

## ATIRA TECHNICAL TRAINING PROGRAMME SCHEDULE – 2018-2019

Month	Dates	Title	Venue	Faculty
November 2018	Nov.14-15, 2018	Dyeing of Indigo on Rope Dyeing and Slasher Dyeing Machines	Ahmedabad	Dr. K.C. Gupta
	Nov. 23 2018	Safety Awareness in Textile Mills	Coimbatore	To be announced
	Nov.27, 2018	Safety Awareness in Textile Mills	Ahmedabad	To be announced
	Nov.28,29, 2018	Improving Performance in terms of Productivity and Quality in Spinning Mills	Ahmedabad	To be announced
December 2018	Dec,5, 2018	Bleaching and Dyeing of Cotton and Blended Fabric	Ahmedabad	Dr. K.C. Gupta
	Dec.11,12, 2018	Improving Performance in terms of Productivity and Quality in Spinning Mills	Coimbatore	To be announced
	Dec.17,18,19,20	Effective Operation of Latest Testing Instruments	Ahmedabad	Jigar Dave
	Dec. 18,19,20, 2018	Technical Training in Spinning Processes and Testing	Ahmedabad	To be announced
	Dec.26,27,2018	Basic Course in Weaving & Quality Control and Productivity Improvement on Looms"	Ahmedabad	Hasmukhbhai Patel and Rakesh Verma
	7 days duration	Ginning Training	Ahmedabad	RM Sankar
January 2019	Jan.9,10,11, 2019	Technical Training in Spinning Processes and Testing	Coimbatore	To be announced
	Jan.16,17,18,19	Effective Operation of Latest Testing Instruments	Ahmedabad	Jigar Dave
	Jan.18,19, 2019	Basic Course in Weaving & Quality Control and Productivity Improvement on Looms"	Ahmedabad	Hasmukhbhai Patel and Rakesh Verma
	7 days duration	Ginning Training	Ahmedabad	RM Sankar
February 2019	Feb.18,19,20,21	Effective Operation of Latest Testing Instruments	Ahmedabad	Jigar Dave
	Date/s will be finalized with the mutual understanding with the participating mill	One-day In-house Training Programme on "Positive Attitude and Behaviour Change" in Textile Units	In-house	U.M. Galiwala
	Date/s will be finalized with the mutual understanding with the participating mill	Shopfloor Operative Training for Spinning Mills	In-house	To be announced
	1month duration Date/s will be finalized with the mutual understanding with the participating mill	Practical Training Programme in Pultrusion Process	Ahmedabad	Subhashish and Juhi Kumari
	Ten days duration Date/s will be finalized with the mutual understanding with the participating mill	Skill Development Technical Training for Weaving Operators	Ahmedabad	Hasmukhbhai Patel & U.M. Galiwala

**Venue at Ahmedabad is ATIRA**

**NOTE:** We will confirm the programmes in locations outside Ahmedabad, if we get minimum of 15-20 participants registered.  
All the programmes are non-residential  
All the programme fees to be paid in advance only

For further details please contact:

**Mr. U.M. Galiwala**

**Programme Coordinator**

ATIRA, P.O. Ambawadi Vistar, AHMEDABAD 380015

Tel: (079) 26307921-22-23, 2630513195, 26305132; Extn: 365 / 373, Mobile: 9879194797

Fax No.: (079) 26304677, 26301969; E-mail: training@atira.in

COURSE No.1: "Safety Awareness in Textile Mills"

FOR: Owners / Managers / Middle management

FACULTY:

FOCUS:

- Code of practice for fire safety of Industrial Buildings; Cotton Textile Mills, IS:3079:1990
- Electrical safety standard in the workplace
- Preventing Electrical hazards
- Personnel Protective Equipment

CITY	DATE	PROGRAMME FEES*
Ahmedabad	27 November 2018	For 1 participant
		Rs.2950/-
		For each additional participant
		Rs.2360/-
Coimbatore	23 November 2018	For 1 participant
		Rs.2950/-
		For each additional participant
		Rs.2360/-

**COURSE No.2: “Improving Performance in terms of Productivity and Quality in Spinning Mills”**

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**FOR: Owners / Managers / Middle management**

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**FACULTY**

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**FOCUS:**

- Optimization of Spinning Processes
  - Spinning preparatory
  - Ring Spinning / OE / AJ Spinning
- Analytical approach to Improve Productivity and Quality
- Maintenance practices for Achieving Effective Working

CITY	DATE	PROGRAMME FEES*
Ahmedabad	28,29 November 2018	For 1 participant
		Rs.5900/-
		For each additional participant
		Rs.5310/-
Coimbatore	11,12, December 2018	For 1 participant
		Rs.5900/-
		For each additional participant
		Rs.5310/-

COURSE No.3: “Technical Training in Spinning Processes and Testing”

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OBJECTIVES:

Objective of the training programme is to impart detailed knowledge of each process of spinning yarns with respect to spinning processes from blow room to ring frames and post spinning and analysis of test results.

**Will help all spinning unit shopfloor personnel, and especially personnel who have not had a formal exposure to learning textile processes.**

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TOPICS TO BE COVERED IN THE TRAINING:

- Over view of the Spinning Process
- Machine Layout, process parameters and quality parameters for :
  - Blow Room Processes
  - Carding
  - Draw Frames
  - Comber and Lap Former
  - Speed Frame and Ring Frames
  - Other Spinning Processes
- Testing of Raw Material, Work-in Progress and Final Output of yarn spinning
- The training will involve theoretical inputs, practical exercises and a visit to ATIRA’s textile testing laboratory.

CITY	DATE	PROGRAMME FEES*
Ahmedabad	18,19,20 December 2018	For 1 participant
		Rs.11800/-
		For each additional participant
		Rs.11210/-
Coimbatore	9,10,11 January 2019	For 1 participant
		Rs.11800/-
		For each additional participant
		Rs.11210/-

COURSE No.4: One-day In-house Training Programme on “Positive Attitude and Behaviour Change” in Textile Units

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FOR: Personnel, Jobbers, Fitters, Helpers and Operators

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FACULTY: U.M. Galiwala

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FOCUS:

**KNOW YOURSELF:**

- Self-development – social, spiritual, economical and personal
- Duties and rights for yourself, family, society, industry and nation
- Know your strength and weakness
- Importance of positive attitude

**KNOW YOUR ROLE:**

- Importance of your contribution to the industry
- Your new role
- How to take work from man and machine
- How to become a effective operator

**BEHAVIORAL SKILL:**

- Industrial Developments
- Understanding of Industrial Development
- Industrial Discipline
- Interpersonal Relations
- To adopt good things and leave bad for Industrial Development
- Team Building and team work
- Resistance to change, why change is required?
- Art of Listening
- Effective Communication, Types of Communication
- Housekeeping

**Training Method:** Classroom, Training will be in Gujarati or Hindi language.

**Date/s:** Mutually convenient between participant mill and ATIRA. A group maximum 20 operators are suggested in on batch.

**Duration:** Depending upon the number of operators.

**Charges:** Our charges for this training programme is Rs.10000/- per day + 18% GST + TA/DA as actual. The mill has to make arrangement for lodging/boarding at convenient place and local transportation for ATIRA faculty that is to be born separately by the mill. All the charges are to be paid in advance.

**Facility:** To conduct the training a room big enough (Conference Room) to accommodate a seating of 20 participants. The room should be a place free from outside disturbances. The room should have good blackboard fixed on the wall, provisions for chalks and a duster also need to be made. Multi-media with Laptop need to be arranged for presentation.

**COURSE No.5: “Shopfloor Operative Training for Spinning Mills”**

**FOCUS:**

**B/R**

- Contamination
- Fibre sorting
- M/c knowledge
- M/c parts cleaning
- M/c operative performance

**Doffing**

- Doffing knowledge
- Doffing process
- Doffing practice and speed

**C/P**

- Function and knowledge of Machinery parts
- Machinery parts cleaning Knowledge
- Piecing (Fibre)
- Shopfloor practical

**Creeling**

- Creeling knowledge
- Creeling process
- Creeling practice and speed

**D/F**

- Function and knowledge of Machinery parts
- M/c parts cleaning knowledge
- Sliver ;piecing practice
- M/c handover
- Speed practice

**Gaiting**

- Gaiting knowledge
- Gaiting process
- Gaiting practice and speed

**S/F**

- Function and knowledge of Machinery parts
- M/c Roving Piecing practice
- M/c cleaning
- Shopfloor m/c handover and Practice

**House-Keeping  
Safety**

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Duration: 20 days  
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Charges: Rs.3000/- per day + 18% GST and TA/DA  
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**R/F**

- Function and knowledge of Machinery parts
- Objective training of Machine
- M/c piecing, gaiting, creeling And doffing practice
- M/c cleaning practice

**Piecing**

- Piecing knowledge
- Piecing process
- Piecing practice and speed

**COURSE No.6: “Basic Course in Weaving & Quality Control and Productivity Improvement on Looms”**

**FOR: Managers / Entrepreneurs / Technicians**

**FACULTY: Hasmukhbhai Patel and Rakesh Verma**

**FOCUS:**

- Various textile fibres and their classification and properties
- Basic Ginning & Spinning process outline
- Types of yarn and their characteristics
- Yarn Calculation – yarn count, denier, etc.
- Weaving preparation process – winding, warping, sizing, drawing
- Weaving process – types of looms
- Shuttleless weaving looms – outline – features
- Type of fabric
- Structure of some textile fabric, plain, twill, satin, mock leno, broken twill etc.
- Fabric calculation
- Fabric defects
- Fabric costing
- Maintenance of High-speed Looms
- Quality Control on Looms

CITY	DATE	PROGRAMME FEES*
Ahmedabad	26,27 December 2018	For 1 participant
		Rs.5900/-
	18,19 January 2019	For each additional participant
		Rs.5310/-

**COURSE No.7: “Dyeing of Indigo on Rope Dyeing and Slasher Dyeing Machines”**

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**FOR:** Denim Cloth Manufacturers

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**FACULTY:** Chemical Technology Division

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**FOCUS:**

- Details of Warping Machine
- Rope Dyeing Machine
- Slasher Dyeing Machine
- Quality Control at Dyeing Stage
- Quality Control after Finishing of Fabric

CITY	DATE	PROGRAMME FEES*
Ahmedabad	14-15 November 2018	For 1 participant
		Rs.5900/-
		For each additional participant
		Rs.5310/-



## COURSE No.8 "Bleaching and Dyeing of Cotton and Blended Fabric"

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FOR: Staff of Bleaching and Dyeing Departments / Lab Technician

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FACULTY: Chemical Technology Division

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FOCUS:

- Details of different methods of Bleaching will be covered
- Problem due to Improper Bleaching will be covered
- Quality Control in bleaching and Mercerization
- Different Process of Dyeing

CITY	DATE	PROGRAMME FEES*
Ahmedabad	5 December 2018	For 1 participant
		Rs.2950/-
		For each additional participant
		Rs.2360/-

**COURSE No.9: “Practical Training Programme in Pultrusion Process”**

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**FACULTY:** Subhashish Pal and Ruhi Kumari

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**FOCUS:**

- Pultrusion Line and Layout
- Brief description of Pultrusion Process
- Raw material Requirement
- Die Set-up
- Resin Preparation
- Process Control

CITY	DATE	PROGRAMME FEES*
Ahmedabad	1 Month duration	
		Rs.21240/- per participant

COURSE No.10: “Ginning Training Programme”

FOR: Owners / Managers / Cotton Selector

FACULTY: RM Sankar

FOCUS:

- Overview of Textile industry and Usage of Fibres/Yarn/Cloth
- Overview of International Cotton Scenario
- Cotton Procurement and Marketing : Farmers/Markets/Traders
- Ginning Manufacturing Technology :  
Field to Bale  
Process Flow
- Mechanism of each Process – Reservoir box, distribution trolley, Pre-cleaners, Ginning Machine, Post Cleaner, and Press
- Types of Machines and Process
- Trash/Contamination and Remedies
- Fibre Technology
- Moisture/Humidity on Cotton and Its Effect/Remedies
- Ginning Plant: Maintenance : Foundation
- Shopfloor Training : Machinery Settings : Roller speed, Roller grooving, beater setting, overlap setting, fix knife setting, mechanical roller alignment, seed tray, opening gap between knives
- Costing of Ginning
- Production Rate Realization
- Energy Conservation
- Material Handling
- Factory Management : 5s, Factory administration, Positive attitude and behaviour change
- Fire Safety

CITY	DATE	PROGRAMME FEES*
Ahmedabad	Seven days duration December 2018 January 2019	For 1 participant Rs.11800/- For each additional participant Rs.11210/-

\*Inclusive of GST @ 18%.

**COURSE No.11 : “Skill Development Technical Training for Weaving Operators”**

The objective of this Training program for weaving operators is to develop technical Skills & Attitude regarding their Job. We offer special training to weavers for increase job skills and positive attitude and behavior change which help to increase productivity and Quality. A little investment on this program can change worker’s attitude, behavior, personality which can lead them towards maintaining industrial discipline, inter-personal relationship and team building. With their improved behavior skills and attitude, the mill can reap substantial benefit from such important program. Ultimately, work culture relates to working efficiency and hence to profitability of a mill.

**Conducting the Training:**

This is a ten days training programme which is to be conducted at ATIRA, Ahmedabad. The training will be given in Gujarati or Hindi language. The programme date/s will be finalized mutually convenient between participant mill and ATIRA.

**Content of the Training:**

- (1) Company Profile
- (2 ) Type of Yarn used in Company & identification
- (3) Yarn faults & Cone Faults
- (4) Type of the Loom & loom Motions
- (5) Knowledge about Weavers Job
  - A) Type of knots
  - B) Duties of Weavers
  - C) Mending Of Warp Breaks
  - D) Mending of Weft breaks
  - E) Causes of Warp breaks & Weft breaks
  - F) Types ,Causes & remedies of fabric faults
  - G) Calculation of production and efficiency of loom
- (6) Efficient & effective work method of good weaver
  - A) Taking & giving charge of loom at shift change
  - B) Types of loom patrolling & check points of patrolling
  - C) Handling of interference situation
  - D) Trouble shooting
  - E) Hints for effective weaver
- (7) Advance knowledge for weaver
  - A) Reasons for low efficiency
  - B) Importance of quality
  - C) Importance of good House Keeping & material handling method (5 S , House Keeping)
  - D) Importance of lubrication
  - E) Importance of Maintenance
  - F) Importance of Safety
- (8) PRACTICALS
  - Weavers Knot Practice
  - Ends Drawing Practice

**(9) KNOW YOURSELF:**

- Self-development – social, spiritual, economical and personal
- Duties and rights for yourself, family, society, industry and nation
- Know your strength and weakness
- Importance of positive attitude

**KNOW YOUR ROLE:**

- Importance of your contribution to the industry
- Your new role
- How to take work from man and machine
- How to become a effective operator

**BEHAVIORAL SKILL:**

- Industrial Developments
- Understanding of Industrial Development
- Industrial Discipline
- Interpersonal Relations
- To adopt good things and leave bad for Industrial Development
- Team Building and team work
- Resistance to change, why change is required?
- Art of Listening
- Effective Communication, Types of Communication
- Housekeeping

**Training Charges:**

Our charges for this training programme is Rs.4,000/- per day + GST @ 18%. The training will include Tea/lunch on all the ten days and certificate will be given on completion of the training programme. The training fees in full will have to be paid in advance through NEFT or DD in favour of ATIRA.

COURSE No. 12: “Effective Operation of Latest Testing Instruments”

Day 1: Fibre Testing Instruments: HVI & AFIS

Day 2: Yarn Strength Testing Instruments: Tensojet & Statimat-M/UTR-3

Day 3: Yarn Evenness Testing Instruments: Uster Tester-4 (UT-4)

Day 4: Yarn Hairiness and Lint Shedding Propensity (Fly Generation) Testing: Zweigle Hairiness Tester and CTT (Constant Tension Transport)

FOR: Testing Operators, SQC/R&D Staff

FACULTY: Jigar Dave

#### FOCUS

- Introduction to latest instruments
- Working principle and operation
- Handling and care for trouble free working
- Analysis of output parameters
- Hands on operation on the Q.C. Instruments

DAY	CITY	DATE			PROGRAMME FEES PER DAY
		December 2018	January 2019	February 2019	
1	Ahmedabad	17	16	18	For 1 participant
2	“	18	17	19	Rs.2950/-
3	“	19	18	20	For each addition participant
4	“	20	19	21	Rs.2360/-

- ☞ Fees shall include handouts and lunch
- ☞ Mills may depute appropriate persons to the programme independently.
- ☞ Mills can opt for either one, two or all days depending on their requirements.

**Ahmedabad Textile Industry's Research Association  
P.O. Ambawadi Vistar  
Ahmedabad 380015**

**Training Programme Nomination Form**

Course No.: \_\_\_\_\_  
Training Programme Title: \_\_\_\_\_

Training Programme Date: \_\_\_\_\_

Training Programme Venue: \_\_\_\_\_

**PARTICIPANT'S PROFILE**

Name: \_\_\_\_\_

BOB: \_\_\_\_\_ Gender: \_\_\_\_\_

Current Position/Designation: \_\_\_\_\_

Name of the Mill/Factory/Unit: \_\_\_\_\_

Official Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_\_ Mobile: \_\_\_\_\_

E-mail: \_\_\_\_\_ Fax: \_\_\_\_\_

Educational Background (Please provide information from Class 12<sup>th</sup> onwards)

Name of Degree/Diploma	Year	University/Institute	Primary Subject

Work Experience (Last three years assignments only)

Time Period	Position	Organization

Language Known: \_\_\_\_\_

Expectations from the Programme:

\_\_\_\_\_

\_\_\_\_\_

Payment Details:

NEFT or RTGS Transaction No.: \_\_\_\_\_ Date: \_\_\_\_\_

Drawn on Bank \_\_\_\_\_

Amount (INR) \_\_\_\_\_ (in words) \_\_\_\_\_

GST Registration No.: \_\_\_\_\_

Signature of the Participant / Sponsoring Authority of Organization      Date: \_\_\_\_\_

E-mail ID and Mobile of Sponsoring Authority: \_\_\_\_\_

**Bank Details for Payment through NEFT/RTGS**

Name : Ahmedabad Textile Industry's Research Association  
 Address : P.O. Ambawadi Vistar, Ahmedabad 380015  
 Pan No. : AAATA3045R  
 Bank Name : Kotak Mahindra Bank Limited  
 Branch Name : Satellite Branch  
 Branch Address : Shop No.6 & 7, Shidhivinayak Complex  
 Shivranjini Char Rasta, Satellite, Ahmedabad 380015, Gujarat, India  
 Account No. : 7212148230  
 Account Type : Savings Account  
 MICR Code : 380485004  
 Branch Code : 0810  
 RTGS/NEFT-IFCS: KKBK0000810  
 SWIFT Code : KKBKINBB

Please return this form to:

**Mr. U.M. Galiwala**

**Programme Coordinator**

ATIRA, P.O. Ambawadi Vistar, AHMEDABAD 380015

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