



1. **Name:** : RAVIKUMAR.D
Designation : SCIENTIST - D
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Telephone : 080 26282162
2. **Educational Qualification** : M. Tech. (Textiles)
3. **Experience** : 21 years
4. **Areas of research interest** : Post Cocoon activity in
Mulberry & Non Mulberry
Reeling and spinning
5. **Ongoing research projects/ exploratory works**
 - Development of Single end sizing machine for Tasar yarn
 - Development of Eight end reeling machine for Tasar & Muga cocoons
6. **Exploratory works**
 - a. Study of various finishing treatments on eri spun yarn/fabrics suitable for suiting
 - b. Production of furnishing fabrics out of peduncle spun yarn
 - c. Production of eri spun yarn suitable for garment
 - d. To study the yarn characteristics of upper, middle and inner layer of tasar cocoons, yarn and fabrics
 - e. Fine tuning of mechanical brushing of tasar/ muga cocoons

- f. Studies on characterization of tasar peduncle – fibre, yarn and fabric
- g. Production of tasar fabric on powerloom – using untwisted wet reeled Indian tasar yarn
- h. Development of Eri – Angora blended spun yarn and to study the yarn properties

7. **Number of publications** : 10

8. **Important / recent publications** :

1. Uday C Javali, **Ravikumar D** and Subrata Roy (2010) “A comparative study on Tasar cocoon cooking – Pressurized v/s improved method” Man Made Textiles in India, : Vol.1, No.3, 100-102
2. Uday C Javali, **Ravikumar D** and Subrata Roy (2010) “Innovation of improved muga silk reeling cum twisting machine – a boon for muga sector” paper presented at “Twenty third National Convention of Textile Engineers”, New Delhi : March 26h – 27th - 77.
3. Uday C Javali, **Ravikumar D** and Subrata Roy (2010) “Innovation of Eight-end multi end Tasar reeling machine – A boon to non mulberry sector” Paper presented in workshop on “Recent Advances in Sericulture Research” organized by Central Silk Board, Bangalore : May 18th and 19th - 58.
4. Prakash N Bhat, **Ravikumar.D**, G. Thimmareddy, and Subrata Roy the Technical article of “Studies on cross – linking of sericin on polyester fabrics” published in Man Made Textiles during the month of March 2010
5. **Ravikumar.D** has participated in the Inter National Conference and Exhibition on “ TEXTILE AND APPARAL INDUSTRIES” and presented paper on “Study of Production and process of 100% cotton bed linen held On: 16th & 18th April 2009

6. Srinivasa, U.C. Javali, and Ravikumar.D (May 2011) “ Studies on Application of