

Facilities

Infrastructure Facilities

Experiential learning Centre on 'Apparel Production Management'

Experiential learning Centre was established in the year 2008-09 with financial support from ICAR, New Delhi with the objective to provide interactive learning experience in apparel production and generation of human resource to promote employment opportunities and entrepreneurial abilities through integration of basic knowledge and experiential learning. Under Experiential learning, professional package offered by the department is based on **Apparel and Home Textile Production** which aims at developing students as professionals required for garment industries. Highly interactive and problem-solving approach is being adopted for providing instructions to the students.

The Experiential learning center comprised of three units- Design studio

- To impart knowledge and skill of students in fashion designing and pattern making, they are given practical exposure in design studio, where each student design fashion sketches with and develop creative designer dresses using graphic design software and pattern making Softwares. The Design studio have the software of fashion and textile designing such as Tukatech – Pattern making, grading and marker making and Tukastudio with seven modules – design and repeat, colour ways, colour reduction and cleaning, knits, weave, jacquard storyboards, etc. besides having digitizer, plotter and LCD for presentation and group discussion.



- **Apparel Production unit**

The Apparel Production Unit is equipped with technologically advanced industrial machines such as Flat Lock, Bar tacking, Fusing Machine, Button Attaching, Picoting, Computerized Embroidery Machines, etc.



The Students develop theme-based project after market survey, undertake production and marketing and do accounting.

- **Retail Unit**

A good number of **designers Apparels and Home Textiles** products developed by vocational students, as part of experiential learning are consistently being sold from the retail outlet of the university over the years which depicts students hard work, creativity, artistic talents and skill in handling variety of fabrics.



The profit generated from selling of the products is being shared among trainees (50%) and faculty (10%). The remaining 40% is deposited in Infrastructure Development fund of the Department.

The contingency provided during initial stage was used as Revolving fund and a handsome sell of Rs 8.10 lakh has been done till December 2019. The revenue generated yearly after distributing 50% profit among vocational students is deposited in Developmental fund of the department.

Smart Classroom

- Smart Classroom with Interactive Electronic board and internet facility

Other Laboratories

The department has well developed laboratories. These laboratories are equipped with latest and sophisticated machinery and instruments to provide outstanding hands on experience to the students.

- Garment Construction lab
- Draping lab
- Computer Aided Designing lab
- Weaving & Knitting lab
- Laundry lab
- Dyeing & Printing lab
- Textile Quality testing lab
- Textile Chemistry lab
- Research lab

Equipment

Drape meter, Colorimeter, Digital Twist tester, Fabric thickness tester, Fabric stiffness tester, UV Spectrophotometer, Abrasion tester, Table loom, Dobby loom, Computerized Embroidery Machine, Circular knitting machine, Over lock machine, Spectrophotometer, Button hole machine, Flock printing machine, Picoting machine Fadeometer, Bar tacking machine, Launder meter, Hemming machine, Crockmeter, Dye extraction plant Centrifuge, Fabric tensile tester, Automatic Steam press unit, Twist tester, Flocking machine, Fibre fineness, Fibre maturity tester, Button attaching machine, Fibre strength tester, Beesley balance, HTHP dyeing machine, Digitizer, etc.

The Department also organizes workshops and lectures by professionals to encourage the students in generating novel areas of research. Curriculum delivery is also supported by state – of art machinery, equipment's and facilities.