

Endorsement from the Supervisor

Ms. Arpita Desai has researched extensively on the topic “**An Experimental Study of Fabric Construction using Minor Fibers for Sound Resistant Materials**” vide registration No: FoFCSC/2/152, (Dated: September 20, 2013). She conducted extensive work which have been substantiated its originality. 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 personally presented two papers at International level, one was on “*Innovation in minor fibers towards technical textiles for women empowerment*” in 2nd International conference organized by Birla Vishvakarma Mahavidyalaya (Engineering College)(An Autonomous Institution), Managed by Charutar Vidya Mandal, Vallabh Vidyanagar, Anand, Gujarat, India from 28th to 30th June, 2018 and second on “*Conjoining Minor Fibres with Khadi and Handloom for Technical Textiles*” in International Conference on Empowering Khadi And Handlooms Through Design Intervention, organized by Consortium of Green Fashion (Fourth Edition) held from 30th September & 1st October 2016. Also presented a poster at International level on “*Review of Natural Fibers for Acoustic Textiles*” in International Conference on Technical Textiles and Nonwovens (ICTN), organized by IIT Delhi, held from 6th to 8th November 2014.

She has also presented two papers at National level, on “*Performance of Sisal fibers for sound absorbing materials*” in Young Researchers Symposium on Emerging Trends in Textile, Fiber and Polymer Research, organized by Department of Textile Technology, IIT Delhi, held from 15th – 17th May 2019 and “*Traditional Process for Technical Textile*” in National seminar on Make in India - A Paradigm Roadmap for Growth of India, jointly organized by M. K. Amin Arts & Science College and College of Commerce, Padra held on 4th March 2017. An abstract has been published in the proceedings of 14th Asian Textile Conference on “*Sustainable process for the growth of technical textiles*” held in Hong Kong from 27th to 30th June 2017.

She has published three papers:

- 1) Morphological structure of Sisal for acoustic – Under Publication
- 2) Conceptual Framework: Sustainable Technical Textiles Product, *Textile Trends*, July 2020, Volume LXIII, Issue 04.

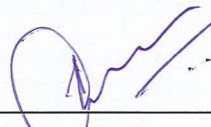
- 3) Innovation in Minor Fibers towards Technical Textiles for Women Empowerment in *Journal of Emerging Technologies and Innovative Research*, November 2018, Volume 5, Issue 11.

She has also started the Patent application on for the sound resistant fabrics.



Ph.D Guide & Dean

Prof. (Dr.) Anjali Karolia



Co-guide & Associate Professor

Dr. Hireni Mankodi