

**Dr. S.N.RAMESH** B. Tech. (Textile Tech), M. Tech. (Textile Tech), Ph.D. (Textile Tech)

**Associate Professor**

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### **RESEARCH INTEREST**

Spinning Technology, Textile fibres, Operation Research Technique, Management

### **TEACHING EXPERIENCE: 34 years**

- Presently working as In charge of Spinning Laboratory
- Presently working as Associate Professor from 01-08-2012 to till date
- Worked as Assistant Professor 01-08-2007 to 01-08-2012
- Worked as senior lecturer from 01-05-2005 to 01-08-2007
- Worked as Lecturer from 18-08-1986 to 01-05-2005

### **EDUCATION**

- **Ph.D.** in Textile Technology from Visvesvaraya Technological University, Belagavi, on 18<sup>th</sup> March 2019.
- **M. Tech.** in Textile Technology from **GOVT.SKSJT INSTITUTE** Bangalore University Bangalore in 1996
- **B. Tech.** in Textile Technology from **GOVT.SKSJT INSTITUTE** Bangalore University, Bangalore in 1986

### **PROFESSIONAL MEMBERSHIP:**

- Member of Indian Society for Technical Education (ISTE)
- Member for Institute of Engineers (IE)

### **PUBLICATIONS**

<b>Sl. No.</b>	<b>Title with Page Nos.</b>	<b>Journal details</b>	<b>ISSN/ ISBN No.</b>	<b>International /National</b>
1	Production and Study of Properties of Core and Ring Spun Yarn Fabrics	Indian Textile Journal	Nov.1993	National
2	New Spinning System: Conventional Ring Spinning vs Compact Spinning Systems. An Overview	Colourage	Aug.2012 Vol LIX no.8	National
3	Modification in Ring Spinning System, Compact Spinning System and Its Advantages	SPINNING TEXTILES	Dec.2012	National
4	Application Weibull Modelling for polyster cotton Blends	Spinning Textiles	Nov.2019	National

**PAPERS PRESENTED IN CONFERENCES, SEMINARS, WORKSHOPS, SYMPOSIA**

Sl. No.	Title of the paper presented	Title of Conference / Seminar	Organised by	International /National
1	Application of Mathematical Equations to determine the Consistency of Blend Composition in Polyester cotton Blended yarn	International conference at Osmania University Hyderabad on 27 -28 Feb.2020	College of Technology, Osmania University Hyderabad	International
2	EDP Programme on Skill Development	Sponsored by Hand loom and Textile Department, Govt.of Karnataka	BIET and Hand loom and Textile Dept. Davangere	National
3	Study Yarn Properties produced from Lyocell cotton Blends	Lenzing Austria	BIET Davangere	International
4	Weathering and Light Fastness Testing of Textiles	Mount Carmel College	8 <sup>th</sup> Dec.2011	International

**SHORT TERM COURSES/WORSHOPS**

Sl No.	<b><u>Attended</u></b>			
	Name of the Course / Summer School	place	Duration/Period	Sponsoring Agency
1	Short term course on Modern Developments in Spinning Technology	RVS College Dindigul Tamil Nadu	16-28 Nov.2003	AICTE New Delhi
2	NCUTE Pilot Programme on Blow Room and Carding	Textile and Engg. Institute, Ichalkaranjee, Maharastra	28 <sup>th</sup> and 29 <sup>th</sup> Jan.1999	NCUTE IIT New Delhi
3	Innovations in Textile Engineering	PSG College of Technology, Coimbatore on 5 <sup>th</sup> May 2012	5 <sup>th</sup> May 2012	PSG College Coimbatore
4	Emerging Trends in Fibres and Textiles	Dept. of Textile Technology IIT, New Delhi	6 <sup>th</sup> to 10 <sup>th</sup> July 2009	IIT Delhi
6	Research and Innovations in Textile Engineering	PSG College of Technology, Coimbatore on 4 <sup>th</sup> May 2013	4 <sup>th</sup> May 2013	PSG College, Coimbatore
8	Recent Developments in Spinning Machineries	KCT Coimbatore	16 <sup>th</sup> Feb.2013	KCT Coimbatore

## **SPONSORED PROJECTS**

<b>Sl. No.</b>	<b>Title</b>	<b>Responsibility</b>	<b>Agency</b>	<b>Grant /Amount Mobilized (Rs. Lakh)</b>
1	Field of spinning of Lyocell and Cotton Blended Yarns	Project Coordinator	Lenzing Austria	5 Lakhs
2	Eri Silk Products	Project assistant	Textiles Committee Mumbai	3.75 Lakhs
3	Differentiation of Khadi and other textiles	Project assistant	KVIC, Mumbai	9.94
4	Differentiation of Khadi and other textiles	Project assistant	KVIC, Mumbai	9.94

## **RESPONSIBILITIES**

- Department (Programme) NBA Coordinator
- Department Academic In-charge
- Worked as office superintendent, VTU examinations
- In-charge –Spinning Lab
- EDP Project Coordinator
- Member, BOE, VTU
- Chairman, BOE, VTU
- Coordinator, KSCST Projects of the Institute

## **PROJECTS GUIDED:**

**For B.E.: 72 batches**

**For M. Tech.: 8 students**

## **SUBJECTS TAUGHT**

**For B. Tech:** Spinning, Textile fibres, Operation Research Technique, Statistics

**For M. Tech:** Advanced Apparel and Textile Testing, Yarn Engineering and Research Methodology

## **PROJECTS**

**Ph.D. Thesis: “Study of Ring and Compact Yarn on the Performance and Functional Properties of Single Jersey Knitted Fabrics”**

**Description:** Compact Spinning Technology is one of the latest spinning technology adopted on the existing Ring frame. This Technology is Technically Economically Viable. Compact spinning Technology reduces hairiness on the yarn surface to an extent of 90%. Hairiness is one of the major factor considered in the yarn stage and fabric stage. Uniform fabrics and uniform dyeing can be produced on the fabrics produced from Compact yarns. In addition weibull modelling also derives that the results are comparatively better in case of compact yarn to that of Ring Yarn

**Project during post-graduation: “Application of Linear Programming technique to reduce**

**the raw material cost during cotton mixing”**

**Description:** Linear Programming Technique is one of the scientific tool in Textile and Garment Industries. This techniques has been used to determine the quantity of different cottons to be mixed to produce quality yarns. LPT will will give an idea for effective mixing. This technique is Techno economically viable

**Project during Graduation: “Comparative Study of Silk Yarns Produced from Bivoltine and Multivoltine Cocoons”**

**Description:** WE have carried out the project by extracting filaments from Multivoltine and Bivoltine cocoons and conducted comparative study to judge their suitability.

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