

sasmira

**THE SYNTHETIC & ART SILK MILLS'
RESEARCH ASSOCIATION**

(Registered under the Societies Registration Act XXI of 1860 and
Bombay Public Trust Act 1950)

72ND ANNUAL REPORT 2021-2022

THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION COUNCIL 2021-22

President

Shri Mihir R. Mehta

Vice-President

Mrs. Smita A. Yeole

Council Members

Shri Maganlal H. Doshi

Shri Sunil S. Mehta

Shri D.V. Radia

Shri V.I. Bachkaniwala

Shri B.S. Parekh

Shri Gokul K. Mehta

Shri Bharat T. Gandhi

Shri S.S. Khetan

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Shri Bharat H. Mehta

Shri Jayesh R. Mehta

Mrs. Hemal P. Udani

Shri Rajan Sehgal

Shri Kapil A. Shorewala

Shri Nandkishor D. Chorawala

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THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION SEVENTY-SECOND ANNUAL REPORT OF THE COUNCIL

GENERAL

The Council of The Synthetic & Art Silk Mills' Research Association have great pleasure in presenting to its members the Seventy-second Annual Report, Audited Balance Sheet and the Income and Expenditure account for the year ended 31st March 2022.

COUNCIL MEETINGS

During the year under review four meetings of the Council were held. The average attendance of the members of the Council at the meetings was 53.33%.

ELECTION OF COUNCIL MEMBERS

At the Seventy-first Annual General Meeting of the Association held on 6th October 2021, six members of the Council viz. Shri Mihir R. Mehta, Shri D.V. Radia, Mrs. Hemal P. Udani, Shri V.I. Bachkaniwala, Shri Bharat T. Gandhi and Shri Dineshchandra S. Zaveri were to retire by rotation and eligible for re-election and to elect one more member in place of Late Shri I.P. Poddar.

Since there were only seven candidates against seven vacancies in the Council, there was no election and all the seven candidates viz. Shri Mihir R. Mehta, Shri D.V. Radia, Mrs. Hemal P. Udani, Shri V.I. Bachkaniwala, Shri Bharat T. Gandhi, Shri Dineshchandra S. Zaveri and Shri Rajiv Ip. Poddar were declared elected.

PRESIDENT AND VICE-PRESIDENT

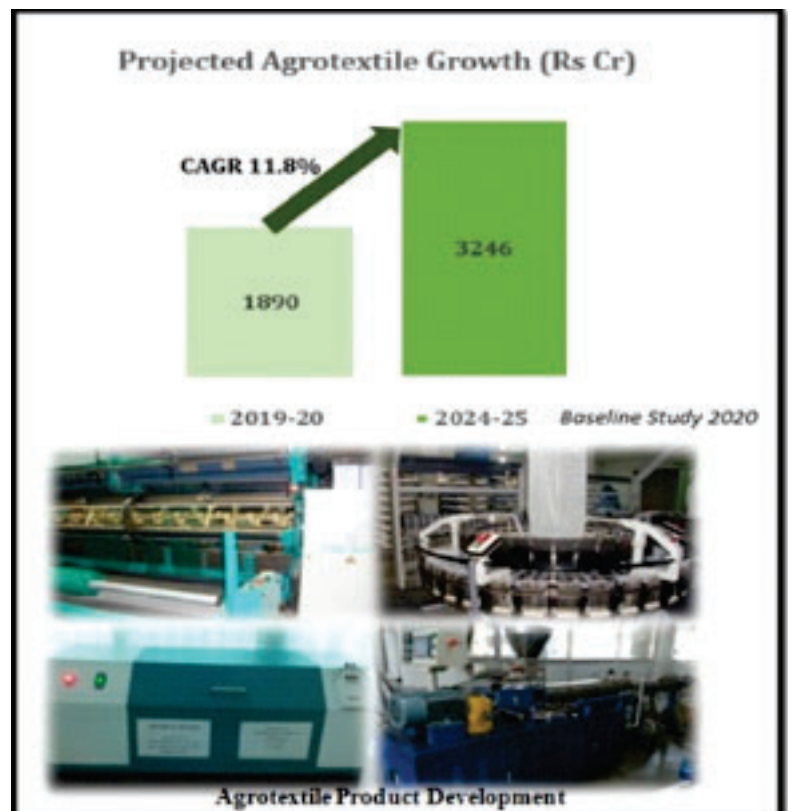
The Council re-elected Shri Maganlal H. Doshi as President of the Association and Shri Mihir R. Mehta as its Vice-President. In the Meeting of Council of SASMIRA held on 5th January 2022, Shri Mihir R. Mehta is unanimously elected as a President of SASMIRA in place of Shri Maganlal H. Doshi who has resigned from the position of President and Mrs. Smita A. Yeole is unanimously elected as Vice-President of SASMIRA in vacant place of Shri Mihir R. Mehta.

MEMBERSHIP

The Association has at present a total membership of 71 units spread all over Country. This consists of 65 Ordinary Members, 5 Associate members and 1 individual Associate Member. There are 50 members from Maharashtra, 19 from Gujarat, 1 from West Bengal and 1 from Telangana.

MEMBERS OF THE COUNCIL TO RETIRE

As per Rule No. 27 of the Rules and Regulations of the Association, Seven members of the Council Viz. Shri Maganlal H, Doshi, Shri Bharat S. Parekh, Shri Gokul K. Mehta, Mrs. Smita A. Yeole, Shri Bharat H. Mehta, Shri Kapil A. Shorewala and Shri Rajan Sehgal are to retire by rotation this year and eligible for re-election.



RESEARCH AND DEVELOPMENT ACTIVITIES

The Synthetic & Art Silk Mills' Research Association (SASMIRA) is principally engaged in applied research to meet the changing needs of the man-made textile industry. SASMIRA is engaged in the implementation of research projects by various funding agencies as depicted below:

No	List of Funding Agencies	Total Projects
1	Ministry of Textiles (MOT)	
	- Mechanical processing	7
	- Chemical processing	5
2	Department of Science & Technology (DST)	1
3	Rajiv Gandhi Science & Technology Commission (RGSTC), Government of Maharashtra	1

COMPLETED PROJECTS

MINISTRY OF TEXTILES (MOT)

I. MECHANICAL PROCESSING

1. Smart shade-net through auto-regulation of thermal and light radiation

Shade-net is used to cut-off the extra sunlight and allow the remaining desired sunlight to the plant. Plants require the sunlight reaching them should be in diffused form not in specular form. Conventional shade-nets cut the extra sunlight but direct the desired sunlight to the plants mostly in specular form which is undesired. In tropical and sub-tropical regions sunlight present in the day time is extreme and temperature is also very high. So to get the optimum results it is required to keep sunlight and temperature both at optimum level. Thermal energy which causes rise in temperature is carried by the Infrared portion of the spectrum. Conventional shade-net are transparent to the infrared radiation, which causes rise in temperature inside the net-house. The project envisaged to develop shade-net product which can manage IR energy of the solar spectrum.

As per objective various IR reflective materials have been studied. Based on the study, TiO₂ and silver nano particles based materials were identified as suitable raw material for regulation of light and thermal behaviour. For comparison purpose coloured shade net (without IR reflective pigment) was also developed. HDPE material compounded with UV filler and coloured

pigments have been developed in red and green colour. Development of nanocomposite tape yarn with 0.5 wt % of nanomaterial capable of regulating light and thermal behaviour is completed. Developed nanocomposites have been used for the development of Shade-net. Testing and analysis of light and thermal energy transmission behaviour has been completed.

The project was approved for a period of 30 months. Sanction order for first installment of MoT, Gol share was received in the month of December 2016. However, due to non-release of 2nd MoT, Gol Share Project work got hampered. But, SASMIRA has completed the remaining work with support from industry. A patent has also been filed under the project. The project has been approved for its completion by the PAMC and PAC committees of the MoT, Gol. However, release of the final installment of the project is awaited.

2. Development of multi-purpose shade net for water harvesting

Atmospheric water is generally clean, does not contain harmful micro-organisms and is immediately suitable for irrigation purposes. Given that fog harvesting is particularly suitable for mountainous areas where communities often live in remote condition, capital investment and other costs are generally found to be low in comparison with conventional sources of water supply. Currently the villagers have to travel long distances to collect water and it is time and energy consuming. The water harvesting by the proposed technology would enable them to harvest and use water at their locales itself. Different structures of the shade net suitable for the application for water harvesting was studied and samples were developed with different geometry of the tape and filament yarn. The developed HDPE tape have been impregnated with carbon based material to increases the fog collecting capacity and then to condensate into water much faster as compared to standard type locally available. Developed structure has been installed in Pfutsero, Phek, Nagaland for water harvesting trials. Analysis of harvested water sample for its various quality parameters like pH, BOD, COD etc. has been completed.

The project was approved for a period of 24 months. Sanction order for first installment of MoT, Gol share was received in the month of December 2016. However, due to non-release of 2nd MoT, Gol Share Project work got hampered. But, SASMIRA has completed the remaining work with support from industry. A patent has also been filed under the project. The project has been approved for its completion by the PAMC and PAC committees of the MoT, Gol. However, release of the final installment of the project is awaited.

3. Design and development of an instrumental set up for measuring the wind blockage percentage of horticultural wind break nets

Wind break nets are used to give protection to the crops. Windy conditions can often double the amount of fuel needed to heat a

greenhouse or nursery structure. Properly designed windbreaks have been shown in some cases to cut structural heating and cooling costs by as much as 10 to 40 percent. In areas with hot, dry winds, windbreaks can reduce the summertime cost of cooling greenhouse. Control of above factors helps in getting optimum yield of crop. Wind nets are manufactured by knitting / weaving Polypropylene /polyester monofilament / tape yarns with varied constructions. Before this project there was no instrument available to quantify the amount of wind blockage achieved by the net. The project aimed at development of a set up for measuring wind blockage percentage of nets which is one of the key test parameter for net samples.



Figure: Wind Blockage Tester

As per the objective of the project, the important aspects such as wind velocity; temperature; humidity and pressure levels at different zones of the country were studied. And accordingly the schematic diagram and design of the machine was finalised. As per the design the wind blockage percentage tester has been developed and trial of the developed set-up for wind blockage percentage and the testing and evaluation of the net samples has been completed.

The project was approved for a period of 24 months, sanction order for first installment of MoT, Gol share was received in the month of December 2016. However, due to non-release of 2nd MoT, Gol Share Project work got hampered. However, SASMIRA has completed the remaining work with support from industry. A patent has also been filed under the project. The project has been approved for its completion by the PAMC and PAC committees of the MoT, Gol. However, release of the final installment of the project is awaited.

4. Development of next generation thermo-chromatic thermoregulatory agrotexiles for horticulture application

Intensity of sunlight increases from morning to noon and sometimes its intensity is so high that it can affect the growth of plant and its survival. In this project it was proposed to develop photochromic/ thermoregulatory agrotexiles for horticulture/ agriculture application. The developed agrotextile fabric is active in nature and responsive to the change in light intensity. It gradually change from colorless state to dark color along with the increased light intensity. The unique fabric exhibits the variable screening property and keep the availability of light to the plants at optimum level that enhances the plant productivity and quality.

As per the objective of the project, various additives viz combination of organic & inorganic nanoparticle have been identified. Incorporation of these additives imparted thermoregulatory property to the base PP material. The material development process has been established and optimized. The developed novel material has been used for development of Agrotextile crop cover. Performance analysis of the developed product has been successfully evaluated.

The project was approved for a period of 24 months. Sanction order for first installment of MoT, Gol share was received in the month of March 2018. However, due to non-release of 2nd MoT, Gol Share Project work got hampered. But, SASMIRA has completed the remaining work with support from industry. A patent has also been filed under the project. The project has been approved for its completion by the PAMC and PAC committees of the MoT, Gol. However, release of the final installment of the project is awaited.

5. Design and development of a digital instrument for measuring the thermo-regulatory properties of textiles

There are few fabrics available in the market which can control the body temperature and keep the wearer cool in a hot weather or warm in an extremely cold weather. Some fabric manufacturers claims that their innovative fabric can reduce the body temperature by around 10-15 °C. But before this project, there was no such instrument available in the market to verify the claim of the manufacturers and objectively assess this sort of thermoregulatory properties of functional textiles. As per the objective, design has been finalised. As per the design the instrument for measuring the thermoregulatory properties of textiles has been developed.



Figure: Instrument for measuring thermoregulatory property of textiles

The project was approved for a period of 24 months. Sanction order for first installment of MoT, Gol share was received in the month of March 2018. However, due to non-release of 2nd MoT, Gol Share Project work got hampered. But, SASMIRA has completed the remaining work with support from industry. A patent has also been filed under the project. The project has been approved for its completion by the PAMC and PAC committees of the MoT, Gol. However, release of the final installment of the project is awaited.

II. CHEMICAL PROCESSING

1. Development of biodegradable agro textile products for horticulture application using keratin based waste products

Currently, nursery containers are produced using materials obtained from oil or natural gas and are becoming an increasingly expensive commodity. Biodegradable nursery containers would be boon to the environment and producers alike. In this project, it was envisaged to make biodegradable pots from chicken feathers for horticulture applications. As per the project objectives pot samples made of keratin and PP/PMMA have been developed. Developed samples have exhibited a better shelf life and didn't not crack or wither as fast as their plastic counterparts. The proportion of polymer to the keratin has been optimized to get the desired biodegradable extent and shelf life.

Extraction of the keratin material was the most critical part of the project. Thorough literature study was done for finding out potential ways of keratin extraction from chicken feathers. Different methods like chemical extraction (sulphitolysis method), enzymatic extraction and hydrophobic ionic liquids have been used to extract keratin. Maximum amount of extraction was achieved through hydrophobic ionic liquids, upto 25 % extraction level has been achieved. Plasticization parameter has been optimized and Keratin film composite has been developed. Characterization of developed film for its mechanical and biodegradability behavior has been performed. Agrotexile product has been developed through Molding process. Developed Agrotexile product has also been evaluated for biodegradable behaviour and other properties.

The project was approved for a period of 24 months. Sanction order for first installment of MoT, Gol share was received in the month of December 2016. However, due to non-release of 2nd MoT, Gol Share Project work got hampered. But, SASMIRA has completed the remaining work with support from industry. A patent has also been filed under the project. The project has been approved for its completion by the PAMC and PAC committees of the MoT, Gol. However, release of the final installment of the project is awaited.

2. Biological synthesis of bio-degradable textile polymer

Modern life has been influenced by plastic due to their useful physical properties and low production cost all these plastic polymers are derived from non-renewable petrochemicals and are non-bio-degradable which ultimately pollutes the environment. Currently there is no potential substrate which can replace the plastic which is need of the hour. Under the project it was envisaged to develop a methodology for the development of biopolymer which can match the properties of currently used plastic materials. Thus it can be used as substitute of the plastic in many areas e.g. sapping bags.

As per objective of the project, nine Poly(hydroxybutyrate) (PHB), a polyester producing bacteria have been isolated for the

synthesis of bio degradable textile polymer. Out of these nine strains, five strains were found to exhibit PHB yields in the range of 22 -55%. Bio- Parameters (Carbon source, Nitrogen source, Incubation temperature, Media pH) were optimized to maximize the PHB production. Lab Scale Production of PHB in fermenters has been completed. Characterization of bio polymer for biodegradability properties is in process. The best combination has been used for development of agricultural ground covers / crop covers. The developed crop cover has analysed for its performance.

The project was approved for a period of 24 months, sanction order for first installment of MoT, Gol share was received in the month of December 2016. However, due to non-release of 2nd MoT, Gol Share Project work got hampered. However, SASMIRA has completed the remaining work with support from industry. A patent has also been filed under the project. The project has been approved for its completion by the PAMC and PAC committees of the MoT, Gol. However, release of the final installment of the project is awaited.

3. Biotransformation of naturally occurring phenolic compounds for development of eco-friendly flame retardants (FR) for imparting functionality to textiles

Eco-friendly FRs are the need of the hour. All halogenated FR currently in use are toxic and carcinogenic in nature. These materials are banned in most countries. Other FR materials need strong chemicals, reagents and high temperature for synthesis. Hence, an enzymatic biotransformation is most viable option being economical affordable, eco-friendly and energy conserving. The aim of this project is to create a new novel class of non halogenated flame retardants with good char and heat release capacities by the use of bio-catalytic enzymes in predominantly aqueous / benign solvent environment. Also use of renewable raw materials(monomers and catalysts) for the synthesis of these FRs will be attempted.

Readily available Cardanol was procured and characterized for phenol content. Other Natural sources like pomegranate have also been explored for extraction of Phenolic Compounds. Extractions of enzymes required for bio transformation is done. Characterization of developed polymer and study of its FR properties has been performed. The optimized formulation is being applied as a flame retardant chemical for textile and the comparative study with synthetic flame retardants has been conducted.

The project was approved for a period of 24 months. Sanction order for first installment of MoT, Gol share was received in the month of December 2016. However, due to non-release of 2nd MoT, Gol Share Project work got hampered. But, SASMIRA has completed the remaining work with support from industry. A patent has also been filed under the project. The project has been approved for its completion by the PAMC and PAC committees of the MoT, Gol. However, release of the final installment of the project is awaited.

4. Establishment of methodology for green processing of cotton using supercritical carbon dioxide technology

Cotton is the most important natural fibre used in the textile industries worldwide. A significant part of the apparel export from India is dominated by cotton garments. The wet processing on cotton consumes huge amount of chemicals and water. The waste water thus generated after the processing of cotton is discharged as effluent. This has caused serious environmental problems. Alternative methods are being used to save water viz., low liquor ratio, pad-sizing, ozone processing, enzyme desizing, multiple wet cycle for garment washing, removing water from stone wash, etc. However, all these methods have not been able to minimize the effluent load from wet processing's of cotton. Supercritical carbon dioxide (SC-CO₂) technology as an alternative to present conventional method possess potential to eliminate water from the process. The project is based upon the usage of SC-CO₂ instead of water.

As per the objective, various pre-treatment processes of cotton fabrics like desizing, scouring, bleaching has been identified where SC-CO₂ technology can be replaced with the conventional method which uses water, chemicals/auxillaries. Trials have been conducted for pre-treatment of cotton using SC-CO₂ set up for optimization of parameters viz temperature, pressure, time using the design of experiment statistical model using Response Surface Methodology (RSM), Box-Behnken model. Optimization of parameters for processing of cotton fabric was carried out by treating fabric with only SC-CO₂. Optimization study is in progress for pre-treatment of grey cotton fabric using 1) SC-CO₂ and water and 2) SC-CO₂ and different enzymes viz. lipase, amylase, and pectinase. Simultaneously, the evaluation of pre-treated fabric has also been done w.r.t. weight loss, absorbency, whiteness index and yellowness Index.

The project was approved for a period of 24 months. Sanction order for first installment of MoT, Gol share was received in the month of March 18. However, due to non-release of 2nd MoT, Gol Share Project work got hampered. But, SASMIRA has completed the remaining work with support from industry. A patent has also been filed under the project. The project has been approved for its completion by the PAMC and PAC committees of the MoT, Gol. However, release of the final installment of the project is awaited.

5. Design and development of low cost reusable sanitary pads for Indian women

India produces several hundred million used sanitary pads a month, but has no disposal protocols. Incinerators are rare and can have unpleasant environmental impacts if used at scale. Commercial pads are too expensive for most underprivileged schoolgirls and young women. They opt for low cost reusable cloth pads which however, are unhygienic and uncomfortable. An initiative to make available sustainable low cost, safe, absorbent and degradable quality sanitary pads to the poor schoolgirls and young women is necessary. Thus, the project envisages designing and developing low cost reusable sanitary pads using locally available biodegradable materials.

As per the objective, selection of substrates for three layers has been done. Top layer (polyester) to absorb blood, middle layer (superabsorbent material) to lock blood flow & moisture and outer layer (coated polyester) to be leak-proof and breathable. A route to develop the middle absorbent layer which is the key layer is in progress. Testing and study of the different developed layers for its functionality and summarization of evaluated results has been done.

The process of finalizing the draft specification is simultaneously in progress and SASMIRA has been made the Convenor of the Panel Constituted for Finalization of Specification of Reusable Sanitary Cloth Pad/Napkin by Bureau of Indian Standards, New Delhi.

The project was approved for a period of 18 months. Sanction order for first installment of MoT, Gol share was received in the month of March 2018. However, due to non-release of 2nd MoT, Gol Share Project work got hampered. But, SASMIRA has completed the remaining work with support from industry. A patent has also been filed under the project. The project has been approved for its completion by the PAMC and PAC committees of the MoT, Gol. However, release of the final installment of the project is awaited.

ONGOING PROJECTS

MINISTRY OF TEXTILES (MOT)

I. MECHANICAL PROCESSING

1. Development of high strength cost effective seamless technical circular fabric from heavy denier multifilament yarns

Seam is always a problem in a circular fabric as strength of the fabric at seam is less than the other parts of the fabric. During their application all parts of the fabric come under stress and there are always chances of failure at seam. Thus, seamless circular fabrics are ideal for such applications. Thus, in this project it is envisaged to develop technical fabric using heavy denier multifilament yarns which may be used in both warp and weft directions. There will not be any seam in the envisaged fabrics. Technical fabrics may be seamless as well as flat. So fabric will be homogeneous and have same strength in all parts of the fabric in warp direction. Owing to the same strength in all parts, envisaged seamless fabrics can be ideal for applications like Geo-tubes, Geo-bags, Geo-textile encased columns in road construction, fire escape chute systems fabrics etc. The envisaged method to develop fabric by circular weaving system will bypass several processes being currently used in conventional woven fabric development and weave directly, which saves considerable cost and time. As per the objective of the project raw material has been identified and procured viz. High tenacity polyester, polypropylene [PP]. Process for development of Cost Effective Seamless Technical Circular Fabric from Heavy Denier Multifilament Yarns have been established. Necessary modification in the machinery for technical improvement in the product is going-on. Few samples

have also been developed. A patent has also been filed under the project.

The project was approved for a period of 24 months. Sanction order for first installment of MoT, Gol share was received in the month of March 2018. However, due shortage of funds project work got hampered. Progress of the project has been presented to PAMC and PAC committees of MoT, Gol. The project has been approved for release of 2nd Installment of MoT, Gol Share. It has been reported by SASMIRA that the remaining project work can be completed and project completion report can be submitted within five months upon receipt of approved funds.

2. PP/Jute hybrid mulch mat for moisture and temperature management in horticulture application

Mulching is a technique of covering soil with some suitable means like straw, film, Agrotextile ground/mulch cover. It suppresses the weed growth around the plant. Two main products which are currently being used for mulching application are mulching film and Agrotextile Ground Cover. Mulching films have several drawbacks viz. Non-biodegradable in nature, Single use, Low strength (Makes it susceptible to tear and damage during its usage). Based-upon the nature of material used Agrotextile mulch/ground cover is divided into two broad categories, one is synthetic mulch e.g. PP and HDPE mulch mat another one is mulch mat made-of natural material like Jute. Synthetic mulch is strong but non-biodegradable although recyclable while jute mulch is biodegradable but GSM of the suitable mulch is generally very high. Thus, this project envisages developing a PP/Jute hybrid mulch. To preserve the biodegradable nature of jute, PP would be mixed with keratin extracted from waste like chicken feathers. The proposed hybrid mulch fabric would combine the positives of two categories and eliminate the negative effects. The envisaged product would be relatively light weight and less porous, it will facilitate creating appropriate environment for cultivation.

As per objective, literature survey has been completed; suitable raw material (PP and Jute material) has been identified. PP material has been modified by incorporating color and UV additives. Three type of samples viz. Jute mulch, PP mulch and PP/Jute hybrid mulch samples have been developed. Hybrid mulch samples contain 70-80% of jute material and 20-30% PP material. Hybrid mulch development process has been established and optimized. Field trial study is to be conducted.

The project was approved for a period of 18 months. Sanction order for first installment of MoT, Gol share was received in the month of December 2017. But project work has been hampered due to shortage of fund. Till date only 1st installment of MoT, Gol share has been received. All the requisite documents for release of 2nd installment has already been submitted. However, sanction of 2nd Installment of MoT, Gol is awaited. In order to complete the remaining project work SASMIRA has sought immediate release of funds and additional time.

DEPARTMENT OF SCIENCE & TECHNOLOGY (DST)

1. Development of high performance hail protection net for agriculture / horticulture application

Anti-hail net is used to protect plant from hail storm. Hail-net has to survive the impact of high energy hail. The project envisages to develop a novel material by incorporating impact resistant nanomaterials into the polymer matrix and use this material to develop high performance hail protection net. Materials viz. CaCO₃, SiO₂ and TiO₂ have been identified and studied for their properties. These materials have been incorporated into the PE matrix through twin screw compounding process in varied proportions from 0.25wt% to 2wt%. Developed materials have been characterized for various properties like M.P. and Tg, etc. Anti-hail net samples have also been developed using developed nanocomposite material. Performance analysis of the developed hail-net samples is going-on. Received 1st Installment has been utilized. Annual progress report has been submitted and 2nd Installment has been claimed.

RAJIV GANDHI SCIENCE & TECHNOLOGY COMMISSION (RGSTC), GOVERNMENT OF MAHARASHTRA

1. Development and design of low-cost adult urine incontinence product

Project envisages to develop reusable adult Urine Incontinence Product. Reusability at low cost is the main goal of the project. Various textiles materials like cotton, banana, bamboo, PP and PET have been explored for development of different layers of the envisaged products. Performance of Individual layers in isolation and in combination with other layers have been done. Based upon the performance of different layers, three prototype products have been developed. Performance evaluation of the developed prototypes is going-on.

NEW PROJECT PROPOSALS

New project proposals have been submitted to following funding agencies:

S.N	Name of the Project	Funding Agency
1.	Development of Energy Responsive Agrotextile for low cost opportunities to grow off-season vegetable/fruits	NTTM under MOT
2.	Development of a sustainable regenerated cellulosic based Agrotextile for Agriculture/ Horticulture Application	NTTM under MOT

S.N	Name of the Project	Funding Agency
3.	Development of Climate specific Agrotexiles for enhanced Agricultural/ Horticultural productivity	NTTM under MOT
4.	Extraction and bio-transformation of pectin from plant waste as flocculating agent to treat waste water particularly textiles	BIRAC
5.	Low Cost Up-gradation of Looms for Enhanced Productivity and Quality	DST, CHORD
6.	High Performance Emergency Track-way for All Terrains	DST, TDP
7.	Environmentally benign supercritical carbon di-oxide (SC-CO ₂) based water free textile coloration technology: a disruptive innovation to eliminate water pollution	MOEF
8.	Doubling the Farmer's Income by Establishing Blueprint for Selective Utilization of Agrotexiles with Respect to State Climatic Conditions to Increase the Productivity and Quality of Agriculture Produce	RGSTC

GOVERNMENT OF MAHARASHTRA

SASMIRA has been actively working towards the implementation of Textile Policy of Govt. of Maharashtra. In order to achieve objectives of the policy SASMIRA had proposed following three projects which are under review.

1. Development of Versatile Mobile Textile Effluent Treatment System for De-centralized Textile Industries:

One of the objectives of State Textile Policy is to Set-up pollution free / eco- friendly dyeing and processing industry. Mobile ETP may solve the effluent treatment problem of small scale textile wet processing industry. The textile wet processing industry is divided into different segments and each segment caters to specific processing needs viz., cellulosic dyeing, synthetic fibre fabric, blends and wool processing. The liquid discharge from these industries is different and hence the treatment for these should also be different. Depending on the effluent generated, SASMIRA has developed few low cost as well as high end effluent treatment modules. Thus, SASMIRA has propagated the concept of pollution control by reutilization of dye bath liquor for water conservation and reduced dyeing costs to the decentralized sector. Yet the cost and space requirement of the set-up being prohibits the industry, specifically the smaller cluster of process houses from setting up the Effluent Treatment plants. SASMIRA has a unique proposition to tackle this requirement by

way of developing a Mobile ETP Plant for the industry which will enable the industry to hire these Mobile plants for recycling of their effluent stream. The proposal is under review.

2. Model Project to Promote Agrotexiles in Maharashtra:

State Govt. is trying every means to increase the farmer's income. In the present capricious environmental conditions Agrotexiles can play an important role in increasing state agricultural/horticultural produce along-with farmer's socioeconomic life by increasing their farm income. SASMIRA has proposed a model project for state which is aimed at increasing adoption of the Agrotextile in the state. The proposal has two major components one disseminating information about Agrotexiles through state wide training programs to the farmers and second provides Agrotextile products (kits) to selected farmers. The agrotextile kit would require an area up to 1000 Square meters to avail multiple agrotextile products (E.g. Shade net 500 Sqm and Ground Cover 500 Sqm). A farmer may avail agrotextile kit of area as per availability of land for a component within the upper ceiling as per agreed terms per beneficiary. The farmer having agricultural land can be a beneficiary of the said agrotextile kit. This project will result in higher demand and growth of agrotexiles in the state. The execution of the project will provide stimulus to the technical textile industry in the state as well as it would be instrumental in doubling farmers' income. Thus the growth of usage of Agrotextile products in the country will thus benefit both agriculturists as well as textile entrepreneurs in the state. The proposal is under review.

3. Setting up a 100 liters capacity, SC-CO₂ based dyeing set-up for textile:

The textile wet processing industry is today interested in newer technologies which can address both effluents as well as eco-friendly process. Waterless dyeing technology using supercritical carbon dioxide (SC-CO₂) can provide solution to the textile wet processors. SASMIRA, under the Ministry of Textiles, Govt. of India sponsored project, has successfully designed and developed a 20 liters supercritical carbon dioxide set-up for textile dyeing. The developed prototype is a distinct set-up exclusively for carrying out the dyeing of fibres/fabrics using SC-CO₂ technology. A project proposal for setting-up of 100L capacity SC-CO₂ plant at one of the State Textile Parks has been proposed. The proposed set-up of 100 lt capacity would help us in conducting commercial scale trial. SASMIRA would set-up the SC-SO₂ based plant at state govt. designated place. It has been proposed to utilize the set-up for commercial scale trials for the industry. It will help in propagating environmentally clean technology in the state. The proposal is under review.

PATENT APPLICATION

During the reporting period following R & D outcome has been applied/granted for Patents:

- Patent No. 369411 granted for "Textile Based Multi-layered Bio-Mat for Combating Oil Spill Pollution" on 16th June 2021.

CENTRE OF EXCELLENCE (COE) AGROTECH

As a Centre of Excellence for Agrotexiles, during reporting period, SASMIRA has achieved :

- Establishment of testing & manufacturing facilities: All machines have been procured and installed as per DPR.
- Accreditation with National and International Institutes

SASMIRA laboratory for Centre of Excellence Agrotexiles is accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) in accordance with the international standard ISO/IEC 17025 – 2017 for Mechanical, Chemical and Biological evaluation of textiles. SASMIRA laboratory is now Accredited for Testing of Toys, Food and Hazardous and Restricted Chemicals under accreditation from NABL. The validity of NABL accreditation for Mechanical, Chemical and Biological testing is valid upto November 2022. Desktop Surveillance audit was successfully conducted in August 2021.

SASMIRA is internationally accredited by American Association for Laboratory Accreditation (A2LA), USA for Physical, Chemical and Microbiological testing of textiles and allied substrates. A2LA accreditation is now valid till 31st March 2023.

SASMIRA is now accredited for carrying out Proficiency Testing for parameters in Chemical, Mechanical and Biological Testing.

- Numbers of Persons to be trained by COE: The total numbers of trainees were 47.
- Number of Incubation Activities: 3 incubation activities are going-on.
- Number of specification/ standards to be formulated: Draft specification for Bird protection net has been formulated. Further BIS has published 5 new Standards viz 1) IS 17728:2021: Agro textiles - High density polyethylene (HDPE) laminated woven lay flat tube and fittings for use in rain irrigation system-Specifications, 2) IS 17729:2021: Agro

textiles — Flexible water storage tank for agriculture and horticulture purpose-Specifications, 3) IS 17730 (Part-I):2021: Agro textiles — Hail protection nets for agriculture and horticulture purposes-Specification Part-I Warp knitted hail protection nets, 4) IS 17730 (Part-II):2021: Agro textiles – Hail protection nets for agriculture and horticulture purposes-Specification Part-II-Woven hail protection nets, 5) IS 17731:2021: Agro textiles –Laminated woven orchard protection covers-Specification.

- Anticipated revenue generation in Rs. Lakhs: Revenue of Rs.100.72 lakhs has been generated during reporting period.
- Number of training Programme/ Seminars/Conferences organized: COE-Agrotech participated in various National and International events on technical textiles and webinars.
- Number of DPRs to be prepared to set up Technical textile units: Two DPR is being prepared on agrotexile product for benefit of the Industry.
- Number of technical consultancy assignments: 41 technical assignments and queries have been solicited from various Industries.

SCHEME FOR PROMOTING USAGE OF AGROTEXTILES IN NORTH EAST REGION

Total 44 demo centres have been established and 1218 Kits have been distributed to beneficiary farmers from NER states. The scheme has significantly impacted awareness about Agrotexile products which has led to increase in demand for the Agrotexile products in the region. The Scheme has already been concluded for its physical achievements.

SCHEME FOR PROMOTING USAGE OF AGROTEXTILES IN REST OF INDIA

Scheme work is already completed. Under this scheme, 10 demonstration centres have been established and 200 kits have been distributed. Farmers are reaping benefit in terms of productivity and earning, the scheme has improved the awareness and demand for the Agrotexile products in the region. Final installment still awaited.

TESTING AND TECHNICAL SERVICES

TESTING:

Number of Samples Tested for 2021-22

(From April 2021 to March 2022)

Samples	Members	Non-Members	Total
Fibres	3	478	481
Yarn	122	334	456
Fabric	237	1987	2224
Technical Service	1	33	34
Others	0	178	178
Certificate + Technical Opinion	0	19	19
Total			3392
		Additional (COE / R & D)	856
		GRAND TOTAL	4248

NABL ACCREDITATION

SASMIRA'S Chemical, Mechanical and Biological Testing laboratories are accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) under Department of Science & Technology, Govt. of India, since November 2004. The successful completion of desktop audit was done in October, 2021. The validity of the certification is till 26th November 2022 for the Mechanical, Chemical, Hazardous & restricted chemicals and Biological testing laboratories.

A2LA ACCREDITATION

Further to strengthen our laboratory activities 'SASMIRA'S Chemical, Mechanical and Biological testing laboratories' had successfully undergone the International audit by American Association for Laboratory Accreditation (A2LA) and accredited since January, 2011. The renewal audit was successfully completed in Jan 2021 without any non-conformity and has been approved for continual of accreditation by A2LA. The validity of the certification is till March 31, 2023.

Technical Services

- To investigate distorted warp bands in woven fabric sample submitted by M/s Shree Maruti Cottons, Rajasthan
- To investigate the cause of tearing of the garment after processing submitted by M/s C.M Textiles, Bhiwandi.
- To investigate the cause defect of fading at collar, sleeves, upper front & back portion of garment after processing submitted by M/s Yog Enterprises Mumbai
- To investigate the cause of reddish spots observed on the

garment after storage for two months submitted by M/s Bhagwan Enterprises, Mumbai

- To investigate the cause of warp patta in the finished fabric M/s Damodar Industries, Mumbai
- To investigate the cause of light and dark portions appearing in the finished fabric by B. K. Sales, Ludhiana.
- To investigate the cause of black spots observed after processing by M/s Ramraghav Tex India, Mumbai.
- To investigate the cause of shade variation observed after processed embroidery fabric submitted by M/s Pal fashions, Boisar, Tarapur.
- To investigate the cause of appearance of dark spots on Terry towel after processing submitted by M/s Rossari Biotech, Dadra & Nagar Haveli.
- To investigate the cause of bleeding of colours after coning of dyed polyester yarn submitted by M/s KRS Oils, Daman
- To investigate the cause of visible white spots in the finished fabric submitted by M/s P C Shah, Mumbai
- To investigate the cause dark tints in the finished fabric submitted by M/s Kumar Silk Mills, Mumbai.
- To investigate the cause of dark spots visible in the finished fabric submitted M/s Sai Images, Mumbai.
- To investigate the cause of white spots in the fabric submitted by M/s Shree Nakoda Enterprises, Bhiwandi.
- To investigate and analyze the cause of pills formation in the fabric submitted by M/s Mitwa Fabrics Pvt. Ltd., Bhiwandi.

- To investigate and analyze the cause of patta in the form of light & dark portion in the finished fabric submitted by M/s Shreyan Tex Fab, Gujarat.

Technical study on Technical textile samples

- The customer M/s Hyosung India Pvt. Ltd, Aurangabad had submitted spandex yarns at SASMIRA for evaluating suitability of spandex yarn Technical Textile applications evaluation report was forwarded to the customer for various technical applications of spandex yarn
- The technical consultancy was given to customer M/s Hyosung India Pvt. Ltd, Aurangabad who had approached SASMIRA for Spandex yarn manufacturing machinery inspection & compatibility for the product.

Training Imparted /Witness Testing:

- Training imparted to students of KBP college Vashi on handling

and functioning of Analytical testing equipments

Certificate & Technical Opinion:

- Certificate issued to M/s Kabir Tex, Surat for ascertaining whether the submitted sample describes as 100% Polyester Woven Dupatta is as per description for three samples.
- Certificate issued to M/s Yashvi Fabrics, Surat to ascertain whether the submitted samples are 100% Cotton Woven Hemmed Dress material for three samples.
- Technical opinion on whether it is pile fabric submitted by Ganesh Trading Co. Mumbai.
- Technical opinion on whether the sample is Acrylic tow/fibre/substandard Acrylic tow/Acrylic hard waste or soft waste submitted by Dy. Commissioner of Customs, SIIB (IO JNCH, Nhava Sheva) for 12 samples.

INSTRUMENTATION

SASMIRA has been undertaking designing and development of textile testing instruments for the textile industry. The instruments are developed as per British Standards, AATCC and Bureau of Indian Standards. SASMIRA's testing instruments have been supplied to several textile units and research bodies in India as well as neighbouring countries.

At the end of previous year total number of order pending was 1. During the year, order was received for 1 unit of different SASMIRA testing instruments. The orders received and break-up of the instruments fabricated by SASMIRA during the year are as follows:

Sr. No.	Instruments	Orders received in the year 2021-2022 (No. of Units)	Status of the order at the end of the year 2021-2022
1	Crimp Rigidity Tester	1	Completed
2	Shade-O-Meter	1	Completed
Total no. of Orders received		1	
Total no. of orders completed		2	
Total no. of orders pending		0	

The instruments fabricated and supplied to various manufacturing units against specific orders totaled 2 (1 + 1). At the end of the current year the number of orders pending was Nil.

INFORMATION SERVICES (SASMIRA)

During the year under review 57 books, 35 bound volumes 16 dissertations and 20 other materials such as Annual Reports, Seminar Papers, etc. were added to the Library.

The total holding of the Library is 23,869

Books	10,424
Bound Volumes	8,617
Dissertations	2,362
Other materials	2,501

Current Periodicals 51

On Exchange	08
Gratis	43

Online Databases 03

ProQuest J-Gate
ProQuest Ebrary database with 24,000 Ebooks.

Institutional Memberships

American Library
National Digital Library

Daily Library Services

Read to lead

Article at your Doorstep

LIST OF WEBINARS ATTENDED / PUBLICATION/PAPERS PRESENTED

Dissemination of Information / Knowledge about SASMIRA's developments and services and latest developments happening around the world in the field of textiles particularly Technical Textiles has always been one of the core activities of SASMIRA. SASMIRA organizes/participates in the seminar and workshop programs at the national and international levels in order to connect with the textile industry and entrepreneurs to promote Technical Textiles and Latest Technologies/Processes. During the reporting period, COE participated/organised in National and International webinars event on textiles and technical textile as given below:

• Attended BIS Meetings as given below:

05-04-2021	TX35	22-10-2021	TXD 13
05-04-2021	TX31	28-10-2021	TXD 05
06-04-2021	TX07	09-12-2021	TXD 14
07-04-2021	TX18	14-12-2021	TXD 37
09-04-2021	TXDC	28-12-2021	PGD 27
25-05-2021	TX18	11-01-2022	TXD 31
28-05-2021	TX05	12-01-2022	TXD 38
28-06-2021	TXD 36	18-01-2022	TXD 33
29-06-2021	TXD 13	04-02-2022	TXD 34
09-07-2021	TXD 01	22-02-2022	TXD 13
04-08-2021	TDX 35	22-02-2022	TXD 36
27-08-2021	TXD 31	24-02-2022	TXD 32
08-09-2021	TXD 07	10-03-2022	TXD 30
21-09-2021	TXD 31	10-03-2022	PGD 27
28-09-2021	TXD 36	11-03-2022	TXD 01

- Collaborative meeting on Technical Textiles with CIRCOT on 7th April 2021.
- Sustainable Clothing and Textile Recycling Online Conference on Friday, April 30th 2021.
- Attended BIS Webinar on 27th May 2021.
- Webinar stakeholder's meeting with Ministry of Textiles under NTTM on 10th June 2021.
- Web Meeting with Ministry of Textiles on 17th June 2021.
- Meeting with the Honorable Textile Minister and Minister of State for Textiles at Office of The Textile Commissioner, Mumbai on 10th July 2021.
- Attended NABL Assessor Conclave on 23rd July 2021.
- Webinar on "Recycle and Reuse of waste water from Textile Industry" organized by The Textile Association (TAI) on 24th July 2021.

- Attended webinar by Q Lab on 29th July 2021.
- WebEx on ASTM Exoskeleton and PPE Interface Challenges Roundtable on 11th August 2021.
- CII Annual Meeting 2021 India@75: Government and Business working together for Aatmanirbhar Bharat on 12th August 2021.
- Webinar on Brand Protection by the Use of Invisible Markings by Industrial Fabric Association International (IFAI) on 18th August 2021.
- Webinar by Q-Sun on QUV accelerated weathering tester on 26th August 2021.
- Webinar on Leadership in the Creation of a New Scientific Endeavour: Role of a Visionary and a Missionary conducted by Dept. of Biotechnology (DBT) on 16th September 2021.
- NABL Lab Forum on 24th September 2021.
- NABL Quorum dated 11th October 2021
- Webinar on Global Collaboration Forum for Personal Protective Equipment (PPE) organized by ASTM International on 13th October 2021
- Virtual International Conference, TEXCON 2021 held on 21st and 22nd October 2021
- Virtual Interactive Meeting organized by Indian Technical Textile Association (ITTA) on "Production Linked Incentive Scheme for Technical Textiles Sector" dated 26th October 2021
- Virtual 16th Quality Conclave (VQC) organized by Quality Council of India (QCI) dated 27th October 2021
- Attended "Vigyan Utsav" on Azadi Ka Amrit Mahotsav: R&D Infrastructure in Maharashtra co-ordinated by Rajiv Gandhi Science and Technology Commission (RGSTC), Government of Maharashtra dated 23rd November 2021.
- Meeting on "First Working Group Meeting for Development of Technical Regulations for Man Made Fibre Textiles" held on 24th November 2021.
- NABL Quality Conclave 4.0, held on 27th November 2021.
- NABL TechSympo 2021 dated 22nd December 2021.
- NABL TechSympo 2021 dated 23rd December 2021.
- BIS Virtual Meeting on PGD 27 dated 28th December 2021.
- Webinar on Expert Council relating to intangible technology transfer dated 23rd February 2022.
- Virtual interactive training session on the GeM- Government e-marketplace procedures and opportunities dated 24th February 2022.
- Webinar on Man-Made Fiber Conclave 2022 held on 9th March 2022.
- Presentation on "Agrotexiles: An Emerging Tool to improve Agricultural/Horticultural Productivity and Quality" dated 9th March 2022 organized by College of Home Science, Nirmala Niketan, Mumbai.
- Webinar on Awareness and Implementation of Indian Standards on Agrotexiles organized by Bureau of Indian Standards dated 10th March 2022.
- Webinar on Water Sustainability in Textile Industries using Proven and Robust Wastewater Recycle Solutions organized by The Textile Association (India), Mumbai on 12th March 2022.
- Participated as an Expert in panel discussion on Agrotexiles session during International Conference on Technical Textiles held over hybrid platform organized by Ministry of Textiles dated 12th March 2022.
- Webinar on Awareness and Implementation of Indian Standards on Geotextiles organized by Bureau of Indian Standards dated 14th March 2022.
- Webinar on Awareness and Implementation of Indian Standards on Medical Textiles organized by Bureau of Indian Standards dated 22nd March 2022.
- Webinar on Next Generation of Antimicrobial Solutions for Textiles dated 23rd March 2022.
- Webinar on Colour of India dated 24th March 2022.
- Virtual International Technical Textiles Symposium on A Circular Economy and Automation process in Textiles dated 23rd and 24th March 2022.
- Webinar organized by Rajiv Gandhi Science and Technology Commission on Women in S&T and S&T for Women under State Science and Technology Programme dated 28th March 2022.

PUBLICATIONS

SASMIRA has been publishing an in-house Journal named, Man-made Textiles in India (MMTI) for the past 65 years. The prime objective of magazine is to disseminate knowledge on textile and allied fields thereby benefiting the Educational Institute, Industry and the Society in specific.

The Journal is vividly subscribed by researchers, technologists, entrepreneurs, universities, textile product consumers and industry experts alike in India and abroad. Moreover, the Journal is abstracted by World Textile Abstracts, Textile Technology Digest and Indian Science Index and reproduced by several textile periodicals.

During the year 2021, MMTI published technical articles, research papers, etc. on different segments of textiles and allied fields, in all 47 articles were published. In addition to technical papers, the Journal also covered textile kaleidoscope, technical textiles news and events calendar.

Theme "ATMANIRBHAR BHARAT" has been designed for cover page of MMTI for year 2022.

SASMIRA'S OPERATION AT BHIWANDI (2021-2022)

SASMIRA PSC'S are fulfilling the need of the decentralized powerloom sector in Bhiwandi Cluster. The various services provided to the industry are:

- Quality Assurance Services
- Human Resource Development
- Consultancy and Trouble Shooting
- Seminars/Workshops
- Apparel Training Centre

SASMIRA PSCs have been creating awareness for implementation of comprehensive schemes for powerloom sector development under iPowertex India, besides, Technology Up gradation Fund (TUF), converged Group Insurance Scheme (GIS), etc.

However the decentralized powerloom sector in general is facing market slackness due to various reasons like non lifting of finished fabric, reduction in sale, labour problem, fluctuation in yarn prices, hike in electricity rates etc.

Bhiwandi is the largest powerloom cluster in the country and value addition being a key demand in the textile market today, a lot of Garment Mfg. units are coming up in and around Bhiwandi. Accordingly to meet the requirement of the local garment industry, MOT, GOI has sanctioned Sasmira Powerloom Service Centre-I at Bhiwandi with state-of-art Apparel Training facilities during 2009-10. The centre is conducting a certificate course in Basic Garment Manufacture (CBGM) and Advance Garment Manufacture & Fashion Designing (CAGMFD).

Activities :

PSC-I

Testing:

During the year under review 2743 samples were tested against last year 1976.

Technical Services/Design Development:

There were 23 technical services against last year 15.

Training

- 1) 40 Candidates are trained under Maharashtra Centre for Entrepreneurship development (MCED) launched Training Programme TEDP (General) based on Ready-made Garment Manufacture.

- 2) 8 Candidates are trained under Apparel Training in Sewing Machine Operator Course (Basic).

- 3) 8 Candidates are taught online for weaving Technology part-1 & part-2, Theory and Practical for Diploma in Weaving Technology (D.W.T.) conducted by SASMIRA, Mumbai.

PSC-II

Testing

748 samples were tested in this year against last year 580 samples.

Technical Services / Design Development

There were 3 technical services against last year 2.

Training

No shopfloor Training programmes were conducted for the weavers in the Bhiwandi cluster in this financial year due to Covid-19 pandemic restrictions.

Service rendered during the year 2020-2021 and 2021-2022 are as follows :

Year	Testing [Samples]		Technical Services & Design Development	
	2020-21	2021-22	2020-21	2021-22
PSC-I	1976	2743	15	23
PSC-II	580	748	2	3
TOTAL	2556	3491	17	26

Revenue generated from Technical services, Testing and Design Development: (In Rupees)

Year	2020-21	2021-22
PSC-I	4,51,250/-	5,52,840/-
PSC-II	1,09,270/-	1,35,010/-

Revenue generated from Training : (In Rupees)

Revenue generated from Apparel Training in Sewing Machine Operator Course (Basic)- Rs. 8,000/-.

Total Revenue Generated:

Year	2020-21	2021-22
PSC-I	4,51,250/-	5,60,840/-
PSC-II	1,09,270/-	1,35,010/-

sasmira

**THE SYNTHETIC & ART SILK MILLS'
RESEARCH ASSOCIATION**

**(Registered under the Societies Registration Act XXI of 1860 and
Bombay Public Trust Act 1950)**

ANNUAL ACCOUNTS 2021-2022

AUDITOR'S REPORT TO THE MEMBERS OF THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION

1. We have audited the attached Balance Sheet of THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION (SASMIRA) as at 31st March, 2022 and also the annexed Income and Expenditure Account for the year ended on that date along with our reports on financial statements of individual sections of SASMIRA i.e SIMSR, SICS, SBS, SIDT and SIMMT. These financial statements are the responsibility of the SASMIRA's management. Our responsibility is to express an opinion on these financial statements based on our audit.
2. We conducted our audit in accordance with auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.
3. We report that:
 - A. We have obtained all the information and explanations, which to the best of our knowledge and belief, were necessary for the purpose of our audit;
 - B. We have relied on the report of internal auditor of the Association to the extent of matters covered thereunder.
 - C. The Balance Sheet and Income and Expenditure Account dealt with by this report are in agreement with the books of account;
 - D. Attention is invited to the following
 - (a) It is pertinent to mention that the Association has outstanding income tax demand payable for AY 2010-11 and AY 2015-16. The Income tax department has denied the benefit of exemption claimed by the Association under section 11 of the Act by invoking the provisions of section 2(15) of the Act which was introduced w.e.f 2009-10.

For AY 2010-11 the reassessment was completed on 31-03-2016 and demand of Rs.45,54,340 is raised by the income tax department. For AY 2015-16, regular scrutiny assessment was completed on 18-12-2017 on similar lines and demand of Rs.1,59,97,640 is raised by the income tax department. The demand for both the years is challenged by the Association and the appeals are pending before the first appellate authority.

For AY 2013-14 revision proceedings under section 263 have been initiated on 17.02.2021 and the Ld. Commissioner of Income Tax has passed an order dated 05.03.2021 for which the Association has filed an appeal with the Honorable Income Tax Appellate Tribunal of Mumbai. Subsequently, the AO set aside and accepted the claim of appellant and therefore, the Association withdrew the plea and an order dated 26.04.2022 was passed by Honorable Income Tax Appellate Tribunal of Mumbai Bench 'G'.

For AY 2017-18 revision proceedings under section 263 have been initiated on 28.02.2022 and the Ld. Commissioner of Income Tax has passed an order dated 24.03.2022 for which the Association has filed an appeal with the Honorable Income Tax Appellate Tribunal of Mumbai.

Since the matter is still pending before the first and second appellate authority it was not possible to determine the outcome of above income tax disputes as on the balance sheet date, therefore, the Association has not made any provision in the financial statements. An adverse outcome of the appeal may have a significant impact on the Association financial position.

Also, relevant new amendments in the Finance Act, 2020, made effective and considering the impact of the same on status of the Institute. The Institute has filed Form 10A and received the order in Form 10AC of provisional registration number AAATT4271EE20214 under section 12A of the Income Tax Act on 31.05.2021. Also, the institute has filed Form 10A received the provisional registration number AAATT4271EH20212 under section 35(1)(ii) of the Income Tax Act on 28.03.2022

Subject to the above and notes to accounts forming part of financial statement, in our opinion and to the best of our information and according to the explanations given to us, the accounts read with other notes thereon give a true and fair view in conformity with the accounting principles generally accepted in India:

- (a) in the case of the Balance Sheet, of the state of affairs of the Association as at 31st March, 2022 and
- (b) in the case of General Income and Expenditure Account, of the Deficit for the year ended on that date.

FOR SAVANT & CO.
CHARTERED ACCOUNTANTS.
FIRM REGISTRATION NO: 109356W

(RAVINDRA M. SAVANT)
PROPRIETOR
(Membership No.030010)
UDIN: 22030010ARVURG5144

Place : Mumbai
Date : 24th August, 2022

THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
BALANCE SHEET AS ON 31ST MARCH, 2022

SR NO.	LIABILITIES	Current Year 31-03-2022 Amount (Rs.)	Previous Year 31-03-2021 Amount (Rs.)
1	RESEARCH FUND : (As per Schedule "A")	889,977,183	891,562,340
2	GRANT-IN-AID (TO BE SPENT) (As per Schedule "B") Govt. of India, Ministry of Textiles, A & MMT	5,803,400	15,154,030
3	BUILDING CORPUS FUND Opening Balance (Refer Notes to accounts) 241,304,637 Add: Interest received during the year -	241,304,637	241,304,637
4	NON-CURRENT LIABILITIES Bank OD Facility (Allahabad Bank A/c 50505590130)	-	95,110,712
5	LIABILITIES :- (A) Sundry Creditors 33,150,675 (B) Other Liabilities 11,803,969 (C) Advances and Deposits 9,411,972	54,366,615	67,368,179
	(D) Leave Encashment 1,564,844 Add : Interest earned 80,612	1,645,456	1,485,354 79,490
6	INCOME & EXPENDITURE ACCOUNT BALANCE Opening Balance 232,912,104 Add: Surplus/(Deficit) for the year (4,303,963) Add/(less): Impairment of Assets 2,363,183	230,971,324	232,274,442 860,069 (222,407)
	TOTAL	1,424,068,615	1,544,976,846

THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
BALANCE SHEET AS ON 31ST MARCH, 2022

SR NO.	ASSETS	Current Year 31-03-2022 Amount (Rs.)	Previous Year 31-03-2021 Amount (Rs.)
7	FIXED ASSETS : (As per Schedule "C")		
	PART I	505,124,035	544,818,157
	PART II	54,320,062	54,320,062
	PART III	217,936,509	217,936,509
	PART IV	2,208,734	2,208,734
	PART V	-	-
	PART VI	-	-
	PART VII	425,696,032	425,696,032
	PART VIII	94,824,064	94,824,064
		1,300,109,435	1,339,803,558
8	INVESTMENTS : (AT COST)		
	(A) 6 years National Saving Certificate of Rs.100 each	1,000	1,000
	(B) 8% Savings (Taxable Bonds) (Pledged against the O/d facility with Allahabad Bank Nov 2019)	-	100,000,000
	(C) Against Funds - Refer Notes to accounts Fixed Deposit (Leave Encashment)	1,595,205	1,552,413
9	CURRENT ASSETS : (As per Schedule "D")	122,362,975	103,619,875
	TOTAL	1,424,068,615	1,544,976,846

Notes on Balance Sheet and Income And Expenditure Account - Refer Schedule "E"
As per our Report of even date.,

For Savant & Co.,
Chartered Accountants
Firm Registration No. 109356W

MUMBAI :
24th August 2022

RAVINDRA M. SAVANT
PROPRIETOR
Membership No. 030010

U. K. DAS
SR. ACCOUNTS OFFICER

SMITA A. YEOLE
VICE-PRESIDENT

M. R. MEHTA
PRESIDENT

**THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
GENERAL INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED 31ST MARCH, 2022**

NO.I

SR NO.	Expenditure	Current Year 31-3-2022 Amount (Rs)	Previous Year 31-3-2021 Amount (Rs)	SR NO.	Income	Current Year 31-3-2022 Amount (Rs)	Previous Year 31-3-2021 Amount (Rs)
1	Payment to Staff			34	Subscription	167,500	161,500
	i. Salaries	28,493,038	24,392,917	35	Testing Fees	7,701,070	6,157,196
	ii. Contribution to PF & Others	2,812,768	2,095,876	36	Technical Service Charges	1,415,400	705,100
	iii. Contribution to Gratuity Fund	8,050,000	6,650,000	37	Income from Training Courses (SETP)	-	10,559,687
	iv. Contribution to Union Donation	250,000	-	38	Interest	6,937,340	8,239,479
	v. Staff Welfare & Council Meet Expenses	2,778,116	326,217	39	Income from Publication	122,807	56,677
		42,383,922	33,465,010	40	Contribution towards Economic Rent from Technical Institute	60,180	60,180
2	Electricity Charges	1,540,758	884,661	41	Auditorium & Lab Hire Charges	317,650	659,065
3	Rates and Taxes	648,835	618,232	42	Hoarding Site & Service Charges	2,095,000	-
4	Insurance	344,088	297,182	43	Licence Fees & Rent	58,584,524	10,152,584
5	Auditor's Honorarium	110,000	130,000	44	Recurring Grant from Ministry of Textiles, Govt. of India (Refer Schedule "B")	38,000,000	22,000,000
6	Printing, Stationery, Postage, Telegram & Telephone Charges	237,119	350,621	45	General Donation	150,000	10,000,000
7	Pilot Plant & Fabrication Expenses	309,469	106,400	46	Compensation from MMRCL	21,232,785	-
8	Repairs & Maintenance :			47	Income from Industry's Project	768,825	1,412,947
	i. Building	1,047,715	4,540,417	48	Income From Rajiv Gandhi Science & Technology Commission (RGSTC)	1,111,555	426,445
	ii. Lift	52,769	-	49	Miscellaneous Income	455,777	931,890
	iii. Electrical Maintenance	3,000	860	50	Forfeiture of EMD	1,200,000	-
	iv. General Repairs & Maintenance	19,750,340	108,777	51	Income from Educational Activity - SICS	9,687,180	8,798,300
	v. Computer Maintenance	184,934	54,420	52	Income from Educational Activity - SIMSR	6,347,000	7,311,687
		21,038,758	4,704,474	53	Excess of Income over Expenditure of SBS	27,699,426	9,458,729
9	Motor Car, Travelling, Conveyance & Transportation	354,124	234,150	54	Excess of Income over Expenditure of SIMSR	7,018,519	4,217,137
10	Expenses for Training Courses (SETP)	-	13,343,659	55	Excess of Expenditure over Income	4,303,963	-
11	Expenses for Publication	284,789	245,040				
12	Share of MHADA in Property Rent	11,573,280	-				
13	Expenses For Rajiv Gandhi Science & Technology Commission (RGSTC)	1,283,089	426,445				
14	Expenses for Industry's Project	1,883,292	1,412,947				
15	Legal & Professional Fees	3,927,600	1,289,000				
16	Brokerage Paid	11,573,280	-				
17	Housekeeping Charges	39,600	226,033				
18	Library Expenses (Including Cost of Books purchased)	8,675	-				
19	Membership Subscription Written off	17,700	-				
20	NOC from Ground Rent and Hoarding Expenses	918,974	-				
21	Affiliation with SNDT	150,000	-				
22	Miscellaneous Expenses	883,625	986,601				
23	Depreciation	53,125,257	651,325				
24	Interest on Overdraft	5,456,618	5,159,119				
25	Activity Fees Receivable written off	1,688,414	-				
26	Excess Of Expenditure over income of COE (No.II)	15,008,392	32,582,518				
27	Excess of Expenditure over Income of 100% Funded Govt. of India Project A/c (NO-III)	6,284,700	142,287				
28	Excess of Expenditure over Income of "SASMIRA'S Regional Powerloom Service Centre - Bhiwandi-I" (NO.IV)	1,181,973	1,235,421				
29	Excess of expenditure over Income of "SASMIRA'S Regional Powerloom Service Centre - Bhiwandi-II" (NO.V)	632,874	804,784				
30	Excess of Expenditure over Income of COE NER (No. VI)	30,833	-				
31	Excess of Expenditure over Income of SICS	3,031,244	1,152,625				
32	Excess of Expenditure over Income of SIDT	9,425,219	-				
33	Excess of Income over Expenditure	-	860,069				
	TOTAL	195,376,501	101,308,603		TOTAL	195,376,501	101,308,603

Notes on Balance Sheet and Income And Expenditure Account - Refer Schedule "E"

As per our Report of even date.,

For Savant & Co.,

Chartered Accountants

Firm Registration No. 109356W

MUMBAI :
24th August 2022

RAVINDRA M. SAVANT
PROPRIETOR
Membership No. 030010

U. K. DAS
SR. ACCOUNTS OFFICER

SMITA A. YEOLE
VICE-PRESIDENT

M. R. MEHTA
PRESIDENT

THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
SCHEDULE FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022

SCHEDULE "A"

Funds	Amount (Rs)	Current Year 31-03-2022 Amount (Rs)	Previous Year 31-03-2021 Amount (Rs)
RESEARCH FUND :			
(A) General Fund :			
(a) Balance as per last year	61,791,999		61,781,999
(b) Contribution received during the year (Includes Admission (Entrance) Fees, Initial Contribution & Donations)	30,000		10,000
(c) Economic Rent from Technical Institute - Transfer from Income & Expenditure Account	-		-
		61,821,999	61,791,999
(B) Contribution towards Machinery : (From Textile Machinery Manufacturers Association)			
Balance as per last year	50,000		50,000
Less: Impairment of Asset	50,000		50,000
		-	-
(C) Capital Grant Account :			
(i) Powerloom Service Centre I at Bhiwandi - Balance as per last year	2,000,000		3,424,227
Add: Received during the year	-		-
Less: Impairment of Asset	-		1,424,227
		2,000,000	2,000,000
(ii) Powerloom Service Centre II at Bhiwandi - Balance as per last year	138,298		138,298
Less: Impairment of Asset	138,298		138,298
		-	-
(iii) Computer Aided Design Centre at Bhiwandi			
Balance as per last year	4,100,000		4,100,000
Less: Impairment of Asset	4,100,000		4,100,000
		-	-
(iv) 100% Funded GOI R&D Projects & Training Programme from Ministry of Textiles			
Balance as per last year	29,433,411		57,737,307
Add: Received during the Year	222,990		-
Less: Impairment of Asset	2,488,147		28,303,896
		27,168,254	29,433,411
(D) Capital Grant from Department of Textile , Gov of Maharashtra			
Balance as per last year	8,000,000		8,000,000
Add: Received during the Year	-		-
		8,000,000	8,000,000
(E) Capital Grant from Khadi & Village Industries Commission			
Balance as per last year	368,600		262,740
Add: Received during the Year	-		105,860
		368,600	368,600
(F) Capital Grant from Textile Committee (Modernisation)			
Balance as per last year	14,958,068		14,958,068
Less: Impairment of Asset	14,958,068		14,958,068
		-	-
(G) Capital Grant from Development Commissioner of Handloom - Govt. of India (HRD)			
Balance as per last year	1,050,000		1,050,000
Less: Impairment of Asset	1,050,000		1,050,000
		-	-
(H) Capital Grant (S & T) :-			
Balance as per last year	111,600		111,600
Less: Impairment of Asset	111,600		111,600
		-	-
(I) Capital Grant Modernisation (PSC-BI) :-			
Balance as per last year	1,089,121		1,089,121
Less: Impairment of Asset	1,089,121		1,089,121
		-	-
(J) Capital Grant Modernisation (PSC-BII) :-			
Balance as per Last Account	1,116,451		1,116,451
Less: Impairment of Asset	1,116,451		1,116,451
		-	-
BAL C/F		99,358,853	101,594,010

THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
SCHEDULE FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022

Funds		Rupees	Current Year 31-03-2022 Rupees	Previous Year 31-03-2021 Rupees
	BAL B/F		99,358,853	101,594,010
(K)	Capital Grant (RGSTC) :	-		-
	Add: Received during the Year	650,000		-
			650,000	-
(L)	Capital Grant (C O E) :	216,448,234		216,448,234
	Add: Received during the Year	-		-
			216,448,234	216,448,234
(M)	Capital Grant (A T C) :	2,746,000		2,746,000
	Less: Impairment of Asset	2,746,000		2,746,000
			-	-
(N)	Capital Grant (ISDS) :			
	Balance as per Last year		53,000,000	53,000,000
(O)	Capital Grant (C O E - NER) :			
	Balance of Last Year	425,696,032		425,696,032
	Add: Received during the Year			
	Distribution of Agrotextile Kit	-		-
	Establishment of Demo Centre	-		-
			425,696,032	425,696,032
(P)	Capital Grant (C O E - ROI) :			
	Balance of Last Year	94,824,064		94,824,064
	Add: Received during the Year	-		-
			94,824,064	94,824,064
	TOTAL		889,977,183	891,562,340

As per our Report of even date.,

For Savant & Co.,
Chartered Accountants
 Firm Registration No. 109356W

MUMBAI :
 24th August 2022

RAVINDRA M. SAVANT
 PROPRIETOR
 Membership No. 030010

U. K. DAS
 SR. ACCOUNTS OFFICER

SMITA A. YEOLE
 VICE-PRESIDENT

M. R. MEHTA
 PRESIDENT

THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
SCHEDULE FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022

SCHEDULE "B"

Funds	Amount (RS)	Current Year 31-03-2022 Amount (RS)	Previous Year 31-03-2021 Amount (RS)
GRANT-IN-AID : (To be Spent) :			
I From Govt. of India, Ministry of Textiles, A&MMT Section			
Balance as per last year (i) PLAN 15,154,030			12,968,597
Balance as per last year (ii) NON PLAN -			-
Add : Received during the year (i) PLAN -			4,369,772
Received during the year (ii) NON PLAN 38,000,000			22,000,000
	53,154,030		39,338,369
Add: Interest for the year 268,187			1,021,831
Less: Gran in Aid Returned to MOT (5,677,689)			-
Less: Interest Paid on unspent Amount of NER to MOT (1,187,758)			-
	46,556,770		40,360,200
Less : Amount utilised during the year			
(A) Transfer to SASMIRA'S General			
Income & Expenditure Account (Non-Plan) 38,000,000			22,000,000
(B) Transfer to SASMIRA'S 100% Funded Project			
Income & Expenditure Account (Plan) -			-
(C) Transfer To SASMIRA'S COE -NER SCHEME			
Income & Expenditure Account (Plan) -			1,366,778
(D) Capital Grant Received - Spent for Fixed Assets (PLAN)			
(Refer Schedule "C" Part I Item No D) 222,990			-
(E) Capital Grant Received - Spent for Fixed Assets (RGSTC)			
(Refer Schedule "C" Part-1 Item No E) 650,000			-
(F) Transferred to DST Project 768,825			1,412,947
(G) Transferred to RGSTC Project 1,111,555			426,445
	40,753,370		
		5,803,400	15,154,030
II From Government of India, Ministry of Textiles, W & P Section :			
Powerloom Service Centres at Bhiwandi :			
Balance as per last year -			-
Received during the year 3,400,000			3,400,000
	3,400,000		3,400,000
Less : Transfer to Powerloom Service Centre at Bhiwandi			
I & II Income & Expenditure Accounts 3,400,000			3,400,000
		-	-
TOTAL		5,803,400	15,154,030

As per our Report of even date.,

For Savant & Co.,
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SCHEDULE "C"
PART - I

THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
SCHEDULE FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022

FIXED ASSETS	Dep Rate %	COST		DEPRECIATION			Net Block As on 31-03-2021	Net Block As on 31-03-2022	
		As on 01-04-2021	Additions During the year	Disposal/ Written-off	As on 31-03-2022	Accumulated Dep up to 31-03-2021			Depreciation for the year
(A) BUILDING :									
1 Land - Leasehold Sasmira Refer Note 1	-	401,912	-	-	401,912	-	401,912	401,912	
2 SASMIRA Building (Refer Note 1)	10%	4,190,418	9,691,799	-	4,190,418	-	411,069,724	447,052,338	
3 New Building	10%	447,052,338	-	-	456,744,137	-	13,530,469	15,033,854	
4 Electric Fittings & Equipments	10%	15,033,854	-	-	15,033,854	-	5,644,881	6,641,036	
5 Lift	15%	6,641,036	883,393	-	6,641,036	-	874,174	145,047	
6 Security CCTV	15%	145,047	1,504,321	-	1,028,440	-	9,504,518	9,056,255	
7 Fire Fighting	10%	9,056,255	981,748	-	10,560,576	-	18,793,231	21,127,935	
8 Air-Conditioner	15%	21,127,935	-	-	22,109,683	-	302,538	504,230	
OUT OF GENERAL FUND :									
1 Solar Panel System	40%	3,081,040	-	-	3,081,040	201,692	2,778,502	2,778,502	
2 SASMIRA Lifts	15%	286,012	-	-	286,012	286,012	-	286,012	
3 Machinery & Laboratory Equipments	15%	6,599,658	-	-	6,066,518	79,971	453,169	533,140	
4 Electric Fittings & Equipments - transferred to SETP	10%	444,096	-	-	444,096	-	355,704	88,392	
5 Furniture & Fixtures - WDV amounting to Rs. 34,280 transferred to SETP	10%	4,875,727	-	-	4,124,321	71,713	645,413	751,406	
6 Library	10%	94,104	-	-	94,104	-	94,104	-	
7 Projector - transferred to SETP	15%	502,043	-	-	472,565	-	472,565	-	
8 Tubewell	15%	26,450	-	-	26,450	-	26,450	-	
9 Machine Tools (Book Bindings)	15%	4,055	-	-	4,055	-	4,055	-	
10 Office Equipments - WDV amounting to Rs. 41,127 transferred to SETP	15%	2,696,079	3,186	-	2,598,479	8,949	50,710	97,600	
11 Fax Machine	15%	76,961	-	-	76,961	-	76,961	-	
12 Motor Cars	15%	1,026,331	-	-	639,251	58,062	329,018	387,080	
13 Television	15%	68,000	-	-	68,000	-	68,000	-	
14 Security Camera	15%	16,499	1,500	-	10,560	1,116	6,323	5,939	
15 Mannequin & Dress Form - SEP - transferred to SIDT	15%	427,388	-	-	251,976	251,976	175,412	175,412	
16 Software	40%	35,000	-	-	27,440	3,024	4,536	7,560	
Machinery : (Out of Contribution by Textile Manufacturers Association)			43,753	-	43,753	-	43,753	-	
(D) Developments Commissioners, Handloom - Govt. of India (HRD)									
1 Ambercharkhas & Belnis		18,700	-	-	18,700	-	18,700	-	
2 Handloom & Dobbies		68,844	-	-	68,844	-	68,844	-	
3 Handloom Pattern & Design		25,000	-	-	25,000	-	25,000	-	
4 Office Equipments		10,476	-	-	10,476	-	10,476	-	
5 Furniture & Fixtures		36,128	-	-	36,128	-	36,128	-	
6 Electric Fittings & Equipments		6,922	-	-	6,922	-	6,922	-	
(E) OUT OF 100% FUNDED GOVERNMENT OF INDIA R & D PROJECTS:									
1 Machinery & Laboratory Equipments		56,511,950	207,680	-	56,719,630	-	27,941,405	27,858,689	
2 Electric Fittings & Equipments		5,226,487	-	-	4,980,541	-	5,226,487	-	
3 Furniture & Fixtures (Project Others)		1,345,199	-	-	1,143,419	-	201,780	201,780	
4 Machinery & Laboratory Equipments (Projects other) - Refer Note 2		6,651,231	-	-	1,468,449	-	5,182,782	5,182,782	
5 Machinery & Equipment -DST Project (Modernisation)		1,133,025	-	-	1,133,025	-	1,133,025	1,133,025	
6 Machinery & Laboratory Equipments (Modernisation)		14,975,404	-	-	14,975,404	-	-	-	
7 Equipment - Dot Government of Maharashtra		8,034,667	-	-	8,034,667	-	8,034,667	8,034,667	
8 KVIC - Equipment		368,600	-	-	368,600	-	368,600	368,600	
9 Machinery & Equipment -RGSTC Project		651,160	-	-	651,160	-	651,160	651,160	
TOTAL RUPEES AS AT 31.03.2022		618,364,624	13,924,787	-	632,289,411	29,462,032	44,209,399	505,124,035	544,818,157
TOTAL RUPEES AS AT 31.03.2021		579,713,989	38,650,635	-	618,364,624	24,492,936	44,084,434	544,818,157	544,818,157

Note 1: The market value of land leasehold and SASMIRA building as on 25.10.2017 is Rs. 148.77 Cr
Note 2: Solar Panel System is put to use from FY 2018-19

For Savant & Co.,
Chartered Accountants
Firm Registration No. 109356W

MUMBAI : RAVINDRA M. SAVANT
24th August 2022 PROPRIETOR
Membership No. 030010

U. K. DAS
SR. ACCOUNTS OFFICER

SMITA A. YEOLE
VICE-PRESIDENT

M. R. MEHTA
PRESIDENT

**THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
FIXED ASSETS OF ISDS - EDUCATIONAL PROGRAMME
SCHEDULE FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022**

**SCHEDULE "C"
PART - II**

SR NO	Fixed Assets	Cost		
		As at 01-04-2021	Of ADDITIONS / TRANSFER	As at 31-3-2022
1	Plant & Machinery	45,539,970	-	45,539,970
2	Computer/ Software	3,835,059	-	3,835,059
3	Library Electrical Fitting & A.C	1,359,247	-	1,359,247
4	Classroom Equipment	1,546,253	-	1,546,253
5	Furnitures & Fixtures- Library Room	1,503,853	-	1,503,853
6	Office Equipment	87,564	-	87,564
7	Furnitures & Fixtures	448,116	-	448,116
Total as at 31.03.2022		54,320,062	-	54,320,062
Total as at 31.03.2021		54,320,062	-	54,320,062

For Savant & Co.,
Chartered Accountants
Firm Registration No. 109356W

MUMBAI :
24th August 2022

RAVINDRA M. SAVANT
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M. R. MEHTA
PRESIDENT

**THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
FIXED ASSETS OF CENTRE OF EXCELLENCE - AGROTEXTILES ACCOUNT
SCHEDULE FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022**

**SCHEDULE "C"
PART - III**

SR NO.	FIXED ASSETS	COST		
		As at 01-04-2021	Of ADDITIONS / TRANSFER	As at 31-3-2022
1	Laboratory Equipments	202,553,073	-	202,553,073
2	Books & Periodicals	3,317,691	-	3,317,691
3	Video Conferencing System	1,584,415	-	1,584,415
4	Server Room	1,382,004	-	1,382,004
5	Projectors	1,821,326	-	1,821,326
6	Audio Video Film	5,850,000	-	5,850,000
7	Demo Center	150,000	-	150,000
8	Demonstration Model	585,000	-	585,000
9	Popup Model	693,000	-	693,000
Total as at 31.03.2022		217,936,509	-	217,936,509
Total as at 31.03.2021		217,936,509	-	217,936,509

For Savant & Co.,
Chartered Accountants
Firm Registration No. 109356W

MUMBAI :
24th August 2022

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M. R. MEHTA
PRESIDENT

**THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
FIXED ASSETS OF POWERLOOM SERVICE CENTRE - I, AT BHIWANDI.
SCHEDULE FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022**

**SCHEDULE "C"
PART - IV**

SR NO	Fixed Assets	Cost			Deductions Impairment of Assets	As at 31-3-2022
		As at 01-04-2021	Of Transfer	Of Additions		
1	Laboratory Equipments	536,044	-	-	-	536,044
2	(a) Laboratory Equipments (MOD / TC)	-	-	-	-	-
	(b) Laboratory Equipments (MOD / MOT)	1,672,690	-	-	-	1,672,690
3	Furniture & Fixtures	-	-	-	-	-
4	Airconditioners	-	-	-	-	-
5	Airconditioners (MOD)	-	-	-	-	-
6	Calculating Machine	-	-	-	-	-
7	(a) Electric Fittings & Equipments	-	-	-	-	-
	(b) Electric Fittings & Equipments (MOD / MOT)	-	-	-	-	-
8	Office Equipments	-	-	-	-	-
9	Assets at ATC					
	(a) Airconditioners	-	-	-	-	-
	(b) Electric Fittings and Equipments	-	-	-	-	-
	(c) Furnitures & Fixtures	-	-	-	-	-
	(d) Office Equipments	-	-	-	-	-
	(e) Laboratory Equipments	-	-	-	-	-
	Total as at 31.03.2022	2,208,734	-	-	-	2,208,734
	Total as at 31.03.2021	8,079,689	-	-	5,870,955	2,208,734

For Savant & Co.,
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24th August 2022

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M. R. MEHTA
PRESIDENT

**THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
FIXED ASSETS OF POWERLOOM SERVICE CENTRE - II, AT BHIWANDI
SCHEDULE FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022**

**SCHEDULE "C"
PART - V**

SR NO	Fixed Assets	Cost			Deductions	As at 31-3-2022
		As at 01-04-2021	Of Transfer	Of Additions	Impairment of Assets	
1	Airconditioners	-	-	-	-	-
2	Airconditioners (MOD/TC)	-	-	-	-	-
3	Calculating Machine	-	-	-	-	-
4	Electric Fittings & Equipments	-	-	-	-	-
5	Furniture & Fixtures (MOD/TC)	-	-	-	-	-
6	Furniture & Fixtures	-	-	-	-	-
7	Office Equipment	-	-	-	-	-
8	Laboratory Equipments (MOD/TC)	-	-	-	-	-
9	Laboratory Equipments	-	-	-	-	-
Total as at 31.03.2022		-	-	-	-	-
Total as at 31.03.2021		1,238,718	-	-	1,238,718	-

For Savant & Co.,
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M. R. MEHTA
PRESIDENT

**THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
FIXED ASSETS OF SASMIRA'S COMPUTER AIDED DESIGN CENTRE, AT BHIWANDI
SCHEDULE FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022**

**SCHEDULE "C"
PART - VI**

SR NO	Fixed Assets	Cost			Deductions	As at 31-3-2022
		As at 01-04-2021	Of Transfer	Of Additions	Impairment of Assets	
1	Air conditioning	-	-	-	-	-
2	Design Computers	-	-	-	-	-
3	Electric Fittings & Equipments	-	-	-	-	-
4	Furniture & Fixtures	-	-	-	-	-
5	Machinery & Equipments	-	-	-	-	-
Total as at 31.03.2022		-	-	-	-	-
Total as at 31.03.2021		4,115,960	-	-	4,115,960	-

**For Savant & Co.,
Chartered Accountants**
Firm Registration No. 109356W

MUMBAI :
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**THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
FIXED ASSETS OF SASMIRA'S CENTRE OF EXCELLENCE- NORTH EAST REGION
SCHEDULE FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022**

**SCHEDULE "C"
PART - VII**

SR NO	Fixed Assets	Cost		
		As at 01-04-2021	Of Additions / Transfer	As at 31-3-2022
1	Distribution of Agrotextile Kit	371,224,478	-	371,224,478
2	Establishment of Demo Centre	54,471,554	-	54,471,554
	Total as at 31.03.2022	425,696,032	-	425,696,032
	Total as at 31.03.2021	425,696,032	-	425,696,032

For Savant & Co.,
Chartered Accountants
Firm Registration No. 109356W

MUMBAI :
24th August 2022

RAVINDRA M. SAVANT
PROPRIETOR
Membership No. 030010

U. K. DAS
SR. ACCOUNTS OFFICER

SMITA A. YEOLE
VICE-PRESIDENT

M. R. MEHTA
PRESIDENT

**THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
FIXED ASSETS OF SASMIRA'S CENTRE OF EXCELLENCE- REST OF INDIA
SCHEDULE FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022**

**SCHEDULE "C"
PART - VIII**

SR NO	Fixed Assets	Cost		
		As at 01-04-2021	Of Additions / Transfer	As at 31-3-2022
1	Distribution of Agrotextile Kit	84,533,154	-	84,533,154
2	Establishment of Demo Centre	9,778,910	-	9,778,910
3	Training Charges	512,000	-	512,000
Total as at 31.03.2022		94,824,064	-	94,824,064
Total as at 31.03.2021		94,824,064	-	94,824,064

For Savant & Co.,
Chartered Accountants
Firm Registration No. 109356W

MUMBAI :
24th August 2022

RAVINDRA M. SAVANT
PROPRIETOR
Membership No. 030010

U. K. DAS
SR. ACCOUNTS OFFICER

SMITA A. YEOLE
VICE-PRESIDENT

M. R. MEHTA
PRESIDENT

THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
SCHEDULE FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2022

SCHEDULE "D"

Particulars	Rs.	Current Year 31-3-2022 Rs.	Previous Year 31-3-2021 Rs.
CURRENT ASSETS, ADVANCES AND DEPOSITS :			
(A) CURRENT ASSETS :			
(a) SUNDRY DEBTORS :			
(Unsecured - Considered Good)			
(i) Debtors & Other Receivables	21,698,872		8,643,546
(ii) Due from Sasmira's Institute of Man made Textile	15,444,436		14,678,633
(iii) Due from Sasmira's Institute Commerce & Science	1,244,271		784,492
(iv) Due from Sasmira's Institute of Management Studies & Research	34,495,754		31,531,311
(v) Due from Sasmira's Business School	13,835,029		8,975,620
(vi) Due from Sasmira's Institute Design & Textiles	1,995,039		-
		88,713,401	64,613,602
(b) CASH AND BANK BALANCES :			
(i) Cash in hand	35,601		13,835
(ii) In Saving Accounts with Schedule Banks	10,904,010		19,575,200
(iii) In Fixed Deposit account with a Scheduled Bank	2,541,627		2,027,864
		13,481,238	21,616,899
(B) ADVANCES AND DEPOSITS :			
(Unsecured - Considered Good)			
(i) Prepaid Expenses	1,302,472		1,304,007
(ii) Advances & Deposits	3,923,935		4,283,523
(iii) Tax Deducted at Source	14,941,929		11,801,845
		20,168,336	17,389,375
Total		122,362,975	103,619,875

For Savant & Co.,
Chartered Accountants
 Firm Registration No. 109356W

MUMBAI :
 24th August 2022

RAVINDRA M. SAVANT
 PROPRIETOR
 Membership No. 030010

U. K. DAS
 SR. ACCOUNTS OFFICER

SMITA A. YEOLE
 VICE-PRESIDENT

M. R. MEHTA
 PRESIDENT

**THE SYNTHETIC AND ART SILK MILLS’ RESEARCH ASSOCIATION
NOTES ON THE BALANCE SHEET AND INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED 31ST MARCH, 2022**

1. SIGNIFICANT ACCOUNTING POLICIES:

i. Fixed Assets:

Fixed Assets are stated at cost.

No depreciation is charged on the assets acquired through the Government CAPEX Grants received by the Association. The CAPEX Grant accounted for during the year is Rs. 8,77,990/-.

During the period, the management completed the identification of impairment of Assets (refer Schedule A and C for Part I).

The council of the Association has identified that in respect of some assets on which no depreciation was charged, the carrying value of the such assets in the books of accounts is more than its realisable value due to obsolescence and damage. Accordingly, assets impaired are written off against the corresponding grants of Rs. 24,88,147/-. There is an impairment effect of Rs. 23,63,183/- same has been adjusted to the general income & expenditure balance in the balance sheet.

As per the last detailed valuation report from certified valuer, the market value of the leasehold land & building under the possession of Association as on 25-10-2017 is Rs.148.77 Cr. The report is available with the association.

ii. Depreciation:

No depreciation is charged on the assets acquired through the Government CAPEX Grants received by the Association. Depreciation has been provided on written down value Basis at the rates prescribed under the Income Tax Act on the other assets of the Association.

iii. Investments:

Investments are stated at cost.

iv. Income & Expenditure:

(a) Grants from Government are accounted for on the basis of amounts received through respective sanction letters.

(b) Expenditure out of the Government Grants is accounted as per the policies and guidelines of Government. Other expenses are accounted for on mercantile basis.

(c) Energy Conservation and Cost saving Efforts:

With view to conserve energy and save cost in the electricity expenses of the Association, in FY 2018-19 a Solar Power Generation Unit for captive consumption was put-to-use. The Association could generate 64,618.70 KwA units during financial year 2021-22, the benefit of which was received to the Association in way of reduction in electricity expenses. The cost of saving is at rate of Rs. 11 (approx) per KwA unit.

v. Interest on Unspent Grant in Aid

The Association confirmed vide Resolution dated 16/08/2017 that interest on Grant in Aid if any shall be accounted as liability in the accounts since such interest is adjusted in subsequent installment of grant or is refundable to the Government as per the government grant sanction letter. Accordingly, during the year, the interest of Rs. 11,87,758 and unspent grant in Aid of Rs. 56,77,689 is repaid back to the Ministry of Textiles and Centre of Excellence (North Easter Region) project is completed.

vi. During the FY 2015-16, the accumulated balance included in the General Income & Expenditure Account was disclosed separately and shown as “Building Corpus Fund” as per the Resolution passed by the Council of Association dt. 15/06/2016. The development of property is now completed and no Interest income is now accumulated on fund recognized as “Building Fund”

2. The Association has been approved by the central government for the purpose of Section 35(1)(ii) of the act for the year ended 31st March 2022. The

Association is approved under Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR) is renewed and valid till March 31, 2024.

3. According to the new amendments in the Finance Act, 2020, Institute has filed Form 10A and received the order in Form 10AC of provisional registration number AAATT4271EE20214 under section 12A of the Income Tax Act on 31.05.2021. Also, the institute has filed Form 10A received the provisional registration number AAATT4271EH20212 under section 35(1)(ii) of the Income Tax Act on 28.03.2022.

4. Recognition of Gratuity & Leave Encashment Liability

a) Association during the year has contributed Rs. 80,50,000/- to the Gratuity Fund of the Association. As per actuarial Valuation Report dated 16th July, 2022 liability for Gratuity for the year ended 31-3-2022, is Rs. 7,19,16,521/- (Previous Year Rs. 6,27,17,645/-) Considering the amount lying with the Gratuity Fund Account there is shortfall of recognition of such liability of Rs. 1,14,62,961/-.

b) As per the agreement entered with the staff, leave encashment on relinquishment of the services of the Association is allowed maximum of 300 days based on last gross salary drawn by the employee. However, no liability was ascertained and accounted by Association till 31/03/2016.

During the year ended on 31/03/2017, Association started recognizing such liability in accounts as Privileged Leave Encashment Benefit Liability. As per actuarial Valuation Report dated 16th July, 2022 for the year ended 31-3-2022, the liability for Leave Encashment is Rs. 4,43,52,328/- (Previous Year Rs. 3,96,28,498/).

c) The concern actuarial Valuation Report dated 16th July, 2022 for ascertaining liability for Gratuity & Leave encashment covers liability for all units except Sasmira’s Institute of Man-Made Textiles.

5. Contingent Liability

Year	Amount of Outstanding Demand	Remark
2010-11	26,88,660	Outstanding demand as per income tax portal
2015-16	1,59,97,640	Outstanding demand as per assessment order
2016-17	18,65,680	Refund Adjusted against the outstanding demand of AY 2010-11.
2017-18	13,24,447	Refund adjusted against outstanding demand of AY 2017-18
Total	2,18,76,427	

The Institute has filed an appeal for all above years and are pending for hearing.

6. During the year the Association has commenced the independent activities of SASMIRA’s Institute of Design and Textiles. Accounts are prepared only for such period in which activities were carried out by SIDT during the year. Accordingly, the expenses of SETP have been not appearing in the SASMIRA accounts.

7. “SASMIRA’s Institute of Man-Made Textiles”, “SASMIRA’s Institute of Management Studies & Research”, “SASMIRA’s Institute of Commerce and Science”, “SASMIRA’s Business School” and “SASMIRA’s Institute of Design & Textiles” are part of this Association for implementing various educational activities even though separate books of accounts have been maintained & statements prepared for ascertaining the true picture of activities carried on by each such Institute.

8. Previous Year’s figures have been regrouped wherever necessary to make them comparable with the current year’s figures.

**For Savant & Co.,
Chartered Accountants
Firm Registration No. 109356W**

**MUMBAI :
24th August 2022**

**RAVINDRA M. SAVANT
PROPRIETOR
Membership No. 030010**

**U. K. DAS
SR. ACCOUNTS OFFICER**

**SMITA A. YEOLE
VICE-PRESIDENT**

**M. R. MEHTA
PRESIDENT**

**THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
CENTRE OF EXCELLENCE - AGROTEXTILES ACCOUNT
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2022**

NO. II

SR NO.	Expenditure	Current Year 31-3-2022 Amount (Rs)	Previous Year 31-3-2021 Amount (Rs)	SR NO.	Income	Current Year 31-3-2022 Amount (Rs)	Previous Year 31-3-2021 Amount (Rs)
1	Salaries	17,027,184	32,243,238	9	Testing Fees	3,241,870	237,250
2	Bank Charges	170	66	10	Income from Training	-	255,000
3	Repairs & Maintenance :-			11	Excess Of Expenditure over Income transferred to General Income & Expenditure Account	15,008,392	32,582,518
	i. General Maintenance	-	20,900				
	ii. Computer Maintenance	23,324	-				
	iii. Electric Maintenance	22,500	-				
		45,824	20,900				
4	Printing Stationery & Postage	-	19,900				
5	Laboratory Expenses	515,311	566,015				
6	Accrediation Expenses	649,773	223,801				
7	Training Expenses	12,000	-				
8	Conveyance Charges	-	848				
	TOTAL	18,250,262	33,074,768		TOTAL	18,250,262	33,074,768

As per our Report of even date.,

**For Savant & Co.,
Chartered Accountants**
Firm Registration No. 109356W

MUMBAI :
24th August 2022

RAVINDRA M. SAVANT
PROPRIETOR
Membership No. 030010

U. K. DAS
SR. ACCOUNTS OFFICER

SMITA A. YEOLE
VICE-PRESIDENT

M. R. MEHTA
PRESIDENT

THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
100% FUNDED GOVERNMENT OF INDIA PROJECT ACCOUNT
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2022

NO. III

SR NO.	Expenditure	Current Year	Previous Year	SR NO.	Income	Current Year	Previous Year
		31-3-2022	31-3-2021			31-3-2022	31-3-2021
		Amount (Rs)	Amount (Rs)			Amount (Rs)	Amount (Rs)
1	Biotransformation of naturally occurring phenolic compounds for development of eco-friendly Flame Retardants for imparting	477,500	-	14	Grant In Aid	-	-
2	Biological Synthesis of Bio-degradable Textile Polymer	482,000	720	15	Excess of Expenditure Over Income transferred to General Income & Expenditure Account	6,284,700	142,287
3	Design and Development of an Instrumental set up for measuring the wind blockage percentage of Horticulture wind break nets	421,250	9,971				
4	Development of Biodegradable Agro textile products for Horticulture Application using Keratin based Waste Products	432,000	-				
5	Design & Development of low cost reusable sanitary pads for Indian women	738,121	32,689				
6	Development of High Strength Cost effective Seamless Technical Circular Fabric from Heavy Denier Multifilament Yarns.	558,818	-				
7	Design & Development of a Digital Instrument for Measuring the Thermoregulatory Properties of Textiles.	864,370	33,129				
8	Development of Next Generation Thermochromatic Thermoregulatory Agrotexile for Horticulture Application	413,800	-				
9	Development of Multi Shade Net for Water Harvesting	-	60,000				
10	Smart shade-net through auto-regulation of Thermaland Light Radiation	597,649	-				
11	Establishment of Methodlogy for green Processing of Cotton using Supercritical Carbon Dioxide Techology	647,250	-				
12	Expenses for PP Jute Hybrid Mulch Mat Horticulture Application	651,942	278				
13	Development of Multilayer Bio-Mat to Combat Oil Spill Pollution	-	5,500				
TOTAL		6,284,700	142,287	TOTAL		6,284,700	142,287

As per our Report of even date.,

For Savant & Co.,
Chartered Accountants
 Firm Registration No. 109356W

MUMBAI :
 24th August 2022

RAVINDRA M. SAVANT
PROPRIETOR
 Membership No. 030010

U. K. DAS
SR. ACCOUNTS OFFICER

SMITA A. YEOLE
VICE-PRESIDENT

M. R. MEHTA
PRESIDENT

THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
SASMIRA'S REGIONAL POWERLOOM SERVICE CENTRE - I AT BHIWANDI
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2022

NO. IV

SR NO.	Expenditure	Current Year 31-3-2022 Amount (Rs)	Previous Year 31-3-2021 Amount (Rs)	SR NO.	Income	Current Year 31-3-2022 Amount (Rs)	Previous Year 31-3-2021 Amount (Rs)
1	Salary	2,339,848	2,367,868	11	Testing & Technical Service charges	552,840	451,250
2	Contribution to P.F.	256,858	229,938	12	Recurring Grant-in-Aid from Government of India	1,700,000	1,700,000
3	Staff Welfare Expenses	34,640	11,340	13	Miscellaneous Income	8,000	-
4	Rent	600,000	600,000	14	Excess of Expenditure Over Income transferred to General Income & Expenditure Account	1,181,973	1,235,421
5	Laboratory Expense	5,069	8,212				
6	Power, Fuel & Water	65,862	54,173				
7	Printing, Stationery, Postage, Telegram and Telephone Charges	12,405	9,390				
8	Conveyance, Traveling and Transportation Charges	2,301	3,067				
9	Repairs & Maintenance :						
	Building	29,484	24,911				
	Machinery & Lab. Equipment	68,160	68,160				
	Others	12,786	8,288				
		110,430	101,359				
10	Miscellaneous Expenses	15,400	1,324				
	TOTAL	3,442,813	3,386,671		TOTAL	3,442,813	3,386,671

As per our Report of even date.,

For Savant & Co.,
Chartered Accountants
 Firm Registration No. 109356W

MUMBAI :
 24th August 2022

RAVINDRA M. SAVANT
PROPRIETOR
 Membership No. 030010

U. K. DAS
SR. ACCOUNTS OFFICER

SMITA A. YEOLE
VICE-PRESIDENT

M. R. MEHTA
PRESIDENT

THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
SASMIRA'S REGIONAL POWERLOOM SERVICE CENTRE - II AT BHIWANDI
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2022

NO. V

SR NO.	Expenditure	Current Year 31-3-2022 Amount (Rs)	Previous Year 31-3-2021 Amount (Rs)	SR NO.	Income	Current Year 31-3-2022 Amount (Rs)	Previous Year 31-3-2021 Amount (Rs)
1	Salaries	2,056,835	2,226,149	9	Testing & Technical Service Charges	140,010	109,270
2	Contribution to P.F.	230,307	225,486	10	Recurring Grant - In - Aid from Government of India	1,700,000	1,700,000
3	Staff Welfare Expenses	26,965	6,570	11	Excess of Expenditure Over Income transferred to General Income & Expenditure Account	632,874	804,784
4	Rent	102,000	102,000				
5	Laboratory Expenses	-	861				
6	Power, Fuel & Water	2,866	1,487				
7	Printing, Stationery, Postage and Telegram Charges	5,191	5,181				
8	Repairs & Maintenance :						
	Building	14,400	12,000				
	Machinery & Lab.Equipment	34,320	34,320				
		48,720					
	TOTAL	2,472,884	2,614,054		TOTAL	2,472,884	2,614,054

As per our Report of even date.,

For Savant & Co.,
Chartered Accountants
 Firm Registration No. 109356W

MUMBAI :
 24th August 2022

RAVINDRA M. SAVANT
 PROPRIETOR
 Membership No. 030010

U. K. DAS
 SR. ACCOUNTS OFFICER

SMITA A. YEOLE
 VICE-PRESIDENT

M. R. MEHTA
 PRESIDENT

**THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION
SCHEME FOR PROMOTING USAGE OF AGROTEXTILE IN NER
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2022**

NO. VI

SR NO.	Expenditure	Current Year 31-3-2022 Amount (Rs)	Previous Year 31-3-2021 Amount (Rs)	SR NO.	Income	Current Year 31-3-2022 Amount (Rs)	Previous Year 31-3-2021 Amount (Rs)
1	Administrative Expenses	30,833	1,366,778	2	Grant In Aid	-	1,366,778
				3	Excess of Expenditure over Income transferred to General Income & Expenditure Account	30,833	-
	TOTAL	30,833	1,366,778		TOTAL	30,833	1,366,778

As per our Report of even date.,

For Savant & Co.,
Chartered Accountants
Firm Registration No. 109356W

MUMBAI :
24th August 2022

RAVINDRA M. SAVANT
PROPRIETOR
Membership No. 030010

U. K. DAS
SR. ACCOUNTS OFFICER

SMITA A. YEOLE
VICE-PRESIDENT

M. R. MEHTA
PRESIDENT

APPENDIX-I

PROCEEDINGS OF THE SEVENTY-FIRST ANNUAL GENERAL MEETING OF THE MEMBERS OF THE SYNTHETIC & ART SILK MILLS' RESEARCH ASSOCIATION HELD ON 6TH OCTOBER, 2021

The Seventy-first Annual General Meeting of the Members of the Synthetic & Art Silk Mills' Research Association was held on Wednesday, the 6th October, 2021 at 11.00 a.m. at Sasmira, Sasmira Marg, Worli, Mumbai 400 030.

As there was no quorum, as per Rule No. 54 of the Rules and Regulations of the Association, the meeting was adjourned to 11.30 a.m.

The adjourned meeting was held at 11.30 a.m., when 11 members were present (Annex-1), which was presided by Shri Maganlal H. Doshi.

1. Shri Sushil D. Bagade, Secretary read the notice convening the Seventy-First Annual General Meeting of the Association.
2. The Chairman thereafter addressed the meeting and presented the Audited Balance Sheet and Income and

Expenditure Account of the Association for the year ended 31st March, 2021 and invited discussion on the subject. He asked the members whether they have any queries. As there were no queries, the Chairman put the following resolution to vote which was seconded by Shri Bharat H. Mehta and was carried out unanimously.

“RESOLVED that the Report of the Council and the Audited Balance Sheet and Income and Expenditure Account of the Association for the year ended 31st March, 2021 be and are hereby adopted.”

3. As per the request of the Chairman, Shri Mihir R. Mehta, Vice-President read out the names of the candidates who have submitted valid nominations for the election to the Council along with the names of the proposer and seconder which are as follows :

S.No	Name of the Candidate	Proposed by	Seconded by
1.	Shri Mihir R. Mehta New Mahalaxmi Silk Mills Pvt. Ltd., Mumbai.	Shri B.S. Parekh Bharat Velours, Mumbai.	Mrs. Smita A. Yeole Oriental Weaving & Processing Mills P. Ltd., Navi Mumbai.
2.	Shri Dinesh V. Radia D.V. Industries Mumbai.	Shri Bharat H. Mehta Jyoti Silk Mills, Mumbai.	Shri B.S. Parekh Bharat Velours, Mumbai.
3.	Mrs. Hemal Udani Vyshali Bleaching Co. Ltd. Mumbai.	Shri Bharat H. Mehta Jyoti Silk Mills, Mumbai.	Shri Viresh Kamdar Shakti Silk Mills Mumbai.
4.	Shri V.I. Bachkaniwala Vasant Weaving Factory, Surat.	Shri Viresh Kamdar Shakti Silk Mills Mumbai.	Shri Bharat H. Mehta Jyoti Silk Mills, Mumbai.
5.	Shri Bharat T. Gandhi Batsons Textiles, Surat.	Shri B.S. Parekh Bharat Velours, Mumbai.	Mrs. Smita A. Yeole Oriental Weaving & Processing Mills P. Ltd., Navi Mumbai.
6.	Shri Dineshchandra S. Zaveri Zaveri Textiles, Surat.	Shri B.S. Parekh Bharat Velours, Mumbai.	Shri Viresh Kamdar Shakti Silk Mills Mumbai.
7.	Shri Rajiv Ip Poddar The Calcutta Silk Mfg. Coy. Ltd., Kolkata.	Mrs. Smita A. Yeole Oriental Weaving & Processing Mills P. Ltd., Navi Mumbai.	Shri B.S. Parekh Bharat Velours, Mumbai.

And informed the members that since there were only Seven candidates for the Seven seats in the Council, all the Seven candidates were declared elected.

4. Chairman proposed the following Resolution for re-appointment of M/s. Savant & Co., Auditors for the year 2021-22 and this was seconded by Shri Viresh Kamdar which was carried out unanimously :

“RESOLVED that M/s. Savant & Co., be and are hereby re-appointed as Auditors of the Association for the year 2021-22 on a remuneration of Rs. 3,00,000/- per annum.”

The meeting ended with vote of thanks to the Chair.

ANNEXURE-I

Attendance List of Members at the 71st AGM held on 06.10.2021

SI No.	Name of the company	Authorised Representative
1	Eldee Velvet & Industries Ltd	Shri Maganlal H. Doshi
2	New Mahalaxmi Silk Mills Pvt. Ltd.	Shri Mihir R. Mehta
3	D.V. Industries	Shri Dinesh V. Radia
4	Bharat Velours	Shri B.S. Parekh
5	Haren Textiles	Shri Gokul Mehta
6	Batsons Textiles	Shri Bharat T. Gandhi
7	Universal Knitting Mills P. Ltd	Shri Kaval Mehra
8	Shakti Silk Mills	Shri Viresh Kamdar
9	Oriental Weaving & Processing Mills Pvt. Ltd.	Mrs. Smita A. Yeole
10	Jyoti Silk Mills	Shri Bharat H. Mehta
11	Vyshali Bleaching Co. Ltd.	Mrs. Hemal P. Udani

APPENDIX-II

SPEECH OF SHRI MAGANLAL H. DOSHI, PRESIDENT, SASMIRA AT THE 71ST ANNUAL GENERAL MEETING

Friends,

I have great pleasure in welcoming you all to the 71st Annual General Meeting of our Association. Friends, I hope all is well with everyone, specifically with our brethren in the Textile Sector, the sector which contributes 2.3 per cent to India's GDP, 7 per cent of the total industrial output, 12 per cent to the export earnings and employs more than 45 million people directly.

The Pandemic has had a turning point in the lifestyle of many people. As new Covid-19 infections in the country decline, migrant workers have started returning in droves to the textile exporting hubs in Tamil Nadu and Uttar Pradesh, bringing cheer to the industry which is seeing a 25-30% increase in export orders from the previous year according to a report by rating agency ICRA. With most of the population being fully vaccinated and the festive season nearing, the sector is in a buoyant mode and may reach its past glory.

According to the ICRA report, "for the past three quarters, sales for the sample set have averaged 25-40 per cent higher than the three-year average for the pre-Covid period. Home textile exports was one of the first few textile segments to recover from the impact of the pandemic last fiscal, with companies reverting to year-on-year growth from second quarter of 2021 itself and reporting three consecutive quarters of double-digit growth thereafter."

The export demand was mainly driven by the US, the largest market, accounting for 60 per cent of India's home textile exports. Compared to a 9 per cent increase in India's home textile product exports of \$5.7 billion in FY2021, exports to the US increased by 14 per cent, while exports to the other major markets of the UK and the EU reported a year-on-year decline during the year. Talking of the last year, the top three textile exporters were China, EU-28, and India and together they accounted for 66.9 per cent of the world textile exports. In terms of textile imports, the top two importers namely the US and EU-28 together accounted for 31.2 percent of world textile imports in 2019. Vietnam emerged as the third largest textile importer.

The newly appointed Textile Minister, Mr. Piyush Goyal was heard saying "I have settled for 44 billion this year. Domestic production has to grow to \$250 billion. It is very much doable," while referring to the fact that the sector will achieve \$44 billion exports target in FY22, and in the next five years, both the ministry and the industry have agreed to aim for \$100 billion outbound shipments.

The government has extended the Rebate of State and Central taxes and Levies (RoSCTL) scheme till March 2024. It will refund all embedded taxes and make our products globally competitive. The scheme will go a long way in bringing back positive sentiments and helping the Indian textile value chain attain \$100 billion annual exports in next three years. The move will also help in the recovery of textile export, which fell to USD 29 billion in FY21 from USD 34 billion in FY20, reversing the trend to

generate employment, drive growth Capex, and earn foreign exchange for the country.

The textiles sector has witnessed a spurt in investment during the last five years. The industry (including dyed and printed) attracted Foreign Direct Investment (FDI) worth US\$ 3.75 billion from April 2000 to March 2021.

Friends, The Union Cabinet has approved a PLI Scheme for Textiles for MMF Apparel, MMF Fabrics & 10 segments/products of Technical Textiles with a budgetary outlay of Rs 10,683 crores over the next five years. In this Product Linked Incentive scheme, part of 13 identified sectors, some of which have already been approved by the Union Cabinet, is expected to boost manufacturing activities, add jobs and help scale up textile exports. This scheme focuses on production of man-made fibre and technical textiles and is crucial in achieving self-reliance in the sector, while cutting down imports.

India imported fibre worth US\$ 2,382 million in 2019-20, which has grown at a CAGR of 16% since 2015-16. Overall imports of man-made staple fibre (MMSF) has grown at a CAGR of 9%. India's total spun yarn production was 5,713 million kg in 2019-20. Polyester filament yarn (PFY) production has grown at a CAGR of 5% since 2015-16. India imported US\$ 1,285 million worth of yarn in 2019-20. India's imports of viscose filament yarn saw a sharp rise between 2015-16 and 2019-20 at a CAGR of 29%. Fabric production in India stood at 7,436 million sq. mtr, which has grown at 2% CAGR in the past five years. The production of fabric from decentralized sector has also grown at a CAGR of 5%, while production of mill sector has decreased at 3% CAGR. Fabric imported by India in year 2019-20 worth US\$ 2,324 million. Imports of knitted fabric and synthetic woven fabric have increased at 12% and 5% respectively since 2015-16.

SASMIRA is equipped to cater to the ever increasing demand for quality products by strengthening its core activity of Research and Product Certification. Friends, SASMIRA has started commercial testing of microbiological testing of food, testing of toys, leather, water quality and Hazardous Chemical Testing beyond the already exhaustive testing of mechanical, chemical and biological testing of textiles which has become very important in these times.

SASMIRA laboratories are now also the Proficiency Testing Providers (PTP) accredited by NABL as per ISO/IEC 17043 for Mechanical, Chemical and Biological parameters for textiles. Friends, our laboratories are the only PTP providers in India for Biological Testing of Textiles. I invite all member laboratories to participate in our PTP program to assess the competence of your laboratory.

SASMIRA Research and Development wing is currently working on two projects 1) "Development of High Performance Hail Protection Net for Agriculture / Horticulture Application" sponsored by Department of Science and Technology (DST) and 2) "Adult Incontinence Products" sponsored by Rajiv Gandhi

Science and Technology Commission (RGSTC) affiliated to Government of Maharashtra. Another two projects are in final stages of scrutiny and approval one each from the DST and RGSTC. Besides there are few more project proposals which have been submitted and are under consideration.

The R&D Team has put up proposals under the National Technical Textile Mission (NTTM) Scheme of Ministry of Textiles. The projects are 1) Development of Energy Responsive Agrotexile for low cost opportunities to grow off-season vegetable/fruits, 2) Development of a sustainable regenerated cellulosic based Agrotexile for Agriculture/Horticulture Application and 3) Development of Climate specific Agrotexiles for enhanced Agricultural/Horticultural productivity.

The department still awaits funds to conclude the projects viz.,: Biological Synthesis of Bio-degradable Textile Polymer, Development of Biodegradable Agrotexile products for Horticulture Application using Keratin based Waste Products, Biotransformation of naturally occurring phenolic compounds for development of eco-friendly Flame Retardants for imparting functionality to textiles, Smart Shade-net Through auto-regulation of Thermal and Light Radiation, Development of Multi-Purpose Shade Net for Water Harvesting, Design and development of an instrumental set up for measuring the wind blockage percentage of horticultural wind break nets, PP/Jute Hybrid Mulch Mat for Moisture and Temperature Management in Horticulture Application, Establishment of Methodology for Green Processing of Cotton using Supercritical Carbon Dioxide Technology, development of Next Generation Thermochromatic Thermoregulatory Agrotexiles for Horticulture Application, Design and Development of Low Cost Reusable Sanitary Pads for Indian Women, Development of High Strength Cost effective Seamless Technical Circular Fabric from Heavy Denier Multifilament Yarns, Design and Development of a Digital Instrument for Measuring the Thermoregulatory Properties of Textiles.

As I had anticipated last year about securing more patents, I am pleased to share that SASMIRA has received Two Patents this year for Method for Enhancing Electrical Conductivity of Polyester (PET) and Textile Based Multilayered Bio-Mat For Combating Oil Spill Pollution. Besides, the Team has filed seven more patents which are in the course of approvals as per the Indian Patent Offices rules and regulations.

The Centre of Excellence is making progress with respect to incubation, training and certification. The industry is regularly sourcing the Shade-o-meter which has been designed and developed by SASMIRA.

Friends, I take this opportunity to invite each of my fellow member to visit SASMIRA and appraise oneself of the activities of the organization and take full advantage of the facilities and experience of the Research Team while guiding them for the betterment of the Industry.

We ensure delivering quality education in management through our flagship program, Masters of Management Studies (MMS), affiliated to the University of Mumbai at SIMSR. It gives feeling of pride to share that SIMSR received multiple grants from Government to organize programmes under various schemes of AICTE.

SIMSR received grant from AICTE to organize National E-Conference on "Technology, Innovation and Entrepreneurship: Recent Trends and Practices". The Chief Guest for the conference was Dr. Ravindra Kulkarni – Pro Vice Chancellor, University of Mumbai.

The Short Term Training Programme (STTP/FDP) funded by AICTE on the topic 'Emphasizing Morals, Values, Ethics and Behavioral Science in Teaching' was planned in Four Phases, which received an overwhelming response of more than 700 registrations. Speakers from all over the country and abroad led the sessions through their insights and experiences.

SIMSR also received grant for conducting program for SC/ ST students for 3 years under KAUSHAL - The Skill and Personality Development Programs Center, set up for SC/ST students under the scheme of AICTE.

SIMSR is a Research Centre for Ph.D Degree approved and recognized by the University of Mumbai and SNDT University. We are also the facilitation centre for Shobhit University.

Global pandemic has restricted the physical movement but has not succeeded in restricting our zeal to excel. To move with the latest development in the industry, guest lectures from industry experts and alumni are arranged on regular basis through online mode. Students are given opportunity to interact with the leaders from various industries through these lectures. Further, activities like Covid Warrior Award, World Plantation Day, Women's Day, Induction Programme, Orientation Session on NISP, helps student's all round development.

We, at SIMSR, enrich our students with the industry etiquettes, making them ready to compete in future. Even in the testing times of the pandemic our students were placed in their final placement and for the summer internship This year some notable brands like Britannia, Wipro, Homesfy, HFFC, Worldquant, JM Financials, HDFC Bank, IndusInd Bank, ICICI Bank, Godrej Industries, ITC, Berger Paints, Flipkart, Amul India, Aditya Birla Capital Ltd took part in our summer internship. The highest package bagged by our student is 12.00 Lacs/ annum, which was offered by Property Pistol and average package has been Rs. 4.00 Lacs / annum.

The year started on a challenging note as the entire country went down in lockdown but we at SBS prepared its path to deal with the crisis and completed another academic year successfully. The institute admitted full intake of 120 students for its flagship programme- Post Graduate Diploma in Management (PGDM) affiliated with All Indian Council of Technical Education(AICTE) for the academic year 2020-21.

SBS marked another year with various competitions, celebrations, activities but with a new outlook. Going with the new normal and following the COVID19 protocols and norms, we clearly demonstrated that we are a resilient and a continual learning organization.

Placements- SBS students have got final placement and are working with some renowned companies, to name a few Berger Paints, ITC, ICICI Bank, HDFC Bank, Edelweiss Broking Ltd., Motilal Oswal, Meril Life Sciences, Citigroup, etc. The highest package offered in PGDM is Rs.7.8 lakhs p.a. and the average salary package is Rs. 4.20 lacs p. a.

To enhance the skills of our students and teachers SICS has

signed 14 different MOU's with professional institutions, to give our students a chance to develop their knowledge and skills and enable them to be job ready. Few MOU's were also signed with NGO's to give a chance to our students to contribute to the society with their skills in communication, marketing and other fields to benefit the NGO's.

In order to encourage our faculties we continuously conduct workshops and Faculty Development Programs for enhancing their teaching and research abilities. The faculty have attended several online training and FDP's during the lock down period.

In the current year Sasmira's Institute of Man-Made Textiles (SIMMT) implemented "outcome based curriculum" to all I to VI semesters. Under this curriculum, the students are going for a full-fledged industrial training during their entire sixth semester.

Due to Covid – 19 all the classes and examinations were conducted in online mode.

During the year various co-curricular and extra-curricular activities were conducted like National Voters Day Celebration, Vachan Prerna Din Celebration, Independence Day, Republic Day, Constitution Day Celebration.

SIMMT undertook "School Connect Program" to promote admissions in which more than 50 schools were contacted and data of around 5000 prospective students gathered. Number of seminars and webinars were conducted for admission promotion.

SIMMT received Equivalence from MSBTE to its Diploma courses for the years from 2018–19 to 2020–21.

Sasmira's Education & Training Program (SETP) Department is established to support the textile and allied industries by providing well trained manpower as per their need. The training programs are divided into three major categories viz. Fashion Designing, Textile Designing and Apparel Merchandising.

The department is affiliated with University of Mumbai's GICED for full time UG and PG Diploma courses and conducting the last year of B. Sc. Degree in Fashion Designing from YCMOU (Yaswantrao Chavan Maharashtra Open University). In addition, fulltime & part time diploma courses in Fashion Designing and short duration Diploma Courses in Apparel Merchandising as well as Wet Processing, Weaving and Advance Training in Computer Aided Textile Design is also conducted under this department. During this year altogether 15 batches were conducted including full time and part time courses.

Junior's Fashion Week: SASMIRA have taken part in the Junior's Fashion Week which was conducted at Westin Hotel, Goregaon, as Institute partner on 6th February 2021. Our students have worked there as backstage helper.

In view of the on-going demands of various courses in Design & Textiles, SETP have proposed to initiate SASMIRA'S INSTITUTE OF DESIGN & TEXTILES (SIDT), a complete institute to meet the demand of courses in various fields of Design & Textiles.

SETP, SASMIRA had collaborated with University of Mumbai's GICED for Bachelor of Design – Fashion Design and Bachelor of Design – Textile Design. Sasmira is the only Institute having these University of Mumbai – GICED degrees in Maharashtra for upcoming A. Y. 2021-22 and this year, they have signed a MoU with Istituto Italiano Design (IID- Italy) for Master Diploma in Fashion Design, Fashion Management and short course in Fashion Design for upcoming A. Y. 2021-22.

Friends, while giving you my understanding about the achievements and diverse activities of SASMIRA, I must inform you the status of our growth and development of infrastructure facilities. You all are aware that we had started our new building quite some time back and although we had difficulties in the past as well as prevailing Covid-19 pandemic situation, we have successfully completed our new building and today I am extremely happy to inform you that we have received the Occupation Certification (OC) for the new building. I expressed my sincere thanks to all of you for your patience and support. It is needless to mention that now we are ready to go ahead with further expansion of our activities and dreams.

Friends, I would like to bring to your notice that with enhanced infrastructure and acquired competence in the areas of the Education, Council is actively considering further betterment in the academic field as well as international collaborative educational programmes. I look forward to your suggestions and inputs for the same.

I thank all my colleagues on the Council for their continuous support and immense encouragement. The confidence and faith reposed by the Council and the Management team has, in my view, spurred the Organization to take on more challenges. I have special words to acknowledge the collective efforts of the entire team, working tirelessly for creating and sustaining a world-class research organization.

I would also like place on record the support from the various Government and Non-Government Organizations particularly to mention the officials from Ministry of Textiles, Government of India, Department of Textiles, Government of Maharashtra, Directorate of Technical Education (DTE), Government of Maharashtra, All India Council for Technical Education (AICTE), Government of India, Officials from Municipal Corporation of Greater Mumbai (MCGM) and Mumbai Metro Rail Corporation Limited (MMRCL).

The accounts for the year 2020-2021 have been in your hands and since there are no queries, I present to you the Council's Annual Report and Balance Sheet for the year ended 31st March, 2021 and moves the same to be adopted.

"Resolved that the 71st Annual Report of the Council and Audited Balance Sheet and Income and Expenditure account of the Association for the year ended 31st March, 2021 be and are hereby adopted".

Mumbai,

Date: 6th October 2021.

APPENDIX-III

MEMBERS LIST AS ON 31/03/2022

ORDINARY MEMBERS

- 1 **M/s. A.N. Textiles**
901 Shree Apts, Makkai Pool, Navpura, Surat 395 001.
- 2 **M/s. Amritlal Hiralal Gonwala**
Shop No.513-514, Jash Textile Market, Ring Road,
Surat 395 002.3
- 3 **M/s. Anita Textiles**
Plot No. 102/103, Phase-III, Parvati Co-op. Industrial Estate,
Yadrav, Kolhapur – 416145.
- 4 **M/s. B.M.K. Industries Pvt. Ltd.**
Ujamvilas, Azadnagar Society,
Gulmohar Road, Vile Parle (W), Mumbai – 400 056.
- 5 **M/s. Beekalene Fabrics Ltd.**
Beekalene House, 47, Central Road, MIDC,
Andheri (E), Mumbai – 400 093.
- 6 **Batsons Textiles**
A/6, Plot No. 4-5-6, Central Road No. 5, Udyognagar,
Udhna, Surat-394210, Gujarat, India.
- 7 **M/s. Bell Textiles Pvt. Ltd.**
A/6, Plot No.4-5-6 Central Road,
No.5, Udhyanagar, Udhna, Surat 394 210.
- 8 **M/s. Bharat Velours**
304, Prabhu Kutir, 15, Altamont Road, Mumbai 400 002.
- 9 **M/s. Colourtex Industries Pvt. Ltd.**
Survey No. 80, Bhestan, Plot No.158/3, Behind Fire Stn,
GIDC, Pandesara, Surat.
- 10 **M/s. Chandni Textiles Engineering Industries Ltd.**
110, TV Indl. Estate, 52, S.K. Ahire Marg, Worli,
Mumbai 400 030.
- 11 **M/s. CTM Technical Textiles Ltd.**
205, New Cloth Market, Raipur,
Ahmedabad – 380 002 Gujarat
- 12 **M/s. D.V. Industries**
367-A, Kalbadevi Road, Opp. Ganco Opticians,
Mumbai 400 002.
- 13 **M/s. Dicitex Furnishings Ltd.**
Palmcourt Complex, M Bldg, B Wing, 2nd fl Malad Link Rd,
Malad (W), Mumbai 400 064.
- 14 **M/s. Dhanlaxmi Fabrics Ltd.**
Bhopar Village, Manpada Road, Dombivli East,
Thane Dist.
- 15 **M/s. Dodhia Synthetics Ltd.**
Dodhia House,98/2 New Mavji Compound, Bh.Ratan Talkies,
Narpoli, Bhiwandi, Dist.Thane 421 302.
- 16 **M/s. Dhaval Fabrics Pvt. Ltd.**
1, Madhav Estate, Nr.Muktidham Ind.Estate,
Nikol Village Road, Nikol, Ahmedabad 382350
- 17 **M/s. Eldee Velvet & Industries Ltd.**
Echjay House, 31A Carmaichael Road, Mumbai – 400 026.
- 18 **M/s. Gebilal Bhaidas Marfatia**
A/28, Plot No.5,Opp. Road No.7, M.G. Road,
Udhna, Surat 394 210
- 19 **M/s. Fineotex Chemical Limited**
42 & 43, Manorama Chambers, S.V. Road, Bandra – 400 050.
- 20 **M/s. Garden Silk Mills Ltd.**
First Floor, Tulsi Krupa Arcade,
Puna-Kumbharia Road, Dumbhal, Surat 395 010.
- 21 **M/s. Ginza Industries Ltd.**
A-501, Lotus Corporate Park, Jai-Coach Lane,
Goregaon (East), Mumbai-400 063.
- 22 **M/s. Harshad Textile Mills Pvt. Ltd.**
C/o. Sadhana Textile Mills P Ltd, 578/570 P B Marg,
Worli, Mumbai 400 018
- 23 **M/s. Hind Weaving Works**
2/1009, Sakrampura, Main Road, Surat.
- 24 **M/s. Hrishikesh Industrial Fabrics Pvt. Ltd.**
18A, Shivam Estate, N-70, MIDC, Subash Lane,
Malad E, Mumbai 400 097.
- 25 **M/s. Haren Textiles Pvt. Ltd.**
Opp. Civil Aviation Dept., Before Dahisar Check Naka,
Western Exp. Highway, Dahisar East, Mumbai 400 068.
- 26 **M/s. Jagdamba Fabrics Wvg. Works**
Jagdamba House, Next to Anupam Cinema Perubaug,
Goregaon East, Mumbai 400 063
- 27 **M/s. Jyoti Silk Mills**
Bhangwadi Shopping Arcade, Shop No.3,
Kalbadevi Road, Mumbai 400 002
- 28 **M/s. Ken Enterprises Pvt. Ltd.**
9/621, Industrial Estate, Near Kalyan Kendra, Parvati
Industrial Estate, Ichalkaranji – 416 115
Tal. Hatkanangle, Dist. Kolhapur.

- 29 **M/s. Kesari Synthetics Ltd.**
224 Kalbadevi Road, 1st floor, Mumbai 400 002.
- 30 **M/s. Khosla Profil Pvt. Ltd.**
2, Laxmi Tower, 6th Floor, A-Wing, Behind ICICI Bank, Bandra-Kurla Complex, Bandra (E), Mumbai 400 051.
- 31 **M/s. Kusumgar Corporates Pvt. Ltd.**
101/102 Manjushree, V.M.Rd, Corner of N.S.Road 5 JVPD Scheme, Vile Parle W, Mumbai 400 056
- 32 **M/s. Lala Textiles Traders**
29 Hafsanali, Bhiwandi 421 303, Dist. Thane
- 33 **M/s. Madhuram Fabrics Pvt. Ltd.**
120 Shanta Ind. Estate, I.B. Patel Road, Goregaon East, Mumbai 400 063
- 34 **M/s. Mahendra Lallubhai Rotaliwala**
Udhna Magdalla Rd, Near Old Octroi Office, Surat.
- 35 **M/s. Maruti Textiles Pvt. Ltd.**
Plot No. 268- 270 GIDC, Pandesara, Surat 394 221
- 36 **M/s. Mahajan Silk Mills**
LBS Marg, Vikhroli, Mumbai 400 079
- 37 **M/s. Nirant Silk Fabrics**
Survey No.165, Shreeram Ind. Coop. Services Soc. Ltd. Magdalla Road, Udhana, Surat – 395 007.
- 38 **M/s. The New Mahalaxmi Silk Mills Ltd.**
Mathurdas Mills Compound, Lower Parel, N.M. Joshi Marg, Mumbai – 400 013.
- 39 **M/s. Om Pile Private Limited**
A-1/ 1506, Panoli Industrial Estate, GIDC, Panoli, Ankleswhar Dist, Bharuch , Gujarat – 394 116.
- 40 **M/s. Oriental Weaving & Processing Mills P. Ltd.**
D-64, T.T.C. Indl. Area, MIDC, Turbhe, Navi Mumbai 400 705.
- 41 **M/s. Paragon Textile Mills Pvt. Ltd.**
1/11-12, Paragon Condominium, P.B. Marg, Mumbai 400 013
- 42 **M/s. Pal Synthetics Ltd.**
41, Pal House, Marol Coop Indl Estate, Andheri Kurla Rd, Andheri E, Mumbai 400 059
- 43 **M/s. Pioneer Embroideries Ltd.**
Unit No.21 to 25 2nd floor, Orient House, 3-A Udyog Nagar, Off. S.V.Road, Goregaon W, Mumbai 400 062
- 44 **M/s. Polyfab**
1/58-59, Dhiraj Pen Compound, Andheri-Kurla Road, J.B.Nagar, Near Sangam, Andheri E, Mumbai 400 059
- 45 **M/s. Purity Textiles Pvt. Ltd.**
2B, Laxmi Towers 8th fl, B Wing, Behind ICICI Bank, Bandra-Kurla complex, Bandra E, Mumbai 400 051
- 46 **M/s. Polynova Industries Ltd.**
159, CST Road, Kalina, Santacruz East, Mumbai 400 098
- 47 **M/s. Ridham Synthetics Pvt. Ltd.**
Laxmi Woollen Mills Comp., Shakti Mills Lane, Dr E. Moses Rd, Mahalaxmi, Mumbai 400 011.
- 48 **M/s. Reliance Industries Ltd.**
Reliance Corporate Park, 8B, 1st Floor, Cabin No.18, Thane Belapur Road, Ghansoli, Navi Mumbai-400 701.
- 49 **M/s. Radhaballabh Silk Mills P. Ltd**
Plot No.6, Shyam Nagar, Majas Village, Jogeswari E, Mumbai 400 060
- 50 **M/s. The Ruby Mills Ltd**
Ruby House, J.K.Sawant Marg, Dadar W, Mumbai 400 028.
- 51 **M/s. Sadhana Textile Mills P. Ltd.**
5568/570 Pandurang Budhkar Marg, Worli, Mumbai-400 018
- 52 **M/s. Shakti Silk Mills**
6A Samrat Mills Compound, LBS Marg, Vikhroli West, Mumbai 400 079
- 53 **M/s. Shan Fab (I)**
120 Gundecha Indl Complex, Akurli Road, Kandivle E, Mumbai 400 101
- 54 **M/s. S. Kumars Ltd.**
Niranjan, 99, Marine Drive, Mumbai 400 002
- 55 **M/s. Synfab Textile Mills**
5B/154 Mittal Estate, Andheri Kurla Road, Andheri E, Mumbai 400 059
- 56 **M/s. Sunshine Velvet Pvt. Ltd.**
55/57, Ground Flr. Mirza Street, Zaveri Bazar, Mumbai 400 003.
- 57 **M/s. Sravya Textile Ltd.**
2nd Floor, Ideal Towers, Opp. BHEL Enclave, Akbar Road Tadbund, Secunderabad – 500 009 Telangana.
- 58 **M/s. Tapi Silk Mills**
15/439, Bodawala Industrial Estate, Gotalawadi, Katargang, Surat – 395 004.
- 59 **M/s. TECHFAB INDIA**
Embassy Centre, Nariman Point, Mumbai 400 021
- 60 **M/s. The Calcutta Silk Mfg. Coy. Ltd.**
Commercial House, Door No.135A Biplabi Rash Behari Basu Road, Kolkata 700 001.
- 61 **M/s. URJA Products Pvt. Ltd.**
423-425 GIDC, Telephone Exchange Lane, Odhav, Ahmedabad 382 415
- 62 **M/s. Universal Knitting Mills P. Ltd.**
Mehra Estate, LBS Marg, Vikhroli, Mumbai 400 079.
- 63 **M/s. Vasant Weaving Factory**
6/1662, Gundi Sheri, Lal Darwaja, Surat 395 003.
- 64 **M/s. Vyshali Bleaching Co. Ltd.**
Ecjay House, 31-A, Carmachel Road, Mumbai 400 026.
- 65 **M/s. Zaveri Textiles**
Bungalow 18, Maskati Plot, Parle Point, Athwalines, Surat.

ASSOCIATE MEMBERS

- 1 **M/s. Brijal Purshottamdas**
Raheja Chambers, 12th Floor, 213, Nariman Point,
Mumbai - 400 021.
- 2 **M/s. Shri Ambica Polymer Pvt. Ltd.**
1 Ishwar Park, 2nd floor, Opp. Jaju Hospital,
P.O. Navjivan, Ahmedabad 300 014
- 3 **M/s. Wool Research Association**
kbar Camp Road, P.O. Sandoz Baug, Kolshet Road,
Thane 400 607.
- 4 **VISSCO REHABILITATION AIDS PVT. LTD.**
517,Tulsiani Chambers, Nariman Point,
Free Press Journal Road, Mumbai 400021.
- 5 **M/s. KDP Enterprises**
21/22, Neelkanth Ind.Estate No.1, Near Sai Baba Mandir,
S.No.59/4, Sativali,Vasai Road (E),Palghar-401208.

INDIVIDUAL ASSOCIATE MEMBERS

- 1 **Shri. K.R. Podar,**
Podar Chambers, Sayyed Abdulla Brelvi Road, Fort,
Mumbai 400 001.