INDIGOTEX

Presenting

Innovating New & Sustainable Fabric Technology

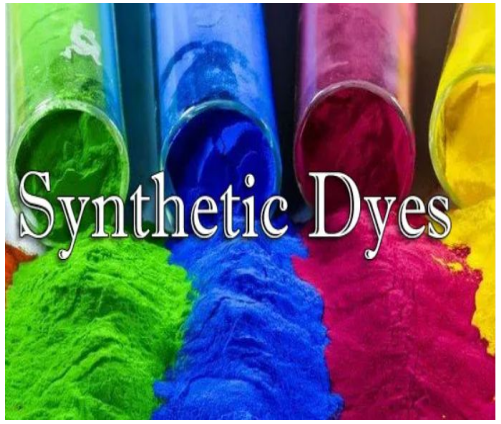
Company Name - INDIGOTEX Pvt. Ltd.
Founder - Satendra Singh
Co-Founder – Mohit Ahirwar

Today, more than 70% of garments are made from synthetic fibres

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100% Petro-chemical based synthetic polyester, nylon and acrylics

Every 25 min, an Olympic-sized pool of oil is used to make synthetic fibres

The most water-polluting industry 250 litres/kg

We have developed an alternative using Natural Fibre

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100% natural
Made from wool and other natural fibres

Renewable
Renewable wool and other fur fibres

Biodegradable
Degrades in the soil in a **matter of months** compared to 200 years of degradation time for polyester

Sustainable Technologies
With **highly reduced** use of water

We have invented a new wool denim

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Revolutionary wool denim: A perfect blend of sustainability, style and warmth



Key Points:

- Shrink resistant
- Detergent washable
- Indigo dyed 100% wool and wool blended denim with reduced use of water
- The products of newly developed wool denim are suitable to wear in cold conditions where existing cotton denim will not provide warmth and comfort.



Innovation involved in the product *(Indigo Dyed wool)*

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Existing

Undyed wool yarns: Back side



Indigo dyed cotton warp yarns: Face side

- Wool content: 30-35%
- Suitable only for jackets (not for next to skin garment like jeans)
- Wool in back is irritating for skin

Proposed

Undyed cotton weft yarns: Back side



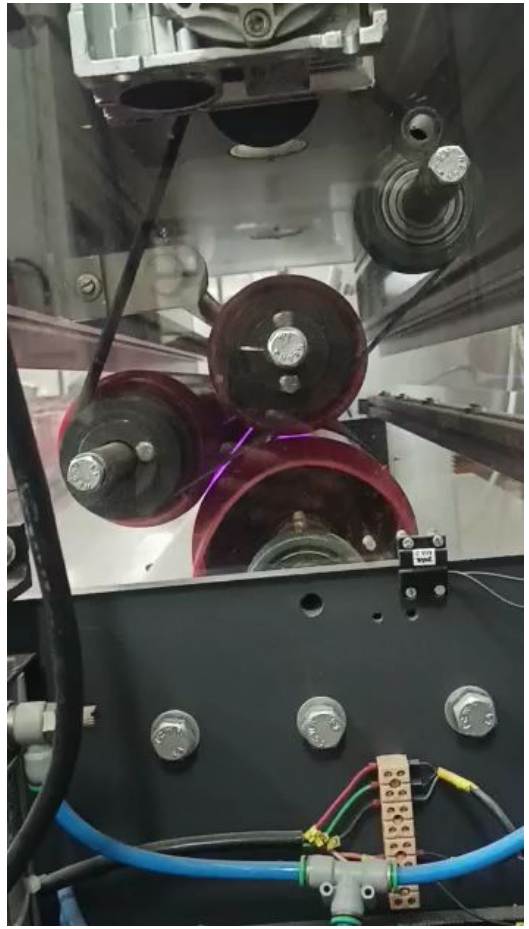
Indigo dyed wool warp yarns: Face side

- Wool content: 70-100%
- The fabric is suitable for both jeans (next to skin garment) and jackets
- Wool at face side is not irritating for skin

We have adapted technologies to create new innovations

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Plasma treatment of wool



Benefits of plasma over conventional methods

Parameter	Conventional (Superwash)	Plasma Treatment
Water (liters)/kg	170	0
Processing cost (INR)/kg	150	5.5
Operational complexity	Complex (Fiber stage)	Easy (Fabric stage)
Effect on thermal insulation	Adverse effect	No effect
Others	-	Increase in strength Increase in moisture management properties

Our foundation is backed by strong IP

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1 Patent filed

2 in process

Potential for more

One Brand for the Technology

Different Brands for Different Fabrics

Our product is better than the competition

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Wool content, Weight and bulkiness for the temperature range of -10 to +20 °C

Company	Suitability for both jeans and jackets	Weight	Bulk	Denim look	Water consumption (Per Kg)	Machine washability
NIKKE TEXTILES	X	heavy	Medium	X	250	X
ARVIND LTD	X	heavy	High	✓	250	X
LNJ DENIM	X	heavy	High	✓	250	X
INDIGOTEX	✓	Light	Low	✓	30	✓

Future iterations will focus on functionality like anti-bacterial and FIR

Versatility expands applications

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Wool denim





Far-infra red wool yarn



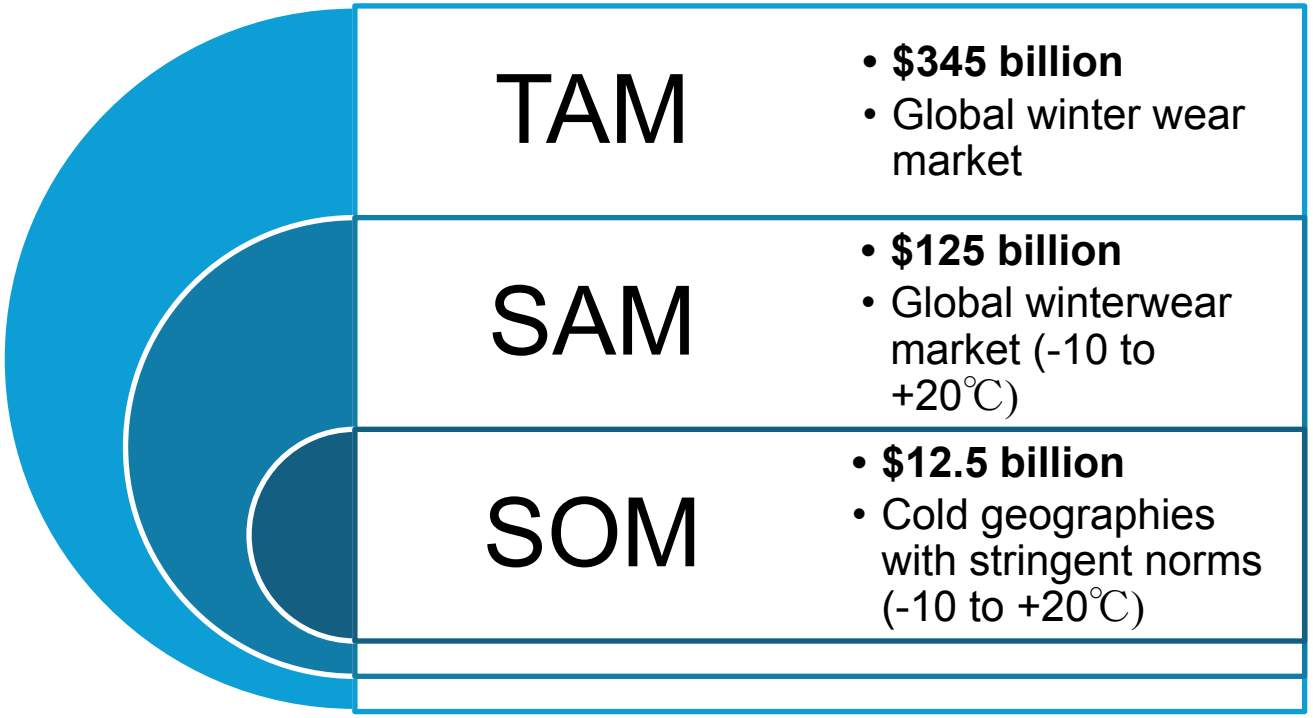
Light weight, less bulky, noise free ECC

Future product series

- **New Category:** Sustainable, biodegradable made from all naturals
- **Target Market:** Garment houses, textile fabric manufacturers, export houses and military

The Market Size & Business Strategy

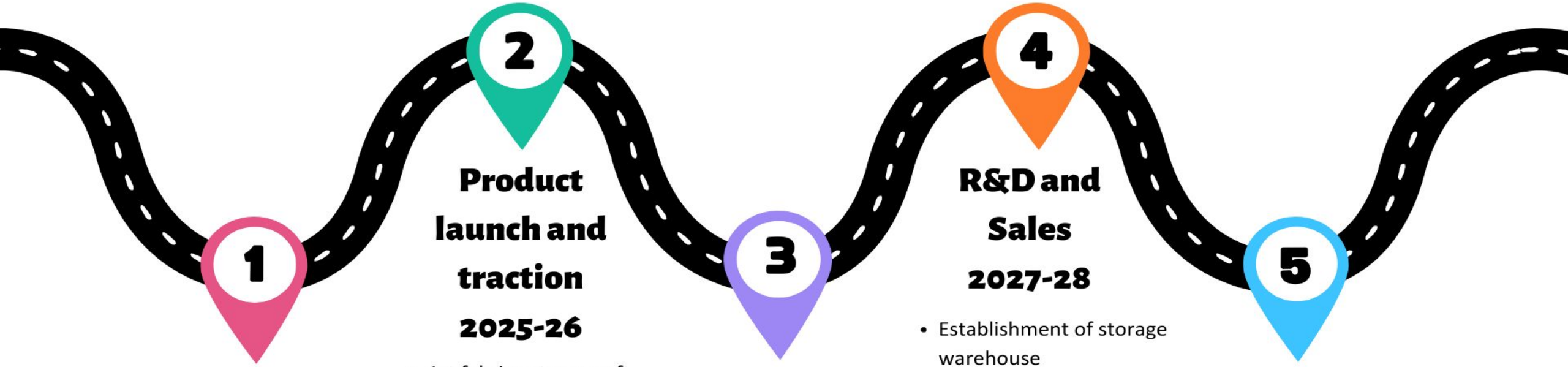
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From concept to global growth in just 5 years

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Establishment 2024-25

- Validation and company setup
- Vendor Connections
- Prototype development for new fabric category and funding

Product launch and traction 2025-26

- 1st fabric category of wool denim and plasma technology launch
- Market traction from potential buyers and initial level order completion

Expansion 2026-27

- Increasing efficiency and volume for wool denim fabric
- Global presence through conferences, Expos and Industry connect events
- Market survey for other fabric categories and technologies

R&D and Sales 2027-28

- Establishment of storage warehouse
- Launch of other fabric categories and technologies
- Simultaneous production and sales of wool denim fabric

Vertical integration 2029 & beyond

- Establishment of own garment house to deal directly with brands
- Branding and marketing of new fabric categories
- Implementation of in-house design studio

Our Team

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Satendra Singh
(Founder & CEO)
M.Tech, IIT Delhi
5 years of Experience



Mohit Ahirwar
(Co-founder & Design head)
M.Des, IIT Delhi
6 years of experience



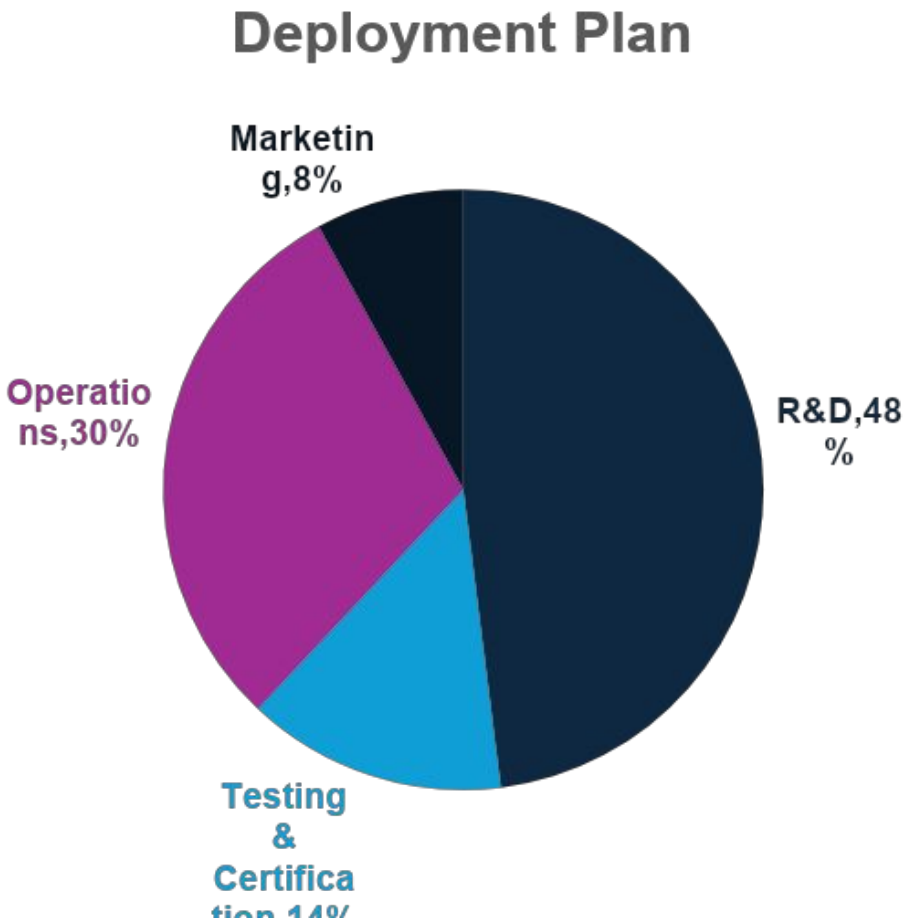
Apurva Raj Singh
(CMO)
B.Tech, TIT&S Bhiwani
4 years of experience



Prof. (Dr.) BS Butola
(Technical head)
Faculty, IIT Delhi
18 years of experience

Ask: Rs 4 Crores

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24 months runway

1. Complete first phase of R&D
2. Complete 4 POCs
3. Develop 4-5 fiber products
4. Signup 15 B2B customers
5. Signup 2 licensees
6. Establish in India and enter Europe market
7. $1 Million Revenue in 2 years
8. $50 Million in 5 years

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Join us on this Sustainable & Revolutionary journey!

Thank You!

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Customer Segmentation

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Category*	Segment 1 (Wool denim fabric)	Segment 2 (Plasma Application)
Buyer	Fabric Buyers (Garment houses, Export houses and brands)	Textile fabric manufacturers
Value Proposition	Light weight, less bulky and comfortable	Waterless and very cost effective
Economically Attractive	✔	✔ (INR 150 to only INR 4.5/Kg)
Can give complete solution	✔	✔
Strategic	✔	✔
Revenue Model	B2B fabric sales	Licensing of technology
Sales Cycle	90 days	One time
Order Size (# units)	500 meters	-

Business Modal Canvas

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Value Propositions	Customer Relationships	Customer Segments
Fabric Quality 1. Sustainable 2. Functional 3. Light weight 4. Less bulky 5. Comfortable Fabric Processing Technology 1. Waterless 2. Very cost-effective 3. Sustainable	1. **Richa Global** 2. **Chelsea Mills** 3. **Triburg** 4. **Lee** **Channels** 1. Online platform 2. Retail locations 3. Distribution Partnerships	1. Fabric sourcing agencies (a) Garment houses (b) Export houses (c) Brands (Sustainable and Eco-Conscious) 2. Textile manufactures (a) Wool processing units (b) Cotton fabric processsors
	Revenue Streams / Model 1. New Fabric Qualities: B2B Sales 2. New processing technologies (Plasma): Licensing	

Business Model

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