

SHORT PROFILE

1. **NAME:** Dr. Brojeswari Das

Designation: Scientist-C

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2. EDUCATIONAL QUALIFICATION:

- **Ph.D.**, Indian Institute of Technology, Delhi, PhD (Topic): Studies on moisture transmission through fabrics, 2009.
- **M.Tech.**, Textile Technology (Manmade Fibres), Maharaja Sayaji Rao University of Baroda, Vadodara, 2004.
- **B.Tech.**, Textile Technology College of Textile Technology, Berhampore, University of Calcutta, 2002.

3. EXPERIENCE:

- **March 2010 to till date:** Working as Scientist 'B' at CSTRI, Central Silk Board, Ministry of Textile, Govt. of India.
- **July 2009 to December 2009:** Worked as Research Associate in CSIR sponsored project at Department of Textile Technology, IIT Delhi.
- **July 2005 – July 2006:** Researcher at Department of Textile Engineering, University of Minho, Portugal under Asia-Link Project.
- **July 2004 to June 2009:** Full-Time Research Scholar at Department of Textile Technology, IIT Delhi.
- **June 2001 – December 2001:** Worked at MANTRA, Surat under the project of MANTRA entitled "*Flame Retardant Retardant Finishing on Polyester, Cotton, Viscose and Their Blended Fabrics*", as a part of M.Tech. project.

4. AREAS OF RESEARCH INTEREST:

Technical textiles	Comfort properties of fibrous materials
Textile testing	Modelling and simulation in textile
Medical textiles	Silk technology
Yarn spinning	Product development

5. ONGOING RESEARCH PROJECT

- Studies on comfort properties of eri silk and wool blended fabric for winter wear application – Proposal submitted
- Application of aroma finish on silk fabric.

6. PUBLICATIONS: Total: 26 No.s

Books/Chapters/Monographs: 04 No.s

Journal Articles: 9 No.s

Conference Papers: 13 No.s

IMPORTANT PUBLICATIONS:

- Brojeswari Das et al., Book on “Moisture Transmission through Textile Fabrics”, Lambert Academic Publishing, Germany (LAP, Germany), 2010, ISBN No. 978-3-8383-9744-3.
- D. Bhattacharjee and B. Das, Modeling and Simulation of Heat and Mass Transfer Properties of Textile Materials, chapter in the book entitled “Modeling and Simulation in Fibrous Materials: Techniques and Applications”, Nova Science Publishers, Inc, New York, edited by A. Patanaik. 2011, 217-258, ISBN 978-1-62100-116-4.
- Brojeswari Das et al., Development of Mathematical model to predict vertical wicking, Part I: Wicking through yarn, Journal of the Textile Institute, Volume 102, Number 11, November 2011, pp. 957-970.
- Brojeswari Das et al., Mathematical model to predict vertical wicking, Part II: Wicking through fabric, Journal of the Textile Institute, Volume 102, Number 11, November 2011, pp. 971-981.
- Brojeswari Das et al., Preparation and processing of muga silk, Tekstilna Industrija, ISSN No. 0040-2389, September 2010, 12-20.