Scientist Profile

1.	Name	:	TripurariChoudhary
	Designation	:	Scientist-C (R&S)
	Address (office)	:	Silk Technical Service Centre, CSTRI, Central Silk Board, [Ministry of Textiles- Government of India] Andi Farm, Zeromile, Bhagalpur-813210 (Bihar)
	Email	:	tripuiitd@gmail.com
	Tel (off)	:	0641-2611041
2.	Educational Qualification	:	• B.Tech in Carpet and Textile Technology from IICT, Bhadohi,UPTU, Lucknow, 2005 to 2009 • M.Tech in Fibre Science and Technology from IITDelhi, 2009 to 2011.
3.	Experience :	:	6 Years • 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 2011to Sept 2015. • 1 Year: As Scientist-B (R&S) working at TTL/DCTSC, CSTRI, Central Silk board, Bhagalpur since 13 Oct. 2015 to continue.
4	Area of Research Interest	:	Plasma processing of textile, Chemical Processing, Product Development Biomedical application of Textile(Silk) ,
5.	On-going research project/exploratory works	:	-
6.	Number of Publication	:	3 One paper in International journal Lab on a chip, One Patent, One -International conference paper.
7.	Important Recent Publication	:	1. TripurariChoudhary, G.P Rajamaickam, DhananjayDendukuri, Lab Chip, Woven electrochemical fabric based test sensors (WEFT):a new class of multiplexed Electrochemical sensor , 2015,15,2064 2. Patent : TripurariChoudhary, Ashish Kumar, Gururaj K.B, Composition of Fabric based Lateral Flow Assay Device using electrochemical detection, Detection means and device therefrom,(-2012), no.PCT/IB2012/055410. 3. Dendukuri*, P. Bhandari, T. Choudhary, S. Sridharan and S.V.ShaliniAchira Labs Pvt. Ltd., INDIA,Fabchips : A Weaving-Based Fabric Platform for Affordable Microfluidic Chip Manufacture, , Micro-Tas Conference,Germany, 2013