



Institute of Home Economics  
University of Delhi  
Accredited 'A' Grade by NAAC  
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**Activities of the**  
**Department of Fabric and Apparel Science**  
**(2022-23)**

The Department of Fabric and Apparel Science organized varied activities with the aim to sensitize the students with industry and academia interface as well as to orient the students with new innovations in the field of Fabric and Apparel. With the view to fulfill these objectives, the Department organized various seminars, webinars, workshops and interactive talks.

**- Seminars and Webinars**

Department of Fabric and Apparel Science organized an online talk on 27<sup>th</sup> August 2022 on **Khadi- An Individual's Journey** for which **Prof. Himadri Ghosh** was the esteemed speaker. The talk was organized to mark the occasion of **8<sup>th</sup> National Handloom Day**. Prof. Ghosh is a well known design educator among various well known design colleges India and Abroad. Prof. Ghosh is former principal designer- NID Ahmedabad, M.S. University of Baroda and Scindia School.

The talk was attended by 33 B.Sc. and M.Sc. students and 12 faculty members of the department. Dr. Preeti Kaur Sachdeva introduced Prof. Ghosh to the attendees and requested Prof. Ghosh to share his experiences working with Khadi. Prof. Ghosh gave introduction to Khadi and its manufacturing process. He talked about the various practical challenges they had faced spinning khadi yarn and how they overcame those challenging situations and could spin a yarn to make khadi. He gave an insight to his experience of working with different artisan groups across various states of India. He shared his journey of working on 10 UNDP projects for the handloom and handicraft sector and its artisans. He talked about how women in Bhuj worked to embroider and stayed in a dark room throughout their lives and never got to see the Sun. He talked about how the ambar charkha was the most preferred choice throughout the artisans groups but in North East India, one group of artisan uses charkha driven by hydel power.

He also discussed his journey as Principal designer with National Institute of Design, Ahmedabad. He shared that under one of his UNDP projects, he got the opportunity to set up Handloom School for education, handholding, design intervention to craft of Artisans.




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DEPARTMENT OF FABRIC AND APPAREL SCIENCE  
INSTITUTE OF HOME ECONOMICS (UNIVERSITY OF DELHI)

Under the aegis of DBT 'Star College Scheme' and IQAC  
Invites you to a talk on

**KHADI- AN INDIVIDUAL'S JOURNEY**  
to mark the occasion of 8th National Handloom Day

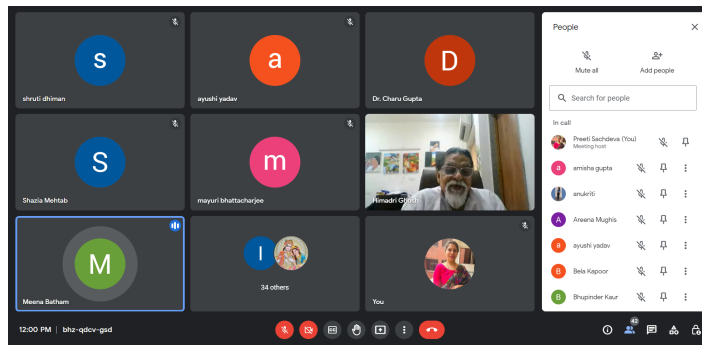
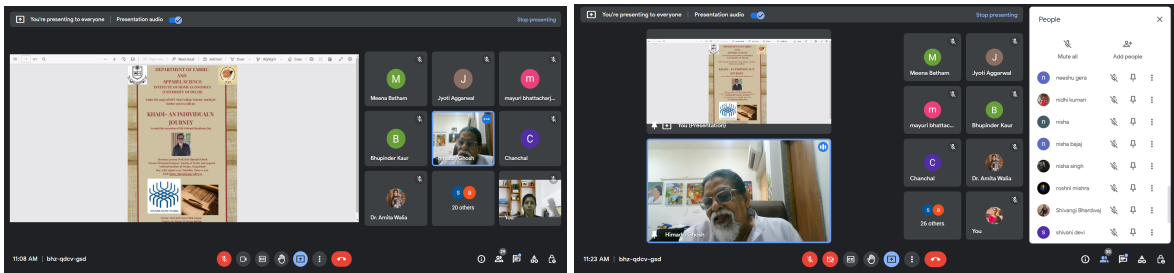


Resource person: Prof. (Dr) Himadri Ghosh  
Former Principal Designer, Faculty of Textile and Apparel,  
National Institute of Design, Ahmedabad  
Day: 27th August 2022, Saturday, Time: 11 a.m.  
Link: <https://tinyurl.com/sb2z79>



Patron : Prof. (Dr) Geeta Trilok Kumar  
Teacher-in-charge: Dr Meena Batham  
Organiser: Dr Preeti Kaur Sachdeva

### Webinar by Prof. (Dr) Himadri Ghosh



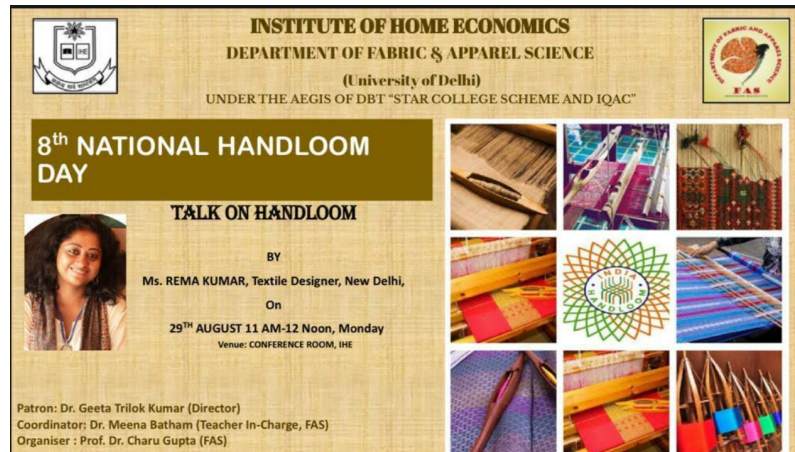
### Webinar attended by Various Participants



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Department organised a talk on **Handloom on 29<sup>th</sup> August 2022**. **Ms. Rema Kumar, Textile Designer** was the esteemed speaker invited to address the students and faculty members.



### Talk by Ms. Rema Kumar

The talk was organized to mark the occasion of **8<sup>th</sup> National Handloom Day** and was attended by 65 students and 12 faculty members. Dr Charu Gupta introduced the speaker for the day. Rema Kumar, textile designer based in New Delhi, has been working with weavers and master craftsmen of India for the last 28 years. After completing her masters in Textile Designing and Clothing from Chennai, she began her career in home-furnishings in 1994 with a leading export house, which also saw her designs being exhibited in various home textile fairs in Frankfurt, Paris and Tokyo.

Ms. Rema Kumar gave a presentation to show her work done over years with handloom weavers of Balaramapuram, Kancheepuram, Mangalgiri, Ponduru, Pedana, Machilipatnam, East Godavari District to Champa, Chhattisgarh, Kota, Maheshwar, Chanderi, Himachal Pradesh, Odisha, Kutch, Assam to as far north as Ukhimath in Uttarakhand to produce saris, dupattas, stoles, shawls and yardage.

She mentioned how she introduced the pipli applique work of odisha into handwoven sarees. She adds on the finer details to these handwoven sarees and fabrics by way of block prints (she designs and develops her own blocks), Kalamkari from Srikalahasti and Pedana, Soof embroidery from Bikaner, Chikan work from Lucknow, Cutwork and Applique from Bikaner, Patti Work and Kaamdana from Aligarh, Kantha from Murshidabad, Bandini, Batik, Shibori, Ajrakh printing from Kutch, Lambani Embroidery from Karnataka, Pipli appliqué from Odisha. She presented her signature sarees and also mentioned what all hardships go when any textile designer goes to work in remote areas amongst the craftsmen and artisans.

She is mentioned to have organized Ramp walk for girls in a village who were involved in setting up a boutique for her and made a collection of sarees, skirts and dupattas. The developed designer garments were worn by the ladies involved in the manufacturing process to present as a show for the villagers. Ms. Kumar emphasized upon the need to educate the new generation about the handwoven sarees, its legacy and the hardships of artisans who weave in over months.



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She urged students to wear handloom sarees whenever they can to develop love for sarees. The talk was insightful for all the attendees looking at exquisite work done by the Designer.



**Talk by Ms. Rema Kumar**



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## - WorkShops for Students

A **workshop on Crochet** was organized by the Department of Fabric and Apparel Science on 12 September 2022 to mark the occasion of '**International Crochet Day**'. The objective of the workshop was to introduce the students to the craft of crochet, practiced traditionally in Indian households but that has lost its charm in the recent past. The workshop was planned to revive the craft of Crocheting and to imbibe a sense of pride amongst the students in doing hand work.



### Crochet Workshop

Students were introduced to the various products that can be created through the craft of crochet by power point presentation and display of sample articles. Basic crochet stitches like slip, chain, single crochet and double crochet were introduced to the participants. The learners were also

taught how to make a flower using these crochet stitches. An effort was also made to teach participants how to make final products like necklaces and earrings using the basic crochet flower.

The workshop was attended by the undergraduate and postgraduate students of the college. A faculty and student of ATDC also attended the workshop. Two alumni of the department also



attended the workshop. Follow up sessions after the workshop helped students to reach the stage of final product based on their learning during the workshop.



**Student Participation in Crochet Workshop**

On the 9th of November 2022, the Department of Fabric and Apparel Science organized an enlightening **workshop on Eco-Printing**. This workshop aimed to introduce undergraduate and postgraduate students to the innovative and sustainable art of eco-printing, merging the worlds of textile design and environmental consciousness. The workshop commenced with an informative session on the principles, techniques, and significance of eco-printing. Participants were introduced to the concept of using natural plant materials to create stunning imprints on fabric.

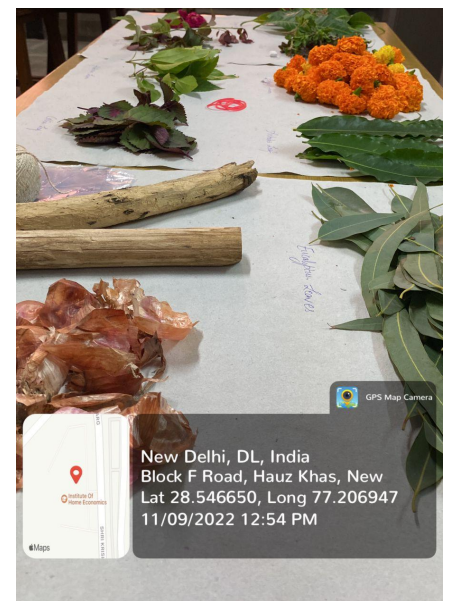
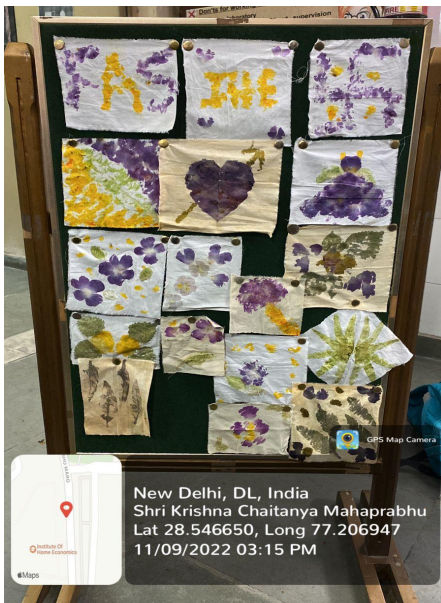
The heart of the workshop was a hands-on experience, where students actively engaged in the process of eco-printing. Under the guidance of skilled instructors, participants selected leaves, flowers, and plant materials and learned how to transfer their intricate shapes and colors onto fabric. Approximately 50 enthusiastic undergraduate and postgraduate students participated in the workshop. Their eagerness to learn, experiment, and create demonstrated their genuine interest in exploring innovative textile techniques.

The organizing faculty team demonstrated the process of eco-printing with students which included the various steps which are as follows:

- Desizing and scouring of cotton fabric
- Pre - mordanting (10% o.w.f) with Alum, Harad, and Ferrous Sulphate.
- Transfer of colorant from natural sources on fabric by pounding and steaming techniques
- Fixation of color by aging and curing.



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### A Glimpse of the Eco-Printing workshop

The Department of Fabric and Apparel Science organized a **workshop on Kashmir Velvet Hand Embroidery**, which took place on the 21st of February 2023. The workshop aimed to introduce participants to the exquisite art of Kashmiri velvet hand embroidery, a traditional craft renowned for its intricate designs and meticulous craftsmanship.

Mr. Balkishan, a skilled handwork artist renowned for his expertise in Kashmiri velvet embroidery, was invited as the guest instructor. His wealth of knowledge and experience added a unique



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dimension to the workshop. The workshop began with an in-depth exploration of the history, techniques, and patterns of Kashmiri velvet hand embroidery. Participants gained insights into the cultural significance and evolution of this artistic tradition.

Mr. Balkishan led a comprehensive hands-on session, guiding participants through the step-by-step process of creating intricate velvet embroidery designs. Participants were provided with the necessary materials, including fabric, needles, threads, and embroidery hoops. Participants experimented with different stitches, colors, and patterns, producing unique interpretations of Kashmiri velvet embroidery. The event successfully brought participants closer to the exquisite art of Kashmiri embroidery, fostering an appreciation for its intricate beauty and historical significance.



## Hand Embroidery Workshop





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## Inauguration of "Center for Sustainable Textiles"

On the 9th of November 2022, a momentous occasion marked the inauguration of the 'Center for Sustainable Textiles' by the department, a pioneering initiative aimed at advancing knowledge and promoting sustainable practices within the realm of textiles.

The center's establishment reflects a commitment of the department to educate and inspire young minds to embrace eco-conscious approaches in the field of textile design and production.

Department inaugurated the center with the mission to organize interactive workshops, seminars, and lectures on a wide spectrum of topics related to sustainable textiles. These events will provide students with a platform to engage with experts, exchange ideas, and gain practical insights.

The center's inauguration reaffirmed the department's dedication to nurturing a new generation of textile professionals who are equipped to tackle the challenges of environmental sustainability while contributing to the growth of the industry.



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**Cordially Invites you for the  
Inauguration of**

# Centre for Sustainable Textiles

**Activity: Workshop on Eco-printing**

**9th November 2022, 1:00 pm onwards**

**Venue: Room No- 6**



**Patron:**  
Prof. (Dr) Geeta Trilok Kumar

**Teacher In-charge:**  
Mrs. Bela Kapoor

**ORGANISING TEAM**

Dr Charu Gupta (Professor)	Dr Meena Batham (Associate Professor)	Dr Preeti Kaur Sachdeva (Assistant Professor)	Ms. Shobha Mandal (Assistant Professor)
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### Centre for Sustainable Textiles

#### INTRODUCTION

The Centre for Sustainable Textiles aims to educate young minds about various aspects of sustainable practices in the field of textiles- to enable them to grow intellectually, be motivated to try traditional craft practices, and make a positive contribution to society, as well as build new links between the traditional heritage and contemporary era of textiles. Sustainability in textile products and processes has today a multisectoral application, some examples are upcycling, recycling, traceability, sustainable consumption, etc. The Department of Fabric and Apparel Science proposes to organize and extend meaningful activities around the following focus areas to inculcate a sense of vibrancy in teaching and learning for the benefit of society at large.

#### FOCUS AREAS

1. Indian traditional textile crafts: Exploration, documentation and revival
2. Development of novel textile finishes (antimicrobial finishes, water repellent, etc.)
3. Using eco-friendly materials for dyeing and finishing of fabrics
4. Developing innovative ways of putting pre- and post-consumer 'textile waste' to good use
5. Sustainable garment consumption as followed in Indian culture and its application in present times
6. Green garment design and construction



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### **Making of convocation attire inspired from the Indian angavastras at DU's 99th convocation.**

It all started with the Dean Examinations approaching Mrs. Bela Kapoor, Teacher-in-Charge of Fabric & Apparel Science Department and Prof. Jyoti Aggarwal for designing attire for the University Convocation in early September of 2022. A Committee was set up and a design brief was to develop attires based on Indian traditional costumes.

The Designs had to be conceptualized, technical specifications sheet had to be drawn and prototype developed for the attires that would eventually be used by the President of India as Chancellor of the University, Vice Chancellor and all dignitaries on stage, the procession of deans and principals and special invitees, PhDs, masters, and bachelors medal holders.

“The idea was to break away from colonial-looking gowns and move towards an Indian attire or costume,” says Mrs. Kapoor, of IHE, who was spearheading the design team consisting of all teachers of the Department. The angavastras (stoles) that were in full display at the convocation had the Delhi University logo and will stay with the student as a souvenir for life. “It gives us immense pleasure that the President of India wore the convocation dress designed by Fabric and Apparel Science Department of our Institute!”

The highlight of the dresses of dignitaries is the traditional tree of life motif, placed at the back of the stole. “The tree of life represents life, growth, diversity, and rootedness. Every new leaf on the tree denotes new students, new thoughts,” says Mrs. Kapoor.

The purple colour of the attire was picked up from the DU logo itself and has universal appeal. The dresses were adorned with beautiful zardozi embroidery on the front panels. The procession walked in maroon adorned with brocade on the front panels.

“When people are felicitated in India a shawl is offered. This inspired us to use the angavastras (stoles) made in handloom cotton that were on full display at the convocation. The stoles had the Delhi University logo and will stay with the student as a souvenir for life.” With this exposure, the faculty hope that the Institute will gain prominence and be recognized in the University as one of its premier colleges.



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Dresses designed by the Department of Fabric and Apparel Science

## Community outreach

### Syaahi- an initiative for revival of Kasim Karam

The Department of Fabric and Apparel Science, organised a community outreach workshop titled 'Syaahi- an initiative for revival of Kasim Karam' in September 2022 (2nd, 13th, 14th, 19th September).

The workshop aimed to reach the enthusiasts of natural dyes in the community, comprising stakeholders like academic institutes, designers and lovers of organic eco-friendly products. It entailed the fundamental features of the natural black dye 'Kasim karam', along with explaining the various steps involved in its production and application on textile substrates. The main objective of this workshop was to disseminate knowledge about the preparation and application of the heritage fermented natural black dye, Kasim karam, and creation of various possible design effects using it.

Kasim karam is a truly sustainable natural dye which is prepared by the fermentation of a mixture



of iron scrap and jaggery solution in water. Kasim can be directly applied to a textile substrate that has been pre-mordanted with tannin-based natural mordant called *harada*. Unlike other plant based natural dyes, kasim does not require any extravagant equipment or procedures for preparation and application.

The participants were mostly students from different colleges and academic institutions of Delhi:

- National Institute of Fashion Technology (NIFT), Delhi
- Institute of Home Economics (IHE), University of Delhi
- Laxmibai College, University of Delhi
- Apparel Training and Design Centre (ATDC), Okhla

The participants were given a presentation to explain what kasim karam is and how it can be prepared. Thereafter, they were given a demo of how different design effects can be created using kasim. Kasim is a dye with water-like consistency which instantly develops grey-black colour as soon as it comes in contact with *harada* treated fabric. Thus different effects can be created using brushes, cords, threads, leaves, spray technique, thread pulling technique, stencilling, block printing, screen printing, etc. The workshop format was the same for all 4 days of the workshop.

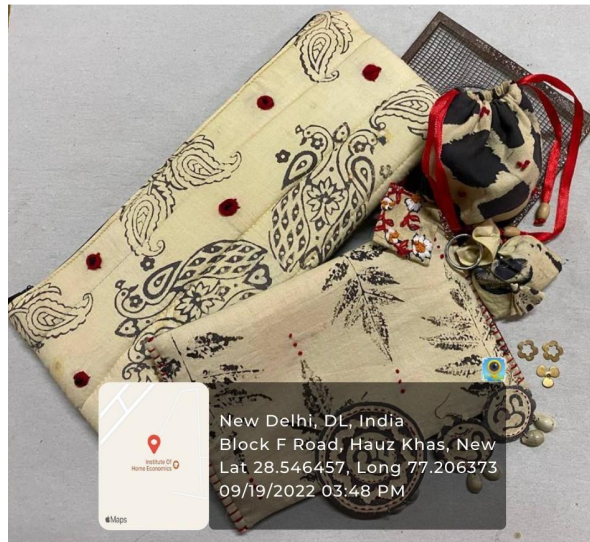
The participants created various design effects with a combination of these techniques and made simple products for their own use like mobile pouches, wallets, pouches, yoke pieces, earrings, scrunchies, etc.



**Different design effects created using Kasim**



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Some products created by participants using Kasim



Syaahi Workshop  
September 2022



A glimpse of the workshop series



## - Educational Visits

The Department of Fabric and Apparel Science, in commemoration of Khadi Day on 2nd October 2022, embarked on a significant initiative to raise awareness and promote Khadi. This endeavor was marked by a visit to Khadigram Udyog at Connaught Place on 3rd October 2022. The primary goal was to educate and enlighten students about the cultural and sustainable significance of Khadi.

A group of 70-75 students, comprising B.Sc. Home Science (Pass and Honors) students, along with M.Sc. Fabric and Apparel Science (Semester III) students were taken for the visit. Faculty members of the department accompanied the students.

The visit began with a lot of enthusiasm. The Khadi Gram Udyog preserves and promotes the organic concepts on which India's arts and crafts are built. The students were exposed to the various traditional Indian fabrics like khadi, arts and handicrafts straight from the craftsman. They had interacted with the store sales staff and explored the store stocks such as a variety of natural fabrics and garments, made mainly from khadi or derivatives like cotton and linen. Along with that they also gained knowledge about the exquisite embroideries on fabric, garments and home decor products and organic foods.



**Visit to Khadi Gram Udyog**



- Prof. Charu Gupta and Prof. Jyoti Aggarwal took MSc Sem 2 students for field visit to **Shahi Export House** on 5th June 2023.



- **Educational Visit to Pearl Academy** - The event was organized by Pearl Academy of Fashion in collaboration with Fashion Revolution India on Sustainable Fashion. It was an in-house event for a panel discussion with youth to discuss sustainable fashion and to revive old practice of stitching together while sharing experiences with each other. Students of MSc Sem 2 (Fabric and Apparel Science) from Institute of Home Economics, University of Delhi, participated in both the sessions (i.e., Youth Panel on “Local mending Economies” & “Stitch n Bitch”).

