

HARIHARASUDAN NATARAJAN

PERSONAL INFORMATION

Designation Scientist – B (R&S)
Address Central Silk Technological Research Institute,
RTCC-PMCE
Central Silk Board,
CSB Complex, BTM Layout, Madiwala, Bangalore-560068
Telephone 94877-04398; 080-26282107
Email sudan.csb@gmail.com; hari.csb@nic.in



TECHNICAL EDUCATION

2007 – 2011 Bachelor of Technology – Textile Technology
Bannari Amman Institute of Technology, Anna University – India
2012 –2014 Master of Science – Textile Trade and Technology (Technical Textiles)
Hochschule Niederrhein University of Applied Sciences – Mönchengladbach, Germany

WORK EXPERIENCE

Since Feb 2023 Scientist (R & S)
Central Silk Technological Research Institute, Central Silk Board
May 2019 – Jan 2023 Assistant Professor
Sardar Vallabhbhai Patel International School of Textiles & Mgt., India
Jan 2017 – April 2019 Operations Manager
Abinaya Textile Mill, India
Aug 2014 – July 2016 Operations Manager – Asia
PARAS Lifestyle GmbH, Willich – Germany
July 2012 – May 2014 Scientific Co-Worker (Wissenschaftlichen Mitarbeiter)
Forschungsinstitut für Textil und Bekleidung, Hochschule Niederrhein
July 2011 – Feb 2012 Graduate Engineer
NSL Textiles Limited, India

RESEARCH PROJECTS

- Phase Changing Material based Thermal capacitor clothing
- High Temperature Finishing for Filtration
- Liquid and gas phase filtration membranes
- Textiles for Electro-Smog Shielding
- Thermal reflective fabric using metal pigments
- Permanent functionalization of synthetic fibers for High Performance applications
- Anti-Microbial functionalization with sol-gel medium and HT process

AREA OF RESEARCH INTEREST

- Functionalization and Characterization
- Surface modification
- Technical application of silk material and by-products

CONFERENCES & PUBLICATIONS

- Conference / Seminar : 7
- Publications : 4
- Book / Book chapters : 2

11 November, 2023