

ABHILASHA



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WORK EXPERIENCE

- Nov 2018 onwards Scientist at Central Silk Technological Research Institute (CSTRI), Central Silk Board (Ministry of Textiles, Govt. of India), Bengaluru
- Jan 2018 - onwards Assistant Prof. (TEQIP 3), Textile Chemistry department, MLVTEC Bhilwara, Rajasthan
- July 2014 - Feb 2015 Teaching Assistance, Department of Fashion Technology, BPS Women University, Sonapat, Haryana
- July 2012- Feb 2013 J.R.F., Department of Textile Technology, IIT Delhi

EDUCATION

- Ph.D. Department of Fashion Technology BPS women University, Pursuing
- M.Tech Department of Fibre and Textile Processing Technology, ICT Mumbai, 2012
- B.Tech Textile Chemistry, TIT&S Bhiwani, 2010

RESEARCH PROJECTS

- Development of mulberry sericin powder for nutraceutical application
- Standardization of process to improve fastness properties of dyed silk
- Development of Sericin/ Polysaccharide encapsulated fertilizer for crop management and growth
- Developing novel applications from silk fibres and silk protein- DBT sponsored

PUBLICATIONS

Journal Articles	9
Book Chapters	2
Conferences	6

RESEARCH INTERESTS

Processing of Silk
Non Textile applications of Silk

Natural Dyes
Silk Sericin

IMPORTANT PUBLICATIONS

- Extraction and characterization of silk sericin, *Indian Journal of Fibre and Textile Research*, 39, (2014)
 - The Biopolymer Sericin: Extraction and Applications, *Journal of textile science and engineering*, **5(1)**, (2015).
- Book Chapter published
- Lalit Jajpura, Abhilasha Rangji, Asimananda Khandual, Chapter 10 'Natural Finishes, technologies and recent developments' in Book on "Sustainable Technologies for Fashion and Textile", ISBN 978-0-08-102867-4; Woodhead Publications; pp 209, Dec 2019.