

**AHMEDABAD TEXTILE
INDUSTRY'S
RESEARCH ASSOCIATION**

2015-2016

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MESSAGE FROM CHAIRMAN, COUNCIL OF ADMINISTRATION

Every day we should ask ourselves as to how we can deliver greater value to our stakeholders: the industry, the Government and the society at large. We have to be in relentless search of innovation led sustainable growth and timely delivery.

I am confident that the textile industry in India will grow substantially in the next 10-20 years. Development and sustainability of industry depends on entrepreneurial ideas and skills. We need to bridge the gap between developing new products in the laboratory and getting them to the market. The emphasis should be on getting more from less, which means achieving more valued products with less research, less power, less water and less pollution.

Environmentally sustainable solutions that lead to substantial reduction in effluents affordable housing for

masses, large scale use of eco-friendly natural products for construction, alternative affordable aesthetic materials for use in mass transportation, etc. remain as areas with huge potential for research and innovation. Speed, scale and sustainability will be the trio on which we will have to base our competitive advantage.

Innovation is all about doing things differently to make a difference. ATIRA is presently involved in a massive transformative change process. This process is based on achieving three goals, namely extreme efficiency, war on waste and value maximization. I am sure with the new dynamism in ATIRA, it will make a difference not just to its own balance sheet, but more importantly, to the balance sheet of the Indian textile industry and indeed to the balance sheet of our beloved nation.

Dr. R.A. Mashelkar
Chairman

DIRECTOR'S OVERVIEW

ATIRA as an institution has given itself four goods that are oriented towards serving the industry and nation. These are Private goods, Public goods, Social goods and Strategic goods. The goods have both SWEAT (operation and revenue generation) and BRAIN (Research and Innovation) components. For survival of the institution the funds are generated primarily through private goods, mainly the Sweat component, i.e. serving day-to-day needs of the industry. ATIRA has undertaken new projects that have culminated in delivering Social and Public goods. These goods have primarily Brain components involving Research and Innovation:

- Sanitation for all – ATIRA has developed a unique cost effective modular toilet. ATIRA has signed 9 MoUs with various agencies across 9 states in the country
- Clean India; ATIRA has developed a novel Bio processing technology of water less dyeing resulting in significant reduction in pollution
- Protection of Environment and Make in India - Bio processing technology :Water less dyeing technology results in significant cost reduction towards saving in consumption of water and treatment of liquid pollution would lead to encourage wet processing sustainable in India rather than migrate to low cost countries like Bangladesh

- Protection of general public from health hazards of deadly disease such as swine flu: ATIRA has developed a Nano fibre based Face Mask effective for filtration of viruses with 99.9% efficiency
- Skill Development program of Government: ATIRA had undertaken skill development project in 9 textile sectors across 5 states training 54,387 persons. Of which 37,367 trainees were employed amounting to 68.7%
- Development of NER Region of India: ATIRA has been extensively involved in creating awareness with respect to new technologies for construction of roads, minimizing landslides and creating water reservoirs for rainwater harvesting in the NER.

The Strategic goods justify Innovation in new areas of work and to generate non-linear income that mostly involve Brain component. ATIRA has signed an MoU with Space Application Centre, Ahmedabad, to introduce lightweight components for communication systems through new technologies for reduction of payload in the satellites. At ATIRA all the four areas are focused in a balanced manner to take ATIRA forward and to serve the nation

Dr. AK. Sharma
Director

HIGHLIGHTS OF RESEARCH AND DEVELOPMENTS

CHEMICAL TECHNOLOGY DIVISION

- Process consultancy has been provided to three processing units in Gujarat and Rajasthan. The assignments were for, improving utilization of workers and machineries, reducing waste, reducing consumption of utilities, reduction in colour and chemical consumption and studying machine conditions
- Fabric Defect Analysis : 173 samples
- Certification of Customs Samples: 220 samples
- Performance assessment for various chemicals and auxiliaries used in chemical processing, Kawabata Evaluation, Trials on machine: 465 samples
- Preparation of composite standard soiled strips and dummy garments for evaluation of washing machines for clients like Whirlpool, Godrej and Panasonic.
- Evaluation of Utensil Cleaning Bars
- Presented a paper on "Environment Friendly Processes: Bio-preparation Technology and Mercerization Process Control" in Joint Technological Conference held at SITRA, Coimbatore

CENTRE OF EXCELLENCE (CoE) IN COMPOSITES:

CoE is a centre involved in applied research with an ensemble of projects and ideas emerged from the various laboratories within composite division. Upon completing five years since its establishment, the centre has shown a significant progress under vacuum infusion, pultrusion and testing facilities.

The scope of CoE-Composites is broad and demanding. A latest venture in composite division was the introduction of Robotic Braiding machine for complex-shaped braided structures. It is a state-of-the-art technology imported from Germany which, only a selected few institutes and companies possess in this country. A gist of research and development on composites is as follows:

Development of composite products:

1. Development of fixtures for medical purpose: A fixture was developed using CFRP so that X-rays can pass through CFRP material thus providing an uninterrupted view of bones during X-ray examination. Conventional aluminum fixtures on the other hand do not let X-rays pass through it and causes disrupted view of bones and other internal organs during X-ray examination.
2. Development of CFRP automobile body by VARI for a 600 cc. racing car to reduce weight functionally in comparison to the conventional materials thus improving fuel efficiency.
3. Detail analysis of FRP behavior under tension-fatigue and making a relationship between stresses and number of cycles through SN curve in association through PhD. Students of IITB.
4. Memorandum of Understanding with SAC, ISRO to prepare composite payloads for satellites.
5. Development of FRP Lift shaft gate for the safety of worker in the construction sector. The FRP lift shaft gate is light in weight, non-corrosive, durable and easy to transport in comparison to conventional metal lift shaft gates.

6. Development of FRP sign board for the display of communicable messages to the people involved in the projects in the respective site. These FRP boards are non corrosive, durable and it has negligible resale value thus protects it from theft.
7. Development of garden bench from FRP pultrusion profiles which are light in weight and durable.
8. Development of TRC based Toilet for Swachh Bharat Abhiyan.
9. Development of JRC based Toilet.

FOCUS INCUBATION CENTRE

Ministry of Textiles has approved to establish a Focus Incubation Centre in ATIRA for the development of bullet-proof PORTA cabin for North-East region. PORTA cabin will be a lightweight cost-effective composite panel made of using high strength fabric, metal base and ceramic tiles. Testing and evaluation of the PORTA cabin will be taken place in an authorized laboratory following NIJ standards. The successive product will be used for fabrication of PORTA cabin and same will be displayed in NER after consulting the concerned governments of North-East region.

Activity-wise report

Testing laboratory

The test parameters of Mechanical testing laboratory (11 No.) and heat & flame

Protection testing laboratory (6 No.) is accredited as per ISO/IEC 17025:2005.

The following instruments are incorporated in the financial year 2015-16.

- DSC machine, TA instruments
- Brookfield viscometer
- CNC rotor

The following machines for measuring electrical properties are on transit:

- Dry arc resistance testing machine
- Glow wire testing machine

- Di-electric strength testing machine
- Comparative tracking index testing machine

Functional statistics for the financial year 2015-16:

- Number of clients served: 183
- Number of tests conducted: 3860
- Number of standards followed: 45

Vacuum Infusion laboratory

- Development of CFRP fixtures

This is prepared by CFRP fabrics with epoxy resin by VARI method to meet the quality of customer expectation and this is tested under X-ray. It is observed that the X-rays pass through CFRP fixture providing a clear image.

- Development of CFRP automobile body

In a clear restriction of strength-weight ratio in the application of a 600 c.c racing car body, the parts are developed with the supplied design of the customer by carbon fabric and epoxy resin.

- CFRP and GFRP samples are prepared by VARI method for the testing of fatigue behavior of composites. So the samples are tested in the SERVOHYDRAULIC TENSION TORSION +/- 100 kN 1KNm INSTRON MACHINE under tension-tension mode with different frequency and amplitude to get a SN curve, Load Vs Cycle time.

Activities in Pultrusion laboratory

- Lift shaft gate

Development of FRP lift shaft gate by assembly of different pultrusion profiles, sections and leno mesh laminate. In order to replace the conventional metal lift shaft gates for L&T Ltd.

- Sign board

Development of FRP sign board by assembly of different pultrusion profiles sections in order to replace conventional metal sign boards.

- Garden bench

Development of FRP garden bench by assembly of different pultrusion profiles sections, which is more useful as it has better weather resistance, lightweight and durability.

IGB Laboratory

Activities with Textile Reinforced Concrete

Modular Toilet were developed in line with TV Swachh Bharat Abhiyan. The principle aim of this project is to explore the possible use of TRC for future buildings. The magnitude of progress of the project is evidently high with developments made to them on concurrent basis. Three phases of TRC composition was developed on a stage-wise succession.

Development of Jute Reinforced Composite

Jute Reinforced Composite or commonly known as JRC is a unique innovation which was brought into effect as part of improving the existing developments for Modular Toilet. JRC based toilet has slowly transformed into a potential market for cheap, durable and economical Modular Toilet.

The toilet has been demonstrated successfully in the following state government offices:

- Delhi
- Rajasthan
- Bihar
- West Bengal
- Odisha

An MoU was signed with an entrepreneur of Tamil Nadu to install 10,000 toilets in the forthcoming financial year, an MoU with the Government of Bihar is in process for the installation of 60,000 toilets.

TRC and JRC toilets were demonstrated to number of private parties like Sulabh, AOV International etc.

ENVIRONMENT ENGINEERING DIVISION

- **Highlights summarizing various services provided to the Industries in the area of Environmental Engineering:**

A. ATIRA has been a recognized Environment Auditor for the Schedule- I group of Industries since the year 2001. The recognition is renewed for the years up to 2015. A total number of Industrial clients for the calendar year 2015-16 are **24** of which 22 are new clients

B. Environment Management System Adequacy Certification & Assessment Report: 12 industries availed services from ATIRA, during the year.

C. Treatability Study was conducted for one Industry, to evolve design data essential to design Effluent Treatment Plant. Assignment for the ETP Survey Work was undertaken for one client.

D. Testing of Water, Waste water, Gaseous Emissions and Process as well as Flue Gases, Hazardous Waste, is another area where Industries avail services from ATIRA. Total **~390** samples were analyzed during the year, over and above samples from the Environment Audit clients.

E. Larsen & Toubro Limited availed DOH Test (Degree of Curing Test) services from ATIRA.

MECHANICAL PROCESS WEAVING DIVISION

Consultation

1. Technical Scrutiny of uniform fabrics for trousers and shirts was done for a public sector company and a technical Scrutiny of bidding stage was done for Woollen Fabrics for Uniforms for another public sector company.
2. Development of Specifications for different items related to new born babies and mothers for a state level government corporation.
3. Assessment of Construction Parameters of multilayer woven fabrics made from high performance filaments.

4. Weavability and Machine Requirement for Pile Fabrics for a machine manufacturer to know types of looms on which such fabrics can be made.
5. Estimation of waste percentage for a cotton based towel manufacturing unit.
6. Fabric defect analysis
7. Detailed specifications for textile designing softwares to a government college for purchase of software.

COMPUTER AIDED DESIGNING (CAD) CENTRES, AHMEDABAD & INDORE

- The CAD centre at Ahmedabad conducted eighteen training programs of 530 mandays covering 114 participants. The topics of programmes include Principles of Textile and Apparel designing, Garment Design Development and Pattern and Marker Making, Woven Fabric Structure, etc. About 100 designs were developed as part of training activity.

POWERLOOM SERVICE CENTRES (PSC) AT AHMEDABAD, DHOLKA AND INDORE

- The three Powerloom Service Centres of ATIRA carry out activities like training, testing and consultation, organizing seminars, group meeting and awareness programmes about Government schemes
- Ahmedabad and Dholka Centres conducted testing of 94 samples (yarn and fabric), 50 trouble shooting assignments and 41 sample development assignments besides conducted 18 training programmes for 216 participants. 14 awareness programmes about state and centre's different schemes for the benefit of the industrial units. Centre arranged industry visits for 26 powerloom entrepreneurs belonging to Odisha under Exposure Visit Scheme of Ministry of Textiles.
- Indore Centre conducted testing of 142 fibres, yarns and fabric samples. Technical assignments related to quality and productivity improvement were done for 19 powerloom units

and sample development for 3 units. The Centre actively participated in Buyer – Seller Meet and other seminars organised by Regional Office of the Textile Commissioner. The centre also conducted training programmes for 139 trainees.

ATIRA REGIONAL CENTRE (ARC), INDORE

- ATIRA Regional Centre provided services through testing, consultancy and training total 566 samples of fibre, yarn and fabric were received for testing. Defect analysis of 17 samples of woven and knitted fabrics was carried out by ARC during the year.

Consultancy assignments were carried out in spinning as follows :

- Assessment of Productivity levels in a spinning unit.
- Assessment of progress of modernization in spinning unit
- Technical training in Testing/ Spinning/ Weaving was conducted for Diploma and Degree students of educational institutions at Indore. Training was given to 11 students.

Activities in Quality System Group: Calibration Laboratory

The NABL accredited Calibration Laboratory at ATIRA provides calibration/testing services to the various industrial segments such as textile units, machinery and accessories manufacturers, chemical units, Pharmaceutical industry, Clinical Research organizations, hospitals, pathological laboratories, dairy, food and paint industry, Research and Development organizations, Space Applications Center, Oil & Natural Gas Units, testing laboratories of Gujarat Pollution Control Board in Gujarat and Calibration Laboratories, Coke industries etc. The Calibration Laboratory is NABL accredited since 2010 in the field of Mechanical, Thermal and Electro-Technical and provides calibration/testing services at laboratory as well as at customer's site including Specialized Instruments and Equipments.

The calibration/testing services are also availed by NABL Accredited Testing Laboratories of ATIRA namely Textile Testing, Chemical Textile Testing/ Chemical Analytical Testing, Air Sampling and Testing laboratory, Composite, Heat and Flame testing laboratory for different parameter based instruments/equipments.

At present, this laboratory is calibrating various parameter based instruments/artifacts such as dimension, pressure & vacuum, acoustic, mass metrology Weighing balance and weights, Volume, Density, Speed, Temperature, Humidity, Electro-Technical, Time, Force, Air velocity, Illumination, Electrochemical, Textile Testing and Special medical instruments etc.

The Calibration Laboratory is accredited by NABL for Calibration of Mechanical, Thermal and Electro-Technical Parameter based instruments at laboratory as well as on site calibration vide, Certificate No.C-0681, C-0682 and C-1008 respectively and it is valid from **19/03/2015 to 18/03/2017**.

The training was imparted to the technical staff on Awareness on ISO 17025:2005 standard as well as Mechanical, Thermal and Electro-Technical parameters. The Internal Audit of the laboratory was conducted as per the NABL requirements. For quality checks the laboratory carried out replicate testing as well as participated in Inter Laboratory Comparison (ILC) for calibration of various parameter based instruments.

During this year, the laboratory was audited by 7 clients as a part of vendor audit for availing calibration and testing services at laboratory and onsite. The calibration laboratory received above **605** Service Requests for calibration work from various segments of the industry and calibrated over **3000** instruments at lab as well as at client's site. The technical team of calibration laboratory made **109** visits in **33** units for calibration/ testing assignments.

INCUBATION CENTRE

1) Project

Development of Extra Heavy Duty Industrial Belts/Webbings as per the market requirement was carried out with the objectives:

- To ascertain the requirements of different specified industries using "Heavy Belts/ Webbings"
- To develop Extra Heavy Duty Industrial Belt with equal/ higher strengths with the substitute and/ or cost effective raw materials 300 mm wide and 5 to 10 mm thick for different end-use applications.
- To evolve cost effective construction, design of the heavy duty belt with judicious combinations of specific high strength yarn to meet the requirement.
- Performance evaluation.

Outcome of the project is as under:

- The observation of use of High Strength woven Belts in field shows encouraging performance.
- Earlier Metallic Chains were used as safety Belts but now High Strength Woven Belts are being used mostly. High Temperature Fabrics / Belts are being used in FR Blankets, Ballistic uniforms etc.
- Woven Belts can be finished by Coating on auxiliary machines to enhance mechanical properties.
- This technology is very important to produce specified application products like High Strength Belts, Car Seat Belts and Conveyor Belts etc.
- The next stage of this development will be taken as Incubation activity in the Incubation Centre of ATIRA.

2) Major Prototypes developed at Incubation centre: **42**

3) Consultancy given to Industry: **13**

4) Training programs on Technical Textiles: **17**

Major Work in Progress:

1. Joint Project with ISRO for Inflatable Antenna

Objective: ATIRA has to develop an inflatable fabric with specific coating to sustain the Helium gas impermeable for Space Antenna.

- Erection of 3D Robotic Radial Braiding Machine from Germany in Incubation Centre.

This machine is first of its kind in India for developing Space application / automobile related Composite Materials.

TEXTILE TESTING LABORATORY:

- Textile Testing laboratory of ATIRA is offering testing services in field of physical and chemical analysis of fibre, yarn, fabric, garment, Protective, Industrial textile and Geo textile material. This laboratory also provides services for solid fuel analysis.
- It has tested around 95000 fibre samples for various properties including man-made fibres, around 6000 yarn samples and 20000 fabric samples for various parameters.

The laboratory received samples from multinational Inspections house like SGS, intertek, Beuro Veritas etc for specialized tests. It has provided CE certification service to one client in last year and CE certificate for two products have already been issued in collaboration with notifying body.

CL CENTRE

Project

- A project on Study of price forecasting by using Financial/Quantitative Modeling for a major corporation was carried out. Evaluation of current scenario and projection of future scenario (5 years) in Indian and International cotton market was studied. Factors such as Demand and supply position of cotton, Past and present price trends of Domestic cotton prices, Past and present trends on International cotton prices, Expected cotton scenario with respect to happenings in the domestic and international markets, also new countries entering into cotton scenario and its effect on domestic cotton prices were considered. Based on the above, price forecasting the study is carried out with respect to various factors determining cotton prices. The model analyse the strategic intervention with respect to three cotton price situations, Linear increase, moderate decline and cyclical movement of prices

- GI Registration of Rajkot Surendranagar Patola sarees/ Mashru fabric of Mandvi/Gharchola/ Patan Patola

Consultancy

- Scientific Recruitment test for a composite mill in Ahmedabad
- Specification/inspection for uniform fabric procurement for a State Level Transport Corporation
- Tender documentation / specification development for Linen/Medical Kits for State level Medical Corporation
- Specification of Uniforms for state police department

LIBRARY AND NICTAS

(A) HIGHLIGHTS OF LIBRARY

- ATIRA Library has rich resources of 45,475 books and bound volumes in the Textile and Allied areas.
- Subscribes 5 national and international print as well as electronic journals.
- About 100 books, bound volumes of journals were issued during the year.
- About 25 members are using the library as individual members.

(B) NICTAS AT ATIRA

During the year, NICTAS provided the following services :

- Over 5 off-line searches were carried out from CD-ROM Databases on textile.
- 20 Standards were procured on demand.
- 20 articles procured from national and International sources.
- 3 issues of TEXINCON were published.
- A total 3 on-line searches were carried out for 2 users, under NACID, through its specialized network.

INDEPENDENT AUDITORS' REPORT

Report on the Financial Statements

We have audited the accompanying financial statements of **THE AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD ("Atira")** which comprise the Balance Sheet as at March 31, 2016, and the Income and Expenditure Account for the year then ended and a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position and financial performance of ATIRA in accordance with the accounting principles generally accepted in India, including the applicable Accounting Standards. This responsibility also includes maintenance of adequate accounting records in accordance with the provisions of the Act for safeguarding the assets of ATIRA and for preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to ATIRA's preparation of the financial statements that give a true and fair view in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on whether ATIRA has in place an adequate internal financial controls system over financial reporting and the operating effectiveness of such controls. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statements give a true and fair view in conformity with the accounting principles generally accepted in India of the state of affairs of ATIRA as at 31st March, 2016 and its surplus for the year ended on that date

For, **Sorab S. Engineer & Co.**
Firm Registration No. 110417W
Chartered Accountants

CA. Chokshi Shreyas B.
Partner
Membership No. 100892
Ahmedabad
Date : 25/06/2016

**ANNUAL ACCOUNTS
2015-2016**

**AHMEDABAD TEXTILE INDUSTRY'S
INCOME AND EXPENDITURE ACCOUNT**

2015 Rs.	EXPENDITURE	Rs.	2016 Rs.
	Employees' Emoluments		
40,618,642	Salary and Allowances	38,000,308	
2,616,797	P.F. and Pension Scheme Contributions	3,366,661	
730,372	Medical Benefits	633,638	
6,540,139	Retirement Benefits	—	
139,651	Bonus and Exgratia	337,249	
85,893	Staff Amenities	124,455	
134,041	Contribution to ATIRA Staff Insurance Fund	123,371	
377,658	Employees' Deposit Linked Insurance Scheme	117,781	
31,003	Leave Travel Concession	56,705	
<u>51,274,196</u>			42,760,168
	Travelling & Conveyance Expenses		
6,423,159	Travelling Expenses (Net)	2,941,528	
597,480	Conveyance Expenses	982,486	
428,269	Vehicle Expenses	837,147	
<u>7,448,908</u>			4,761,161
	Repairs & Maintenance		
468,049	Building & Estate Maintenance	741,439	
1,265,437	Repairs & Maintenance - Others	1,143,883	
224,075	Staff Quarter Expenses	61,934	
<u>1,957,561</u>			1,947,256
	Laboratory Expenses		
5,779,410	Laboratory, Workshop and Pilot Mill Expenses	4,736,518	
3,720,171	Incubation Centre Expenses	3,443,042	
36,519	Incubation Nano Expenses	—	
226,038	Accreditation of Lab. Expenses	276,028	
248,832	Calibration Expenses	206,994	
—	Guwahati Laboratory Expenses	3,351,911	
<u>10,010,970</u>			12,014,493
	Library & Journal Expenses		
37,977	Library Journals , Publications and Books Expenses	188,460	
<u>37,977</u>			188,460
	Administrative Expenses		
1,025,551	Electrical charges (Net)	6,382,841	
3,966,623	Service charges	3,243,799	
310,056	Rates and Taxes	1,209,140	
640,408	Legal and Professional Fees	629,874	
1,314,754	Miscellaneous Expenses	1,350,229	
3,484	Advertisement Expenses	52,740	
260,102	Forms and Stationery	341,988	
30,000	Audit Fees (Excluding Service Tax)	70,000	
80,524	Insurance on Building , Machinery etc	117,708	
722,693	Promotion & Publicity	—	
—	Rent	428,265	
146,767	Security Expenses	647,229	
367,445	Conference and Seminar Expenses (Net)	263,009	
2,535,840	Sundry Dr./Cr. Balance written off (Net)	1,982,005	
300,000	Membership Expenses	7,631	
<u>11,704,247</u>			16,726,458
<u>82,433,859</u>	Total C/F		<u>78,397,996</u>

**RESEARCH ASSOCIATION, AHMEDABAD 380 015
FOR THE YEAR ENDING 31ST MARCH 2016**

2015 Rs.	INCOME	Rs.	2016 Rs.
	Grant & Contribution		
11,300,000	Non-plan Grant from Ministry of Textiles	12,075,000	
3,300,000	Contribution from Industries	1,860,000	
<u>14,600,000</u>			13,935,000
	Earned Income :		
34,371,230	Testing Fees	37,064,264	
2,560,713	Calibration Service	2,874,714	
31,786,874	Sponsored work from Industry	11,813,606	
<u>68,718,817</u>			51,752,584
	Salary/Overheads Recovered from Sponsored Projects & Services		
2,945,612	Powerloom Service Centres	2,778,298	
14,051,565	Other Govt./Non -Govt. Agencies/Services	1,487,059	
46,174,769	Overheads on Sponsored Projects	14,206,413	
<u>63,171,946</u>			18,471,770
	Interest on Investments		
9,112,291	Interest income	7,982,954	
546,824	Less: Transferred to Various Funds	556,190	
<u>8,565,467</u>			7,426,764
	Other Income		
3,602,418	Miscellaneous Income	3,900,132	
208,448	Staff Quarters Income	177,946	
119,148	CAD Centre Income	80,560	
—	Excess Provisions no longer required	790,052	
<u>3,930,014</u>			4,948,690
<u>158,986,244</u>	Total C/F		<u>96,534,808</u>

**AHMEDABAD TEXTILE INDUSTRY'S
INCOME AND EXPENDITURE ACCOUNT**

2015 Rs.	EXPENDITURE	Rs.	2016 Rs.
82,433,859	Total B/F		78,397,996
	Communication Expenses		
66,910	Postage and Telegrams (Net)	199,626	
116,408	Telephones & Fax charges (Net)	247,744	
<u>183,318</u>			447,370
	Finance Cost		
195,217	Interest on Bank Overdraft	82,390	
7,133	Bank Charges	15,315	
<u>202,350</u>			97,705
1,170,743	Depreciation		1,000,449
—	Loss on Sale of Fixed Assets		89,686
	Excess Expenditure on sponsored projects met out of ATIRA Funds		
62,353,686	Projects Sponsored by MOT	15,039,121	
—	Internal Projects	46,252	
5,942,298	Projects Sponsored by GOG	—	
1,342,990	Projects Sponsored by Other Govt. Agencies	—	
<u>69,638,974</u>			15,085,373
5,357,000	Transfer to Earmarked Fund Machinery / Equipment Replacement Fund	—	—
—	Surplus Surplus for the year		1,416,229
<u>158,986,244</u>	TOTAL :		<u>96,534,808</u>

For Notes forming part of Accounts refer schedule 'K'

As per our report of even date
For, **Sorab S Engineer & Co.**
Firm Registration No.110417W
Chartered Accountants

Place : Ahmedabad **S. P. Bhavsar**
Date : 25/06/2016 Incharge - Finance & Accounts

R. A. Mashelkar
A. K. Sharma
Members of the
Council Of Administration

CA Shreyas B. Chokshi
Partner
Membership No. 100892

**RESEARCH ASSOCIATION, AHMEDABAD 380 015
FOR THE YEAR ENDING 31ST MARCH 2016**

2015 Rs.	INCOME	Rs.	2016 Rs.
158,986,244		Total B/F	96,534,808

158,986,244

TOTAL :

96,534,808

**AHMEDABAD TEXTILE INDUSTRY'S
BALANCE SHEET AS**

2015 Rs.	LIABILITIES	SCHEDULE NO.	2016 Rs.
612,861,446	CAPITAL FUNDS	A	685,802,746
273,336,027	OTHER EARMARKED FUNDS	B	273,627,374
126,398,093	SPONSORED PROJECTS	C	126,036,784
2,059,508	BANK OVERDRAFT	-	—
51,499,534	CURRENT LIABILITIES & PROVISIONS	J	45,559,514
	INCOME & EXPENDITURE ACCOUNT		
—	Balance as per last financial statement		—
—	Surplus for the year		1,416,229
—			<u>1,416,229</u>

1,066,154,608

TOTAL :

1,132,442,647

For notes forming part of Accounts, refer Schedule 'K'

As per our report of even date
For, **Sorab S Engineer & Co.**
Firm Registration No.110417W
Chartered Accountants

R. A. Mashelkar
A. K. Sharma

Members of the
Council Of Administration

Place : Ahmedabad **S. P. Bhavsar**
Date : 25/06/2016 Incharge - Finance & Accounts

CA Shreyas B. Chokshi
Partner
Membership No. 100892

**RESEARCH ASSOCIATION, AHMEDABAD 380 015
AT 31ST MARCH 2016**

2015 Rs.	ASSETS	SCHEDULE NO.	2016 Rs.
29,408,075	IMMOVABLE PROPERTIES	D	29,408,075
595,437,635	MOVABLE PROPERTIES	E	671,194,860
162,010	CAPITAL WORK IN PROGRESS	-	196,010
96,197,367	INVESTMENTS	F	132,859,687
71,598,493	CASH AND BANK BALANCES	G	28,863,684
13,053,421	SUNDRY DEBTORS	H	11,463,491
31,906,827	LOANS & ADVANCES	I	25,932,334
226,226,885	SPONSORED PROJECTS	C	230,401,976
2,163,895	INTEREST RECEIVABLE	-	2,122,530

1,066,154,608

TOTAL :

1,132,442,647

AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015
SCHEDULE - 'A' : CAPITAL FUNDS

AS AT 31-03-2015 Rs.	ACCOUNT HEAD	ADDITIONS RS.	DEDUCTIONS RS.	PARTICULARS	AS AT 31-3-2016 Rs.
29,063,445	1) Industry's Capital Contribution Account	-	-		29,063,445
	2) Contribution for Capital Expenditure				
5,845,595	from the Government	-	-		5,845,595
16,700,977	3) Fund for ATIRA-AMA Centre Building	-	-		16,700,977
345,000	4) Capital grant and contribution for Lab. Building	-	-		345,000
560,906,429	5) Fund for capital exp. out of grant and contributions from Govt. and various other sources	72,962,799	21,499	Fund created during the year and deduction during the year	633,847,729
612,861,446	TOTAL :	72,962,799	21,499		685,802,746

☪ AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015

SCHEDULE - 'B' : OTHER EARMARKED FUNDS

AS AT 31-03-2015 Rs.	ACCOUNT HEAD	ADDITIONS RS.	DEDUCTIONS RS.	PARTICULARS	AS AT 31-3-2016 Rs.
36,844,277	1) Depreciation Fund	1,000,449	799,218	Provided during the year, & Sale of Vehicle	37,045,508
1,892,816	2) ATIRA Staff Insurance Fund	123,371	33,433	Contribution for the year & Reimbursement to Staff	1,982,754
528,961	3) Staff Welfare Fund	54,056	53,878	Interest allocated during the year & Recurring Expenditure	529,139
1,000,000	4) Fund for Chimanlal Lalbhai Centre for Management Studies	-	-		1,000,000
202,385,510	5) Machinery / Equipment Replacement Fund	-	-		202,385,510
30,684,463	6) Building Renovation Fund	-	-		30,684,463
273,336,027		1,177,876	886,529		273,627,374
	TOTAL :				

AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015
SCHEDULE 'C' : SPONSORED PROJECTS

Sr. No.	Account Head	Credit/ (Debit) Balance as at 01-04-2015	Grant received/ (Refund) during the year	Interest/ other income received during the year	Expenditure incurred during the year	Transfer to Income & Exp. Account	Credit / (Debit) Balance as at 31-03-2016
A) Projects sponsored by Ministry of Textiles							
	(MT-54) To Evolve Construction Related Design as well as Environmental Design Parameters for both Woven & Non-woven Geo-Synthetics	(5,261,000)			196,108		(5,457,108)
	(MT-56) Bio preparation Technology : Enhanced sustainability in cotton & cotton Containing Textile Processing	(479,123)			19,457		(498,580)
	(MT-58) Development of High Strength Core and Sheath ropes using Weaving Technology	(1,696,686)	1,628,200				(68,486)
	(MT-59) Development of protective textiles for protection against electromagnetic radiations (Capital)	3,894,467	5,880,000		10,998,550		(1,224,083)
	(MT-59) Development of protective textiles for protection against electromagnetic radiations (Recurring)	-			6,669,500	6,669,500	-
	(MT-60) Development of PTFE nano fibre-based media for filtration under corrosive/high temperature condition	(1,182,766)	2,412,000		3,272,060		(2,042,826)
	(MT-61) Development of Extra Heavy Duty Industrial Belts/Webbings as per the market requirement	(1,075,668)	870,000		1,449,180		(1,654,848)
	(MT-62) Textile Reinforced Precast Panel (Capital)	-	14,440,000		-	412,377	14,027,623
	(MT-62) Textile Reinforced Precast Panel (Recurring)	(117,572)	1,184,000		8,713,322	7,646,894	-
	(ISDS)-Integrated Skill Development Scheme	(207,620,731)			-		(207,620,731)
	Centre of Excellence in Composites	73,954,112		982,680	997,816	50,765,898	23,173,078
	SMC manufacturing using jute as the major reinforcing fibre & compression moulding	(1,378,441)					(1,378,441)
	Creating a short film on composite segment for promoting usage and application of technical textiles	1,200,000					1,200,000
	Scheme for promoting usage of Geotechnical Textiles in North Eastern Region	37,830,753		7,749,199			30,081,554
	Scheme for promoting usage of Geotechnical Textiles in North Eastern Region (Capital)	-	26,300,000		10,027,533		16,272,467
	Setting up the Focus Incubation Centre	-	34,200,000		680		34,199,320
B) Modernisation of PLSC's							
	Modernisation & Strengthening scheme of Powerloom Service Centre at A bad- Capital	226,541					226,541
	Integrated Scheme for Powerloom Sector Development for Modernisation/ upgradation of PSCs	760,000			758,441		1,559
Total C/F		(100,946,114)	86,914,200	982,680	29,067,322	72,962,799	(100,762,961)

(Contd...)

AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015
SCHEDULE - 'C' : SPONSORED PROJECTS (Contd.)

Sr. No.	Account Head	Credit/ (Debit) Balance as at 01-04-2015	Grant received/ (Refund) during the year	Interest/ other income received during the year	Expenditure incurred during the year	Transfer to Income & Exp. Account	Credit / (Debit) Balance as at 31-03-2016
		Recurring Capital					
		Total B/F	Rs.	Rs.	Rs.	Rs.	Rs.
		(100,946,114)	86,914,200	982,680	29,067,322	72,962,799	14,316,394
C) Powerloom Service Centres at :							
	Ahmedabad — Recurring	—	1,700,000	31,490	2,352,414	620,924	—
	Dholka — Recurring	—	1,200,000	58,179	1,282,093	23,914	—
	Indore — Recurring	—	1,500,000	67,279	1,645,168	77,889	—
D) CAD Centres :							
	Computer Aided Design Centre at ARC-Indore	25,138	—	—	—	(25,138)	—
E) Projects sponsored by Ministry of Science and Technology							
	Monographs on Industrial Carbohydrates of India	76,191	—	—	—	—	76,191
	Nissat Access Centre to International DataBase Services at ATIRA (NACID)	238,621	—	28,035	37,662	—	228,994
	National Information centre for Textiles & Allied Subjects (NICTAS)	5,935,048	—	67,138	—	—	—
				# 519,317	898,980	—	5,622,523
F) Projects sponsored by Defence R & D Establishment							
	(DRDE);Design & Development of PTFE Nano fiber Based media for filtration under corrosive/high temperature condition	—	500,000	—	—	—	500,000
	(DRDE 2015-01);Exp work on development of simple & Portable water filtration cum treatment device to be used by army personnel to get drinkable water from dirty/muddy water.	—	500,000	—	777,546	—	(277,546)
	(DRDE 10);Development of Light Weight Breathable NBC Protective Suit	(42,478)	—	—	—	—	(42,478)
G) Projects sponsored by Government of Gujarat							
	(GG-24) A 3 month skill Development Course for Fresh Power-loom Weavers & Jobbers for Non-auto, Auto and Shuttle-less Looms (GG-24A) Stipend to Trainees	(7,218,000)	—	# 270,000	2,975,552	—	(9,923,552)
		1,815,083	—	—	1,657,500	—	(112,417)
		—	—	# 270,000	—	—	(38,417)
	(GG-01-B): Expansion of Calibration Laboratory (Module II)	244,485	—	—	38,417	—	244,485
H) Internal Projects							
	(IND-05) Ring Frame Development	(24,614)	—	—	—	24,614	—
	(IND-06) Improving Performance Characteristics of Forming Fabrics for Paper making machines by use of Multilayer Weaver within the Gaps available among the Current Patents	149,300	—	—	—	—	149,300
		Total C/F	Rs.	Rs.	Rs.	Rs.	Rs.
		(99,747,340)	92,314,200	2,024,118	41,002,654	72,962,799	15,038,597
							(104,335,878)

Interest Allocated during the Year
Inter Project Transfer

(Contd...)

AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015
SCHEDULE -'C' : SPONSORED PROJECTS (Contd.)

Sr. No.	Account Head	Credit/ (Debit) Balance as at 01-04-2015		Grant received/ (Refund) during the year		Interest/ other income received during the year		Expenditure incurred during the year		Transfer to Income & Exp. Account		Credit / (Debit) Balance as at 31-03-2016
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
	Total B/F	(99,747,340)	20,522	92,314,200	2,024,118	41,002,654	72,962,799	15,038,597	(104,335,878)	20,522		
	(IND-08) Geographical Indication (GI) Registration of Hand-woven Textile Items and Textile Crafts in Gujarat State											
	(IND-09) Geographical Indication (GI) Registration of Hand Woven Items of Gujarat - Patola Saree of Patan											
	(IND-10) Geographical Indication (GI) Registration of Hand Woven Items of Gujarat - Mashroo Cloth of Patan & Mandvi (Kutch)											
	(IND-11) Geographical Indication Registration of Gharchohla/Panetar Saree of Khambhat (Cambay)											
	(IND-12) Building awareness on Intellectual Property Rights for Micro , Small & Medium Enterprises (MSME)											
	Total	(99,828,792)	92,401,700	2,024,118	41,059,654	72,962,799	15,060,235	(104,365,192)				
	Breakup of balance as on	31.03.2016	31.03.2015									
	Debit balances	(230,401,976)	(226,226,885)									
	Credit balances	126,036,784	126,398,093									
		<u>(104,365,192)</u>	<u>(99,828,792)</u>									

3 AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015
SCHEDULE - 'D' : IMMOVABLE PROPERTIES

AS AT 31-03-2015 Rs.	ACCOUNT HEAD	ADDITIONS RS.	DEDUCTIONS RS.	AS AT 31-3-2016 Rs.
679,056	1) Land			679,056
9,501,910	2) Labroatory Building & Roads			9,501,910
2,526,132	3) Staff Quarters			2,526,132
16,700,977	4) ATIRA-AMA Building			16,700,977
<u>29,408,075</u>	Total	<u>-</u>	<u>-</u>	<u>29,408,075</u>

AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015
SCHEDULE - 'E' : MOVABLE PROPERTIES

AS AT 31-03-2015 Rs.	ACCOUNT HEAD	ADDITIONS RS.	DEDUCTIONS RS.	AS AT 31-3-2016 Rs.
	Out of own funds			
4,220,743	1) Machinery	16,800		4,237,543
10,701,213	2) Laboratory Apparatus			10,701,213
83,992	3) IBM Punching Machines			83,992
519,369	4) Workshop Equipment			519,369
4,059,823	5) Furniture and Dead Stock	149,000		4,208,823
3,071,725	6) Library Books	44,869		3,116,594
299,284	7) Typewriters and Calculating Machines			299,284
1,194,384	8) Vehicles		1,166,456	27,928
2,097,000	9) Computers and peripherals	99,955		2,196,955
710,160	10) Closed Circuit TV			710,160
62,668	11) Mobile instrument			62,668
70,400	12) EPABX System			70,400
2,310,041	13) Laboratory Apparatus & Equipments			2,310,041
1,419,368	14) Equipment for IONO-OXY Plant			1,419,368
-	15) Vehicles - Toyota Camry	3,671,757		3,671,757
30,820,170	Total - A	3,982,381	1,166,456	33,636,095
	Out of grant and contribution from Govt. & Other sources			
2,441,703	15) Capital exp. for projects sponsored by MOT			2,441,703
7,688,330	16) Eco-lab Equipt. purchased out of grant from MOT			7,688,330
7,547,213	17) Equipt. for upgradation of Eco-Lab at ARC, Indore			7,547,213
579,813	18) Motor car out of IDTCP			579,813
773,732	19) Capital exp. for modernisation of PLS-C-A'bad			773,732
4,730,220	20) Capital exp. for CATD Centre at A'bad (Includes Rs.5,220/- ATIRA's contribution)			4,730,220
2,474,862	21) Capital exp. for CATD centre at Indore			2,474,862
26,235,873	Total C/F	-	-	26,235,873

AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015
SCHEDULE - 'E' : MOVABLE PROPERTIES (Contd.)

AS AT 31-03-2015 Rs.	ACCOUNT HEAD	ADDITIONS RS.	DEDUCTIONS RS.	AS AT 31-3-2016 Rs.
26,235,873	Total B/F	-	-	26,235,873
1,825,762	22) Capital exp. for upgrd. of Lab. (Textile committee) (Includes Rs.145,593/- ATIRA's contribution)			1,825,762
8,085,160	23) Capital exp. for Calibration Lab. at A'bad (GG-01)			8,085,160
2,788,522	24) Capital exp. for Gng. Service Centre at A'bad (GG-02)			2,788,522
4,359,671	25) Capital exp. for Information Tech. Centre (GG-06)			4,359,671
1,591,049	26) Capital exp. for Minor Equpt. for PLSC - A'bad			1,591,049
593,530	27) Capital exp. For Devlpg. Rapier loom (GG-05)			593,530
1,321,384	28) Capital exp. For Minor Equpt. For Eco-Lab.-A'Bad			1,321,384
2,330,817	29) Capital Exp. For Modrnisation of PLSC-Indore (Includes Rs.850/- ATIRA's contribution)			2,330,817
250,000	30) Capital Exp. for Infrastructure for PLSC-Indore			250,000
121,834	31) Capital exp. For proj. Design & Devlpg. Of electronic aid for quick identification of mechanical defeciencies in ring frame to help increase yarn productivity (DIT-01)			121,834
2,750	32) Capital exp. for proj. DRDE-06 Devlpt of bio-degradable packing film (DRDE-06)			2,750
1,093,394	33) Capital exp. for proj. Indigenous development of IT basd fabric pattern making, marking & cutting system (DIT-02)			1,093,394
774,357	34) Capital exp. For ginning cluster Devlpg. programme (GG-02A)			774,357
146,516	35) Capital exp. for Training progrm. for upgrd./ refreshing the technical & other skills of weavers jobbers & owners of power-loom units at Ahmedabad (GG-10)			146,516
8,233	36) Capital exp. for Swiss project-CT assessment			8,233
4,007,083	37) Capital exp. for expansion of calibration laboratory at ATIRA (GG-01A)			4,007,083
7,116,643	38) Capital exp. for SSI-HVI-1000			7,116,643
33,452,292	39) Capital exp. for Centre of Excellence for Technical Textiles (GG-23)			33,452,292
321,447	40) Capital exp. for PLSC-Dholka Modernisation			321,447
19,758,373	41) Capital exp. for Centre of Excellence in Geo- Textile (MT-48)			19,758,373
116,184,690	Total C/F	-	-	116,184,690

(Contd...)

AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015
SCHEDULE - 'E' : MOVABLE PROPERTIES (Contd.)

AS AT 31-03-2015 Rs.	ACCOUNT HEAD	ADDITIONS RS.	DEDUCTIONS RS.	AS AT 31-3-2016 Rs.
116,184,690	TotalB/F	-	-	116,184,690
18,400	Capital exp. for PLSC-Ahmedabad			18,400
361,803	Capital exp. for project Skill Devlpt. Course for Fresh Powerloom Weavers & Jobbers for Non-auto, Auto & Shuttle-less Looms (GG-24)			361,803
32,013,250	Capital Exp. For Setting up of ATIRA Geo-Synthetic Testing Laboratory (GG-27)			32,013,250
31,550	Capital Exp. For Design Modifications to Modern Ring Frame to Reduce Yarn Hairiness (GG-33)			31,550
186,319	Capital Exp. For development of 3D Hollow Woven Preforms for Mobilitech Applications (GG-37)			186,319
10,791,676	Capital exp. for project enhancement of Cotton Seed Oil Recovery adopting German PEFT Technology (MT-51)			10,791,676
21,499	Capital exp. for Project GIRHW Patola Saree of Patan (IND-09)		21,499	-
1,758,275	Capital exp. for Project Indigenous Development of Automatic Multilayer Garment Cutting Machine (MT-52)			1,758,275
5,891,440	Capital exp. for Project Spinning Fire Retardant Fibre Blends on Cotton System (MT-53)			5,891,440
3,244,598	Capital exp. For evolve construction related design as well As environmental design parameters for both woven & non-woven geo synthetics (MT-54)			3,244,598
8,897,198	Capital exp for Development of Nano-fibre based Textiles (MT-55)			8,897,198
13,876,661	Capital exp for Textile Dyeing an efforts towards Sustainable & Cleaner , Eco friendly technology (MT-57)			13,876,661
83,786,216	Capital exp. for Integrated Skill Development Scheme (ISDS)			83,786,216
155,035,118	Capital exp. for Centre of Excellence in Composites	50,765,898		205,801,016
609,471	Capital exp. for upgradation of CAD Centre at Indore			609,471
265,107	Capital exp. for Novel Wound Dressing Material with Synergistic Effects by Harnessing Properties of Antibiotics and Native Herbs for Tissue Regeneration and Protection (DRL-02)			265,107
231,437	Capital exp. for Development of Permethrin / Herbal Oil- based Mosquito Repellent Formulation for application on Army Clothing (DRL-01)			231,437
433,204,708	Total C/F	50,765,898	21,499	483,949,107

AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015
SCHEDULE - 'E' : MOVABLE PROPERTIES (Contd.)

AS AT 31-03-2015 Rs.	ACCOUNT HEAD	ADDITIONS RS.	DEDUCTIONS RS.	AS AT 31-3-2016 Rs.
433,204,708	TotalB/F	50,765,898	21,499	483,949,107
103,603,184	59) Capital exp for establishing Incubation Centre (GG-38) (Includes Rs. 36,23,184/- Atira's Contribution			103,603,184
22,300,000	60) Capital exp. for Creation of Pilot Plant facility for Nano-Textiles especially in area of filtration (GG-39)			22,300,000
2,305,515	61) Capital exp. for Expansion of Calibration Laboratory (Module II) (GG-01-B)			2,305,515
54,609	62) Capital exp. for Bio preparation Technology : Enhanced sustainability in cotton & cotton containing textile processing (MT 56)			54,609
3,450	63) Capital Exp. For PSC- Dholka			3,450
144,485	64) Capital Exp. For PSC- Indore			144,485
2,975,981	65) Capital Exp. For Development of PTFE nano fibre-based media for filtration under corrosive/high temperature condition			2,975,981
25,533	66) Capital Exp. For Development of protective textiles for protection against electromagnetic radiations (MT-59)	10,998,550		11,024,083
-	67) Capital Exp for Sch for promoting usage of Geotechnical Textiles in NER	10,027,533		10,027,533
-	68) Capital Exp. For Integrated Scheme for Powerloom Sector Development for Modernisation/upgradation of PSCs	758,441		758,441
-	69) Capital Exp. For Textile Reinforce Precast Panel	412,377		412,377
564,617,465	Total - B	72,962,799	21,499	637,558,765
595,437,635	Grand total (A+B)	76,945,180	1,187,955	671,194,860

AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015
SCHEDULE - 'F' : INVESTMENTS

AS AT 31-03-2015 Rs.	ACCOUNT HEAD	AS AT 31-03-2016 Rs.
	i) General Fund Investment	
10,146,773	a) QIC/DBD with Bank of India	24,912,916
59,601,721	b) FDR with HDFC Bank Ltd.	19,708,965
25,448,873	c) FDR with ICICI Bank	25,937,806
<u>95,197,367</u>		<u>70,559,687</u>
	ii) C. L. Centre Fund Investment	
525,000	a) FDR with Housing Development Finance Corporation Ltd.	525,000
150,000	b) FDR with HDFC Bank Ltd.	-
325,000	c) QIC with Bank of India	475,000
<u>1,000,000</u>		<u>1,000,000</u>
	iii) Centre of Excellence in Composites Fund Investment :	
-	a) FDR with HDFC Bank	9,800,000
<u>-</u>		<u>9,800,000</u>
	iv) Focus Incubation Investment :	
-	a) FDR with HDFC Bank	31,500,000
<u>-</u>		<u>31,500,000</u>
	v) North East Region Investment :	
-	a) FDR with HDFC Bank	20,000,000
<u>-</u>		<u>20,000,000</u>
<u>96,197,367</u>	Total	<u>132,859,687</u>

AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015
SCHEDULE - 'G' : CASH AND BANK BALANCES

AS AT 31-03-2015 Rs.	PARTICULARS	AS AT 31-03-2016 Rs.
122,536	CASH ON HAND	90,556
	BANK BALANCES	
42,835,783	In Current Accounts	7,126,836
28,640,174	In Savings Accounts	21,646,292
71,598,493	: Total :	28,863,684

SCHEDULE -'H' : SUNDRY DEBTORS

AS AT 31-03-2015 Rs.	PARTICULARS	AS AT 31-03-2016 Rs.
13,053,421	Considered Good	11,463,491
13,053,421	: Total :	11,463,491

AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015
SCHEDULE - 'I' : LOANS & ADVANCES

	AS AT	AS AT
	31-03-2015	31-03-2016
	Rs.	Rs.
<u>LOANS TO STAFF :</u>		
For Vehicle	195,007	72,697
For Food grains	33,025	44,350
For Festivals	7,500	7,500
	<u>235,532</u>	<u>124,547</u>
<u>ADVANCES :</u>		
For Recurring expenses	1,436,808	2,202,807
Security Deposits recoverable	551,148	1,239,548
Tax deducted at source	10,550,215	13,811,078
For Projects, Training Programme & Workshop etc.	18,710,851	7,543,500
Other Advances	422,273	1,010,854
	<u>31,671,295</u>	<u>25,807,787</u>
	<u>31,906,827</u>	<u>25,932,334</u>
		: Total :

8 AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD 380 015
SCHEDULE - 'J' : CURRENT LIABILITIES & PROVISIONS

AS AT 31-03-2015 Rs.	AS AT 31-03-2016 Rs.
19,051,043	17,033,537
8,993,280	6,049,622
1,736,034	2,164,664
11,620,141	13,455,896
3,357,377	2,168,100
6,039,059	2,837,033
274,000	-
428,600	1,850,662
51,499,534	45,559,514
	Total :

**AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD-380 015
SCHEDULE 'K' – NOTES FORMING PART OF ACCOUNTS FOR THE YEAR 2015-2016**

I. SIGNIFICANT ACCOUNTING POLICIES

- 1) ACCOUNTING CONVENTION**
The financial statements are prepared on the basis of historical cost convention and on the accrual basis of accounting.
- 2) INVENTORY VALUATION**
Stocks of stores, stationery, maintenance etc. are valued at cost.
- 3) INVESTMENTS**
Investments are carried at cost, less provision for permanent diminution in the value of investments, if any.
- 4) FIXED ASSETS**
Fixed assets are stated at cost of acquisition inclusive of freight, duties and taxes and incidental and direct expenses related to acquisition.
- 5) DEPRECIATION**
Depreciation on fixed assets acquired out of own fund is provided as per Straight Line Method at the following rates:

Quarters & Roads	1.63%
Furniture & Dead Stock, Library Books	6.33%
Mobile Phones , C.C.T.V., EPABX	20.00%
Building	3.34%
Motor Car	9.50%
Machinery, Lab. & Workshop equipment, typewriters, etc..	4.75%
Computers	16.21%
- 6) GOVERNMENT GRANTS**
No Depreciation has been provided on fixed assets acquired out of Project funds.
Government grants are accounted on the basis of sanction from Government.
- 7) FOREIGN CURRENCY TRANSACTIONS**
Transactions denominated in foreign currency are accounted at the exchange rate prevailing on the date of the transaction.
- 8) REVENUE RECOGNITION**
Interest income, testing fees and contribution from members are accounted on Accrual basis.
- 9) RETIREMENT BENEFITS**
Gratuity and leave salary are provided on the basis of actuarial valuation.

**AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, AHMEDABAD-380 015
SCHEDULE 'K' – NOTES FORMING PART OF ACCOUNTS FOR THE YEAR 2014-2015 (Contd.)**

II. CURRENT ASSETS, LOANS AND ADVANCES

In the opinion of the Management, the current assets, loans and advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.

III. TAXATION

In view of there being no taxable income under Income Tax Act 1961, no provision for income tax has been considered necessary.

- IV.** The Association enjoys overdraft facility with Bank of India against which FDRs for Rs.60,00,000/- (previous year Rs.60,00,000/) have been pledged.
- V.** Members' contribution outstanding at the year end amounting to Rs72,12,782/- (previous year Rs.64,95,782/-) has not been accounted for in view of uncertainty of Recovery.
- VI.** Tax deduction at source on interest & service income is Rs. 32,60,862/- (previous year Rs. 27,07,613/-).
- VII.** Disputed demand in respect of Income Tax is Rs. 6,28,31,710/- (previous year Rs. 3,35,80,460/-)
- VIII.** Capital Commitment at the year end is of Rs. 99,56,823/- (previous year Rs. NIL /-)
- IX.** Corresponding figures for the previous year have been re-grouped/re-arranged, wherever necessary to make them comparable with those of current year.

Signatures to Schedules "A to K"

As per our report of even date

For, Sorab S Engineer & Co.
Firm Registration No.110417W
Chartered Accountants

CA Shreyas B. Chokshi
Partner
Membership No.100892

R. A. Mashelkar

S. P. Bhavsar
Incharge
Finance & Accounts
Place : Ahmedabad
Date : 25/06/2016

A. K. Sharma
Members of the Council
of Administration

ANNEXURES

ANNEXURE I

PUBLICATION

1. Textile innovation & Developments, 2 Issues
2. **TEXINCON**
(TEXtile Information CONDensed) – 3 Issues

ANNEXURE II

TALKS AND PAPERS

(A) TALKS AND LECTURES BY ATIRA STAFF

<i>Name of the Staff Members</i>	<i>Title of the Paper, Sponsor, etc.</i>
RM. Sankar, Seema Patel, Pradeep Kulshrestha	Ethiopia visit program for the Twinning Arrangement, Discussion with Ethiopian Textile Industry Development Institute, Textile faculties at ATIRA on 1 st to 8 th April 2015.
Pradeep Kulshrestha	Scope of Technical Textiles Organised by Entrepreneurs Development Institute, Gandhinagar on 16 th April, 2015.

Kiran Dev	PU pultrusion and Testing facility at ATIRA organised by Owens Corning, Ahmedabad on 6 th May 2015.
Pradeep Kulshrestha and Dharmendra Goswami	Lecture on Cost effective productivity on Air Jet looms organised by Bajaj Industries Ltd., Ahmedabad on 11 th June 2015.
Pradeep Kulshrestha and J J Bhatt	Application and Scope of Technical Textiles Organised by RCTI – Technical Institute, Ahmedabad on 10 th September 2015
Pradeep Kulshrestha, Dharmendra Goswami and C K Nakum	Application and Scope of Technical Textiles organised by International Institute of Management and Technical Studies, on 20 th October 2015
Hasmukh P Patel	Lecture on Group Insurance Scheme for Power Loom Workers Organised by Regional Office of the Textile Commissioner, Ahmedabad and Power Loom Service Centre, Dholka at Dholka on 29 th October 2015
Pradeep Kulshrestha and Hemant Mehta	Value addition on non-woven fabric organised by Aarvee Marketing Pvt. Ltd., Ahmedabad on 10 th December 2015.
Kiran Dev	Composites testing & Opportunities organised by National Conference on Recent Advancement in Composites, Hyderabad on 12 th – 13 th February 2016.
Ashok Bhuyan	Inflamable structure development for space application organised by IIT Kanpur on 11 th -12 th March 2016
Pradeep Kulshrestha	An attempt to develop belts using carbon fibers – An experimental research, International Journal of Science Technology & Engineering, May 2015
Pradeep Kulshrestha and Dharmendra Goswami	Weaving defects and trouble shooting for fabric woven on air jet looms, fiber2fashion
Pradeep Kulshrestha, K K Misra, Dharmendra Goswami, C K Nakum and J J Bhatt	Export potential for Indian denim industry, International Journal of Innovative Technology and Exploring Engineering, November 2015
Pradeep Kulshrestha, Dharmendra Goswami, C K Nakum, Hemant Mehta and Nishika	Weaving technology for narrow width fabrics and High strength belts, fiber2fashion

(B) PAPERS PRESENTED AT MAJOR CONFERENCES, SEMINARS, SYMPOSIA, ETC. BY ATIRA STAFF

56th Joint Technological Conference, Organised by ATIRA, BTRA, NITRA and SITRA. Held at SITRA, Coimbatore on 30th December 2015.

<i>Name of the Staff Members</i>	<i>Title of the Paper, Sponsor, etc.</i>
Md. S. Rahman, D M Chaudhary and Naman Barot	PTFE nano-fiber based filter media
Pradeep Kulshrestha, Dharmendra Goswami, C K Nakum and J J Bhatt	Weaving technology for Narrow width fabrics and high strength belts
Pawan K Sharma, Seema Patel and C S Vora	Protective textiles for protection against electromegnetic radiation
K.C. Gupta, Bipasha Maiti, D.S. Trivedi and D. M. Chaudhary	Environment Friendly Processes: Bio-preparation Technology and Mercerization Process Control
Tanmoy Ganguly, Ashok Bhuyan C S Vora and Md. S. Rahman	Textile Reinforced Concrete
Pradeep Kulshrestha	Activities in ATIRA Incubation Centre IIM, Ahmedabad on 21 st May 2015
Seema Patel	“Importance of Testing of Geotechnical textiles selection for designing” Presented in Interactive workshop on Application of Geotechnical Textiles in Various constructions in the North East Region of India, at ATIRA, Ahmedabad on 13 th -14 th August 2015

(II) CONFERENCE/SEMINAR ORGANISED BY OTHERS

K K Misra	Activities in Technical Textiles & Composites VASTRA – 2015, at Jaipur on 30 th September 2015
Pradeep Kulshrestha	“ Conversion of looms for Technical Textiles With focus on Rajasthan Textile Industries” VASTRA – 2015, at Jaipur on 30 th September 2015

(C) SEMINAR, CONFERENCE, TALKS, ETC. ATTENDED BY ATIRA

Pravin Patel and Kiran Dev	PU Pultrusion application in Indian Market organised by Owens Corning, Ahmedabad on 6 th May 2015
Dr. A. K. Sharma	Attended Cyclitech International Conference co-organized by JEC Group and SPE held at Brussels, Belgium from 8 - 9 December 2015
Ashok K Bhuyan and Kiran Dev	Zero defects in space application seminar organised by ISRO-SAC, Ahmedabad on 21 st December 2015
Dr. A. K. Sharma	Attended Seminar – CompICME held at Dubai, 9 – 10 February 2016

Dr. T. Gangopadhyay	Attended Seminar – CompICME held at Dubai, 9 – 10 February 2016
Dr. A. K. Sharma	Attended Seminar – SAMPE – Summit 2016 held at Paris, 7 th March 2016
Dr. A. K. Sharma	Attended Seminar – JEC World Composites Show & Conference held at Paris Nord Villepinte Exhibition Center, 8 - 10 March 2016
T. Gangopadhyay	Attended seminar – JEC World Composites Show & Conference held at Paris, 8 – 10 March 2016.

ANNEXURE III

PATENTS

1) Modular Toilet	02518/MUM/2015
2) Thermoset Jute Composites Composition and process thereof	02520/MUM/2015

ANNEXURE IV

STATISTICAL RECORD OF TRAINING

REGULAR TRAINING PROGRAMME

Sr. No.	Title	Courses	Number of Participants
1	Composite Training	2	12
2	Non Destructive Testing Method	2	3
3	Entrepreneur Training on Denim Manufacturing	1	1
4	Fresh Weavers Training Program	6	91
5	Fresh Weavers Training Program (Dholka)	6	143

IN-HOUSE TRAINING PROGRAMMES

Sr. No.	Title	Courses	Number of Participants
COMPOSITE			
1	Composite Testing Mechanical Properties	2	2
2.	Training on Composites and its Application	1	18
INCUBATION CENTRE			
1	Technical Textiles	2	33
POWER LOOM SERVICE CENTRE			
1	Basics of Textiles	1	4

ANNEXURE V

TESTING

Type of Testing	No. of Samples Tested for -	
Textile Testing Lab		
Fibre	94649	
Yarn	6292	
Fabric	19611	
Geo-textile	4722	
Chemistry Lab		
Solid fuel	1045	
Chemical Analytical	175	
Testing of chemicals in Textiles	1397	
Composites		8233
Heat & Flame Test Lab		4441
Powerloom Service Centre		
Yarn and fabrics	52	
Water/waste water solids/solid waste Air Emission, Noise		390
Calibration		
No. of Instruments Calibrated	3000	
Chemical Technology		
Fabric Defect Analysis	230	
Kawabata Evaluation	26	
Fabric, Chemical & miscellaneous	630	
Certification of Customs samples	349	
Soiled strips & dummy garments preparation	235	
ATIRA Regional Centre, Indore		
Fibre	27	
Yarn	428	
Fabric	356	
Defect analysis	17	

ANNEXURE VI

LIST OF MAJOR CONSULTATION REPORTS

CHEMICAL TECHNOLOGY DIVISION

Observations of various processes and suggestions for improvement, Jodhpur

Observations of various processes and suggestions for improvement, Jetpur

Observations of various processes and suggestions for improvement to a processing unit

Survey of Machinery and Process Control.

Study of water consumption, process control in processing, labour complement and effluent treatment

Study of Denim division working and suggest measures to reduce manufacturing cost

Problems in Slasher Dyeing

ENVIRONMENTAL ENGINEERING DIVISION

Environment Audit Reports (24 Nos.)

EMS Certification & Assessment Study Report (14 Nos.)

Ambient Air Quality, Flue Gas Stack & Noise Monitoring (4 Nos.)

Treatability Study

INCUBATION CENTRE

Denim Fabric defect analysis and on loom precautionary measures

Air Jet Weaving

PP Round Yarn Warping

Weave PP Monofilament Agronet Fabric

Develop Quick Dam Flood Barrier PP Sand Bags

Develop Polypropylene Soil Bag Fabric development to use stacked Soil bags to repair work of small earth Dams.

950 den pp warp beam with 5290 ends developed (with antistatic yarn)

Glass Fabric Lamination with Aluminum Foil

Monofilament HDPE Yarn 400 Denier Natural with 1% UV Food Grade (Warping)

Back coating on PP non-woven

Warping & Weaving of 2/40 Cotton yarn for Blanket application

Coated on backside of tufted material with APAO adhesive, which provides Anti Skid properties, and binding of Tuft

Development of Aramid Gaskets

M P SPINNING

Defect and lysis of long thick places in fabric

CL Centre

Study on price forecasting of cotton by using financial/quantitative modeling

M P WEAVING/CATD CENTRE/POWERLOOM SERVICE CENTRE

Fabric Construction & Calculation

POWERLOOM SERVICE CENTRE – DHOKLA

Truoble shooting in PowerloomUnits

ANNEXURE VII

NEW MACHINERY / EQUIPMENTS

SR. NO.	NAME OF MACHINE
1.	Robotic Radial Braiding M/C. Rf 1/176-120
2.	Modulated Differential Scanning Calorimeter; Model: Q20
3.	CNC Engraving Machine GX 1325
4.	Brookfield USA Make Digital Viscometer . Model: LVDV – 1M
5.	Lab Unit of Cellular Light Concert
6.	GTMS; Automatic Data Processing Machine
7.	IITRI Compression Fixture Instron Model: 5982-S-1307
8.	Motorised Screen 6 x 8
9.	- Di-Electric Strength Tester 100kv / 50ma With Oil Cooled - Dry Arc Resistance Tester; Sr.No. 1601005 - Glowwire Test Apparatus; Gwt A2, Sr.No. 1601055 With Test Chamber - Comparative Tracking Index Tester 1200v, Platinum Electrode
10.	Waco Make: 3 Aix RF Field Meter; Model: 1 Waco 195
11.	50 x 50 x 3.17 mm. Die - Top Cavity 50 x 50 x 3.17 mm. Die - Bottom Cavity 50 x 50 x 3.17 mm. Die - Mendril
12.	100 ST Universal Testing Machine
13.	Weather-O-Meter With UV System
14.	Water Permeability Tester
15.	Sartorius Semi-Micro Balance; Model No. CPA225D
16.	BA W Abrasion Tester with Accessories and Basic Spare Kit
17.	Ohaus Weighing Balance; Model: SPJ6001
18.	Dual Column Floor Mounted Electromechanical testing m/c.
19.	Servo Voltage Stabilizer
20.	ON LINE UPS
21.	Ohaus Weighing Balance; Model: PAG413

22. Hitachi LCD Projector; Model: Cpcx3041
23. Distribution Transformer of 3 Star 63 KVA, 11/0.433 KV, 3 Phase, 50C/s S.No.03-16/293/1
24. Stainless Steel Plate Mould
25. Cutting System - Sliding Table Panel Saw Machine
26. HYDRAULIC PRESS - 3000 M.Ton, 8 ft x 4 ft 6 Daylight Press
27. Pre Treatment System for Reinforcement - Impregnation Plant
28. Moulds (Punch & Cavity corrugated mach mould) Mould dimension: 1350 mm x 2600 mm
29. Cross Flow type Maintenance Free FRP Cooling Tower; Model : DFMD-300
30. Hydraulic Lab Press 300 Tons 615 x 615 Single Daylight Lab Press 13 HP Approx.
31. Mould Loading and Un-loading System
32. Preforming System (2350mm(H) X 1600MM(W) X2700MM(D) Industrial Oven
33. Mould Heating System- Part 1 , Shellmax Steam Boiler and 2 M3/Hr R.O.Plant
34. Mould Heating System- Part 2, Supply, Site fabricate and erection for the m/c. 3TPH Boiler and R.O. Plant
35. Single Phase Servo Controlled Voltage Regulator
36. 10 KVA 3 Phase Servo Volt. Stabilizer
37. 108 x 53 x 3 Die C – Section- Nylon Box

ANNEXURE VIII

INDUSTRY VISITS

Senior Officers of ATIRA paid around 305 visits to around 133 both in Ahmedabad and Outstation for major consultation as well as Project / Liaison work as listed below:

	No. of Visit		No. of Visit
A.Raja Cotex	3	CTM Textiles, Kadi	3
Aarti Creation	2	Cotton Corporation of India, Mumbai	4
Aarvee Denim	5	Devarsons Industries Pvt. Ltd.	1
Alembic Research Center, Vadodara	2	Devnandan Oil Ind.	1
Alexandra scales Pvt. Ltd., Ahmedabad	1	Dishman Pharmaceuticals & Chemicals	3
Ambika Ginning.	2	Dorizoe Life Sciences Ltd., Ahmedabad	1
Ambika textile	2	Druval Creation.	1
Ankleshwar Research & Analytical Infrastructure Ltd, Ankleshwar	4	E-Coli Waste Management Pvt Ltd (Unit-2)	1
Arex Textile	3	Ethiopian Textile Units	12
Armani India Pvt. Ltd., Bhilwara	2	Fairdeal Jumbo Packaging, Bavla	4
Arvind Composites Division, Khatraj	1	Fisher Biopharma Services(I) Pvt. Ltd, Matoda	2
Arvind Limited, Ahmedabad	6	Flexituff international Ltd, Kashipur	1
Arvind Ltd., Santej	6	Gajanan Polycot	1
Arvind PD Ltd	2	Ganesh Cotton	1
Avdat Trading Pvt. Ltd., Ahmedabad	2	GEB	2
Bajaj Health Care Ltd.	1	GFL-Dahej	1
Balaram Cement	1	GFL-Panchmahal	2
Bannari Group Ltd, (Shiva Technical Textiles), Coimbatore	1	Giridhar Techfab Private Limited	2
BEIL TSDF	1	Girnar BMW	1
Bodeli Milk Chilling Plant	2	GKD India Limited,Jaipur	2
Bombay Rayon & Fashion Ltd., Boisar	3	Grasim Industries Ltd. (Chemical Division)	2
C. N. Polymers	1	Gujarat Electricity Board	1
Cadila Health Care Limited, Moraiya	2	Gujarat Environment Management Institute, Gandhinagar	1
Cadila Pharmaceutical	2	Gujarat Maritime Board	1
Care Bmw Incineration	2	Gujarat NRE Coke Limited, Khambhaliya	2
CERC, Ahmedabad	2	Gujarat Police, Gandhinagar	5
CETP, Pali	1	Gujarat Pollution Control Board, Bhavnagar	2
Claris Injectables Ltd.	1	Gujarat Pollution Control Board, Gandhinagar	8
Cliantha Research Limited - Ahmedabad	2	Gujarat Pollution Control Board, Jamnagar	4
CTM Technical Textiles, Chatral	4	Gujarat Pollution Control Board, Rajkot	8
CTM Textile Mills, Ahmedabad	3	Gujarat State Road Transport Corporation	7
		Gujarat Medical Services Corporation, Gandhinagar	10

	No. of Visit		No. of Visit
Gujarat Tea Processors & Packers Ltd., Ahmedabad	2	Reliance Industries Ltd, Ahmedabad	1
		Ronak Art	1
GVM	1	ROOTS EHS Advisory for Godhrej Garden City	2
Hariom Ind.	1	Royal Environment Audit & Consultancy Services, Rajkot	2
Hemlon Synthetics P Ltd	1	Space Application Centre, Ahmedabad	12
Hirpara Technical Textiles, Ahmedabad	1	Samvedna BMW Incinerator	1
Indotech Engineers Pvt. Ltd.	2	Sangam Spinners Ltd., Bhilwara	4
JAINEX SPECIALITY CHEMICAL	2	Sanand Eco Project Ltd	1
Jindal Denim	3	Shreeji Art	1
Jindal Worldwide, Ahmedabad	5	Shriram Cement	1
Khator Technical Textiles P Ltd, Sylvasa	2	Singhal Fabrics Pvt. Ltd.	1
Krishna Calibration , Ahmedabad	1	Skaps industries, mundra port, Gandhidham	1
Krishna Cotex Ind.	1	Sona Processor, Bhilwara	1
Lubgraf Products, Ahmedabad	1	Strata Geosystems (India) Pvt Ltd, Daman	1
Lupin Ltd.	1	Sugra Textile	1
Mafatlal Industries Ltd. Nadiad	2	Supreme Treves Pvt. Ltd	1
Mamta Polycoats	1	Suryoday Cotspin	1
Mann Creation	1	Suzuki Textile Ltd.	4
Mayur Dye Chem Intermediates LLP (Unit - I)	1	Swan Energy Limited	1
Meghaplast Packaging P Ltd, Daman	1	Tarasafe International Pvt. Ltd., Ahmedabad	1
Moneta Plastic	2	Techfab India, Daman, Vapi, Silvasa	1
Nandan Chiripal Energy Corporation Ltd	4	Terram Geosynthetics P ltd, Mundra Port, Gandhidham	1
ONEIRO CHEMICALS LIMITED	3	Torrent Pharmaceuticals Ltd., Bhat	4
ONGC, Ahmedabad	3	TRADC, Kosamba	1
Orient Abrasives	1	Tulsi Industries	1
P Loom Units, ahd, chatral, Vijapur	20	Unimark Remedies Limited	1
Platinam creation.	1	United Fiber Composites P Ltd – Ahmedabad	1
Pollucare Biomedical Management Pvt. Ltd	1	Urja Products, Ahmedabad	1
Prashant Gamatex	1	Vaccine Technology Centre , zydus, Moraiya	1
Punit Cotton	1	Vaibhav Analytical Services, Ahmedabad	1
Quantum Environment Engineers	1	Vee Kay Vikram & Co	1
Radhika Cotex	1	Veeda Clinical Research Pvt. Ltd, Ahmedabad	4
Rajnagar Textile Mills	1	Viren Textiles	1
Rajshakti Cotton.	1	Yes Weavers	1
Ramdev Creation	2	Zydus Research Centre, Moraiya	4

ANNEXURE IX

DISTINGUISHED VISITORS

1. Mr Pranav Vora, Associate Professor, NIFT Gandhinagar
 2. Mr. Noor Nordin, Director, Nordin Technologies, Malaysia
 3. Mr. Pradeep Kamat, Associate Vice President, Supreme Industries,
 4. Mr. H R Kansara, Deputy Director, ISRO-SAC, Ahmedabad
 5. Ms. Anu Garg, Jt. Sec. IAS, MoT, New Delhi
 6. Brig. Ananthanarayanan – DDG.EM (G&C), Ministry of Defense, Kanpur
 7. Dr. A. P. Srivastav – PSCO, Ministry of Defense, Kanpur
 8. Dr. V. K. Singh – Director, DEBEL, Bangalore
 9. Dr. N. S. Kumar – Scientist F, DEBEL, Bangalore
 10. Mr. Ronald Forbes, Australia
 11. Prof. Nagesh Iyer, CSIR – Structural Engineering Research Centre, [SERC], Chennai
 12. Dr. Tapan Misra, Director, ISRO, Ahmedabad
 13. Mr. R.K Agrawal, Jt. Managing Director, Suryavanshi Spinning Mills Ltd.
 14. Dr. Kavita Gupta, IAS Textile Commissioner, Ministry of Textile, GOI.
 15. Brig. Ran Vijay Singh, General Stores Department, Ministry of Defense, Kanpur
 16. Dr. T.M. Kotresh, Scientist (G), Defense Bio Engineering & Electromedical Laboratory [DEBEL], Bangalore
 17. Dr. Vijay Rama Krishnan, Head – Textile Research & Application Development Centre, Aditya Birla Group, Kosamba
 18. Prof. Thomas Gries, Director, ITA, University of AACHEN, Germany.
 19. Prof. Prasad Potluri, Director, Research NWCE, University of Manchester, U.K.
 20. Shri. B B Sharma, Chief Executive Officer, Syntex Ltd, Kalol
 21. Shri. Ashutosh Tripathi, Cluster Project Head [Gujarat / Rajasthan], L&T, Ahmadabad
 22. Shri. Kamlesh Patel. Chief Operating Executive Officer, Arvind Ltd
 23. Shri. Raghav Jindal, Director, Jindal World Wide
 24. Dr. Aspi N. Patel, Chief Research Officer, Aditya Birla Group
 25. Shri. Kotra Narshima Murthy, Head – IP Strategy & Benchmarking, Aditya Birla Group
 26. Shri. D. Bose, Manager, L&T, Ahmadabad
 27. Shri. Maulik Shah, Manager, L&T
 28. Shri. Shailesh Mehta, Director, Texel Industries Pvt. Ltd
 29. Shri. S V Mavalankar, Director, Genest Engineers Pvt. Ltd
 30. Shri. Jitendra Shah, Director, Jekson Hydraulics Pvt. Ltd
 31. Shri. Ashish Sharma, Vice President – Sales & Services, Trutzchler India
 32. Shri. Daxesh Bhatt, Technical Officer, VIZEBH Composites Pvt. Ltd
 33. Shri. Pradeep, Manager, VIZEBH Composites Pvt. Ltd
 34. Shri. Abhishek Kumar, Founding Partner / Architect, Kumar & Hoilund, Denmark
 35. Shri. Mikael Hoilund, Founding Partner / Architect, Kumar & Hoilund, Denmark
-

ANNEXURE X

MEMBERS OF THE COUNCIL OF ADMINISTRATION

ELECTED MEMBERS

Chairman
Dr. R.A. Mashelkar
National Research Professor,
Chancellor, AcSIR &
President, Global Research Alliance
CSIR – National Chemical Laboratory

Shri Sanjay Lalbhai
Arvind Mills Ltd.
AHMEDABAD

Shri Anand Parekh
Reliance Industries Ltd.
AHMEDABAD

Shri Samveg A. Lalbhai
Atul Ltd.
AHMEDABAD

Shri R. R. Patil
Mafatlal Industries Ltd.
AHMEDABAD

Shri R H Shah
Sayaji Industries, Maize Products
Ahmedabad

REPRESENTATING AHMEDABAD TEXTILE MILLS' ASSOCIATION

Shri Naishadh Parikh
President
Ahmedabad Textile Mills' Association
AHMEDABAD

CO-OPTED ASSOCIATE MEMBERS

Shri Dilipbhai Jiwrajka
Managing Director
M/s. Alok Industries Ltd.
17/5/1. 521/1. Village Rakholi/Saily
Silvassa
The Union Territory of Dadra & Nagar
Haveli 396 230

Mrs. Dipali Goenka
Board Member
Welspun India Ltd.
Welspun House
Kamala Mills Compound
Senapati Bapat Marg, Lower Parel
Mumbai 400 013

ANNEXURE XI

MEMBERS OF THE COMMITTEES

(A) STANDING COMMITTEE

(i) (Ex-Officio)

Dr. R A Mashelkar
ATIRA Council of Administration
Chairman

Shri Sanjay Lalbhai
Arvind Mills Ltd.
Ahmedabad

President / Vice President
Ahmedabad Textile Mill's Association
Ahmedabad

Director, ATIRA
Dr. A K Sharma
Ahmedabad

(ii) Council Nominees from Council

Shri Anand Parekh
Reliance Industries Ltd.
Ahmedabad

(iii) Council Nominees from Outside Council

Shri Chintan Parikh
Ashima Syntex Ltd.
Ahmedabad

Shri Govind Baldva
Pace Clotex Pvt. Ltd.
Ahmedabad

(B) COMMITTEE FOR APPOINTMENTS OF SENIOR STAFF

Dr. R A Mashelkar
Chairman
ATIRA Council of Administration

Shri Sanjay Lalbhai
Arvind Mills Ltd.
Ahmedabad

Shri Prafull Anubhai Shah
Arohi Consultants
Ahmedabad

Shri Anand Parekh
Reliance Industries Ltd.
Ahmedabad

Dr. A K Sharma (Ex-Officio)
ATIRA, Ahmedabad

(C) BOARD OF TRUSTEES : ATIRA FOUNDATION

Dr. R A Mashelkar
Chairman
ATIRA Council of Administration

Members

Shri Sanjay Lalbhai
Arvind Mills Ltd.
AHMEDABAD

Shri Anand Parekh
Reliance Industries Ltd.
AHMEDABAD

Shri Vijay Maheshwari
Mafatlal Industries Ltd.
AHMEDABAD

President
Ahmedabad Textile Mills'
Association
AHMEDABAD

Shri Shrenik K Lalbhai
Saraspur Mills Ltd.,
Ahmedabad

Shri Prafull Anubhai
Arohi Consultatant
AHMEDABAD

Dr. A K Sharma
Director, ATIRA

(D) RESEARCH ADVISORY COMMITTEE

Dr. R.A. Mashelkar
Chairman
ATIRA Council of Administration
National Research Professor,
Chancellor, AcSIR &

President, Global Research Alliance
CSIR – National Chemical Laboratory
Polymer Science & Engineering Building
Dr. Homi Bhabha Road
Pashan Road
PUNE 411 008

Dr. Vikas Nadkarni
Chairman, RAC
Techcellence Consultancy Services Pvt. Ltd.
5, Pushkaraj Apartments
Pushpak Park
Aundh
Pune 411 007

Members

Shri Sanjay Lalbhai
Chairman
Council of Administration of ATIRA
The Arvind Mills Ltd.
Naroda Road
AHMEDABAD 380 025

Shri Vimal Ambani
7 Gadhvi Society
Near Ishita Towers
Navrangpura
AHMEDABAD 380 014

Shri P D Chavda
President
Arvind Products Ltd
(Ankur Textiles Premises)
Ourside Raipur Gate
AHMEDABAD 380 022

Shri Samveg Lalbhai
Managing Director,
Atul Limited
101, 1st Heritage Building
Nr. Gujarat Vidyapith,
Ashram Road,
AHMEDABAD 380 014

Shri Chintan Parikh
Chairman
Ashima Ltd.
Texcellence Complex
Khokhra Mehmedabad
AHMEDABAD 380 008

Shri R. J. Shah
Chief Executive of Dahej SEZ Ltd.
Block No. 5, 4th Floor
Udyog Bhavan
Sector 11
GANDHINAGAR 382 011

Dr. Chandan Chatterjee
General Manager (Project & Technology
Industrial Extension Bureau (iINDEXb)
Block No. 18/2
Udyog Bhyavan
Sector 11
GANDHINAGAR 382 010

Prof. Dr. –Ing. Frank Henning
Deputy Director Fraunhofer ICT
Director Polymer Engineering
Fraunhofer Institute for Chemical
Technology (ICT)
Joseph-von-Fraunhofer-Strasse 7
76327 Pfinztal
GERMANY

Prof. Thomas Gries
Director
Institut fur Textiltechnik (ITA)
Der RWTH Aachen
Otto-Blumenthal-straße 1,
D-52074 Aachen
Germany

Dr. Prasad Potluri
Research Director
Northwest Composites Centre
The University of Manchester
P.O. Box 88, Sackville Street
MANCHESTER M60 1QD
U.K.

Representatives of Government Agencies

Ms. Anu Garg, IAS
Joint Secretary
Ministry of Textiles
Udyog Bhavan
NEW DELHI 110 011

Ms. Kiran Soni Gupta, IAS
Textile Commissioner
Office of the Textile Commissioner
Govt. of India, Ministry of Textiles
48, Vithaldas Thackersey Marg
Nishtha Bhavan, (New C.G.O. Building)
MUMBAI 400 020

Chairman of Panels

Dr. Vikas Nadkarni
Managing Director
Techcellence Consultancy Services Pvt. Ltd.
5, Pushkaraj Apartments
Pushpak Park
Aundh
Pune 411 007

Shri Raghunathan
SC-5, Sowparnika Ananda Apartments
Sompura Sarjapur Road
Bangalore – 562 125

Shri G. S. Baldva
Advisor
Pace Clotex
302 Shankutal
Opp. C.N. Vidhyalaya
Ambawadi
AHMEDABAD 380 015

Directors of Co-operative Textile Research Associations

Dr. A.K. Mukhopadhyay
Director
Bombay Textile Research Association (BTRA)
Lal Bahadur Shastri Marg
Ghatkopar (West)
MUMBAI 400 086

Dr. Prakash Vasudevan
Director
South India Textile Research Association (SITRA)
Coimbatore Aerodrome P.O.
COIMBATORE 641 014

Dr. Arindam Basu,
Director
Northern India Textile Research Association
(NITRA)
Sector 23, Rajnagar
GHAZIABAD 201 002

Dr. A.K. Sharma
Director
Ahmedabad Textile Industry's
Research Association (ATIRA)
P.O. Ambawadi Vistar
AHMEDABAD 380 015

(E) PANEL OF EXPERTS

1. MECHANICAL PROCESSING

Chairman

1. Shri Raghunathan
SC-5, Sowparnika Ananda Apartments
Sompura Sarjapur Road
Bangalore – 562 125

Member

2. Shri P.K. Sharma
Bungalow No.20
Someshwar Complex No.2
Nr. Bidi Wala Park, Satellite Road
AHMEDABAD
3. Shri Vipin Sherelekar
9/1581, Laxmi Cinema Street
Subhash Road
Gandhi Nagar
DELHI 110 031
4. Shri Sunil Sharma
D-1304, Mantri Elegance
N.S. Palaya
Bannerghatta Road
BANGALORE 560 076

ANNEXURE XII

AUDITORS

External : M/s Sorab S. Engineer & Co., Mumbai

Internal : M/s Ramanlal G. Shah & Co., Ahmedabad

ANNEXURE XIII

STAFF (AS ON 31-3-2016)

DIRECTOR

Dr. A K Sharma
M.Sc., Ph.D.

CHEMISTRY DIVISION SCIENTIFIC OFFICERS

D M Chaudhary
B.Sc.

Dr. J J Shroff
Advisor to Chem. and CTD
M.Sc. (Organic Chemistry)
Ph.D. (Medical Chemistry)
consultant

CHEMICAL TECHNOLOGY DIVISION SCIENTIFIC OFFICERS

Bipasha Maiti
B.Sc., M.Tech. (Textile Engg.)

Vikas Tiwari
B.Sc. (Chemistry)

Dr. Kailash Chandra Gupta
M.Sc., Ph.D.
Consultant

Pragnesh Bilimoria
D.T.P.

K K Misra
CEO
B.E. (Mech.), PG in Dip. In
Operational Management

COMPOSITE /PULTRUSION SCIENTIFIC OFFICERS

Dr. Tanmoy Gangodhyay
B.Tech, MTech, Ph.D.
Deputy Director

B G Yuvraj Karan
H.S.C.

Jignesh Kothlawala
D.M.E.

Ashok Bhuyan
B.Sc., PGD-PTCT, MBA
(Operation & Marketing)

Bhupendra R Parmar
B.Sc.

Abdul Rasid A. Shaikh
B.Sc. (Physics), X-ray
Technician Certification from
NCVT, Certification of C.I.C.
from, IGNOU, ASNT Level II in
RT, MT and PT, BARC LEVEL
II Certified RSO

Pravinkumar P. Patel
Diploma in Plastic Engineering
Diploma in Mechanical
Engineering

Chintan Chavda
D.M.E.

Kiran Dev
B.Tech, B.E (Chemical),
M.Sc.(Textile Technology)

Priyabrat Pooranik
Diploma Plastic Engineering

Nilesh Mehta
Diploma Plastic Engineering

CL CENTRE FOR MANAGEMENT SCIENTIFIC OFFICER

R M Sankar
B.B.A., M.Com., M.B.A., L.L.B.

KOLKATA CENTRE

Saibal Guha
B.Com.

Asit Ray
M.A., L.L.B.

ENVIRONMENTAL ENGINEERING DIVISION SCIENTIFIC OFFICERS

Binita Prajapati
B.E. (Chemical)

Vaishali Patel
B.E. (Env.)

Tarak Patel
B.E. (Chemical), M.Tech
(Environment Process Design)

Nikhil Lotia
B. E. (Environment Engg)

GUWAHATI CENTRE – NER

P. S. Barbora
B. Text

S. C. Sarma
B. E (Civil)

G. B. Sharma
Diploma in Civil-Engg

M. H. Singh
B-Tech (Civil)

INCUBATION CENTRE

Pradeep Kulshrestha
B.Text (Tech), PGDBA
(Operation Management)
Chandrakant K Nakum
Diploma In Tex. (D.T.M.)

Consultant

Dharmendra Manhar Goswamy
D.T.M.

NANO TECHNOLOGY

Naman H. Barot
B.E. (Mechanical), Certificate
Course of Computer Application
(CCCA)

Chetan Mahajan
M.Tech (Nano Science &
Technology), Ph.D. (Pursuing)

QUALITY SYSTEM GROUP

ELECTRONICS & I T GROUP

C.S. Vora
D.E.R.E., B.E. (Electronics &
Comm. Engg.)
Consultant

Kishori M Bhatt
D.E.R.E.

Devang Thaker
B. E. (E. C.)

SCIENTIFIC OFFICER

P.M. Jain
D.M.E., P.D.S.M., B.E. (Mech.), C.Engg. (I), M.I.E.(I)

**SPINNING DIVISION
SCIENTIFIC OFFICERS**

P H Shah
D.T.M.

K H Panchal
D.M.E.

Pawan Sharma
B.Sc., A.T.A., M.B.A.

TEXTILE TESTING LABORATORY

Seema Patel
M.Text. Engg.

R.V. Chikani
D.E.R.E., B.E.(Electronics & Comm. Engg.)
consultant

LIBRARY & NICTAS AT ATIRA

Hina N Shah
B.Sc. D.Mkt. Mgt., M.Lib.
Incharge

**WEAVING DIVISION
SCIENTIFIC OFFICERS**

Vrunda Wala
B.E.(Text.Tech.) D.E.P.

POWERLOOM SERVICE CENTRE

Hasmukh P Patel
D.T.M.T.

**ATIRA REGIONAL CENTRE, INDORE
SCIENTIFIC OFFICER**

M. S. Dhadwaiwala
B.Sc., M.A., A.T.A.

ADMINISTRATION

G C Patel
M.A., L.L.B.

R. R. Patel
B.Com., L.L.B.

G P Prajapati
I.T.I.

Alkesh N Patel
I.T.I

J C Chokshi
B.Com., C.A. from ICAI, New Delhi

Om Prakash Dubey
B.A., M.A. Part I

Pompi Das
M. A., Dip. Computer Application
Dip. Stenography & Typing

Director	1			
Dy. Director	1			
Scientific & Technical Officers	49	10	+	39*
Scientific & Technical Assistants	42	10	+	32**
Non Technical Officer	4	0	+	4***
Non Technical Assistant / Other Staff	36	28	+	8****
Total	133			

* 39 on Contractual Appointment
** 32 on Contractual Appointment
*** 4 on Contractual Appointment
**** 8 on Contractual Appointment

ANNEXURE XIV

MEMBERSHIP

MEMBER UNITS BY CATEGORIES AS ON 31-03-2016

Category	Original/ Privileged	Associate	Total
Spinning Mills	4	16	20
Weaving Mills	-	6	6
Composite Mills	5	16	21
Process Houses	-	21	21
Dyes and Dyestuffs	-	5	5
Manufactures of	1	9	10
Starch, Chemicals & Auxiliaries	-	11	11
Manufactures of	-	11	11
Textile Machinery & Accessories	-	34	34
Ginning	-	34	34
Others	-	20	20
Total Membership	10	138	148

MEMBERSHIP

The following is the list of ATIRA members as on 31.03.2016

Those marked *are Original Members, ** are Privileged Members, and others are Associate Members.

1. Adachi Paste Co.
2. Ahmedabad Dyeing, Ahmedabad
3. Aico Agencies Pvt. Ltd..
4. Alliance Textiles Pvt Ltd
5. Alok Industries, Mumbai
6. Amizara Cotton Pvt. Ltd., PO: Talaja, Dt. Bhavnagar
7. Amruta Spintex
8. Anil Texfab Pvt Ltd., Ahmedabad
9. Anubha Fabrics, Palsana, Surat
10. Arjyot Chemicals Pvt. Ltd.
11. Arpan Synthetics (Gujarat) Pvt. Ltd.
12. *. Arvind Mills Ltd.. (3 Units)
 - (ii) Asoka Spintex
 - (iii) Asoka Cotsyn
- *13. Arvind Products Ltd.. (4 Units)
 - (ii) Arvind Intex
 - (iii) Arvind Cotspin, Kolhapur
 - (iv) Arvind Polycot, Santej, Dt. Mehsana
14. Ashima Ltd. (2 Units)
 - (v) Ashima Fabrics, Villa : Karannagar,
 - (vi) Tal: Kadi, Dist .Mehsana
15. Ashwamegh Industries, Rangpurda, Tal: Kadi, Dist. Mehsana
16. Atlas Dye-Chem (India) Pvt. Ltd.,
17. ** ATUL Ltd.
18. Bajaj Steel Industries Ltd.
19. Balkrishna Ginning & Pressing Factory, Post. Taraghadi, Tal. Padadhri, Dist.Rajkot
20. Balkirisha Tex. Pvt Ltd., Ahmedabad
21. Bhagyodaya Group Co-op. Cotton Sale Gng. & Pressing Factory, At & Post. Dhakdi, Tal. Viramgam, Dist. Ahmedabad
22. Bharat Ginning & Pressing Factory
23. Bharat Vijay Mills, Kalol
24. Bhaskar Industries Ltd., Mandideep
25. Birla Cellulosics, Kharach, Kosamba, Dist. Bharuch
26. CTM Textile Mills
27. Cash Zone (Garment)
28. Deegee Cotsyn Pvt. Ltd
29. Dewas Fabrics Ltd., Dewas, M.P

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| 30. Dhanraj Industries, Kadi, Dist. Mehsana | 60. K.K. Engineering Co. |
| 31. Dharti Spinning Mills | 61. Kedar Cotton Industries, Budasan, Tal. Kadi, Dist. Mehsana |
| 32. Dhruv Cotton Processors Pvt Ltd | 62. Khodiyar Gng. & Pressing Factory, Wankaner |
| 33. Divya Textiles | 63. Kinarivala RJK Industries |
| 34. Loxim Industries Ltd | 64. Kiri Industries Ltd., Ahmedabad |
| 35. Durga Processors | 65. Kotak Ginning & Pressing Industries Pvt. Ltd. |
| 36. Dynamic Autolooms India Pvt. Ltd | 66. Kunal Fabrics |
| 37. Fairdeal Jumbo Packaging Pvt Ltd | 67. LNJ Denim Group, |
| 38. Faiz Industries, At: Lalpar, Dist. Wankaner | 68. LNJ Fabric (RSWM Group) |
| 39. Fancytex Global Pvt. Ltd., Gwalior | 69. * Mafatlal Industries Ltd., Nadiad |
| 40. Farmerson Export (P) Ltd. | 70. Mahalaxmi Reb Tech |
| 41. Fairdeal Jumbo Packaging Pvt Ltd., Ahmedabad | 71. Maharaja Shree Umaid Mills Limited, Pali |
| 42. G.B. Cotton Industries, Rangpurda, Tal Kadi, Dist. Mehsana | 72. Marg Biotech Pvt. Ltd. |
| 43. Ghanshyam Ginning Machinery | 73. Maruti Ginning & Pressing Industries, Una |
| 44. Glitter Fabrics | 74. Meshania Ginning & Pressing Factory, At. Lalpar, Tal. Wankaner, Dist. Rajkot |
| 45. Global Pacific Nominees India Pvt. Ltd. | 75. Modern Denim Ltd., Moraiya, Ahmedabad |
| 46. Goldline International | 76. Modern Terry Towels Ltd., Sanand, Dist. Ahmedabad |
| 47. Greenland Agro Engineering | 77. MRT Fabrics, Ahmedabad |
| 48. Guardian Textiles Pvt Ltd | 78. Nandan Exim Ltd, Piplaj, Ahmedabad |
| 49. Gujarat State Co. op. Cotton Federation Ltd. | 79. Narendra Cotton Ginning & Pressing Co. P. Ltd., Rajkot |
| 50. H.V.Synthetics Pvt. Ltd | 80. Narayan Spinning Mills Pvt Ltd, Amreli |
| 51. Harshdeep Industries, Ahmedabad | 81. Navkar Fabrics, Ahmedabad |
| 52. Hind Syntex, Dewas (2 Units) | 82. Neelkanth Spg. Mills, Dhrangadhra |
| (ii) Hind Spinners | 83. Niharika Impex, Ahmedabad |
| 53. Hirapara Poly Products Pvt Ltd., Ahmedabad | 84. Pace Clotex Ltd., Surat |
| 54. Hitkaree Udyog | 85. Panwala Ginning Factory, Post. Makan, Via. Palej, Dist. Vadodara |
| 55. India Sea Foods, Cochin | 86. Parmeshwari Industries, At & Post. Harij, |
| 56. Indian Armour Systems Pvt Ltd | 87. PBM Polytex Ltd. (2 Units) |
| 57. Indra Cotton Ginning & Pressing Pvt. Ltd., Jasdan | (ii) PBM Polytex, Borgaon, Dist. Chhinchwada (MP) |
| 58. Jay Enterprises | 88. Patwa Kinarivala Electronics, Vadodara |
| 59. Jay Khodiyar Industries, Jetpura, Tal. Kadi, | |

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| 89. Peevee Textiles, Jam, Dist Wardha | 118. Shree Rajasthan Syntex Ltd., Dungarpur |
| 90. Prashant Fabrics (I) Pvt Ltd., Piplau-Narol., Ahmedabad | 119. Shree Ramanuj Dyeing & Printing Mills Ltd., Surat |
| 91. Prathiba Fabrics, Surat | 120. Shree Tirupati Industries, At & Post. Harij |
| 92. PT. Indorama (Synthetics Division) Tbk, Jakarta, Indonesia | 121. Shri Una Taluka Cotton Ginning & Pressing Co-op. Society Ltd., Una, Dist. Junagadh |
| 93. Pyrotech India Pvt Ltd., Chennai | 122. Shruti Trading Corporation |
| 94. R.S.B. Cottex Limited, Sabarkantha | 123. Shubham Industries, Dsit. Mehsana |
| 95. Rachna Arts & Printing Ltd.. Surat | 124. Shyam Corporation, Ahmedabad |
| 96. Radhalaxmi Spintex Pvt. Ltd., Morbi | 125. Siddhi Gng. & Pressing, Gir-Gadhada Road, Una |
| 97. Raghav Industries, Manavadar, Tal. Viramgam, Dist. Ahmedabad | 126. Signor Hydraulics |
| 98. Rajaswi Polychem Industries | 127. Sinhal Brothers |
| 99. Rajdhani Universal Fabrics Pvt Ltd., Madhavnagar | 128. Spentex Industries Ltd. |
| 100. Rakesh Textiles | 129. Solus Filtech, Surat |
| 101. Rameshwar Ginning Factory Harij, Dist. Patan | 130. Soma Textiles and Industries Limited, Ahmedabad |
| 102. Rangrej Processors, Ahmedabad | 131. Subham Industries, New Chhatral, Dist. Mehsana |
| 103. Raymond Ltd., Thane | 132. Subhnen Veneers Pvt. Ltd., Mumbai |
| 104. ** Reliance Industries Ltd. | 133. Swastik Textile Engineers Pvt. Ltd. |
| 105. Rimtex Industries, Wadhwan | 134. Techtech Traders, Ahmedabad |
| 106. S. Kumars Nationwide Ltd , Dist. Bharuch | 135. The Ruby Mills Ltd., Mumbai |
| 107. Saahil Organics Pvt. Ltd. | 136. Tirupati Cotton Ginning Factory, Harij, Dist. Patan |
| 108. Samir Synthetics Mills., Ahmedabad | 137. Umesh Cotton Ginning Factory, Harij, Dist. Patan |
| 109. Sandeep Textiles, Pali-Marwar | 138. Urja Infratech, Ahmedabad |
| 110. The Sathamba Group Co-op. Cotton, Sale Gng. & Pressing Mill Co. Ltd., At & Post. Sathamba | 139. Urja Products Pvt Ltd., Ahmedeabad |
| 111. Saurashtra Ginning & Pressing, Wankaner | 140. Vimalnath Creation, Ahmedabad |
| 112. .* Sayaji Industries Ltd., (Unit: Maize Products) | 141. Vinod Fabrics Pvt Ltd., Piplaj, Ahmedabad |
| 113. Semitronik Instruments | 142. Vinod Denim Ltd., Ahmedabad |
| 114. Shahlon Silk Industries Pvt Ltd., Tal. Mandvi | 143. Yes Fashions (P) Ltd., At Palo, Dist. Surat |
| 115. Shivam Cotton Industries, Tal. Karjan, | 144. Yogi Industries, Nani Kadi |
| 116. Shree Ganesh Cotton Ginning & Pressing Factory, Hadmataala, Tal: Kotda-sangani, | 145. Yogiraj Spinning Pvt. Ltd., Gondal |
| 117. Shree Gurukrupa Cotton Industries, Taraghadi | 146. Welspun India Ltd., Anjar |