



QUALITY-PLUS KEEPS US AHEAD

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# INTRODUCTION



Ludlow is one of India's leading makers of jute and jute products. The Ludlow campus sits on the banks of the river Hooghly at Chengail, near Kolkata. In addition to 1.2 million square feet of factory spaces, the campus includes employee housing, community services, and acres of green space for future expansion.

Ludlow Jute Mills was founded in 1921 by the Ludlow Corp. of Ludlow, Massachusetts, United States and acquired by the Kanoria family in 1977.

As chairman of the Indian Jute Mill Association in 1982-84, our promoter R.V. Kanoria worked fruitfully with the Indian Government to develop a fair pricing formula for jute products to ultimately help the jute farmers, still in place today.

At Ludlow, we pride ourselves on being responsible towards our community, the society, and the environment. Our endeavours on these front are detailed at: <https://www.ludlowjute.com/beyond-business-2/>.

We proudly celebrate our 100th year in 2021, and continue to innovate and strive to set the benchmark for quality in the Indian jute industry.



# JUTE NOURISHING THE PLANET

## Jute, The Golden Fibre.

A natural fibre with a silky lustre and high tensile strength, jute has grown increasingly popular as the world becomes more environmentally responsible. In addition to its natural, earthy appeal, jute stands out as an environment-friendly raw material with a multitude of applications.

Right from the first steps of cultivation, jute gives back more than it takes.

A hectare of jute consumes 15 tonnes of carbon dioxide and releases 11 tonnes of oxygen in 120 days of growth, and cultivating jute in crop rotations enriches the fertility of the soil for the next crop.

Abundantly grown in India, jute is used to make a variety of products that protect and enrich the environment.







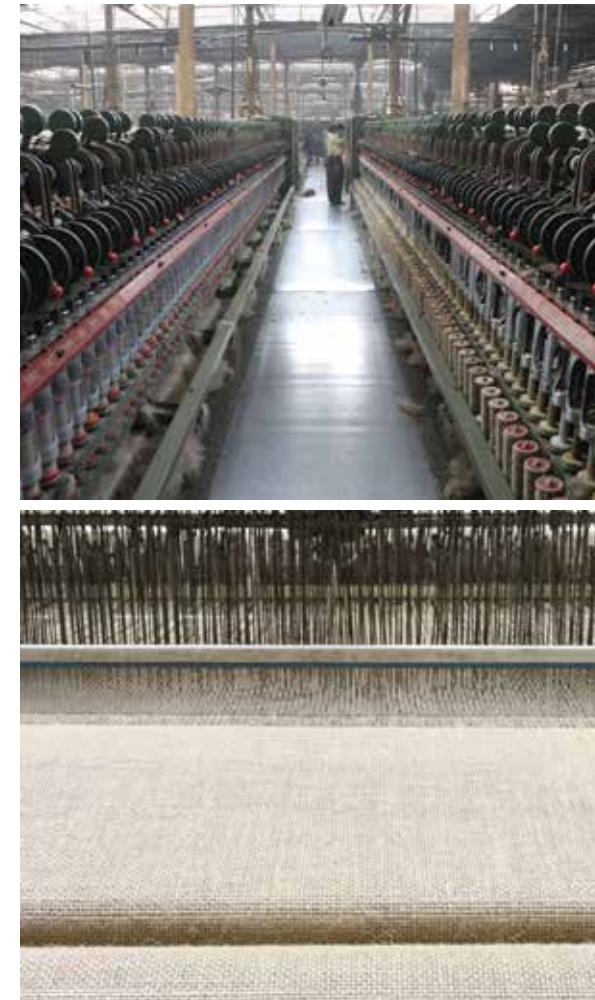
# MANUFACTURING FACILITIES

The sprawling Ludlow campus has been on the banks of the river Hooghly for nearly a century. With multiple manufacturing facilities, offices, living quarters, medical and educational facilities, our campus has over 100 buildings as well as roads and railway lines.

The manufacturing establishments include water reservoirs and a rooftop solar power generation, in addition to a presshouse, and selection and baling. At the centre of all this is one of India's largest modernized jute mills, which is equipped with state-of-the-art machinery and is capable of producing high volumes of the finest products. Our current capabilities in the year 2021 include:

- Spinning up to 180 metric tonnes of jute yarn per day, ranging 4.8 lbs to 500 lbs. We can make up to 8 ply yarn.
- Producing up to 20 metric tonnes of jute rope per month, ranging from 14 mm to 36 mm thickness.
- Producing up to 2.5 million metres of hessian/decorative/knitted fabric per month, between 10 cm and 320 cm wide, in GSMs ranging from 80 to 724.
- Weaving up to 570,000 metres of leno weave fabric per month, between 250 cm and 508 cm wide, in GSMs ranging from 44 to 140.
- Making up to 90,000 metres of felt (non-woven) fabric per month, between 50 cm and 200 cm wide, in GSMs ranging from 250 to 1000.
- Processing up to 650,000 metres of fabric per month in the dyeing, bleaching, and stiffening plant.
- Manufacturing as many as 425,000 shopping bags per month.
- Producing up to 6 million sacking bags per month, both food grade and non-food grade, as per buyers' specifications.

We also have our own in-house research and innovation department, where our experts constantly study and help improve our raw materials, our processes, and industry practices.



# PRODUCT **MIX**

From fibre to yarn, yarn to fabric, fabric to finished products, our in-house capacities allow us to cater to our client's needs more effectively within the required time frame. We take great pride in having facilities and expertise to manufacture any jute product our clients require. We pride ourselves on our culture of innovation, a quest for excellence and social responsibility.



## Jute Hessian Cloth

Decorative & Multiple Use Fabrics  
Hessian Fabric  
Decorative Fabric  
Printed Fabric  
Jute Zari Fabric  
Juco Fabric (Jute Weft and Cotton Warp)  
Canvas & Tarpaulin

## Horticulture Related Fabrics

Soilsaver  
Geotextiles  
Leno/Net & Scrim Cloth

## Chemically Treated Fabrics

Dyed / Bleached Fabric  
Fire Retardant Fabric  
Rot Proof Fabric  
Water Repellent Fabric  
Stiffened Fabric

## Jute Yarn

Fine Yarn  
Twine  
Dyed Yarn  
Blended Yarn  
Carpet Weft Yarn  
Binder Twine  
Cord Twine  
Explosive Yarn

## Jute Tape / Webbing

Jute Tape  
Jute Webbing

## Jute Hessian Bags

Jute Spiral Tubes  
Jute Sand Bags  
Jute Leaf Bags  
Jute Woolpack Bags

## Jute Sacking Bags

Jute A Twill:  
Jute B Twill/Binola:  
Jute DW (Hydro Carbon Free)  
Jute Woolpack Bags



#### Jute Geotextile

Open weave jute geotextile  
Woven jute geotextile  
Non-woven jute geotextile  
Pre-fabricated vertical jute drains

#### Jute Felt/Non-Woven products

Jute Felt Fabric  
Jute Felt Squares  
Jute Felt Discs

#### Jute & Cotton Bags

Promotional and Gifting Bags  
Jute Knit Bags (100% Jute)  
Fashion Bags  
Juco Bags  
Produce Bags  
Pouches  
Foldable Bags  
Wine and Bottle Bags

#### Jute & Cotton Lifestyle Products

Baskets and Organisers  
Planters  
Laundry Hampers  
Jute Slippers  
Cushions and Floor Cushions  
Desk and Wall Organisers  
Table mats, runners and coasters  
Cutlery Holders  
Aprons and Oven Mitts  
Yoga Mats and Bags



# JUTE YARN & TAPE/WEBBING

Jute yarn is a string or thread made by spinning natural jute fibres together. Approximately 90% of all jute fibre is spun into yarn. Once spun, jute yarn has many practical applications, and is used across many industries. At Ludlow, we use modern spinning techniques to manufacture a variety of high-quality jute yarn products.

Jute webbing is heavy-duty webbing commonly used for furniture seats and backs, luggage racks, and other craft applications. Made from natural, non-stretch, closely woven jute fibres, it is extremely strong and durable. Jute-tape is a woven ribbon of jute fibre that is used to protect trees from parasites and harsh weather by wrapping trunks, as well as for decorative purposes. We produce high-quality jute-tape and webbing that can be customised based on your requirements, in widths ranging from 5 cm to 30 cm.



# JUTE HESSIAN CLOTH

Jute hessian cloth, also known as burlap, is a sturdy, sustainable fabric. Hessian cloth can be dyed and printed, and comes in a variety of grades for different applications. It is economical, reusable, easy to stack and store. Hessian cloth meets international standards for food safety, and so is widely used.



# JUTE GEOTEXTILE

Jute geotextiles are a category of products that are used extensively in road construction, to reinforce river banks, and to stabilise agricultural slopes. Economical and easy to produce, jute geotextiles have high initial strength, are highly absorbent, and can be customised to suit specific requirements. Synthetic forms of geotextiles are available and commonly used, but may be detrimental to the environment in the long term. Jute is biodegradable and helps improve soil characteristics, making it a more sustainable option.

Soil Saver™ is our patented product, which has now become a generic name worldwide. It is used majorly in slope protection on hilly terrain, and is a product of our in-house research and development.



# JUTE HESSIAN BAGS

Made with hessian cloth produced in-house, our hessian bags are available in plain or twill weave. Fully biodegradable, strong, and reusable, they are ideal as packaging material for agricultural products such as grains, potatoes, onions, and tobacco, and other commodities like sand and cement. Hessian bags are also used for flood management, as rot-proof sandbags to fortify embankments.



# JUTE SACKING BAGS

Our jute sacking bags are made of our own high-quality sacking fabric, available in plain and twill forms. Commonly used to pack cement, sugar, and other bulky items, our sacking bags are superior to synthetic sacking materials as they are biodegradable and breathable.

For packaging food material such as cocoa, coffee, grains, and potatoes, we make high quality hydro-carbon free (HCF) food-grade sacking bags. These bags allow proper storage and transportation of these items, and help minimize food wastage. They are approved by leading users in Europe, Africa, and Latin America. Our food-grade bags are produced using rice bran oil (RBO) technology, and conform fully to international specifications prescribed in IJO 98/01 and by the IOCCC. We provide a food-grade certificate issued by IJIRA/SGS for the bags that we ship.



# JUTE FELT/ NON-WOVEN PRODUCTS

Jute felt is a fabric made of compressed and needle-punched jute fibres that are mixed with vegetable or synthetic fibres. It is used to provide thermal and acoustic insulation, packaging, filtration, and erosion control. Like other jute products, it is biodegradable and is also used in agriculture - for mulching, weed control and protecting vegetation from the snow.



# JUTE & COTTON BAGS

Jute and cotton are highly diversified eco-friendly fibres, which are suitable for making a variety of fashionable and functional bags. At Ludlow, we use high-quality jute and sturdy cotton to create a range of bags that are sustainable, durable. We keep innovating and improving upon our designs, and collaborate with customers for their branding. Our products are made by highly-skilled craftsmen with access to state-of-the-art infrastructure.

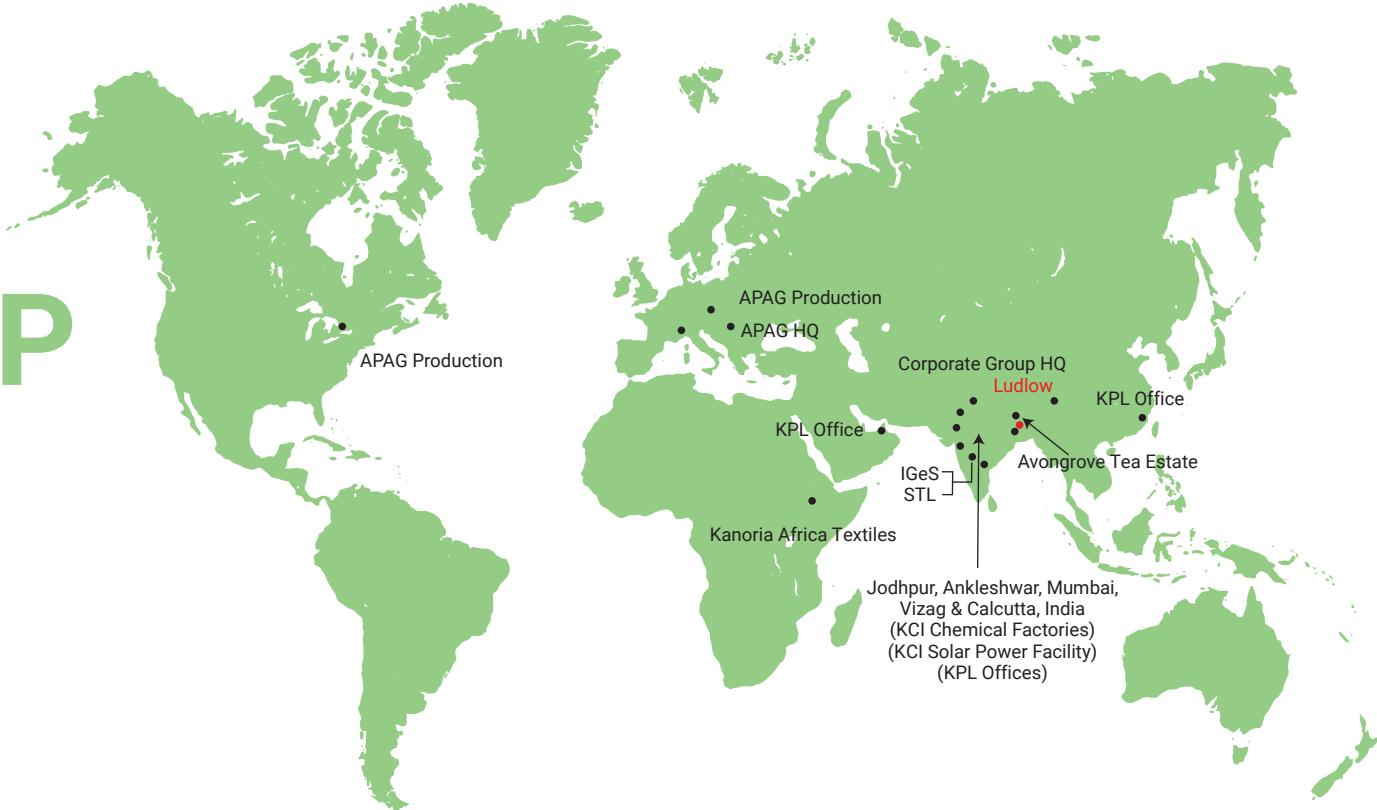


# JUTE & COTTON **LIFESTYLE** PRODUCTS

Our high-quality jute fibre is ideal for creating a range of products for home decor, gifting, and everyday life. We manufacture a wide variety of practical and decorative lifestyle products made of jute and cotton that can be customised on request.



# THE GROUP



Indian Manufacturing	Kanoria Chemicals & Industries Limited (KCI) Ludlow Jute & Specialties Limited (LJS) Avongrove Tea
International Manufacturing	APAG Group Kanoria Africa Textiles Plc.
International Trade	KPL International Limited (KPL)
Technology	Intrust Global eServices (P) Limited (IGes) Suprawin Technologies Limited (STL)



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