

## **Department of Clothing and Textiles**

The Department disseminates knowledge of textile fibres, yarns and fabrics through various courses related to Clothing and Textiles. The students are well versed with the latest developments in apparel manufacturing, fashion designing and textile designing. They acquire relevant skills in these areas and also in designing of handicrafts and hand dyed and printed items. C.A.D for pattern making, marking, layout and textile designing are taught at both undergraduate and postgraduate level. The students are exposed to various levels of marketing so that they can visualize themselves as entrepreneurs.

### **Passed out post graduate students**

Ø **M.Sc.:119**

Ø **Ph.D. : 21**

### **Facilities**

- Ø Weaving Laboratory
- Ø Clothing Construction Laboratory
- Ø Dyeing and Printing Laboratory
- Ø Textile Testing Laboratory
- Ø Computer Laboratory
- Ø Laundry Laboratory
- Ø Blending and Spinning Laboratory

### **Research Areas**

- Ø Natural dyes
- Ø Unconventional fibres
- Ø Income generation through textile handicrafts
- Ø Fibre blending
- Ø Standardization of basic bodice block
- Ø Textile dyeing and printing
- Ø Textile processing
- Ø Textile structure

## **Extension Activities**

Demonstration of technique and training is organized from time to time on the following topics for the rural and urban clientele:

- Ø Extraction and application of natural dyes
- Ø Dyeing and printing
- Ø Unconventional fibre processing
- Ø Textile handicrafts
- Ø Apparel designing

## **Research Projects Undertaken**

- Ø Standardization of body measurements of children ages 3 to 7 years, to develop basic bodice block and create designed garments
- Ø Study on carpet units of selected areas of Uttar Pradesh and development of designs
- Ø Study of non-textile fibrous materials and their utilization
- Ø Evaluation of cleansing properties of synthetic detergents
- Ø Process development for extraction and standardization of natural dyes and their applications
- Ø Blending and processing of wool with specialty hair fibres to empower rural women
- Ø Value addition of agro and animal based fibres
- Ø Evolution of textile articles through processing of wool with silk waste and cotton to create entrepreneurial skills in rural women

## **Ongoing research projects/ funding agency/ details of work**

- Ø All India Coordinated Research Project on “Value addition of agro and animal based fibres”
- Ø National Fellow project on “Evolution of textile articles through processing of wool with silk waste and cotton to create entrepreneurial skills in rural women”

## **Departmental Publications**

- Ø **Research Papers published in National Journals : 239**
- Ø **Research Papers published in International Journals : 28**
- Ø **Books : 11**

Ø	<b>Book chapter</b>	<b>: 14</b>
Ø	<b>Review paper</b>	<b>: 99</b>
Ø	<b>Popular article</b>	<b>: 18</b>
Ø	<b>Abstract</b>	<b>: 22</b>
Ø	<b>Lab manual developed</b>	<b>: 5</b>

### **Consultancy**

- Ø Techniques of dyeing and printing of textiles.
- Ø Value addition of garments and garment construction.
- Ø Techniques of extraction and blending of fibres.
- Ø Extraction natural dyes from plant materials

### **Contact for Information**

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