



1	Name	: Tripurari Choudhary
	Designation	: Scientist –C (R & S)
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2	Educational Qualification	: <ul style="list-style-type: none"> • B.Tech in Carpet and Textile Technology from IICT, Bhadohi, UPTU, Lucknow, 2005 to 2009 • M.Tech in Fibre Science and Technology from IIT Delhi, 2009 to 2011
3	Experience	: <p>13.Years</p> <ul style="list-style-type: none"> • 1 Year: Plasma processing of textiles as a research Student @SMITA, IIT Delhi to make self-cleaning textile. • 4 Years: Development of fabric (Silk) based immunoassay for rapid diagnostic kit and development of electrochemical strips for metabolite detection at Achira Labs Pvt. Ltd., as Design Engineer since June 2011 to Sept 2015. • 3.5 Year: As Scientist-B (R&S) working at STSC, CSTRI, Central Silk Board, Bhagalpur since 13 Oct. 2015 to 30 June 2019. • 4.5 Year: As Scientist-C (R&S) working at STSC, CSTRI, Central Silk Board, Bhagalpur since 1st July 2019 to till date.
4	Area of Research Interest	: Plasma processing of textile, Chemical Processing, Product Development Biomedical application of Textile (Silk). Field related research
5	Ongoing Research Project /Exploratory Work	: <ul style="list-style-type: none"> • Validation of Grading of Tasar Raw Silk Yarn under project Code MOE07027SI as CO-PI. • TOT- Studies on tasar cocoon drying cooking using CSTRI, Conveyor dried and pressurized cooking technology. • TOT- Bio finishing of Tasar silk fabrics using enzymes.
6	No. of Publications	: 3, One paper in International journal Lab on a chip, One Patent, One - International conference paper
7		: <ol style="list-style-type: none"> 1. Woven electrochemical fabric based test sensors (WEFT):a new class of multiplexed Electrochemical sensor , Lab Chip, 2015,15,2064, Tripurari Choudhary, G.P Rajamaickam, Dhananjay Dendukuri, 2. Patent : Composition of Fabric based Lateral Flow Assay Device using electrochemical detection, Detection means and device therefrom, Tripurari Choudhary, Ashish Kumar, Gururaj K.B, (2012), no.PCT/IB2012/055410. 3. Fabchips : A Weaving-Based Fabric Platform for Affordable Microfluidic Chip Manufacture, Dendukuri*, P. Bhandari, T. Choudhary, S. Sridharan, Achira Labs Pvt. Ltd., India, Micro-Tas Conference, Germany, 2013