



GOVT OF INDIA
MINISTRY OF TEXTILES
INDIAN INSTITUTE OF HANDLOOM
TECHNOLOGY

CITIZEN'S CHARTER

FOULKE'S COMPOUND,
THILLAINAGAR, SALEM – 636 001
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INDIAN INSTITUTE OF HANDLOOM TECHNOLOGY
FOULKE'S COMPOUND
THILLAINAGAR, SALEM – 636 001
Phone No – 0427 2296943, Fax : 0427 2295254
E Mail : iiht.tnslm@nic.in
(Recognized by AICTE)

VISION OF THE INSTITUTE

We at IIHT, Salem, will educate the students to become enlightened professionals to lead the Textile Industry and the Society. We will provide individual attention and world class quality education in Handloom and Textile Technology and inculcate the value of Character building.

MISSION OF THE INSTITUTE

Our mission is to cater high quality technical and managerial man power for the Handloom and Textile industry and to undertake research and development programmes for its sustainable growth and maintain close liaison with the industry to enable it to face the changing technological and environmental global challenges.

QUALITY POLICY

We, at Indian Institute of Handloom Technology, Salem, are committed to develop the institute as a Centre of Excellence for education in Handloom and Textile Technology by adopting high quality practical oriented teaching – learning systems to enhance the delight of

all stakeholders. This is achieved through continual improvement in designing, developing, implementing, monitoring and evaluating the curriculum, co-curriculum and extra-curriculum alongwith faculty development programmes, research and development activities and interaction with the industry.

OBJECTIVES

- To conduct diploma in Handloom and Textile Technology of 6 Semesters Pattern and Post Diploma in Textile Processing of 3 Semester pattern.
- To impart need based training to officials of Handloom and Textile Department of state and Central Govt.
- To conduct short term training programme for the artisans of foreign countries.
- To develop new gadgets, techniques, processes etc. through continued R & D for increasing production, quality of fabric, reducing fatigue and improving the standard of living of weavers by way of increased earning.
- To disseminate technological development of the Handloom industry through exhibitions and expos.

ABOUT US

The Indian Institute of Handloom Technology Salem, is functioning under the administrative control of O/o the Development Commissioner for Handlooms, Ministry of Textiles, Government of India. The institute is located in a lush green campus of about 40 acres popularly known as Foulke's compound. Foulke's compound has a long history of 218 years from the days of the Commercial Residency of the British Imperialism to the present day.

The All India Handloom Board was constituted in 1957 under the chairpersonship of Mrs. Pupul Jayakar, the then Honorary Advisor (Handlooms). All India Handloom Board, formulated a scheme for the technological upgradation and to cater trained technical personnel to the Handloom Industry. Hence it was decided to set up two Institutes of Handloom Technology, one for the South and the other one for the North.

The committee, selected Salem for locating the Institute as it was the biggest Handloom hub in the South.

The Textile Institute at Washermanpet, Chennai under the control of the Madras Govt was taken over with staff and equipment, shifted to Salem and established as an **Indian Institute of Handloom Technology in the year 1960. The Salem Institute was formally inaugurated on 11th October 1960 by Shri K Kamaraj the then Hon'ble Chief Minister of Tamilnadu.**

The year 1975 was an year of great significance for the Handloom Industry in general and to this Institute in particular. It was during this year (from 01 .07.1975) the Prime Minister's 20 point Economic programme was launched. One of the points in the programme emphasized the development of the handloom industry. Subsequently, several schemes for the development of handloom Industry were initiated. A separate O/o Development Commissioner for Handlooms was established with Headquarters at Udhog Bhavan, New Delhi. Sri Mani Narayanaswamy, I.A.S. took charge as the first D.C.H.

ADDRESS OF THE 5 CENTRAL SECTOR INSTITUTES

- 1 The Director
 Indian Institute of Handloom Technology
 Foulkes Compound
 Thillai Nagar
 SALEM – 636 001
 Phone No : 0427 2296943
 E-mail ID : iiht.tnslm@nic.in

- 2 The Director

Indian Institute of Handloom Technology

Chowkaghat

VARANASI (UP) - 221 002

Phone No : 0542-2203833

E-mail ID : iihtvna@gmail.com

- 3 The Director
Indian Institute of Handloom Technology
Jawahar Nagar, NH-37
Khanapara
GUWAHATI (ASSAM) - 781 022
Phone No : 036 2301670
E-mail ID : iihtghy@sancharnet.in
- 4 The Director
Indian Institute of Handloom Technology
Radhakrishnapuram, Nayapura
Chopasni, Chokha Road
JODHPUR (RAJASTHAN) 342 001
Phone No : 0291 2767480
E-mail ID :
- 5 The Director
Indian Institute of Handloom Technology
Khedapati, Bhatli Road
BARGARH (ODISSA) - 768 030
Phone No : 06646-231491
E-mail ID : iihtbargarh@gmail.com

ADDRESS OF STATE SECTOR INSTITUTES

1. The Principal
Karnataka Handloom Technology Institute
Narasapur
GADAG BETGERI(KAR) - 582 102
Phone No : 08372 245830
E-mail ID : principalkhtigadag@gmail.com

2. The Executive Director
Indian Institute of Handloom Technology
Thottada - (PO), Kizhunna
KANNUR - 7 (KERELA)
Phone No : 0497 2739322
E-mail ID : info@ihttkerala.org

3. The principal
Indian Institute of Handloom Technology
Government of Chhattisgarh
Hanuman Dhara Road
CHAMPA
CHHATTISGARH-495 671
Phone No : 07819 245111
E-mail ID :

4. The Principal
SPKM
Indian Institute of Handloom Technology
VENKATAGIRI -524 132
Nellore - Dist (AP)
Phone No :08625 255335
E-mail ID : iihtvgr@gmail.com

**ADDRESSES OF STATE GOVERNMENT OFFICES OF
HANDLOOM AND TEXTILES (Sponsors candidate for DHTT)**

1. The Director of Handloom and Textiles
Government of Tamil Nadu
Kuralagam, 2nd Floor.
CHENNAI – 108
2. The Commissioner of Textiles Development,
Rastrathana Parishad
14/3A, 3rd Floor
Nrupathunga Road
BANGALORE – 2
3. The Commissioner & Director of Handloom and Textiles,
Apparel Exports Park
Government of Andra Pradesh
BRKR Building,
Tank Bund Road
HYDERABAD – 500 063 (AP)
4. The Director of Handloom and Textiles
IVth Floor,
Vikas Bhavan
TRIVANDRUM – 695 033
5. The Registrar of Co-Operative Society
Co-Operative Department
Government of Puducherry
PUDUCHERRY-9
6. The Asst Director (Training)
State Directorate of Craftsman (Training)
TCP Section
Neugi Nagar
PANAJI (GOA)– 403 001

Application for admission to DHTT will be issued by the respective state Govt offices during the month of May every year.

REGULAR COURSES OFFERED

- Diploma in Handloom and Textile Technology of Six Semester duration pattern.
- Post Diploma in Textile Processing of Three Semester duration.

ADMISSION PROCEDURES

Course- I : Diploma in Handloom and Textile Technology.
(6 Semesters)

Total No of Seats : 75 Seats.

The 75 Seats for the IIHT, Salem are filled through the following State Governments as per the allotment of seats given below:-

• Tamilnadu	-	26
• Andhra Pradesh	-	15
• Karnataka	-	15
• Kerala	-	15
• Goa	-	01
• Pudhucherry	-	03
Total	-	75

The seats will be filled following the reservation policy of the respective States. 20% of seats are exclusively reserved for Weavers category. The admission will be made strictly on merit basis through counselling.

The advertisement for admission to DHTT will be released in the leading News Papers in the respective states tentatively on 10th May every year . The last date for receiving filled in application is 10th June.

Eligibility Criteria - **Educational Qualifications.**

The candidate should have passed X Std or equivalent
With English as subject of study to be eligible for

admission to Diploma Course in Handloom and Textile Technology (DHTT).

Age Limit.

The age of candidate should be between 15-23 years and for SC/ST candidate should be between 15-25 years as on 1st July every year.

Stipend - Rs 400/- per month for I and II Semester Rs 450/- per month for III & IV Semester and Rs 500/- per month for V and VI Semester.

DIPLOMA IN HANDLOOM AND TEXTILE TECHNOLOGY (DHTT)

FEE STRUCTURE

Particulars	Ist Semester Rs	III and V Semesters	IV, VI Semesters
Admission Fee	100/-	100/-	100/-
Tuition Fee	1000/-	500/-	500/-
Examination Fee	100/-	100/-	100/-
Hostel Rent	500/-	500/-	500/-
Students Recreation Club Subscription	200/-	100/-	100/-
Sports Club and Games Fee	300/-	200/-	200/-
Institutional-Cum-Welfare Fund (Every Year)	1000/-	1000/-	Nil
Caution Deposit (Refundable - One Time)	1000/-	Nil	Nil
Caution Deposit Hostel (Refundable – One Time)	2000/-	Nil	Nil
Total	Rs 6200/-	Rs 2500/-	Rs 1500/-

CURRICULUM SCHEME
DIPLOMA IN HANDLOOM AND TEXTILE TECHNOLOGY

DHTT – SEMESTER I

Code	Name of Subject	No of Hours/ Week	Marks			Passing Minimum
			Internal	External	Total	
1.1	English-I	4	20	80	100	In each subject at least 35% in External and 40% in Total
1.2	Applied Mathematics	4	20	80	100	
1.3	Applied Physics	4	20	80	100	
1.4	Applied Chemistry	4	20	80	100	
1.5	Chemistry Practice	6	20	80	100	
1.6	Handloom Weaving Practice -I	9	20	80	100	
1.7	Engineering Drawing Practice	3	20	80	100	
	Total	34	140	560	700	

DHTT – SEMESTER II

Code	Name of Subject	No of	Marks
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		Hours/ Week	Internal	External	Total	Passing Minimum
2.1	Weaving Technology & Textile Calculations- I	4	20	80	100	In each subject at least 35% in External and 40% in Total
2.2	Fabric Structure & Analysis-I	4	20	80	100	
2.3	Material Science & Engg Mechanics	4	20	80	100	
2.4	Fiber & Yarn Technology	4	20	80	100	
2.5	Overview of Design & Principles of Textiles Designing Practice	6	20	80	100	
2.6	Handloom Weaving Practice-II	9	20	80	100	
2.7	Communication Skills- Practice	3	20	80	100	
	Total	34	140	560	700	

DHTT – SEMESTER III

Code	Name of Subject	No of Hours/ Week	Marks			Passing Minimum
			Internal	External	Total	
3.1	Weaving Technology & Textile Calculations- II	4	20	80	100	In each subject at least 35% in External and 40% in Total
3.2	Fabric Structure & Analysis-II	4	20	80	100	
3.3	Chemical Processing of Textiles –I	4	20	80	100	
3.4	Ecology & Pollution Control in Textile Industry	4	20	80	100	

3.5	Chemical Processing Practice-I	6	20	80	100	
3.6	Power Loom Weaving Practice-I	9	20	80	100	
3.7	Computer Application Practice	3	20	80	100	
	Total	34	140	560	700	

DHTT – SEMESTER IV

Code	Name of Subject	No of Hours/ Week	Marks			Passing Minimum
			Internal	External	Total	
4.1	Weaving Technology & Textile Calculations-III	4	20	80	100	In each subject at least 35% in External and 40% in Total
4.2	Fabric Structure & Analysis-III	4	20	80	100	
4.3	Chemical Processing of Textiles-II	4	20	80	100	
4.4	Professional Ethics and Personality Development	4	20	80	100	
4.5	Chemical Processing Practice-II	6	20	80	100	
4.6	Power Loom Weaving Practice-II	9	20	80	100	
4.7	Textile Testing Practice-I	3	20	80	100	
	Total	34	140	560	700	

DHTT – SEMESTER V

Code	Name of Subject	No of Hours/ Week	Marks			Passing Minimum
			Internal	External	Total	
5.1	Weaving Technology & Textile Calculations-IV	4	20	80	100	In each subject at least 35% in
5.2	Fabric Structure &	4	20	80	100	

	Analysis-IV					External and 40% in Total
5.3	Chemical Processing Textiles-III	4	20	80	100	
5.4	Principles of Textile Testing	4	20	80	100	
5.5	Chemical Processing of Practice-III & CCM	6	20	80	100	
5.6	Jacquard Weaving & CATD Practice-I	6	20	80	100	
5.7	Textile Testing Practice-II	6	20	80	100	
	Total	34	140	560	700	

DHTT – SEMESTER VI

Code	Name of Subject	No of Hours/ Week	Marks			Passing Minimum
			Internal	External	Total	
6.1	Weaving Technology & Textile Calculations-V	4	20	80	100	In each subject at least 35% in External and 40% in Total
6.2	Fabric Structure & Analysis-V	4	20	80	100	
6.3	Chemical Processing of Textiles-IV	4	20	80	100	
6.4	Principles of Management and Entrepreneurship	4	20	80	100	
6.5	Chemical Processing Practice-IV & CCM	6	20	80	100	
6.6	Jacquard Weaving & CATD Practice-II	6	20	80	100	
6.7	Project Work	3	20	80	100	
	Total	34	140	560	700	

COURSE –II POST DIPLOMA IN TEXTILE PROCESSING

Duration of the Course: 3 Semesters

Total No of Seats : 10 Seats. (27% , 15% and 7.5% seats will be reserved for OBC, SC and ST candidates respectively)

Eligibility Criteria : A candidate having three years Diploma in Handloom Technology/Diploma in Handloom & Textile Technology/Diploma in Textile Technology/Textile Chemistry/ Textile Processing from a recognized institute
OR
Any Science Graduate from a recognized College/University or BSc. in Home Science passed with Physics and Chemistry Subjects at 10 +2 /Intermediate level.

Stipend: Stipend Rs 500/- per month

Admission Procedures : Admission strictly on merit basis through counselling at the respective Institutes. Advertisement inviting application is released every year in the month of May/ June in all leading news papers.

FEE STRUCTURE

Particulars	Ist Semester Rs	IInd Semester Rs	IIIrd Semester Rs
Admission Fee	100	Nil	Nil
Tuition Fee	1000	1000	1000
Examination Fee (Per Semester)	100	100	100
Hostel Rent	500	Nil	250
Students Recreation Club Subscription	200	Nil	100
Sports Club and Games Fee	300	Nil	150
Institutional-Cum-Welfare Fund	1000	Nil	500
Caution Deposit (Refundable)	1000	Nil	Nil
Caution Deposit Hostel (Refundable)	2000	Nil	Nil
	6200/-	1100/-	2100/-

**CURRICULUM SCHEME
POST DIPLOMA IN TEXTILE PROCESSING**

PDTP I SEMESTER

Sub Code	Subject	Hours/Week	Class Marks	Exam Marks
1.01	Fibre Science	04	50	100
1.02	Technology of Bleaching	04	50	100
1.03	Technology of Dyeing-I	04	50	100
1.04	Technology of Printing-I	04	50	100
1.05	Introduction to Textile Manufacture	04	50	100
1.06	Technical Analysis	15	50	100
	Seminar and Test	01	-	-
		36	300	600

PDTP II SEMESTER

Sub Code	Subject	Hours/Week	Class Marks	Exam Marks
2.01	Technology of Dyeing	04	50	100
2.02	Technology of Printing-II	04	50	100
2.03	Technology of Finishing	04	50	100
2.04	Environmental Chemistry	04	50	100
2.05	Chemistry of Textile Auxiliaries	04	50	100
2.06	Experimental Dyeing	16	50	100
	Printing and Finishing	36	300	600

PDTP III SEMESTER

Sub Code	Subject	Hours/Week	Class Marks	Exam Marks
3.01	Chemistry of Intermediates and Dyes	04	50	100
3.02	Management and Computer Programming	04	50	100
3.03	Textile Testing Theory	04	50	100
3.04	Textile Testing Practice	09	50	100

3.05	Dye House Practice	12	50	100
3.06	Project	02	50	100
	Seminar and Test	01	-	-
		36	300	600

ACADEMIC CALENDER FOR SEMESTER
(Approved by Board of Academic Affairs of IIHTs)
ODD SEMESTER (ACADEMIC ACTIVITIES)

S No	Period	Activity	Remarks
1	01 st July to 15 th July	Admission (Semester-I)	Counselling by the respective Institute
	16 th July	Admissions (Semester III & V)	-
	16 th July to 31 st July	Admissions (Semester I)	1.II/III Counselling on the basis of inter state vacancy by respective Institute. 2. Inter institute counselling
2	17 th July	Academic Activity Starts (Semester I, III & V)	-
3	16 th Nov to 5 th Dec	Semester Examination (I, III & V)	-
4	6 th Dec to 25 th Dec	Semester Holidays	Semester exam result will be declared at the end of semester holiday or beginning of next semester IV. Semester students have to perform educational tour. VIth Semester students have to undergo project study.

EVEN SEMESTER (ACADEMIC ACTIVITIES)

S No	Period	Activity	Remarks
1	26 th Dec	Admissions (Semester II, IV & VI)	-
2	27 th Dec	Academic Activity Starts (Semester II, IV & VI)	-
3	26 th Apr to 15 th May	Semester Examination (II, IV & VI)	-
4	16 th May to 15 th July	Semester Holidays	Advertisement for admission to DHTT and admission process and declaration of results will take place during this period

ADVISORY BODIES OF IIHTs

Constituted by the Development Commissioner (Handlooms), New Delhi to formulate policies on the administrative matters of the Institute. The present composition of the Governing Body is the following :-

Governing of Body IIHTs

1	Development Commissioner for Handloom -	Chairman
2	Director General, NIFT, New Delhi -	Member
3	Secretary (Handlooms) Govt of West Bengal -	Member
4	Director (Handlooms) Govt of Tamil Nadu -	Member
5	Director (Handlooms) Govt of Jharkhand -	Member
6	Deputy Secretary/Director (Finance), MOT-	Member
7	Prof. A K Gupta, Deptt. Of Textile Technology, IIT, New Delhi -	Member
8	Head of Textile Technology, IIT, Delhi -	Member
9	Representative of All India Counsel of Technical Education Delhi -	Member
10	Director, IIHT, Jodhpur -	Member
11	Director, IIHT, Salem -	Member
12	Director, IIHT, Varanasi -	Member
13	Director, IIHT, Guwahati -	Member
14	Director, IIHT, Bargarh -	Member

15	Principal, SPKM IIHT, Venkatagiri -	Member
16	Principal, KHTI, Gadag -	Member
17	Principal, IIHT, Champa -	Member
18	Executive Director, IIHT, Kannur -	Member
19	ADC/DDC- In-Charge of IIHTs -	

BOARD OF ACADEMIC AFFAIRS OF IIHTs (BOAA).

Constituted by the Development Commissioner (Handlooms), New Delhi to look after the academic affairs of Institute. The present composition of the (BOAA) is the following.

1.	Dr. S M Chatterjee, Ex Vice Chancellor, Bengal Engg. Sc. University	- Chairman
2	Dr. D K Batra Head of Academic Affairs, NIFT, New Delhi	- Member
3	Prof. A K Gupta, Deptt of Textile Technology, IIT, New Delhi	- Member
4	Dr. Prakash Vasudevan, Director, SITRA Coimbatore	- Member
5	Dr. Venkat Rao, Director, NITRA, Ghaziabad, New Delhi	- Member
6	Dr. KK Goswami, Indian Institute of Carpet Technology, Bhadohi, UP	- Member
7	Prof G S Bhargava, Ex- Principal, Govt, Central Textile Institute, Kanpur	- Member
8	Shri.V.K Bharadwaj, Director, IIHT Jodhpur	- Convener
9	Director, IIHT, Salem	- Member
10	Director, IIHT, Varanasi	- Member
11	Director, IIHT, Guwahati	- Member
12	Director, IIHT, Bargarh	- Member
13	Principal, SPKM IIHT, Venkatagiri	- Member
14	Principal, KHTI, Gadag	- Member

- 15 Principal, IIHT, Champa - Member
 16 Executive Director, IIHT, Kannur - Member

Constitution of Sub Committees with in BOAA

- **Sub Committee - I** : For preparation, moderation and printing of Question papers

The Members are:-

- 1 . Chairman
- 2 Director/ Officer –in-Charge of all IIHTs
- 3 Convenor*
- 4 Experts for ancillary subjects viz, English, Physics, Maths etc. **

- **Sub- Committee – II** : For Declaration of Results

The Members are :-

- 1 Chairman
- 2 Convenor*
- 3 One Director/ OIC from Central Sector Institute ***
- 4 One Principal/OIC from State Sector Institute ***

* Convenor – Director/Head of the Institute of Examination Cell

** The experts from the location where the meeting of sub committee is held.

*** One Director/OIC from Central Sector Institute and one Principal/OIC from State Sector Institute for Sub Committee – II will be on rotation basis.

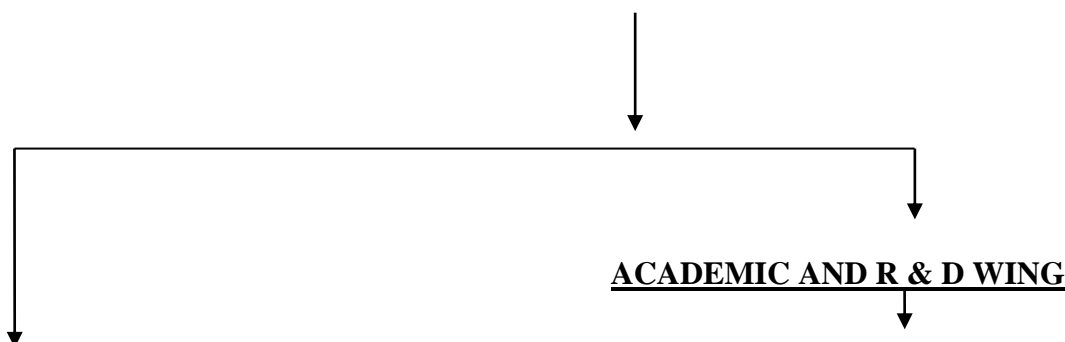
These two sub committees will meet twice in a year

Meeting of BOAA. - Once in a year along with Governing Body (G.B.) to facilitate ratification of decisions taken in the meeting of BOAA by G.B.

INDIAN INSTITUTE OF HANDLOOM TECHNOLOGY, SALEM

ORGANISATION CHART

DIRECTOR



ADMINISTRATION

Assistant Director
 Assistant
 Library & Information Assistant
 Junior Hindi Translator
 Stenographer
 UD Clerk
 LD Clerk
 LD Clerk (Hindi Typist)
 Multi Tasking Staff

PREPARATORY,WEAVING&TESTING

Senior Lecturer (Textiles)
 Junior Lecturer (Textiles)
 Workshop Superintendent
 Senior Instructor (Weaving)
 Instructor (Weaving)
 Demonstrator (Weaving)
 Workshop Foreman
 Lab Technician (Weaving)
 Lab Attendant (Weaving)
 Lab Attendant (Workshop)

DYEING ,PRINTING & FINISHING

Reader (Textile Processing)
 Senior Lecturer (Processing)
 Instructor (Processing)
 Demonstrator (Processing)
 Lab Technician (Processing)
 Lab Assistant (Processing)
 Lab Attendant (Processing)

INFRA STRUCTURE**Academic Facilities**

- **Class Rooms** - Separate class rooms equipped with Computer and LCD

Projector are available for DHTT and PDTP Semester Students.

- **LABS**

Weaving Lab

Weaving Section is equipped with large number of Handlooms and Powerlooms for giving hands on experience to the students during the course of training such that every student is getting individual loom for training.

First year weaving lab is equipped with handlooms, preparatory equipments such as Charaka, sectional warping machine and 20 looms with different textures such as twills, mockleno, honey comb, huck -a-back etc. for practical training the students on weaving technology and fabric structure.

Second year weaving lab is equipped with 20 Handlooms for developing complex structures such as double cloth, treble cloth welt structures etc. Apart from this the students are trained in latest preparatory machines such as pirn winding, cone winding and pedal looms, ordinary power looms, automatic looms etc. for dismantling, erection and setting of these machines during final year weaving practice.

The students are given training in preparation of paper painted design for furnishing, enlargement of graphs by using various techniques such as single cloth, double cloth, pique, extra warp, patent satin etc, followed by punching of jacquard pattern cards by using piano card punching m/c, lacing and weaving of sample on jacquard looms attached with pneumatic and motorized jacquard lifting devices.

- **Dyeing and Printing Lab**

The dyeing lab is well equipped with water baths for dyeing practice and laboratory models of Roto Dyer (to dye 18 samples at a time) , Hand operated padding mangle, High temperature High Pressure beaker dyeing m/c, Hydro extractor, Winch dyeing m/c, Beam dyeing m/c, Padding, Dyeing & Thermo fixation m/c i.e. stente, Soft over flow dyeing m/c, Lab jigger, Lab Winch, to train the students individually as well as in groups so as to gain through knowledge in preparatory and dyeing process. They will also study the effect of temperature pH, time in related to their samples with various class of dyes.

The printing lab is well equipped with number of wooden blocks , screens to train the students individually in doing their class samples and project.

They will also be trained in various styles of printing like tie a dye, Batik, Kalam Kari, Stencil, Spray, Metallic Prints, with various classes of dyes on different type of material which will help them to do well in industries. The students prepare record of their dyed and printed samples of yarn and fabrics respectively with recipes and procedures.

- **Textile Testing Lab**

Textile Testing lab is equipped with modern electronic textile testing instruments. The students are allowed to work on these instruments individually to carry out testing analysis of data and test result. The standard of training enable them to get placed in international labs. The list of some important instruments are given below :-

1	Electronic Single yarn strength Tester-	For testing tenacity of yarns
2	Drape Meter-	For assessing Draping quality of fabrics.
3	GSM cutter with Electronic Balance-	For the determination of weight of fabrics in gms per square meter.
4	Abrasion and Pilling Tester-	For assessing abrasion and pilling Standards of upholstery materials.
5	Micro Scope-	To view the cross sectional and longitudinal views of fibers
6	Shirley Stiffness Tester-	Determination of opening length to assess fabric stiffness
7	Shirley Crimp Tester-	To test crimp percentage of warp and weft yarns raveled from fabrics
8	Shirley Crease Recovery Tester-	To measure the crease recovery property of fabrics in degree angle
9	Hot Air Oven-	For oven drying of yarn and fabric samples to calculate moisture regain and moisture content.
10	Wrap Reel-	To prepare samples for count andlea strength testing
11	Colour Matching Cabinet	To match the colour in different source of light
12.	Hydraulic Bursting Strength Tester.	To assess the bursting strength of knitted , Non-woven fabrics etc.
13.	Electronic Twist Tester	To test the TPI/TPM from the single and folded yarn.
14.	Elmendorf Tearing Strength Tester	To test the tearing strength of fabrics
15.	Spray Rating Tester	To determine the water repellency .

16	Electronic Lea Strength Tester	To test the lea strength of cotton yarn in lbs from the calculation of CSP (Cont for Strength Product)
17	Heal's Thickness Tester	To determine the thickness of fabrics
18	Shrinkage Testing Tester	To determine the shrinkage percentage of fabric directly after washing.
19	Laundrometer	To test the washing fastness of dyed materials
20	Crock Meter	To test the rubbing fastness of dyed materials

- **Computer Aided Textile Design (CATD) Lab**

Computer Aided Textile Designing is the prime activity of present Textile Industry. Computer Aided Textile Designing is the only source to meet the fast changing designing trends globally. CATD is an easy tool to create designing and patterns, change designs and patterns, change colour combinations etc to satisfy the buyers as well as consumers

Diploma V & VI Sem students are imparted training on figured design creation, design arrangement, design setting (Scanning) etc in respect of Dobby and Jacquard Designs. These designs can be simulated to visualize the actual size and colour appearance after weaving. These designs can also be draped on mannequins to decide the appearance of end product. This helps the buyers and the customers to their best satisfaction.

Diploma Third Year students also imparted training in creation of structural design to weave on multi treadle and lobby looms.

We are also imparting need based Short Terms Training in CATD to the Traditional Textile designs and College students who are interested in this profession.

- **Computer Colour Matching (CCM)**

CCM is used to analyse the following factors.

1. Given standard of specimen is matched and the recipe formulation is given to a dyer.

2. Colour already dyed is given a correction process and the colour is matched.
3. Set of colour are evaluated for their strength and colour properties.
4. Data base is created and fed into the computer making the shade matching a easier process.

- **Computer Lab**

Computer lab is equipped with computer systems for training the students in Computer applications. Internet facilities are also provided in a few systems to facilitate them to refer technical information for their studies and project works.

- **CHEMISTRY LAB**

Applied Chemistry Practical for I Semester students and Technical Analysis Practice for PDTP students are conducted here.

- **R & D**

R & D work is being carried out by the faculty for developing new gadgets, looms, etc. to improve the production, quality for increasing the wages and reducing the fatigue of the weaver. The following looms and techniques are readily kept in working condition for dissemination of technology through expos and exhibitions.

- a) Improved looms attached with five wheel take-up motion, fly wheel etc for producing long length fabrics with uniform picks per inch better quality and increased production.
- b) Twin cloth weaving loom for weaving two narrow width fabric & simultaneously on a single loom.

- c) Solid Korvai border weaving sley. It is an additional attachment to an existing saree weaving loom to weave solid borders without measured the productivity.
- d) Multiple butta weaving device. It is also an additional attachment to an existing sley for weaving no of small buttas (figures) across the cloth at a time. This mechanism gives high productivity and hence handloom weavers wages per day is increased.
- e) **Catch Cord Technique for Weaving Solid Border Sarees.** It is a simple technique used in a saree loom for weaving solid border sarees with single shuttle. The border weft is fed from bobbins kept separately for this purpose.

- **LIBRARY**

IIHT Salem, maintains a Library with Technical Books on the major topics of Handloom and Textiles. It has reference books, journals, magazines such as Marg, ITJ Colourage, Asian Textile Journal, Textile Trends, Textile Magazines, Information Technology, Textile Review and Colour Index Journal, News papers project reports of students etc.

- **PHOTOGRAPHIC SECTION**

Printing section is attached with a photographic section for exposing screens for printing and developing photographs.

- **WORKSHOP**

A small work shop is attached to weaving section for maintaining looms and equipments.

- **DISPLAY HALL**

A well maintained display hall is available in the Institute. Traditional sarees of India, shirting and made-up items, student project work, antique pieces of handloom weaving accessories, collection of different types of handloom shuttles used in the handloom industry are in the display. The collection of old photograph carry the visitors to their nostalgic memories of the Institute

- **ADMINISTRATIVE WING**

- Administrative Office
- Examination Cell - A co-ordinated Exam Cell of all the Institutes is functioning at IIHT, Salem

- **RESIDENTIAL FACILITIES**

- **Director's Residence** - It is located in the premises itself to have round the clock management of the campus.
- **Staff Quarters** - Quarters facilities are available for all staff.
- **Hostel Facilities for students-**

Two Boys hostel and Two Girls Hostel are available to accommodate all the students who require hostel facility . The hostel mess is managed by the elected students managing committee. It is also attached with a gymnasium and a small library for ready reference of technical book by the students in the hostel. A doctor visits twice a week for regular medical checkup for the students. T.V. facility also provided in the hostel with restricted timings

- **Rest Rooms** - Rest Rooms are available for both boys and girls

- **GUEST HOUSE**

A well furnished guest house with 4 A/c rooms is available to accommodate central and state Govt officers/Officials as guests on normal charges the guests.

- **AUDITORIUM**

An auditorium for conducting various functions like cultural programmes, Seminars, Anual Day & Meetings etc is available in the premises itself.

- **CO- CURRICULAR AND EXTRA CURRICULAR ACTIVITIES**

Guest lecturer on different technical & General topics by inviting experts are regularly being arranged by inviting entrepreneur, eminent personalities from the industry. In house seminar / inter institute seminar / general; and technical quiz programmes are being organized regularly, Cultural programme, sports day and annual day are organized in a big way by inviting chief guests. Meritorious students & champions are awarded during these functions. \

- **SPORTS INFRASTRUCTURE**

1. Well maintained football -cum-Cricket ground.
2. Two volleyball ground with seating facility for audience (boys/girls)
3. Well marked ball badminton ground for boys.
4. Concreted basketball ground for boys.
5. 3 Shuttle badminton grounds (2 for boys and one for girls)
6. Kho-kho ground for boys and girls marked inside the cricket ground at the time of annual sports.
7. Indoor games such as Table Tennis, Carrom, Chess, Weight Lifting, Tumbles, Gadha are available for boys.
8. For girls carrom, Chess, Cycling, Skipping are available.
9. A volleyball -cum- throw ball ground, Tennikoit and Shuttle Badminton grounds are available for girls.
10. For Athletics track Events, Field Events, Throw Events facilities are available.
11. A Gallery with mini stage for arranging mini sports functions is also available.

INDUSTRY INSTITUTE INTERFACE

- Industry Oriented projects are assigned to the students
- Specific trouble shooting projects sponsored by the industries are taken up.
- Dissemination of Technology through expositions and Exhibitions
- Training to weavers under various schemes and projects.
- Need based training programme to Industry people.
- Feedback from the Industry and Alumni of this Institute for updating the curriculum.
- At present the Institute is conducting training on various disciplines under ISDS programme.

Industrial and technical visits are being arranged for Diploma & PDTP students during every semester. The VI semester students visit places of handloom & Textile interest during their project study tour. Feedback from the student and the Industry through the alumni is received for referring the curriculum and other activities of the Institute.

- **CAREER OF DIPLOMA STUDENTS**

The Diploma and Post Diploma students are well placed in various organizations - Superordinate and gazetted service in State and Central Govt institutions such as Indian Institution of Handloom Technology, Weavers Service Centre, Regional Offices of the State Directorate Handloom and Textiles, Govt undertakings, State Handloom Apex Co-Operative Societies such as Co-Optex, Hantex, KHDC, APCO, NHDC, HHEC, HPC etc.

Placements as – Production Executives , Merchandisers, Designers, including CATD, Production and Quality Controller, Supervisory and Managerial Positions in Export Houses, Buying Houses, Weaving and Processing Mills, Quality Certifying labs etc.

- **ALUMNI ASSOCIATION**

Alumni association of the Indian institute of handloom technology is successfully functioning at IIHT Salem. The association is functioning for the benefit of old students and those studying in the institute. The employment cell of the association co ordinates with the institute to conduct campus interviews. The old students of this institute have sponsored many awards for the meritorious students and all-rounders. They are awarded during the annual day of the institute. Apart from this the association also extends financial support for poor and needy students

The Association organizes Seminars, Get togethers and also Publish Journals and Handbooks Periodically

The general body meeting of the association is held on the last day Sunday of April every year. Availing this opportunities the old students of different batches meet and cherish their memories

INDUSTRY INSTITUTE LINGAGE

Industrial and Technical visits are being arranged for Diploma and PDTP students during every semesters. The VI semester students visits places of Handloom and Textiles interest during their Project study tour. Feed back from the students and the Industry through the Alumini is received from refining the curricular and other activities of the Institute.

Co-Curricular and Extra Curricular Activities. Guest lectures by inviting experts are being arranged entrepreneur eminent personalities from the Industry. In-house seminar/ Inter Institute seminar General and Technical quiz programmes are being organized regularly. Cultural programmes, Sports Day and Annual Day are organized in a big way by inviting Chief Guests. Meritorious students and champions are awarded during these functions.

DISPLAY HALL

A well maintained display hall is available in the Institute. Traditional Sarees of India Shirting and Made-up items, students project work, antique pieces of Handloom weaving accessories, collection of different types of handlooms shuttle used in the Handloom industry are in the display. The collection of old photographs carry the visitors in their nostalgic memories of the Institute.

Data Source : Co-ordination Section

Date : 12.09.2013