

# SITRA PUBLICATIONS

S. no.	Book Titles	Price in Rs.	
		Member	Non-Member
Latest Reports 2007-2010			
1.	A Physicochemical Method for the Estimation of Flax content in Flax/cotton Blend	40	60
2.	A Study on Material Handling in Spinning Mills	70	80
3.	A Study on the Cost & Quality of Fabrics Imported by the Garment Industry Vis-a-Vis that of Fabrics Sourced from within the Country	70	90
4.	Achievable levels of tenacity and evenness in compact spun yarn – an exploration	60	80
5.	Achievable Machine Efficiency in Automatic Cone Winders - Ready Reckoner	150	200
6.	An Inter-mill study on packing materials cost in spinning mills	90	120
7.	Application of Nano Finish on Fabrics made out of Compact and Conventional Ring Spun Yarns	50	70
8.	Design and Development of An Instrument to Evaluate Staple Fibre Processing Propensity	50	70
9.	Design and Fabrication of a Bacterial Filtration Efficiency Tester	50	70
10.	Development of Bandages using Bamboo Fibres	70	90
11.	Energy conservation in compressed air system of textile mills	60	80
12..	Evaluation of Comfort Properties & Dyeing Characteristics of Fabrics made out of Compact Yarns	40	60
13.	Factors influencing yarn quality changes during high speed winding	60	70
14.	Highlights of Emerging Technologies at ITMA - 2007, Germany	70	90
15.	How to assess a spinning mill's productivity?	90	120
16.	Impact of Power Cut on the Performance of Spinning Mills	180	250
17.	Interaction of the Properties of Individual Cotton Fibres in a Blend	50	60
18.	Modernisation of Machines in Spinning Mills	130	180
19.	Optimisation of Roller Settings in Sliver lap, Ribbon lap and Comber Draw box	60	90
20.	Optimum Twist in Roving Based on Fibre Properties & Roving Hank	60	90
21.	Processing of Silk Cotton blends in short staple ring spinning system-some studies	60	80
22.	SITRA's 32nd Productivity Survey in Spinning Mills	180	250
23.	Studies on Gassing and Mercerising of Combed Cotton Yarns	60	80
24.	Technical Textiles – SITRA's Contributions	50	80

## SITRA PUBLICATIONS (contd...)

S. no.	Book Titles	Price in Rs.	
		Member	Non-Member
<b>Reports earlier to 2007</b>			
1.	A Framework for Estimating Savings and Losses from Product Mix, Operational and Commercial Parameters in a Spinning Mill	40	50
2.	A New Methodology to Arrive at Combing Efficiency Using Single Fibre Length Data	40	60
3.	A Study on Extra Sensitive Yarn Imperfections on Fabric Appearance	20	30
4.	A Study on Packing Materials Cost in Spinning Mills	60	90
5.	A Study on the Influence of Fibre & Yarn Parameters on Lint Shedding Propensity	20	30
6.	A Study on the Properties and Processing Performance of Bt-Cottons	60	70
7.	A Study on the Quality of Yarns Made of Man-Made Fibres and its Blends	40	50
8.	A Study on Two-for-one Twisting	60	80
9.	A Study to Assess the Financial and Operational Strengths and Weakness of Spinning Mills for Rehabilitation of Potentially Viable Spg Mills	30	40
10.	Achievable Efficiency in Conventional Cone Winding with EYC and Splicers - Ready Reckoner Tables	150	200
11.	Achievable Levels of Yarn Elongation and Hairiness based on Fibre Properties & Process Variables	60	70
12.	Achievable Production in Doubler Winding Machines	50	60
13.	An Energy Efficient Control System for Humidification Plants - "SITRA Climo Control"	60	80
14.	An Energy Efficient Control System for Water Cooling Towers in Textile Industry - "SITRA ENERCOOL"	40	50
15.	An Inter-Mill Study of Quality of Cotton Yarns	80	100
16.	Azoic Dyes - Studies as per German Ban	20	30
17.	Cotton and Competing Natural Fibres	30	40
18.	Cotton Requirements in 2004-05	30	40
19.	Design and Development of a High production Gin and Ling Cleaner	20	30
20.	Devation Rate in Yarn Mass and its Effect on Fabric Appearance	50	60
21.	Development of a Technology Package for Speciality Polyester Fibres	40	50
22.	Development of ASTM Yarn Appearance Standards on EIB for Fine Yarns	20	30
23.	Development of Fire Resistant Yarns & Fabrics by Air-Jet Spinning	20	30
24.	Development of Woven Vascular Graft	20	20
25.	Dynamic Tensile Properties of Yarn and Prediction of Yarn Behaviour During Mechanical Processing	20	30
26.	Effect of Some Ring Spining and Winding Parameters on Extra Sensitive Yarn Imperfections	40	60
27.	Energy and Production Management Information System for Textile Mills SITRA EnerInfosys	50	70

## SITRA PUBLICATIONS (contd...)

S. no.	Book Titles	Price in Rs.	
		Member	Non-Member
28.	Energy Conservation in Overhead Travelling Cleaners Used in Textile Mills - "SITRA PCRA OHTC ENEROPTIMISERS"	40	60
29.	Energy Efficient Drive Control System for Automatic Cone Winding M/c SITRA ENERCONER	50	60
30.	Evaluation of Knitting Behaviour Using Artificial Neural Network	50	70
31.	Impact of Higher Spindle Speeds on Profits in Different Types of Mills and Yarns	50	80
32.	Improvement of Light Fastness of Reactive Dyed Cotton Textiles	60	70
33.	Labour & Machine Productivity in Spg. Mills 29th Survey	90	120
34.	Labour & Machine Productivity in Spg. Mills 30th Survey	90	120
35.	Low Cost Fibre Recovery Plant	20	30
36.	Measurement of Yarn Diameter and Twist by Image Analysis	20	30
37.	Measures for Sustaining Profitability of Spinning Mills	50	70
38.	Objective Measurement of Structural Parameters of Rotor Spun Yarn	20	30
39.	Online Monitoring of Yarn Contamination on Weft Knitting and Winding M/c	30	50
40.	Operatives Employment Pattern in Spinning Mills	90	120
41.	Production and Productivity in Conventional Cone Winder	50	70
42.	Production Pattern and Product Diversification in Spinning Mills	60	80
43.	Productivity in Conventional Cone Winding, Automatic Cone Winding and Reeling	50	60
44.	Productivity in Reeling and Cone Winding	90	120
45.	Qualitative and Quantitative Requirements of Cotton in 2004-5	20	30
46.	Quantitative and Qualitative Requirements of Cotton in 2010	40	60
47.	Ready Reckoner to Convert Oven Dry Mass to Conditioned Dry Mass of Blended Materials	10	20
48.	Reeling in Textile Mills	20	30
49.	SITRA FlexiMark - A Computerised System For Marker Making in Garment Industry	50	60
50.	SITRA Motor Relay Tester - A Device to Test Over Load Relays in Textile Mills	40	50
51.	SITRA Motorised Yarn Appearance Winder	20	30
52.	SITRAMiniSPIN-Miniature Spinning Frame For Test Runs	40	50
53.	Studies on Spinning Behaviour, Anti-Fungal and Thermal Properties of Bamboo Fibres	40	60
54.	Weak Spots in Cotton Yarns and Factors Influencing the Same	50	60
55.	What Does Over-Quality of Yarns for Domestic Markets Cost to Mills	40	60
56.	WTO and its Impact on Indian Textile & Clothing Industry	100	140
57.	Yarn Production Pattern, Changes and Trends During 1993-2001	40	50
58.	Yarn Quality Improvement with "SITRA CON-HAIR" in Manual cone winder	20	30
59.	Yarn Quality Requirement and Techno-Economics of Shuttleless Looms	140	180

## SITRA PUBLICATIONS (contd...)

S. no.	Book Titles	Price in Rs.	
		Member	Non-Member
<b>Mill Control Reports</b>			
M1	Operation Factors Critical to cost Reduction in Spinning Mills (1996-Costs) MCR No.13	20	30
M2	SITRA's Work on Financial Performance of Spinning Mills and Measures to Reduce Cost (1991 - 2000) MCR No.18	20	30
M3	Work Methods of Ring Frame Tenters MCR No.6	20	40
<b>Books</b>			
B1	50 Years of Growth of SITRA	300	300
B2	50 Years of Research at SITRA	500	600
B3	Maintenance Management in Spinning (2009)	300	400
B5	Norms for Textile Industry – Chemical	250	250
B6	Quality Control in Spinning (Dec. 1999)	100	150
B7	SITRA Norms for Spinning Mills (2010)	300	400
B8	Textile Testing - Fibre, Yarn & Fabric (Sept. 2006)	300	400
B9	Yarn Faults and Package Defects	50	50
B10	Yarns and Technical Textiles	200	300
B11	Maintenance Management in Weaving 2008	250	350

\* \* \* \* \*