

Endorsement from the Supervisor

Ms. Amrita Doshi has researched extensively on the topic “Banana fiber to fabric: Process optimization for improving its spinnability and hand” vide registration No: 127, (Dated: August 5th 2011). She has presented her progress of work in seminars well attended by teachers and students of department. She has successfully completed her course work.

She has presented one paper at international level and four papers at the National level, one on “Effect of Hydrogen Peroxide bleaching treatment on Banana fibers” in XXX Biennial Conference of Home Science Association in India, Organised by Faculty of Family and Community Sciences at the Faculty of Family and Community Sciences, The Maharaja Sayajirao University of Baroda, Vadodara dated: 20th Dec 2013.

Another paper titled Improving the Fineness and Hand of Banana Fibers for Yarn Spinning at seminar on Recent Advances in Textile Finishes, organised by ICAR - Central Institute for Research on Cotton Technology, Matunga, Mumbai on 17th December 2016.

Third paper titled as Spun Bananas on The Loom during a National level technical level paper presentation competition in the conference on Eco- Textiles and Green Consumerism 2017, organised by Avinashilingam, Institute for Home Science and Higher Education for Women on 24th February 2017, and secured first prize in oral presentation.

Paper titled as Agro Fibers for Textiles and Improved Rural Income: Banana Khadi was presented in Make in India – A Paradigm roadmap for growth of India seminar on March 2017, organised by MK Amin Arts & Science & College of Commerce and Faculty of Social Work, The M.S.University of Baroda, Vadodara. The paper has also been sent for publication.

Paper titles as Banana Fiber to Fabric - Banana Khadi was presented technical paper presentation at international conference on Empowering Khadi and Handloom

through Design Intervention organised by Consortium of Green Fashion in the department of Clothing and Textiles, Faculty of Family and Community Sciences, The Maharaja Sayajirao University of Baroda, Vadodara, and secured first prize in oral presentation.

She has published two papers:

- 1) Process optimization of Bleach of Banana Fiber in International Journal of Scientific Research, June 2016, volume 5, issue 6.
- 2) Optimization of Enzyme treatment for Banana Fibers in International Journal of Textile and Fashion Technology, April 2016, volume 6, issue 2.

Ms. Amrita Doshi has also collaborated with TRADC Birla Cellulosic, Kosamba for a part of the research, titled as “Process Optimization for softening of Banana Fibre and application development product for Banana and regenerated cellulose to meet aesthetic performance”.

She has also filed Patent application on November 4th 2016 titled “Treatment of Banana Fabric for hand spun and hand woven fabrics – Banana Khadi.

Prof. Anjali Karolia
Guide

Dr. Madhu Sharan
Head

Prof. Uma Iyer
Dean