 (2010)30, 2010
- 27) **Advances in wool processing for sustainability** by Neeraj Shrivastava and Smita Honade in Colourage Vol. LVII No. 12 Colour Publications Pvt. Ltd., December 2010
- 28) **Wrinkle recovery finishing for cellulosic fabric** by Jagadananda Behera in The Indian Textile Journal January 2011,
- 29) **Melt Processing of Polyacrylonitrile (PAN) Polymers** by Jayant Udakhe & Varun Goud in Journal of the Textile Association Vol. 71 No. 5 The Textile Association(India), January-February 2011
- 30) **Carpet Defects, Causes & their Remedies** by Mayur Basuk, Girish Kherdekar & Jagadananda Behera Colourage Vol. LVIII No. 2 Colour Publications Pvt. Ltd., February 2011
- 31) **Indian Handmade Carpet Industry Improving the Market Strategy** by Mayur Basuk in Seminar on Inclusive Growth of Carpet Industry(Published in Book of papers), All India Carpet Manufacturer's Association (AICMA), Bhadohi, March 2011
- 32) **Development Of Itch-Free Woollens To Be Worn Next To The Skin By Improvement Of Surface Topography Of Wool Fibres With The Help Of Mechanical/Chemical Processing And Plasma Technology** by Jayant Udakhe, Neeraj Shrivastava & Shishir Tyagi at Golden Jubilee Young Researchers' Symposium on Emerging Trends in Textiles/ Fibre Research & Innovative Applications (Published in Book of papers of the Symposium) IIT Delhi March 2011
- 33) **Effect of Plasma Density on Surface & Mechanical Properties of Wool Fibres** by Jayant Udakhe & Shishir Tyagi, in Manmade Textiles in India Vol. XXXIX No. 4 SASMIRA April 2011
- 34) **Wool in sports textiles** by Achintya Kr. Samanta & Aniket Bhute, Colourage Vol.LVIII No. 5 May 2011

- 35) **An Overview of Recent R&D Initiatives by Wool Research Association** by M.K.Bardhan in Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011
- 36) **Ultrasound Assisted Scouring of Raw Wool** by V. S. Goud, S.P. Honade, M.K.Bardhan & T.R. Rao in Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011
- 37) **To assess Quality Norms of Worsted Yarns being made by Indian Industry** by V.C. Panse, A.K. Samanta, J. Behera & R.B. Chaudhari in Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011
- 38) **Synthesis of Moth Resist Dyes for Wool** by Dr. C.W. Acharya & Girish Kherdekar in Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011
- 39) **Optimum machinery, process and products for eri silk/ wool blends** by P.R. Kulkarni & R.S. Bahuguni in Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011
- 40) **New Opportunities & Future Prospects for Indian Hand Made Carpet Industry** by Mayur Basuk in Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011
- 41) **Present scenario of Indian carpet industry vis-à-vis international markets** by Shishir Tyagi in Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011
- 42) **Keratin based bio-composites: A Review** by Varun S. Goud in Asian Textile Journal, June 2011
- 43) **Effect of Low-temperature plasma treatment on tailorability and thermal properties of wool fabrics** by Varun S Goud & Jayant Udakhe in Pramana – Journal of Physics Vol. 76 No. 6 pp. 1-9, June 2011

- 44) **Comparative study of blended worsted yarn tensile properties, measured in different Principles of measurement** by Achintya Kr.Samanta in Journal of the Textile Association, Page No. 85 – 89, July – August 2011
- 45) **Polymer-Layered Silicate Nanocomposites and Applications of Nano clays in Textiles** by Varun S.Goud in Asian Textile Journal, p.72 August 2011
- 46) **Recent advances in shrinkproofing of wool** by Jayant Udakhe, Smita Hoande, Neeraj Shrivastava in Journal of the textile association, Vol. 72, No. 3 Sept-Oct 2011
- 47) **Effect of ultrasonic irradiation on wool scouring** by V.S. Goud, S.P. Honade,

M.K. Bardhan, T.R.Rao in Manmade Textiles In India, page no. 385-390, Vol. XXXIX No.11 in November 2011

- 48) **From Micro Fibres to Nano Fibres** by Mayur Basuk, Jayant Udakhe in Textile Excellence, Vol. 9 No. 11, Page No. 18-19, December 2011
- 49) **Recent advances in wool and woollen processing** by Shri V.S. Goud and Shri.J.S. Udakhe published in the book “Trends in small ruminant production- Perspectives and Retrospect” pp 477, Indian Society for Sheep and Goat Production and Utilization, Central Wool Development Board and Central Sheep and Wool Research Institute , December, 2011
- 50) **Development of Itch-Free Woollens to be worn next to the skin by Improvement of Surface Topography of Wool Fibres with the help of Mechanical/Chemical Processing and Plasma Technology** by Jayant Udakhe, Shishir Tyagi, Neeraj Shrivastava, P. R. Kulkarni, Dr. C.W. Acharya & M.K. Bardhan in Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011
- 51) **Carpet Defects, Causes & their Remedies** by Mayur Basuk, Girish Kherdekar & Jagadananda Behera, Golden Jubilee Celebration of All India Carpet Manufacturer’s Association (AICMA) Bhadohi, (Published in Book of papers), March 2011
- 52) **Indian Handmade Carpet Industry Improving the Market Strategy** by Mayur Basuk, Seminar on Inclusive Growth of Carpet Industry(Published in Book of papers), All India Carpet Manufacturer’s Association (AICMA), Bhadohi, March 2011

- 53) Development Of Itch-Free Woollens To Be Worn Next To The Skin By Improvement Of Surface Topography Of Wool Fibres With The Help Of Mechanical/Chemical Processing And Plasma Technology** by Jayant Udakhe, Neeraj Shrivastava & Shishir Tyagi, Golden Jubilee Young Researchers' Symposium on Emerging Trends in Textiles/ Fibre Research & Innovative Applications (Published in Book of papers of the Symposium)IIT Delhi, March 2011.
- 54) Effect of Plasma Density on Surface & Mechanical Properties of Wool Fibres** by Jayant Udakhe & Shishir Tyagi, Manmade Textiles in India Vol. XXXIX No. 4 SASMIRA, April 2011
- 55) Wool in sports textiles** by Achintya Kr. Samanta & Aniket Bhute, Colourage Vol. LVIII No. 5, May 2011
- 56) An Overview of Recent R&D Initiatives by Wool Research Association** by M.

K. Bardhan, Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011

- 57) Development of Itch-Free Woollens to be worn next to the skin by Improvement of Surface Topography of Wool Fibres with the help of Mechanical/Chemical Processing and Plasma Technology** by Jayant Udakhe, Shishir Tyagi, Neeraj Shrivastava, P. R. Kulkarni, Dr. C.W. Acharya & M.K. Bardhan, Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011
- 58) Ultrasound Assisted Scouring of Raw Wool** by V. S. Goud, S.P. Honade, M.K. Bardhan & T.R. Rao, Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011
- 59) To assess Quality Norms of Worsted Yarns being made by Indian Industry** by V.C. Panse, A.K. Samanta, J. Behera & R.B. Chaudhari, Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011
- 60) Synthesis of Moth Resist Dyes for Wool** by Dr. C.W. Acharya & Girish Kherdekar, Proceedings of the National Seminar cum workshop on Recent

R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011.

- 61) **Optimum machinery, process and products for eri silk/ wool blends** by P.R. Kulkarni & R.S. Bahuguni, Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011.
- 62) **New Opportunities & Future Prospects for Indian Hand Made Carpet Industry** by Mayur Basuk, Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011.
- 63) **Present scenario of Indian carpet industry vis-à-vis international markets** by Shishir Tyagi, Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28th May 2011.
- 64) **Keratin Based bio-composites: A Review** by Varun S. Goud, Asian Textile Journal, June 2011.
- 65) **Effect of Low-temperature plasma treatment on tailorability and thermal properties of wool fabrics** by Varun S Goud & Jayant Udakhe Pramana – Journal of Physics Vol. 76 No. 6 pp. 1-9 June 2011.
- 66) **Comparative study of blended worsted yarn tensile properties, measured in different Principles of measurement** by Achintya Kr.Samanta, Journal of the Textile Association, Page No. 85 – 89, July – August 2011
- 67) **Acoustic Textiles** by Girish Kherdekar, Mayur Basuk, Jagadanand Behera, Colourage vol-LVIII no-7-july2011-pp43-53.
- 68) **Polymer-Layered Silicate Nanocomposites and Applications of Nano clays in Textiles** by Varun S.Goud, Asian Textile Journal, p.72, August 2011
- 69) **Recent advances in shrinkproofing of wool** by Jayant Udakhe, Smita Hoande, Neeraj Shrivastava, Journal of the textile association, Vol. 72, No. 3 Sept-Oct 2011.
- 70) **Effect of ultrasonic irradiation on wool scouring** by V.S. Goud, S.P. Honade,

M.K. Bardhan, T.R.Rao, Manmade Textiles In India, page no. 385-390, Vol. XXXIX
No.11November 2011

71) **From Micro Fibres to Nano Fibres** by Mayur Basuk, Jayant Udakhe, Textile Excellence, Vol. 9 No. 11, Page No. 18-19 December 2011

72) **Recent advances in wool and woollen processing** by Shri V.S. Goud and Shri

J.S. Udakhe, Published in the book “Trends in small ruminant production- Perspectives and Retrospect” pp 477, Indian Society for Sheep and Goat Production and Utilization, Central Wool Development Board and Central Sheep and Wool Research Institute December 2011.

73) **Developments in carpet processing** by Mayur Basuk, Girish Kherdekar, Colourage Vol. LVIII No. 12 Dec. 2011

74) **Effect of yarn hairiness, DBD plasma and enzyme treatment on itching propensity of woollen knitwear** by Jayant Udakhe, Shishir Tyagi, Neeraj Shrivastava, Smita Honade, Aniket Bhute, Colourage Vol. LIX No. 5, Page no. 46-51, May 2012

75) **Wet spinning of Flax yarn in cotton ring frame** by Achintya K. Samanta, Dr. Probal K. Majumder, The Indian Textile Journal, page no- 20-27, May 2012

76) **Flame retardant wool based fabrics for Home textile & Automobile Interiors** by Mayur Basuk & R. S. Bahuguni, Man Made Textiles in India, Vol. XL, No.-6, Page no. 189-193 June 2012

77) **Enzyme oriented washing treatment for Hand Knotted Carpets Dyed with Natural Dyes (Part 1)** by Aniket Bhute & Mayur Basuk, Dye Chem Pharma Business News, page 28 – 31, August 2012.

78) **Enzyme oriented washing treatment for Hand Knotted Carpets Dyed with Natural Dyes (Part 2)** by Aniket Bhute & Mayur Basuk, Dye Chem Pharma Business News, page 29 -31, September 2012

79) **Influence of plasma processing parameters on mechanical properties of wool fabrics** by Varun S Goud, Indian Journal of Fibre & Textile Research, Vol. 37, pp. 292-298 September 2012.

80) **Wool in Medical Textiles** by Mayur Basuk, Achintya Samanta & Girish Kherdekar, www.technicaltextile.net, October 2012

81) **Plant based natural dyes and mordants: A Review** by K. H. Prabhu & Aniket Bhute, Journal of Natural Product and Plant Resources, 2 (6), pages 649-664, December 2012.

- 82) **Plasma induced physico-chemical changes & dyeing behavior of wool fabrics** by Jayant Udakhe & Smita Honade, Colourage, Vol. LX No. 1, pages No. 41-46, January 2013
- 83) **Specialty Animal Hair Fibres** by Dr. K. H. Prabhu, WTIN Intelligence web portal, UK, 6th March 2013
- 84) **Influence of Different Metal Electrodes on Electrocoagulation Process for Treatment of Disperse and Reactive Dye Wastewater** by Neeraj Shrivastava, Jayant Udakhe, Smita Honade, International Dyer, Issue 8, 2013
- 85) **SPORTECH- Needs, Challenges and its Prospects** by Mrinal Choudhari & K. H. Prabhu, Dye Chem Parma, June, 2013
- 86) **Lanolin – A value added product from wool grease Part 1 & 2** by Amit Sengupta & Jagadanand Behera, Dye Chem Pharma, July & August 2013 July & August 2013
- 87) **Enzyme Assisted Eco-friendly Green Textile processing** by Amit Sengupta, Jagadanand Behera & Mayur Basuk, Bangladesh Textile Today, September 2013
- 88) **Composite Textile Applications in Aerospace Technology** by, K. H. Prabhu and Naresh Kumar, WTin Online Web portal, UK, 3rd September, 2013
- 89) **Advancements in Computer Colour Matching: Colour Matching through Internet** by Smita Honade, Neeraj Shrivastava, Aniket Bhute & C.W. Acharya, Journal of the Textile Association, Sep.-Oct. 2013
- 90) **Herbal Colorant Assisted Eco-friendly Green Textile Processing Part 1, 2 & 3** by Amit Sengupta, Dr. Mrinal Choudhari & Naresh Kumar, Dye Chem Pharma, Oct., Nov., Dec. 2013
- 91) **Overview of Indian Sporting goods and equipment industry** by Amit Sengupta, Mayur Basuk, Aniket Bhute & Shishir Tyagi, The Indian Textile Journal, Nov. 2013
- 92) **A review on Organic Wool** by Amit Sengupta & Jagadanand Behera, Colourage, Dec. 2013
- 93) **Indian Carpet Industry and its way forward** by Amit Sengupta, Mayur Basuk, Textile Asia, Jan. 2014

- 94) **Organic baby skin-friendly sustainable textile draws wider attention** by Amit Sengupta & Jagadanand Behera, ATA journal for Asia on Textile & Apparel, Feb 2014
- 95) **Waterproof breathable fabric characteristics, techniques and applications** by Amit Sengupta & Jagadanand Behera, Asian Textile Journal, Feb 2014
- 96) **Fragrance Release and Moth Repellent Activity of Natural Essential Oils** by Jayant Udakhe, Neeraj Shrivastava & Smita Honade, Colourage, Vol. LXI No. 5, Page No. 33-38, May 2014
- 97) **A synopsis on functional sportech products for adventure sports** by A. Sengupta, M. Basuk, A. Samanta & J Udakhe, Textile Times, June-July 2014 pp 9, June-July 2014
- 98) **Electrocoagulation as an alternative treatment for wastewater generated from scouring of merino wool** by Neeraj Shrivastava, Jayant Udakhe & Smita Honade, Indian Journal of Environmental Protection, Volume 34 Number 7, July 2014
- 99) **Environmental Safety through Recycling of Textiles: An Outlook** by A. Sengupta & J. Behera, Colourage, India, August 2014
- 100) **Comprehensive view on chemistry, manufacturing & applications of lanolin extracted from wool pretreatment** by A. Sengupta & J. Behera, American Journal of Engineering Research, USA, July 2014
- 101) **Light sensitive smart colour changing textiles** by A. Sengupta & J. Behera, Asian Textile Journal, November 2014
- 102) **Absolute and Relative Activity of Microencapsulated Natural Essential Oils against the Larvae of Carpet Beetle Anthrenus Flavipies (LeConte)** by Jayant Udakhe, Neeraj Shrivastava, Smita Honade, Journal of Textiles, Volume 2014 (2014), November 2014
- 103) **Next to skin easy care woolens by plasma and other eco-friendly technologies** by M. K. Bardhan and J. S. Udakhe, "Plasma technologies for textile applications: Growth potential in India" Page Number 229-253, Woodhead publishing India Ltd. (2014) Mechanism of heat and Physiological factors affecting thermal performance of Sleeping bag WoolTech, Volume 04 Issue No. 02/April 2014 page no-6

- 104) Shishir Tyagi and Girish Kherdekar, “Design and Development of Smart Sportswear Used for Various Sports”, International Journal of Modern Trends in Engineering and Research (IJMTER), Volume 04, Issue 11, November–2017, page 95-100.
- 104) **Organic baby skin friendly sustainable textile draws wider attention**, ATA Journal for Asia on textile and apparel, Feb. 2014.
- 105) **Sports Shoes an imperative sport accessory**, Asian Textile Journal, January 2017.
- 106) **COE- Sportech & Its Relevance**, textile value chain, May 2017 issue.
- 107) **Application of Phase Change Materials to Enhance Thermal Properties of Textiles** Mayur Basuk & Amit Sengupta, , Dye Chem Pharma Business News, September 2016, page 53 – 56
- 108) **Moisture Management Properties of Textiles and Its Evaluation**, Mayur Basuk and Smita Bait, March 2018, Web portal WTIN <https://www.wtin.com/article/2018/march/190318/moisture-management-properties-of-textiles-and-their-evaluation/?freeviewlinkid=85447>
- 109) **A review on woolen cloth’s moth and its remedies**, Mayur Basuk & Jagadananda Behera, Bangladesh Textile Today, Feb. 2018, Vol. 11 , Issue 2, Page 68 -77
- 110) **A Synopsis on Coating & Lamination in Textiles: Process & Applications**, Mayur Basuk & Dr. Girish Kherdekar Textile Value chain, March 2018
- 111) **Thermo-regulatory Properties of Wool Fabrics by Microencapsulated PCM**, Mayur Basuk & Dr. Girish Kherdekar International Journal of Modern Trends in Engineering and Research, July 2017, Vol. 4 , Issue 7, Page 30 – 37
- 112) **Development of Keratin Based Poly Vinyl Alcohol (PVA) Electrospun Nanofibrous Mat from Wool Waste for Air Filtration** by Chetan Mahajan, Girish Kherdekar, Anil kumar Sharma, International journal of modern trends in Engineering and Research, Volume 04, Issue 11, pp 218-224, 2017

S. No.	Paper Title	Author	Journal & Publisher	Date of Publication
1	Engineering space age fabrics	P. R. Kulkarni , N. S. Pathak	Proceedings of the seminar held at Textile Engineering College at	1996

Wool Research Association

			Sholapur	
2	Prospects of diversified jute products made of friction spun yarns	P. R.Kulkarni	Manmade Textiles in India	October 1996
3	Asbestos vs DREF (Non asbestos) yarns	P. R. Kulkarni, N. S. Pathak, S. V. Bhalerao	Indian Textile Journal	May 1997
4	Elastomeric Friction spun yarns	P. R. Kulkarni, N. S. Pathak, S. V. Bhalerao	Indian Textile Journal	June 1997
5	Friction spun jute blended yarn on DREF-2 blankets, Dhurries, knitwear, furnishing and technical yarns	P. R. Kulkarni	International Textile Monitor	August 1997
6	Poly Vinyl Chloride fibres	P. R. Kulkarni, N. S. Pathak, S. V. Bhalerao	Synthetic Fibres	Sep1997
7	Studies of heterogenous blending on scanning electron microscope	P. R. Kulkarni , N. S. Pathak, S. V. Bhalerao	Asian Textile Journal	Sep 1997
8	Elastomeric Friction spun yarns	P. R. Kulkarni, N. S. Pathak, S. V.Bhalerao	Proceedings of the joint technological conference in ATIRA, Ahmedabad in the year	1998
9	Development of jute based friction spun yarns for technical textiles	P. R.Kulkarni	Proceedings of the workshop conducted at WRA and University of Agricultural Sciences, Dharwad	1998
10	Unconventional fabrics for Automotive textiles	P. R. Kulkarni, N. S. Pathak, S.V. Bhalerao	Express Textiles	Dec 2000
11	Design and development of wool based flame retardant fabrics	P. R. Kulkarni, R. S. Bahuguni and Mayur Basuk	Proceedings of the national seminar on non-conventional applications of textiles at CIRCOT, Mumbai	2010
12	Oxidative Processes in Effluent Treatment	Neeraj Shrivastava and Smita Honade	Journal of the Textile Association Vol. 71 No. 1 The Textile Association(India)	May-June 2010
13	Auxetic Textiles	Varun Goud	Colourage Vol. LVII No. 6	June 2010

Wool Research Association

			Colour Publications Pvt. Ltd.	
14	Design and development of wool based flame retardant fabrics	P. R. Kulkarni, R. S. Bahuguni and Mayur Basuk	Proceedings of the national seminar on non-conventional applications of textiles (Published in Book of papers) CIRCOT Mumbai	Dec 2010
15	Fabrics made of Cotton Blended with Bamboo Bast Fibre	Girish Kherdekar	Text Asia, 41 (2010)30	2010
16	Properties of Regenerated Cellulose (Bamboo)- Cotton MJS Yarns	Girish Kherdekar	Melliand International, 1(16) (2010) 15	2010
17	Advances in wool processing for sustainability	Neeraj Shrivastava and Smita Honade	Colourage Vol. LVII No. 12 Colour Publications Pvt. Ltd.	December 2010
18	Wrinkle recovery finishing for cellulosic fabric	Jagadananda Behera	The Indian Textile Journal	January 2011
19	Melt Processing of Polyacrylonitrile (PAN) Polymers	Jayant Udakhe & Varun Goud	Journal of the Textile Association Vol. 71 No. 5 The Textile Association(India)	January-February 2011
20	Carpet Defects, Causes & their Remedies	Mayur Basuk, Girish Kherdekar & Jagadananda Behera	Colourage Vol. LVIII No. 2 Colour Publications Pvt. Ltd.	February 2011
21	Carpet Defects, Causes & their Remedies	Mayur Basuk, Girish Kherdekar & Jagadananda Behera	Golden Jubilee Celebration of All India Carpet Manufacturer's Association (AICMA) Bhadohi, (Published in Book of papers)	March 2011
22	Indian Handmade Carpet Industry Improving the Market Strategy	Mayur Basuk	Seminar on Inclusive Growth of Carpet	March 2011

Wool Research Association

			Industry(Published in Book of papers), All India Carpet Manufacturer's Association (AICMA), Bhadohi	
23	Development Of Itch-Free Woollens To Be Worn Next To The Skin By Improvement Of Surface Topography Of Wool Fibres With The Help Of Mechanical/Chemical Processing And Plasma Technology	Jayant Udakhe, Neeraj Shrivastava & Shishir Tyagi	Golden Jubilee Young Researchers' Symposium on Emerging Trends in Textiles/ Fibre Research & Innovative Applications (Published in Book of papers of the Symposium) IIT Delhi	March 2011
24	Effect of Plasma Density on Surface & Mechanical Properties of Wool Fibres	Jayant Udakhe & Shishir Tyagi	Manmade Textiles in India Vol. XXXIX No. 4 SASMIRA	April 2011
25	Wool in sports textiles	Achintya Kr. Samanta & Aniket Bhute	Colourage Vol. LVIII No. 5	May 2011
26	An Overview of Recent R&D Initiatives by Wool Research Association	M. K. Bardhan	Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28 th May 2011	28 th May 2011
27	Development of Itch-Free Woollens to be worn next to the skin by Improvement of Surface Topography of Wool Fibres with the help of Mechanical/Chemical Processing and Plasma Technology	Jayant Udakhe, Shishir Tyagi, Neeraj Shrivastava, P. R. Kulkarni, Dr. C.W. Acharya & M.K. Bardhan	Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28 th May 2011	28 th May 2011
28	Ultrasound Assisted Scouring of Raw Wool	V. S. Goud, S.P. Honade, M.K.Bardhan & T.R. Rao	Proceedings of the National Seminar cum workshop on Recent R&D initiatives and	28 th May 2011

Wool Research Association

			development schemes of wool & woollens, Mumbai 28 th May 2011	
29	To assess Quality Norms of Worsted Yarns being made by Indian Industry	V.C. Panse, A.K. Samanta, J. Behera & R.B. Chaudhari	Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28 th May 2011	28 th May 2011
30	Synthesis of Moth Resist Dyes for Wool	Dr. C.W. Acharya & Girish Kherdekar	Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28 th May 2011	28 th May 2011
31	Optimum machinery, process and products for eri silk/ wool blends	P.R. Kulkarni & R.S. Bahuguni	Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28 th May 2011	28 th May 2011
32	New Opportunities & Future Prospects for Indian Hand Made Carpet Industry	Mayur Basuk	Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28 th May 2011	28 th May 2011
33	Present scenario of Indian carpet industry vis-à-vis international markets	Shishir Tyagi	Proceedings of the National Seminar cum workshop on Recent R&D initiatives and development schemes of wool & woollens, Mumbai 28 th May 2011	28 th May 2011
34	Keratin Based bio-composites: A Review	Varun S. Goud	Asian Textile Journal	June 2011
35	Effect of Low-temperature plasma treatment on tailorability and thermal properties of wool fabrics	Varun S Goud & Jayant Udakhe	Pramana – Journal of Physics Vol. 76 No. 6 pp. 1-9	June 2011
36	Comparative study of blended	Achintya	Journal of the Textile	July – August

Wool Research Association

	worsted yarn tensile properties, measured in different Principles of measurement	Kr.Samanta	Association, Page No. 85 – 89, July – August 2011	2011
37	Acoustic Textiles	Girish Kherdekar, Mayur Basuk, Jagadanand Behera	Colourage vol-LVIII no-7-july2011-pp43-53	July 2011
38	Polymer-Layered Silicate Nanocomposites and Applications of Nano clays in Textiles	Varun S.Goud	Asian Textile Journal, p.72	August 2011
39	Recent advances in shrinkproofing of wool	Jayant Udakhe, Smita Hoande, Neeraj Shrivastava	Journal of the textile association, Vol. 72, No. 3	Sept-Oct 2011
40	Effect of ultrasonic irradiation on wool scouring	V.S. Goud, S.P. Honade, M.K. Bardhan, T.R.Rao	Manmade Textiles In India, page no. 385-390, Vol. XXXIX No.11	November 2011
41	From Micro Fibres to Nano Fibres	Mayur Basuk, Jayant Udakhe	Textile Excellence, Vol. 9 No. 11, Page No. 18-19	December 2011
42	Recent advances in wool and woollen processing	Shri V.S. Goud and Shri J.S. Udakhe	Published in the book “Trends in small ruminant production- Perspectives and Retrospect” pp 477, Indian Society for Sheep and Goat Production and Utilization, Central Wool Development Board and Central Sheep and Wool Research Institute	December 2011
43	Developments in carpet processing	Mayur Basuk, Girish Kherdekar	Colourage Vol. LVIII No. 12 Dec. 2011	Dec. 2011
44	Effect of yarn hairiness, DBD plasma and enzyme treatment on itching propensity of woollen knitwear	Jayant Udakhe, Shishir Tyagi, Neeraj Shrivastava, Smita Honade, Aniket Bhute	Colourage Vol. LIX No. 5, Page no. 46-51	May 2012
45	Wet spinning of Flax yarn in cotton ring frame	Achintya K. Samanta, Dr. Probal K. Majumder	The Indian Textile Journal, page no- 20-27	May 2012
46	Flame retardant wool based fabrics for Home textile & Automobile Interiors	Mayur Basuk & R. S. Bahuguni	Man Made Textiles in India, Vol. XL, No.-6, Page no. 189-193	June 2012
47	Enzyme oriented washing treatment for Hand Knotted Carpets Dyed with Natural Dyes	Aniket Bhute & Mayur Basuk	Dye Chem Pharma Business News, page 28 – 31	August 2012

Wool Research Association

	(Part 1)			
48	Enzyme oriented washing treatment for Hand Knotted Carpets Dyed with Natural Dyes (Part 2)	Aniket Bhute & Mayur Basuk	Dye Chem Pharma Business News, page 29 - 31	September 2012
49	Influence of plasma processing parameters on mechanical properties of wool fabrics	Varun S Goud	Indian Journal of Fibre & Textile Research, Vol. 37, pp. 292-298	September 2012
50	Wool in Medical Textiles	Mayur Basuk, Achintya Samanta & Girish Kherdekar	www.technicaltextile.net	October 2012
51	Plant based natural dyes and mordants: A Review	K. H. Prabhu & Aniket Bhute,	Journal of Natural Product and Plant Resources, 2 (6), pages 649-664	December 2012
52	Plasma induced physico-chemical changes & dyeing behavior of wool fabrics	Jayant Udakhe & Smita Honade	Colourage, Vol. LX No. 1, pages No. 41-46	January 2013
53	Specialty Animal Hair Fibres	Dr. K. H. Prabhu	WTiN Intelligence web portal, UK	6th March 2013
54	Influence of Different Metal Electrodes on Electrocoagulation Process for Treatment of Disperse and Reactive Dye Wastewater	Neeraj Shrivastava, Jayant Udakhe, Smita Honade	International Dyer, Issue 8, 2013	Issue 8, 2013
55	SPORTECH- Needs, Challenges and its Prospects	Mrinal Choudhari & K. H. Prabhu	Dye Chem Parma, June, 2013	June, 2013
56	Lanolin – A value added product from wool grease Part 1 & 2	Amit Sengupta & Jagadanand Behera	Dye Chem Pharma, July & August 2013	July & August 2013
57	Enzyme Assisted Eco-friendly Green Textile processing	Amit Sengupta, Jagadanand Behera & Mayur Basuk	Bangladesh Textile Today, September 2013	September 2013
58	Composite Textile Applications in Aerospace Technology	K. H. Prabhu and Naresh Kumar	WTin Online Web portal, UK	3rd September, 2013
59	Advancements in Computer Colour Matching: Colour Matching through Internet	Smita Honade, Neeraj Shrivastava, Aniket Bhute & C.W. Acharya	Journal of the Textile Association	Sep.-Oct. 2013
60	Herbal Colorant Assisted Eco-friendly Green Textile Processing Part 1, 2 & 3	Amit Sengupta, Dr. Mrinal Choudhari & Naresh Kumar	Dye Chem Pharma, Oct., Nov., Dec. 2013	Oct., Nov., Dec. 2013
61	Overview of Indian Sporting goods and equipment industry	Amit Sengupta, Mayur Basuk, Aniket Bhute & Shishir Tyagi	The Indian Textile Journal, Nov. 2013	Nov. 2013

Wool Research Association

62	A review on Organic Wool	Amit Sengupta & Jagadanand Behera	Colourage, Dec. 2013	Dec. 2013
63	Indian Carpet Industry and its way forward	Amit Sengupta, Mayur Basuk	Textile Asia	Jan. 2014
64	Organic baby skin-friendly sustainable textile draws wider attention	Amit Sengupta & Jagadanand Behera	ATA journal for Asia on Textile & Apparel	Feb 2014
65	Waterproof breathable fabric characteristics, techniques and applications	Amit Sengupta & Jagadanand Behera	Asian Textile Journal	Feb 2014
66	Effect of blend ratio on yarn evenness and imperfections characteristics of wool/polyester ring spun yarn	A K Samanta	Indian Journal of Fibre & Textile Research, Vol. 39, March 2014, pp. 89-92	March 2014
67	Fragrance Release and Moth Repellent Activity of Natural Essential Oils	Jayant Udakhe, Neeraj Shrivastava & Smita Honade	Colourage, Vol. LXI No. 5, Page No. 33-38	May 2014
68	Absolute and Relative Activity of Microencapsulated Natural Essential Oils against the Larvae of Carpet Beetle <i>Anthrenus Flavipies</i> (LeConte)	Jayant Udakhe, Neeraj Shrivastava, Smita Honade	Journal of Textiles, Volume 2014 (2014)	
69	A synopsis on functional sportech products for adventure sports	A. Sengupta, M. Basuk, A. Samanta & J Udakhe	Textile Times, June-July 2014 pp 9	June-July 2014
70	Electrocoagulation as an Alternative Treatment for wastewater Generated From Scouring of Merino Wool	Neeraj Shrivastava, Jayant Udakhe & Smita Honade	Indian Journal of Environmental Protection, Volume 34 Number 7	July 2014
71	Environmental Safety through Recycling of Textiles: An Outlook	A. Sengupta & J. Behera	Colourage, India	August 2014
72	Comprehensive view on chemistry, manufacturing & applications of lanolin extracted from wool pretreatment	A. Sengupta & J. Behera	American Journal of Engineering Research, USA	July 2014
73	Light sensitive smart colour changing textiles	A. Sengupta & J. Behera	Asian Textile Journal	November 2014
74	Next to skin easy care woollens by plasma and other eco-friendly technologies	M. K. Bardhan and J. S. Udakhe	"Plasma technologies for textile applications: Growth potential in India" Page Number 229-253, Woodhead publishing India Ltd. (2014)	2014
75	Textiles for High Risk Sports	M. Basuk & A.	Textile Value Chain	February 2015

		Sengupta		
76	Spider silk: Ancient biomaterial for functional textiles	A. Sengupta & J. Behera	Melliand International, Issue-1, 2015	2015
77	Bio-chemical Assisted Eco-Friendly processing of Wool	Mr. A. Sengupta, Dr. M. Choudhari & Ms. S. Honade	Colourage	July 2015
78	Textile Nets – an Essential Accessory in Sportech	Mr. M. Basuk & Mr. A. Sengupta	Colourage	September 2015
79	Plasma Induced Physicochemical Changes and Reactive Dyeing of Wool Fabrics	J. Udakhe, S. Honade, and N. Shrivastava	Journal of Materials Volume 2015 (2015)	October 2015
80	Enhancing Disperse dyes dyeability with beta-cyclodextrin	J. Udakhe, S. Honade, and N. Shrivastava, R.V. Adivarekar	International Dyer, Issue 5, 2016	
81	Nanotechnology: A driving force to produce future intelligent textile materials	Amit Sengupta	Colourage	Aug 2016

Publication details

1. Amint sen gupta , Jaganand behara, **Comprehensive view on characteristics & applications of Smart chromic textiles** , Colourage, 2014, page no 42-52.
 2. Amint sen gupta , Jaganand behara, **Light-sensitive smart colour changing textiles** , Asian Textile Journal, 2014, page no 54-64.
 3. Amint sen gupta , Jaganand behara , **Smart chromic colourants draw wide attention for the growth of future Intelligent textile materials** , Journal of Advance Research in Manufacturing, Material Science & Metallurgical Engineering, Vol 1, issue 2, 2014, page no 89-119
- Smita Bait, Supriya Pandit, Suvidha Shinde ,Nagaiyan Sekar, and Ravindra Adivarekar, **Synthesis and Application of Uv Ray’s Protective Mono Azo Acid Dyes on Wool, Silk and Nylon**, International Journal of Modern Trends in Engineering and Research, Vol 5,issue 7, 2018,Page no 7-22
- Shishir Tyagi & Girish Kherdekar, **Design and development of smart sportswear used for various sports** , International Journal of Modern Trends in Engineering and Research (IJMTER), Volume 04, Issue 11, 2017, page no .95-100
- Chetan Mahajan, Girish Kherdekar, Anil kumar Sharma, **“Development of Keratin Based Poly Vinyl Alcohol (PVA) Electrospun Nanofibrous Mat from Wool Waste for Air Filtration.** International Journal of Modern Trends in Engineering and Research, Volume 04, Issue 11, 2017, pp 218-224