

65th

**Annual Report
2002-2003**



**SOMA TEXTILES &
INDUSTRIES LIMITED**



A SOMANY ENTERPRISE
Making technology pay



Annual Report 2002-2003

BOARD OF DIRECTORS

Shri S. K. Somany	(Chairman)
Shri A. K. Somany	(Managing Director)
Shri G. S. Mantry	
Shri Shreekant Somany	
Shri P. Bandyopadhyay	(Executive Director)
Shri R. S. Verma	(Executive Director)
Shri Piyush Bhatia	(Nominee Director - ICICI Bank Ltd.)

SECRETARY

Shri R. S. Sharma

AUDITORS

Pipara & Company, Ahmedabad

BANKERS

Dena Bank
State Bank Of India

REGISTERED OFFICE

2, Red Cross Place, Kolkata - 700 001.

WORKS

- 1) Rakhial Road, Ahmedabad - 380 023.
- 2) Plot No. D-49, MIDC, Baramati - 413 133 Dist. Pune

BRANCH

4-K, Connaught Circus, New Delhi - 110 001

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ANNUAL REPORT 2002-2003**NOTICE**

NOTICE is hereby given that the 65TH ANNUAL GENERAL MEETING of the Members of Soma Textiles & Industries Limited will be held at Somany Conference Hall of Merchants' Chamber of Commerce, 15B, Hemanta Basu Sarani, Kolkata - 700 001 on Monday, the 1st September, 2003 at 3-00 P.M. to transact the following business:

ORDINARY BUSINESS

1. To receive, consider and adopt the Audited Balance Sheet as at 31st March, 2003 and the Profit & Loss Account for the year ended on that date together with the Reports of the Directors and Auditors thereon.
2. To appoint a Director in place of Shri S.K. Somany, who retires by rotation and being eligible, offers himself for re-appointment.
3. To appoint a Director in place of Shri Shreekant Somany, who retires by rotation and being eligible, offers himself for re-appointment.
4. To appoint Auditors and to fix their remuneration.

SPECIAL BUSINESS

To consider and if thought fit, to pass with or without modification(s) the following Resolutions:

As a Special Resolution:

5. De-listing from Regional Stock Exchange at Kolkata.

"RESOLVED THAT subject to the provisions of the Companies Act, 1956, (including any Statutory modification(s) or re-enactments thereof, for the time in force and as may be enacted hereinafter), Securities Contracts (Regulation) Act, 1956 and the Rules framed there under, Listing Agreements and all other applicable Laws, Rules, Regulations and guidelines for the time being in force and as may be enacted hereinafter, and in pursuance of Securities And Exchange Board of India (De-listing of Securities) Guidelines 2003. and clarifications thereon issued from time to time and subject to such approvals, permissions and sanctions as may be necessary and subject to such conditions and modifications as may be prescribed or imposed by any authority while granting such approvals, permissions and sanctions, which may be agreed to by the Board of Directors (whether acting through Board or a Committee of the Board or any person authorised by the Board), consent of the Company be and is hereby accorded to the Board to de-list the Equity Shares of the Company from The Calcutta Stock Exchange Association Ltd., (The Regional Stock Exchange of the Company)."

"RESOLVED FURTHER THAT the Board of Directors of the Company (hereinafter referred to as the Board which term shall be deemed to include any Committee or person thereof for the time being exercising the powers conferred by the Board) be and is hereby authorised to seek voluntary de-listing from the Regional Stock Exchange of the Company at Kolkata and to take all necessary steps in this regard as it may in absolute discretion deem necessary, to settle any question, difficulties, doubts that may arise in regard to the delisting of the existing Equity Shares and to execute all such deeds, documents and writings as may be necessary desirable or expedient and for the purpose to delegate the authority to the Managing Director or the Company Secretary or any person whom the Managing Director may consider suitable to do various acts, deeds and things required to be done in this behalf."

6. Commission to Directors (Other than the Managing and Whole-time Directors).

As a Special Resolution

"RESOLVED THAT in accordance with and subject to the provision of Section 309 (4) read with Section 309 (7) of the Companies Act, 1956, the Company do hereby authorise the payment to the Directors of the Company (Other than the Managing and Wholetime Directors, if any) of a commission (to be divided amongst them, in such amounts or in proportions and in such manner as may be determined by the Board of Directors of the Company from time to time and in default of such determination equally) of 1% (One percent) per annum of the net profits of the Company, to be computed in the manner prescribed in Sub-section (1) of Section 198, referred to in Sub-section (5) of Section 309 of the Companies Act, 1956 in any financial year of the Company, for a further period of 5 years, commencing from 1st April 2003 and upto 31st March 2008."

"RESOLVED FURTHER THAT the Board of Directors of the Company be and is hereby authorised to do all such acts, deeds, matters and things as may be considered necessary, proper and expedient in order to give effect to the above Resolution."

By Order of the Board

Place : Ahmedabad
Date : 28th May, 2003

(R. S. Sharma)
Company Secretary

**NOTES :**

1. An Explanatory Statement pursuant to Section 173(2) of the Companies Act, 1956 relating to Item No.5 and 6 of the Notice is annexed hereto.
2. A member entitled to attend and vote at the meeting is entitled to appoint a proxy to attend and vote on a poll, instead of himself. Such proxy need not be a member of the Company. Proxies, in order to be effective must be received at the Registered Office of the Company not less than 48 hours before the meeting.
3. The Register of Members and the Share Transfer Books of the Company will remain closed from Thursday, the 21st August, 2003 to Monday, the 1st September, 2003 (both days inclusive).
4. Members are requested to notify change in their address in block letters, if any, quoting their folio number to the Company.
5. Members/Proxies are requested to bring their copies of the Annual Report at the Meeting.
6. Pursuant to Section 205A of the Companies Act, 1956 and the Rules made thereunder, all unclaimed or unpaid dividends for and upto the financial year ended 31st March, 1995 have already been transferred to the General Revenue Account of the Central Government. Members, who have not yet claimed or collected their dividend for the said financial years, are requested to lodge their claim with the Registrar of Companies West Bengal, Nizam Palace, IInd MSO Building, 234/4 A.J.C. Bose Road, Kolkata - 700 020 by submitting an application in Form II, prescribed under the Companies unpaid Dividend (Transfer to General Revenue Account of the Central Government), Rules 1978 as amended upto date.
7. Consequent upon amendment in Section 205A of the Companies Act, 1956 and introduction of Section 205C, by the Companies (Amendment) Ordinance, 1999, now the amount of Dividend for the financial year ended 31st March, 1996 and thereafter, (no dividend was declared by the company after the financial year ended 31st March, 1998 and upto 31st March 2003) remaining unclaimed for a period of seven (7) years from the date of payment or transfer of Dividend to the unpaid Dividend Account of the Company will be transferred to the Investor Education and Protection Fund established by the Central Government

Members who have not yet claimed their dividend for the year ended 31st March, 1996 and 31st March 1997, are requested to make their claims to the Company.

It may be noted that no claim shall lie against the Company or the said fund in respect of individual amounts which were unclaimed and unpaid for a period of 7 (Seven) years from the date of payment and transfer to the said fund and no payment shall be made in respect of any such claim.
8. This Notice may also be treated as separate Notice, informing all the members concerned individually of particulars of dividends transferred to the General Revenue Account of the Central Government as required by the Companies unpaid Dividend (transfer to General Revenue Account of the Central Government) Rules 1978 as amended.
9. Members, holding shares in identical order of names in more than one folio, are requested to send details of such folios together with Share Certificates for consolidating their holdings in ONE FOLIO. Share Certificates will be returned to the members after making requisite change thereon.
10. Members are requested to intimate to the Company, query (ies), if any, on the Accounts and operation at least 10 days before the Meeting to keep the information ready at the meeting.
11. Members who hold shares in dematerialised form are requested to bring their depository ID Number and Client ID Number for easier identification of attendance at the Annual General Meeting.

Brief Resume and other information in respect of the Directors seeking re-appointment at the Annual General Meeting :-

Shri S.K. Somany

Aged about 73 years, and is an Industrialist. He is a graduate in Commerce (B.Com.). He is a Director and Chairman of the Company. He is also on the Board of Simplex Mills Co. Ltd., Jamsnri Ranjitsinghji Spg. & Wvg. Mills. Co. Ltd., Nav Bharat Refrigeration and Inds. Ltd., SPL Limited, Simplex Trading & Agencies Ltd., Somany Evergreen Knits Ltd., Shreelekha Global Finance Ltd & Simplex Paper & Pulp Ltd. Further, he is Chairman of the various Committees of Company such as Audit Committee, Share Transfer Committee, Investors Grievance Committee & Remuneration Committee.

Shri Shreekant Somany

Aged about 55 years, is an Industrialist and Managing Director of SPL Limited. He has been continuing as a Director of the Company since March, 1996. He is a Graduate and holds a Bachelor of Science Degree. He is on the Board of various Company's among others are Cosmo Ferrites Ltd., Shree Cement Ltd and Pressed Steel Tank Co. of India Ltd. He is a Member of Remuneration Committee of Shree Cement Ltd.

ANNUAL REPORT 2002-2003**EXPLANATORY STATEMENT IN RESPECT OF THE SPECIAL BUSINESS PURSUANT TO SECTION 173(2) OF THE COMPANIES ACT, 1956.****Item No. 5**

As the Members are aware that the Equity Shares of the Company are presently listed at Kolkata (the Regional Stock Exchange), Mumbai and National Stock Exchange.

Consequent to rapid changes in the capital market and since substantial volume of trading is put through National Stock Exchange and Mumbai Stock Exchange, the trading volume at The Calcutta Stock Exchange is now very thin and rare, virtually negligible and is apparent from the following Dates of Trading Volumes of The Calcutta Stock Exchange Association Ltd.

From	Period To	No. of Shares Traded	No. of Trades	% of total Paid-up Capital of the Company
1.4.1999	31.3.2000	3300	3	0.03%
1.4.2000	31.3.2001	800	2	-
1.4.2001	31.3.2002	15900	3	0.16%
1.4.2002	31.3.2003	198860	39	1.99%

No particular benefit is available to the shareholders of the Company by continuing the listing on the Regional Stock Exchange. The trading volume at the Regional Stock Exchange is not justifying payment of Listing Fee and other expenses, the Company is incurring.

The Board of Directors of the Company is therefore contemplating the possibilities of voluntary delisting of its shares from the Regional Stock Exchange at Kolkata. Accordingly, the Board of Directors at their meeting held on Wednesday the 28th May 2003, passed and recommended the requisite resolution, giving authority to the Directors to delist the shares of the Company from the Regional Stock Exchange at Kolkata subject however to the Members approval.

As required under the Listing Agreement, entered by the Company with the Stock Exchange where the Company's shares are listed and in pursuance of Securities And Exchange Board of India (SEBI), (De-listing of Securities) Guidelines 2003, which has interalia provided that there shall not be any compulsion for the existing Company to remain listed with the exchange merely because it is a regional exchange, the Company therefore seeks your approval by way of Special Resolution for de-listing the Company's shares from the Regional Stock Exchange i.e., The Calcutta Stock Exchange Association Ltd. at Kolkata. The resolution set out under Item No. 5 of the convening notice is therefore commended for your acceptance.

The Company's shares however will continue to be listed on the National Stock Exchange and The Stock Exchange, Mumbai. Shareholders/Investors in this region will not suffer due to de-listing since with the introduction of Trading Terminals by National Stock Exchange and The Stock Exchange, Mumbai, trading in shares of the Company can conveniently be done from all over the country.

None of the Directors of the Company may be deemed to be concerned or interested in this Resolution except to the extent of their shareholding in the Company.

Item No. 6

The Company by a Special Resolution passed at its 60th Annual General Meeting held on Wednesday, the 16th day of September 1998, was authorised by the Members of the Company to make payments to its Directors (other than the Managing and Wholtime Directors of the Company) of a commission of 1% (One percent) of the net profits of the Company for each of the Financial year for a period of Five (5) years commencing from the 1st day of April 1998 and ending on the 31st day of March 2003.

In terms of the provision of Section 309(7) of the Companies Act, 1956, which provides that a Special Resolution passed under Section 309(4) of the act shall not remain in force for more than Five (5) years at a Stretch, the previous resolution as stated to have passed hereinabove remained valid upto the end of Company's Financial year ended on 31st March, 2003. Accordingly it is proposed to pass a fresh Resolution by way of Special Resolution for the purpose of continuity of payment of such commission for each Financial Year in pursuance of Section 309(4) read with Section 309(7) of the Companies Act, 1956 for a further period of Five (5) years commencing from 1st day of April, 2003 and ending on the 31st day of March, 2008. The Resolution set out in Item No.6 of the convening Notice is intended for seeking member's approval and your Directors accordingly recommend the same.

All the Directors except Shri P. Bandyopadhyay and Shri R.S. Verma may deem to be interested or concerned in the said Resolution.

By Order of the Board

Place : Ahmedabad
Date : 28th May, 2003

(R. S. Sharma)
Company Secretary

**DIRECTORS' REPORT**

Your Directors have pleasure in presenting the 65th Annual Report and the Audited Accounts of the Company for the year ended 31st March, 2003.

FINANCIAL RESULTS

	2002-2003	(Rupees in lacs) 2001-2002
Turnover	15180.61	12804.18
Profit Before Depreciation	1298.93	42.09
Less : Depreciation	639.07	650.17
Extra Ordinary Items	462.71	—
Net Profit / (Loss) For the Year	197.15	(608.08)
Add : Transferred from General Reserve	—	58.49
Less : Balance of Previous Year brought forward	(549.59)	—
Balance Carried to Balance Sheet	(352.44)	(549.59)

DIVIDEND

In view of the losses of earlier years and the need to conserve resources to repay on time to the Financial Institutions, the Directors do not recommend any dividend for the year 2002-2003.

REVIEW OF OPERATIONS

The steep reduction in the cost of cotton has resulted in reduction in the world cotton output due to less sowing and prices of cotton have increased by 25%. Unfortunately due to insufficient rains the cotton production in India was greatly affected and the prices of indigenous cotton also have substantially increased.

AHMEDABAD UNIT

The Government of India further reduced Excise Duty on fabrics from 12% to 10%. For the first time, the Government has taken a bold step to complete the cenvat chain in the entire textile industry, making it obligatory for each and everyone dealing in textiles to get themselves registered with the Excise authorities to claim cenvat. Although minor concessions have been given to very small business people, the over all impact of this would result in better compliance of the Excise laws and this is expected to increase the revenue of the Government.

The market for Denim remains steady and our production further increased from 4.7 million meters to an all time high of 6.4 million meters. Due to the high prices of Cotton, which is the basic raw material for Denim, some resistance in increase in prices is expected.

BARAMATI UNIT (100% EOU)

The production in this Unit remained steady. The generating sets which were running on Light Diesel Oil were converted to Heavy Fuel Oil at an investment of Rs.3.5 crores and the annual benefit expected is Rs.2 crores. Due to high level of contamination in the indigenous cotton your Company still continues to import contamination controlled cotton chiefly from the United States of America to continue to serve the quality demanding buyers.

PROSPECTS

Although there has been a very big opposition to the sowing of B.T. Cotton, it is quite apparent that the yield per hectare would be substantially higher and in time to come, the production of B.T. Cotton is expected to rise substantially.

Under the WTO agreement, quota restrictions from the year 2005, would be completely eliminated and it would become necessary for our country to compete in the world market. India's strength had been the lower cost of indigenous cotton compared to world prices but this has completely eroded due to very low production per hectare.

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A comparative figures of a few countries are given below:

Country	Yields per Hectare in Kg.
USA	760
China	1000
Brazil	974
Australia	1545
India	300
World Average	608

It is imperative for our country to produce at least 20 million bales of quality cotton annually to remain competitive and to continue the thrust on export, very much needed.

INSURANCE

All the properties of your Company have been adequately insured against fire, floods, strike, riots, earthquake, malicious damage and explosion risks.

PUBLIC DEPOSIT

The Company did not accept any Fixed Deposit during the year. All public deposits matured up to 31.03.2003 have been repaid.

AUDITOR'S REPORT

All the items on which comments have been made by the auditors in their Report to the Shareholders are self explanatory as explained by way of Notes to the Accounts under Schedule 21 to the Balance Sheet and Profit & Loss Accounts, and therefore does not call for any comments.

DIRECTORS

In accordance with the provisions of the Companies Act, 1956 and Articles of Association of the Company Syt. S. K. Somany and Syt. Shreekant Somany, the Directors, retire from office by rotation at the forthcoming Annual General meeting and being eligible, offer themselves for re-appointment.

DIRECTORS' RESPONSIBILITY STATEMENT AS PER SECTION 217 (2AA) OF THE COMPANIES ACT, 1956.

Pursuant to the requirement under Section 217 (2AA) of the Companies Act, 1956 with respect to Directors' Responsibility Statement, it is hereby confirmed -

- (i) that in the preparation of the accounts for the financial year ended 31st March, 2003, the applicable accounting standards have been followed along with proper explanation relating to material departures;
- (ii) that the directors have selected such accounting policies and applied them consistently and made judgments and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the company at the end of the financial year and of the profit or loss of the company for the year under review;
- (iii) that the directors have taken proper and sufficient care for the maintenance of adequate accounting records in accordance with the provisions of the Companies Act, 1956 for safeguarding the assets of the company and for preventing and detecting fraud and other irregularities; and
- (iv) that the directors have prepared the accounts for the financial year ended 31st March, 2003 on a 'going concern' basis.

CORPORATE GOVERNANCE - CLAUSE 49 OF THE LISTING AGREEMENT

Your Company is committed to achieving the best standards of corporate governance. To achieve this, your Company is thriving to adopt best practices in corporate governance. Your Company has implemented and complied with the recommendation of the code of Corporate Governance. A report on Corporate Governance, Management Discussion and Analysis and Auditors Certificate regarding compliance of Corporate Governance are made a part of this Report.



SOMA TEXTILES & INDUSTRIES LIMITED

AUDITORS

M/s Pipara & Company, Chartered Accountants, the Statutory Auditors of the Company retire by rotation and being eligible, offer themselves for re-appointment.

The Board of Directors recommends re-appointment of M/s. Pipara & Co., as the Statutory Auditors of the Company.

COST AUDIT

The Board, pursuant to the Government's directive under section 233 B of the Companies Act, 1956, have appointed M/s. N D Birla & Co., Cost Accountants, Ahmedabad, as Cost Auditors of the Company subject however to the approval of the Central Government for audit of cost records maintained by the Company relating to manufacturing of textiles for the Financial Year 2003-2004.

PARTICULARS OF EMPLOYEES

The Company has no employee drawing a remuneration as prescribed under Section 217 (2A) of the Companies Act, 1956, read with Companies (Particulars of Employees) Rules, 1975 as amended, during the year under review.

ADDITIONAL INFORMATION

As required under Rule 2 of the Companies (Disclosure of Particulars in the Report of Board of Directors) Rules 1988, the particulars relating to Conservation of Energy, Technology Absorption and Foreign Exchange Earning and Outgo in Form A and B are annexed hereto.

LISTING OF SHARES

The Equity Shares of the Company are listed on the following Stock Exchanges :

Name	Address
1. The Stock Exchange, Mumbai	Phiroze Jeejeebhoy Towers, Dalal Street, Mumbai - 400 001.
2. The Calcutta Stock Exchange Association Ltd.	7, Lyons Range, Kolkata - 700 001.
3. National Stock Exchange of India Ltd.	Exchange Plaza, 5th Floor, Plot No.C/1 G-Block, Bandra Kurla Complex, Bandra (East), Mumbai - 400 051.

The Company has paid Annual Listing Fees for the year 2002-2003 to the above mentioned Stock Exchanges.

APPOINTMENT OF R & T AGENT

To comply with SEBI's circular No. D & CC/FITTC/CIR-15/2002, the Company has appointed Pinnacle Share Registry Pvt. Ltd., Ahmedabad, a registered Registrar & Transfer Agent as common Share Transfer Agent of the Company.

ACKNOWLEDGEMENT

Your Directors take this opportunity to place on record their deep sense of gratitude to the banks, financial institutions, Central and State Government Departments for their assistance and support. Your Directors are also grateful to the customers, suppliers and business associates of the Company for their continued co-operation and support. Your Directors express their deep sense of appreciation for the total commitment, dedication and hard work put in by the employees of the Company. Lastly, your Directors are deeply grateful for the confidence and faith shown by the members of the Company in them.

On behalf of the Board

Place : Ahmedabad
Date : 28th May, 2003

(S.K.Somany)
Chairman

ANNUAL REPORT 2002-2003**ANNEXURE TO THE DIRECTORS' REPORT**

Additional information as required under the Companies (Disclosure of Particulars in the Report of Board of Directors) Rules, 1988.

(A) Conservation of Energy

The company considers Energy Conservation as measure thrust area to have competitive edge in the present competitive market.

The company has implemented following to conserve energy and reduce energy cost.

- a. All the three D.G.Sets, which were working with L.D.O. were successfully converted to Furnace Oil, this has substantially reduced the power cost and also increased the fuel efficiency.
- b. Periodic Audits were conducted for identifying the leakages in the compressed air distribution system. By arresting these leakages the load time of compressors could be reduced resulting in saving of energy and power.
- c. By overhauling the humidification plants and by necessary modification in the blade angle, dampers and eliminators, the CFM of supply and return system was enhanced.
- d. In the spinning section the impellers and suction tubes were modified. At the carding section the waste collection system was redesigned. These have resulted in ample power saving.
- e. Conventional tube light fittings were replaced and electronic ballasts were installed.
- f. Considerable saving in fuel and DM water could be achieved after installing the SPIRAX Pressure Powered Pump Package units.
- g. By maintaining power factor up to 99% we could claim higher rebate in the year 2002-2003.
- h. Audit by external agencies were sought for identifying potential areas of power saving and these are being implemented at various levels.

Further proposals for Energy Conservation and Saving.

1. Automatic Blow Down Control System for existing boiler.
2. Condensate Recovery from Jet Dyeing Machines
3. FAD meter for new Compressors
4. Effimax System for existing Boiler.

FORM-A (See Rule-2)

Form of disclosure with respect to Conservation of Energy

A. POWER & FUEL CONSUMPTION

	Current Year	Previous Year
1. a. Purchased		
Unit (in thousands)	27665 KWH	26292 KWH
Total Amount (Rs. In lacs)	1236.99	1223.38
Rate / Unit (Rs.)	4.47	4.65
b. Own Generation		
- Through Diesel Generator		
Unit (in thousands)	24121 KWH	24569 KWH
Unit per Ltr. of Diesel	3.73	3.75 KWH
Cost/Unit (Rs.)	3.07	3.13
- Through Steam Turbine/Generator	N.A.	N.A.
2. Coal-Lignite (Specify Quality & where used)		
Quantity (Tons)	12836	11867
Total Cost (Rs. in lacs)	170.63	154.81
Average rate per ton (Rs.)	1329.31	1304.53
3. Furnace Oil		
Quantity (KL)	3431	N.A.
Total Cost (Rs. in lacs)	338.07	N.A.
Average rate per ltr. (Rs.)	9.85	N.A.
Others /Internal Generation	N.A.	N.A.

**B. CONSUMPTION PER UNIT OF PRODUCTION****Products (with details)****Standard (if any)**

Cotton, man-made & blended Fabrics & yarn. There is no prescribed standard. It is not possible to work out such details from the records maintained by the company in accordance with the Companies Act, 1956 in view of the different types of the products and varied Processes.

A. RESEARCH AND DEVELOPMENT

Research & Development is a continuous process at the company to enhance the quality, new product development and superior end product. Significant R & D during the year are as under:-

1. SPECIFIC AREAS IN WHICH R & D IS CARRIED OUT BY THE COMPANY

- Installation of Hennatex Deduster at Blow Room.
- Airjet Picanol PAT-ZRP were added up for Denim fabric weaving.
- Lamperti Sueding Machine (Italy) was installed for uniform and consistent sueding effect.
- Two sophisticated Micro Processor Controlled Jigger Dyeing Machines were installed for dyeing high value cotton and polyester cotton blend fabric.
- The rings of Ring Frames were replaced with top class TITAN Rings.
- Imported Cotton was also introduced for superior yarn quality and lower contamination levels.
- In Denim, product development initiatives were undertaken and following were introduced:
 - Denim Fabric with sulphur colour over dyeing.
 - Cross dyed effect on Denim with reactive dye to give contract effect.
 - Mercerising on Denim Fabric to impart better feel, softness and lustre.
 - Poly Denims (Cotton warps and Polyester Weft) and Fancy Denim with Lycra yarn and linen weft were developed with different construction and these were well accepted by the market.
 - Moving with latest fashion trend, various combinations were developed with Slub Yarn and also variations with multi counts in warp to give a unique appearance in Denim (Cross Hatch and Cross Fine)
 - Focus was also given in the RMG fabric sector by introducing pigment dyed fabric to get stone wash effect. Cross dyed fabrics were developed in Cotton and Polyester Cotton blends to give multi colour effect by dyeing different colour.

2. BENEFITS DERIVED AS A RESULT OF R & D.

- By conducting trials and modifying the process route, the productivity increased at various stages of yarn and fabric manufacturing.
- By optimising the processes and by introducing better chemicals, dyestuff and accessories the quality of the end product improved substantially resulting in better acceptance by the Ready Made Garment manufacturers.
- With thorough monitoring of process parameters and simulation of dyeing and colour combination at laboratory, the consistency of fabric quality and reproducibility improved thus resulting in better (Right First Time) packing percentage and lower value loss. This also enabled better fulfillment of committed delivery dates.