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Centre for t-excellence (Since 1950)  
LINKED TO THE MINISTRY OF TEXTILES, GOI



# Integrated Skill Development Scheme (ISDS)

## **Integrated Skill Development Scheme (ISDS)**

- Introduction
- Integrated Skill Development Scheme (ISDS)

### **WORLI**

- Fashion & Apparel Design Technology
- Advance Training in Fashion & Apparel Design Technology
- Textile Colour & Design Technology
- Textile Designing
- Advance Training In Apparel Merchandising
- Apparel Merchandising
- Chemical Processing Technology
- Embroidery Technology & Merchandising (ETM)
- Wet Processing of Man-Made Textile
- Weaving of Man-Made Fibre Fabrics
- Advance Training In Computer Aided Textile Designing

### **BHIWANDI**

- Weaving Man Made Fibre Fabrics (Short Term)
- Sewing Machine Operator Course
- Skill Development Program For Weavers



## Introduction

### Organisation:

The Synthetic & Art Silk Mills' Research Association (SASMIRA) established on 12th January 1950 is a cooperative venture set up by the man-made textile industry of India after independence as a multi-functional institute to serve its scientific and technological needs. At that period the pioneers of silk and art silk industry, composed of large number of small units with a rare foresight mooted the proposal for creating a co-operative research organization. This proposal was supported by the Council of Scientific and Industrial Research (CSIR) and other Government agencies that culminated into establishment of SASMIRA, earlier known as Silk and Art Silk Mills' Research Association. SASMIRA entered into its golden jubilee in the year 2000 AD, coinciding with the new millennium. The landmark building of SASMIRA at Worli is in the heart of the city of Mumbai, the imposing building covering nearly 12,000 sq. mts. of area was conceived as far back as in 1950, and completed in 1958.

Commencing with the testing of silk and art silk materials, SASMIRA has geared its activities since then to meet the changing needs of the man-made textile industry thereby fulfilling its objectives.

### Educational Activities

An Institute for Man-made Textiles is functioning at SASMIRA since last four decades. It has well developed infrastructure like textile physics and chemistry laboratories, pilot plants, workshop, computer center, well-equipped library, spacious class rooms, auditorium, student's recreation center etc. SASMIRA's education program conducts regular Diploma and Certificate courses in many disciplines in addition to the regular courses on Textile Technology, Wet Processing, Knitting Technology etc. Tailor-made training courses are also undertaken as per needs of particular segments of the industry in collaboration with them.



## Integrated Skill Development Scheme (ISDS)

### **Background:**

The Indian Textile constitutes a timeless facet of our rich Indian cultural heritage. The Indian fabric holds a special place in the world because of its durability, texture and exquisite designs.

The Indian Textiles Industry is an economic stalwart. Currently, it contributes about 14 percent to industrial production, 4 percent to the GDP, and 17 percent to the country's export earnings. The Textiles Sector provides direct employment to over 35 million people in India, holding the position of the second largest provider of employment after agriculture. Thus, the growth and all around development of this industry has a direct bearing on the nation's economic strength.

Keeping in mind the need to upgrade the skills of textile workers/handloom weavers, develop competitiveness in the textile industry and increase employability, the Ministry of Textiles, Government of India has launched **Integrated Skill Development Scheme (ISDS)**.

Integrated Skill Development Scheme (ISDS) has been launched with the objective to build the capabilities of those institutions that currently provide training and skill development programs in the textile and apparel sectors (this includes Jute and Handicraft).

### **Objective of Scheme:**

ISDS envisions addressing the critical need of enhancing competitiveness of the textile industry in the globalized economy.

This Scheme also envisages a substantial skill program, which aims to develop around 30 lakh persons in the next 5 years. Concurrent evaluation and performance is being adjudged on a regular basis to ensure transparency and lucidity.

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The primary objectives of the Integrated Skill Development Scheme are:

- To address the trained manpower needs of textiles and related segments including Handicrafts, Handlooms, Sericulture, Jute and Technical Textiles by developing a cohesive and integrated framework of training based on the industry needs.
- To increase the employability of residents of the target areas through imparting of skills in the textiles and related segments.
- To ensure that the scheme is designed in a way that it caters to the wide range of skill sets required in various segments as listed above, while simultaneously ensuring sufficient flexibility to meet the dynamic needs of these segments over a period of the next five years.
- To create a trainers' pool by conducting the advance training programs at a cluster level.
- To ensure training in design development programs, particularly for the handloom weavers/handicraft artisans/jute artisans and also help them produce diversified products with innovative use and improved quality to meet changing market trends.

### **Course structure:**

Course structure is tailor made to meet the demand for skilled manpower in the fields of Textile Technology, Fashion Technology, Apparel Merchandising, Export & Import, CAD and also for power loom units in the catchment area of the Powerloom Service Centers (PSCs) at Bhiwandi.

In all there are 14 courses out of which 11 would be conducted at SASMIRA, Mumbai and 3 would be conducted at PSC, Bhiwandi.

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### **Locations:**

The Training / Skill Development Programs would be conducted at The Synthetic & Art Silk Mills' Research Association (SASMIRA) and its Powerloom Service Centers (PSCs) at Bhiwandi.

SASMIRA is centrally located in Worli Mumbai & is easily accessible to all and also connected to small talukas and villages with good roads and infrastructure facility.

SASMIRA also has its Powerloom Service Centers (PSCs) at Bhiwandi. This is located in the prime center where majority are unskilled laborers and undergraduates. Three courses viz. certificate course for weavers, sewing machine operators and short term courses for weaving will be conducted at this location.

### **State-of-the-art training facilities**

SASMIRA is well equipped with state-of-the-art training facilities such as world-class library, class classrooms, conference rooms etc. Well equipped computer lab and Conducive atmosphere for all-round development of the students.

### **Medium of Training:**

Medium of training is English. However the trainers from different centers are well versed and acquainted with native language.

### **Evaluation & monitoring:**

SASMIRA R&D staff as well as the Teaching staff are well qualified and well acquainted with the areas of Textiles and related industries. SASMIRA's Institute of Man-made Textiles is imparting technical education to the technicians in textile industry. SASMIRA is recognized by AICTE, Maharashtra State Board of Technical Education (MSBTE) & Maharashtra State

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Board of Vocational Education (MSBVE) as well as Directorate of Technical Education, Govt. of Maharashtra.

### **Placement Facility**

Post training the candidates would be referred back to the Industry association for suitable placements. Independent placement would also be suitably provided. The upgradation of skill development will help the individuals to fetch increments, self employment, incentives etc. This will ultimately helps in livelihood of the trainees.

### **Who can apply?**

As is evident from various surveys conducted on the growth of textiles in India, it is the fastest growing field. However, the only impediment in this so far is the lack of skilled manpower to use the technology to Indian benefit. The training program will bridge this gap and the curriculum and methodology of training will bring about radical changes in the trainee for appropriate application in the different areas of growth of textiles viz., manufacturing, marketing, services, entrepreneurship etc.

### **General Eligibility Criteria**

- The training admission eligibility criteria would be in consultation with industry associations according to the occupational skill standards of the trainees.
- The unskilled labors who are already into textile but do not have enough knowledge about the textile field would be preferred.
- S.S.C / H.S.C / Graduation / Diploma to all the Institutes across the country.
- Individuals who are already skilled and want to upgrade their skills.
- Individuals desirous of getting trained as a Trainer would need minimum qualification of Graduation in Textiles with experience in the field of textiles / Researchers/Academic.



## **Courses Now Offered Under ISDS:**

### **Fashion & Apparel Design Technology**

#### **Course Description :**

Fashion is a sort of communal art and an expression of mood and taste of individuals. Though many associate fashion with glamour and style. The course, Fashion & Apparel Design Technology, provides a complete learning system direct to the beginner to gain understanding in area of garmenting and fashion, developing technical skills and providing aesthetic intelligence for fashion design.

The subjects which give basic understanding to the budding fashion designers are fiber to fabric, traditional textiles & costumes and fashion concepts along with the fashion skills developing subjects like pattern making, garment construction, draping, design foundation, design process and Illustration. Finally these skills are pinnacle with embroidery and fabric styling subjects, to enhance the aesthetic and unique value of the garment. The soft professional skills like personal grooming, self motivation and time management are also introduced to make a competent fashion technologist.

The aim of this program is to teach the understanding and interpretation of fashion design principles and methods. The program leads to innovative and systematic development of individual garment styling and pattern accuracy for any body shape or size.

#### **Career Prospects:**

Fashion Designers, Garment Designers, design and manufacture textiles, free-lance fashion design work, design in industry or as design consultant in the retail sector. Fashion Show Organizer, Fashion Retailers, etc

**Duration** : 6 Months

**Eligibility** : S.S.C / H.S.C / Graduation / Diploma from all the Institutes across the country.

**Location** : Worli



## **Advance Training in Fashion & Apparel Design Technology**

### **Course Description :**

The course Advance Training in Fashion & Apparel Design Technology is further development of, Training in Fashion & Apparel Design Technology where the skills levels are raised to intricacy and sharpening of technical skills take place along with other subjects for good understanding of fashion business.

The fashion is unique expression of creativity. However, fashion items also need to pass the acid test : acceptance by consumer and ultimately by market. Today entire globe is almost one market. The necessary consumer related skills led to study of subjects like apparel merchandising, fashion marketing & retailing and visual merchandising.

Technology developments in software & hardware led to tremendous increases in productivity & quality simultaneously. Mechanotronics & Robotics are the trends for Garment Manufacturing Technology. Creative product development with least possible time & without various paper patterns & long manual work is done by CAD packages.

Also, internet gave many information resources, huge savings of time & money, instant communication & global market for product promotion. History of fashion, stylized illustration, pattern making, garment construction and draping method subjects deepens knowledge of dress forms with an international perspective. Student's preferences and skills are showcased to jury in the subject of fashion collection .

### **Career Prospects:**

Thus the year long program prepares students for vast & diverse arenas of the global fashion industry like design, manufacturing, retailing, fashion communications – fashion journalism to fashion forecasting etc.

**Duration :** 12 Months

**Eligibility :** H.S.C / Graduation / Diploma from all the Institutes across the country.

**Location :** Worli

## **Textile Colour & Design Technology**

### **Course Description :**

This course is designed to build strong design and technical skills in a broad range of textile materials and processes. Techniques include fabric manipulation, hand and machine stitch, digital imaging and printing, digital embroidery, jacquard weaving and knitting, screen printing, knit, weave and textile dyeing. Projects and live briefs for interiors, fashion, card and wrap allow you to explore different designing styles and employment options.

### **Career Prospects:**

In Embroidered, Printed or Woven Textiles may pursue careers in studio based production, design and manufacture, free-lance design work in both general and specialist areas, design in industry or as design consultants in the retail sector. Museum, conservation, gallery or arts management, and teaching areas there is special needs of this students. Forecasting, interior design and fabric sourcing, as well as lifestyle range development for specialist interior retailers are now popular career choices.

**Duration\*\*** : 12 Months

**Eligibility** : S.S.C / H.S.C / Graduation / Diploma from all the Institutes across the country.

**Location** : Worli

## **Textile Designing**

### **Course Description :**

Textile Design course introduces the fundamental aspects of design including drawing and observational interpretation, media and material exploration and design development. All pathways share knowledge where you experience a variety of textile disciplines such as stitch, fabric manipulation, knit and weave and screen printing. Traditional craft skills, creativity, personal talents and professional awareness will be developed throughout the course.

### **Career Prospects:**

In Embroidered, Printed or Woven Textiles may pursue careers in production, design studio or free-lance designer in industry.

**Duration** : 6 Months

**Eligibility** : S.S.C / H.S.C / Graduation / Diploma from all the Institutes across the country.

**Location** : Worli



## **Advance Training In Apparel Merchandising**

### **Course Description :**

Merchandising is a process of Planning, Purchasing, Motivating and Controlling of Materials in a optimum manner, so as to provide the finished product to the buyer at minimum cost in right time and right place. It covers various activities like vendor development, manufacturing, pricing, product design and development, quality control, exporting etc.

All these functions are looked after by the merchandiser.

The present course develops skills among the students in the field of merchandising and widens the scope for employability of students in the areas of apparel, fashion, visual and retail merchandising. There is a good demand potential for merchandisers in the field of textile industry. About 10 million jobs will be created in the next 5 years. The course will help the industry to employ qualified and skilled man power required in the industry.

### **Career Prospects:**

Good career opportunities in Textile, Industry, Retail, Junior & Senior Merchandisers, Designers, Buyers, Fabric coordinator, Customer Care Executives, Store Managers, etc.

**Duration** : 12 Months

**Eligibility** : Graduation/ Diploma from all the Institutes across the country  
Industry Exposure preferred

**Location** : Worli

## **Apparel Merchandising**

### **Course Description :**

This course develops skills among the students in the field of merchandising and increases the scope of employment in Textile and Government Industry.

### **Career Prospects:**

The students can join as Junior merchandisers, designers, buyers, assistant store manager etc.

**Duration** : 6 Months

**Eligibility** : Graduation / Diploma from all the Institutes across the country

**Location** : Worli



## **Chemical Processing Technology**

### **Course Description :**

Conversion of fibers into yarn / fabric /apparel by mechanical processes itself is not sufficient to provide articles desirable properties like aesthetics of colour, feel or properties like crease resistance, moisture absorbency etc. It is challenging task to attain desired appearance, feel and function right first time at competitive cost with the best of quality. This sector is the weakest link in otherwise fast growing Indian textile industry. This section has very high potential of value addition in entire chain.

Chemical processing of textiles constitutes innumerable steps leading to finished product, each having a number of complex variables. These variables are thoroughly treated in theory and practical of subjects like Introduction to fibers and mechanical processing, Preparatory and finishing technology, Dyeing technology ,Printing technology & Testing and Quality control. Modern technology tools like Computer Colour Matching are taught for process economy and eco friendly processes. Textile Garment processing - the latest market requirement is also emphasized. Emphasis is mainly on cotton, wool, viscose, nylon, polyester and popular blends.

### **Career Prospects:**

These diverse and complex requirements demand trained manpower to man production sectors, HRD, Testing & Q.C., R&D of Chemicals & Processes & Machines, Technical Marketing & in International Trade etc.

**Duration** : 6 Months

**Eligibility** : S.S.C / H.S.C / Graduation / Diploma from all the Institutes across the country.

**Location** : Worli

## **Embroidery Technology & Merchandising (ETM)**

### **Course Description :**

This course includes teaching and practicing hand as well as machine embroidery across a wide range of techniques. Embroidery Technology introduces the introduction, functionality of the various machines like single-head, multi-head, Schiffli. Embroidery designing inculcate both traditional and contemporary steps of the designing. Garment manufacturing & pattern making specifying the ideas about process of pattern drafting to stitching and their problems occurring on the machines. In this course, students will explore color theory, including additive and subtractive color. Discussions of color and its relationship to composition, through harmony and contrast, will be explored. Within Introduction to Textiles subject covers the basic principles of weaving but provides considerably more detailed information on preparatory wet processes and weaving technology; the preparatory processes including grey inspection, designing, scouring, bleaching, dyeing, printing and finishing. Students will learn how marketers deliver value in satisfying customer needs and wants, determine which target markets the organization can best serve, and decide upon appropriate products, services, and programs to serve these markets. Topics include branding and product development, pricing strategies, marketing research, promotion, supply chain management and service marketing. In computer aided embroidery designing the Digital design produced during the curriculum, will boost knowledge of students by industry demand.

### **Career Prospects :**

Develop and design manufactured products, such as cars, home appliances, and children's toys. Combine artistic talent with research on product use, marketing, and materials to create the most functional and appealing product design. A job as a Embroidery Designer falls under the broader career category of Commercial and Industrial Designers. Embroidery Machine Operator is very similar to another occupation. Students can work as embroidery merchandiser in garment houses.

**Duration :** 6 Months

**Eligibility :** S.S.C / H.S.C / Graduation / Diploma from all the Institutes across the country.

**Location :** Worli

## **Wet Processing of Man-Made Textile**

### **Course Description :**

Fibers, Yarns & threads, Woven and knit textiles goods cannot be processed into apparel and other finished textile products until they have passed through several water-intensive wet processing stages. Wet processing enhances the appearance, durability, and serviceability of textiles by converting undyed and unfinished goods, known as gray or greige goods, into finished consumer goods. Wet processing has very high potential of value addition in entire textile & apparel chain. However this sector is the weakest link in otherwise fast growing Indian textile industry.

Students are introduced to the science and technology used in textile wet processing. Subjects include preparation, dyeing, printing and finishing of textiles, applied chemistry and textile fibers. Exposure to mechanical processing & basics of color measurement is given. Wet processing of woven fabrics of cotton, wool, viscose, nylon, polyester and popular blends is stressed. Training imparts knowledge for latest in process economy and eco friendly processes.

Practical orientation excellently prepares students

### **Career Prospects:**

After successful completion of the course students can obtain career in production sectors, Testing & Q.C. & technical marketing of chemicals & processes & machines etc.

**Duration** : 6 Months

**Eligibility** : S.S.C / H.S.C / Graduation / Diploma from all the Institutes across the country.

**Location** : Worli



## **Weaving of Man-Made Fibre Fabrics**

### **Course Description :**

Weaving Technology offers the knowledge about weaving machinery and weaving process (winding, warping and looming prior to weaving, followed by the basic principles of weaving, shuttle and shuttle less methods of weft insertion and multi phase weaving). Inculcate weaving plant operations to improve working conditions and fabric quality. 1. to give technological knowledge of contemporary issues of weaving (shedding, picking, beating-up, warp let off and cloth take up motions and control and stop motions), 2. to teach the ways to control, lead and improve the actual working conditions, 3. to develop problem solving skills applied to weaving problems.

This course includes an overview of designing and drafting basic weave structures and complete instructions for good warping and weaving techniques. Fabric structure subject goes into greater depth to give thorough knowledge of all basic & advance weave structures. It also includes instruction in the use of weaving dobbie and jacquard to the student. Curriculum content includes lecture, discussion, informative handouts, careful study of woven examples, drafting practice on paper, and extensive fabric sample analysis. Within Introduction to Textiles subject covers the basic principles of weaving but provides considerably more detailed information on preparatory wet processes and weaving technology; the preparatory processes including grey inspection, designing, scouring, bleaching, dyeing, printing and finishing.

### **Career Prospects:**

The technological knowledge and skills of textile weaving students are highly valued by textile manufacturing companies. The majority of weaving students take up posts in the textile manufacturing industry as process or plant managers, technologists. Recently employment is available in the areas of production management, design, textile testing and quality assurance, new product development, purchasing. At present there is a huge demand in textile industry.

**Duration** : 6 Months

**Eligibility** : S.S.C / H.S.C / Graduation / Diploma from all the Institutes across the country.

**Location** : Worli



## **Advance Training In Computer Aided Textile Desinging**

### **Course Description:**

Introduction to the operation of design software for presentation, woven (Dobby, Jacquard) and printed textiles. Gimp and Corel draw programs will be taught. This is a course in computer aided textile design where a student is taught to appreciate and develop her own values and design concepts in traditional and contemporary processes, using resourcefulness and imagination. Printing and weaving, the two options in the Textile Designing Course provide systematic training in surface designs and fabric structure, in weaving, to learn mixed weaves and coloured effect, fabric analysis and loom mechanism.

To offer quality education based on creativity, analytical thinking and professional ethics such that it adds value to The Industry and society as a whole.

To develop professional competitiveness at industry level, through focus on knowledge and innovation. To hone the students skills in order to enable them to work efficiently by acquiring training in new technology.

### **Career Prospects :**

Textile designers create two-dimensional designs that can be used, often as a repeat design, in the production of weave (dobby, jacquard) and printed fabrics or textile products. Working in both industrial and non-industrial locations (design studio), they often specialize, or work in a specialist context, within the textile industry. The two major fields are: - interiors (upholstery, soft furnishings and carpets), fabrics for clothing (fashion or specialist, e.g. fire-proof). Textile designers may also work in associated industry functions, for example, designing wrapping paper, packaging, greetings cards and ceramics. Many textile designers are self-employed, while others work as part of a design team.

**Duration** : 3 Months

**Eligibility** : Graduation / Diploma from all the Institutes across the country. Prior exposure to working in Textile Industry, Computers and aptitude for drawing / design desirable.

**Location** : Worli

## Weaving Man Made Fibre Fabrics (Short Term)

### Course Description

#### Introduction To Textiles:

- Classification of fibers, physical properties of common natural & man-made fibers.
- Introduction to cotton, woolen & worsted system of spinning by flow chart and object of each process.
- Basic concept of spun & filament yarns, their usefulness & end uses.
- Introduction to concepts of knitting: warp & weft.
- Advantages & disadvantages of knitting and weaving.
- Basic principles of weaving, & manufacturing non-woven & its uses.

#### Yarn Preparation & Objectives:

- Winding machines and its purposes.
- Knotting, Splicing, Slub catcher setting,
- Machine production.
- Warping machines, its technology, stop motions, brake etc.
- Pirn winding machine and it's importance.
- Purpose of Sizing, sizing Ingredients , Texirizing Process.

#### Weaving Technology :

- Fundamentals of weaving,
- Main features of Automatic looms.
- Advantages of automatic loom over non automatic loom(shuttle loom & shuttleless looms).
- Weaving production calculations.

#### General Management :

- What is Business? Elements of business purpose, resources, objectives, facts and types of business.

- Entrepreneur/Manager: Qualities, similarities, differences, principles of management planning: Objectives, strategies & tactics, procedures Organization: elements, division of work, authority & responsibility.

#### Power Loom Unit Management :

- Trade practices: self manufacturing, master weaving, job work sourcing, commission agency, etc.
- Marketing practices: Yarn, Fabrics and intermediates.
- Production management, present practices- production planning inventory control, production control, quality control, labor management., Present market scenario & need for changing management style.

#### Personality Development Program:-

- Developing oral communication
- Learn to face Challenges
  - Resume writing
  - Learn to conduct meeting
  - Learn to prepare project report
  - Dealing with customers / superiors

**Duration** : 1 Month

**Eligibility** : S.S.C / H.S.C / Graduation / Diploma from all the Institutes across the country.

**Location** : Bhiwandi

## Sewing Machine Operator Course

### Course Description

- **Terminology Of Sewing M/c Operation :** Garment Making, Fabric Laying, Cutting, Sorting, Bundling, Stitching, Alteration, Seam, Hemming, Piping etc.
- **Tools Used For Sewing M/c Operation :** Sharp Scissors, Measuring Tape, Tailor's Chalk, Zigzag Scissors.
- **Sewing M/c Parts :** Thread view, Machine feet, Bobbins, Needles, Pressure foot, Thread Tension Control, Needle Plate etc.
- **Types Of Sleeves :** Set-In Sleeves, T-Shirt Sleeves, Raglan Sleeves, Kimono Sleeves, Gathered Sleeves
- **Paper Exercise/fabric Exercise :** Straight Lines, Curved Lines.
- **Type Of Pockets :** Patch Pocket with Self Flap, Patch Pocket with Separate Flap, Front Hip Pockets, Inseam Pocket etc.
- **Components Of Garments :** For Shirts, Trousers, Skirts, Shalwar-Kameej etc.
- **Types Of Collars :** Flat Collar, Stand-up Collar, Rolled Collar. Collar
- **Types Of Cuffs :** For Shirts, Trousers, Skirts, Shalwar-Kameej etc. Hemmed Cuff Opening, Continuous Cuff Opening, Shirt Placket Cuff Opening, Slit Cuff Opening. Slit Cuff Opening.
- **Plackets & Yokes :** 2Pc. Placket, Single Pc. Placket, Different Types of Yokes:- Square Yoke, V-Shape Yoke, U-Shape Yoke etc.
- **Zip Attaching :** Chain Zip, Coil Zip, Concoated Zip, Open Ended Zip.
- **Dart Manipulation :** Waist Dart, Bust Darts, French Darts, Elbow Darts, Contour Darts.
- **Basic Garment Stitching :** Making Full Garments.
  - Men's Shirts
  - Ladies Top

**Duration :** 1 Month

**Eligibility :** S.S.C / H.S.C / Graduation / Diploma from all the Institutes across the country.

**Location :** Bhiwandi



## **Skill Development Program For Weavers**

### **Course Description**

As it is a skill up-gradation program, it is necessary to educate the weavers with the proper working methods required for improvement in productivity. The training program will cover the following objectives:

#### **■ Introduction To Textiles & Weaving**

- a] Brief description about Textiles & type of looms(shuttle and shuttle-less looms) & their working principles.( Audio-visual presentation)
- b] Preparatory – sizing, warping, pirn winding Different motions of Loom such as Primary, Secondary, Auxiliary.
- c] Present scenario of Textile Market . What is quota-free market, Why quality is important in today's market . All such questions are answered.

#### **■ The Standard Working Methods For Weaver.**

- a] The nature of work, classification, live demonstrations
- b] Taking charge from the Colleague.
- c] Importance of weavers round, types of knots, important points to increase efficiency etc.

#### **■ Fabric Defects**

- a] Different types of Fabric Defects. [Live Demonstration]
- b] The reasons of defects.
- c] The remedy for fabric defects
- d] Motivation towards Zero Defect Fabric.
- e] Elimination of fabric defects:- Role of worker.

### **Other**

- Work study and evaluation of Drawbacks in the existing working System of the weavers and suggestions for improvement.
- Oral interview, Problem faced-case studies Evaluation & Grading of weavers.

**Duration** : 2 Weeks

**Eligibility** : The unskilled labors who are already into textile but do not have enough knowledge about the textile field would be preferred.

**Location** : Bhiwandi



## Courses Now Offered:

The courses are tailored according to the industry requirements and prepared under the guidance of experts. The duration of the courses vary according to the requirement of training and syllabus.

Sr. No	Name of Course	Training Center	Duration (months)
1	Fashion & Apparel Design Technology	Worli	12
2	Advance Training in Fashion & Apparel Design Technology	Worli	12
3	Textile Colour & Design Technology	Worli	12
4	Advance Training in Apparel Merchandising	Worli	12
5	Textile Designing	Worli	6
6	Apparel Merchandising	Worli	6
7	Chemical Processing Technology	Worli	6
8	Wet Processing of Man-Made Textile	Worli	6
9	Weaving of Man-Made Fibre Fabrics	Worli	6
10	Embroidery Technology & Merchandising	Worli	6
11	Advance Training in Computer Aided Textile Designing	Worli	3
12	Weaving Man-Made Fibre Fabrics	Bhiwandi	1
13	Sewing Machine Operator	Bhiwandi	1
14	Short Term Skill Upgradation Training Programme for Weavers	Bhiwandi	0.5

# sasmira

Centre for t-excellence (Since 1950)

LINKED TO THE MINISTRY OF TEXTILES, GOI

*For further details please contact*

### Centre 1

**WORLI**

Sasmira Marg, Worli, Mumbai - 400 030,  
T : + 91 - 22 - 2493 5351 / 52, Extn. 227, 229  
E-mail: [isds@sasmira.org](mailto:isds@sasmira.org),  
[sasmira@vsnl.com](mailto:sasmira@vsnl.com)

### Centre 2

**BHIWANDI**

Powerloom Service Centre-I,  
319, Silco House, Gokul Nagar Bhiwandi,  
T: + 91 - 2522 - 252 052, F: + 91 - 2522 - 229 994  
E-mail: [sasmirapsc@yahoo.com](mailto:sasmirapsc@yahoo.com)

[www.isds.sasmira.org](http://www.isds.sasmira.org) • E: [isds@sasmira.org](mailto:isds@sasmira.org)