

Kiran. B. Malali

Scientist-D



ADDRESS: Vanya Silk Reeling Division
Central Silk Technological Research Institute

CENTRAL SILK BOARD

Madiwala, BTM Layout, Bangalore - 560068

Email: kiranbmalali@gmail.com

Tele: 0091-80-26282162 (O) **Mob:** 98862 96466

Educational Qualification:

Name of the University/ Institute	Degree	Year
Karnataka University, Dharwad	B.E (Textiles)	1987
Visweshwaraya Tech. Univ., Belgaum.	M.Tech (Textiles)	2008

Experience:

#	Position /Designation	Institute	Period
1	Departmental Head	Binny's Ltd, Bangalore	1988-91
2	Senior Research Asst.	SCTH, CSB Bangalore DCTSC, Nuapatna, Orissa	1991-96 1996-2001
3	Senior Research Officer	CSTRI, CSB, Bangalore	2001-08
4	Scientist - C	CSGRC, CSB, Hosur (T.N)	2008-12
5	Scientist - C	CSTRI, CSB, Bangalore	2012 -14
6	Scientist - D	CSTRI, CSB, Bangalore	2015 Onwards

R & D Projects (Completed):

- *Fabrication of suitable sizing machine for tasar silk [As PI]*
- *Standardization of process parameters for production of tasar peduncle mill spun yarn and its characterization [As CI]*
- *Modifications in the existing reeling & spinning M/c's for commercial utilization in tasar sector [As CI]*
- *Development of Silk-Coir Union Blended Fabrics & Products [As PI]*
- *Studies on Silk Carpets: Influence of structure on Carpet properties [As PI]*
- *Development of suitable Cooking Technology & characterisation of Railey Cocoons [As CI]*
- *Grading of Tasar Silk Yarn [As CI]*
- *Development of New Type of Yarn (Void Silk) In Reeling and Spinning process and its characterization" [As CI]*

R & D Projects (Ongoing):

- *BPS 01013CN Utilisation and Diversification of silkworm pupae products for Human & Animal consumption and composting [As PI]*
- *CYF 07011 SI entitled "New methods of recycling discarded silk materials / Waste for sustainability" [As CI]*
- *CFC 07006 MI entitled "Studies on Tasar cocoon drying and cooking using CSTRI conveyer drier and pressurized cooking technology" [As CI]*

Patents: ONE -WET REELING MACHINE, Publications: Research Papers: 39

Achievements: Nodal Officer [Orissa] – UNDP, Consultation Team Member - Raymond's Ltd, Core committee member for evaluation of Tasar machineries.

Conceptualized:

1. **“Buniyaad Reeling Machine”** for eradication of thigh reeling practices and the machines are being commercialized under CSS.
2. **“Sonalika Muga weft Reeling Machine”** for eradication of Bhir Reeling practices among North Eastern States.

Awards:

- ❖ The Special Recognition Award conferred by Smt. Smriti Zubin Irani, Union Minister of Textiles, at a function organized on January 5, 2019 at Sawan Pavilion in Lal Qila, Delhi for development of Buniyaad Reeling Machine for Silk fiber
- ❖ American Society of Mechanical Engineers (ASME) hosts international award ISHOW – India for accelerating hardware – led social innovation every year. Contributions for the upliftment of Tasar reelers through Unnathi Reeling Machine was recognized in a competition and declared winners ISHOW INDIA 2019 on 4th April 2019.
- ❖ Ashden, UK is a sustainability charity that works with organizations all over the world to accelerate the transition to a low-carbon world through awards. Coordinated M/s Resham Sutra Pvt. Ltd New Delhi, CSB authorized Vanya Silk reeling machine manufacturer in showcasing the transformational changes accomplished through Buniyaad machines. Declared winners for ASHDEN International AWARD 2019 - for powering business under Energy and Woman category.
- ❖ Excellence and Innovation Award – 2019 conferred by Dr. B.Vasanthraj David Foundation, Chennai on 17th November 2019.

Memberships:

- ❖ Life membership with Administrative Staff College of India, Hyderabad.
- ❖ Member of Board of studies in the Department of Costume Design and Fashion – Dr.SNS Rajalakshmi College of Arts & Science Coimbatore- TN