



Tex-Connect

An initiative by the Textiles Department, Government of Maharashtra



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“

I am proud to unveil Maharashtra's eTextile Portal which is first of its kind in the state with fully automated textile governance system. From fibre to fashion, the platform integrates every link in the value chain with AI-driven tools, smart dashboards, and real-time analytics. It empowers rural entrepreneurs, Micro, Small and Medium Enterprises, traditional weavers, and sericulture farmers to embrace a digital-first future.

It reflects Maharashtra's strong commitment to empower Micro, Small and Medium Enterprises (MSMEs) and rural enterprises with advanced technological tools that enhance their global competitiveness. By embracing digitalisation, we aim to drive innovation, enable real-time monitoring & decision-making, and ensure the sector's sustainable and inclusive growth.

”

Shri. Sanjay Sushila Waman Savkare
Hon'ble Minister of Textiles
Government of Maharashtra

SECTOR IN FOCUS: Driving Digitalisation in Textiles

Introduction

India's textile industry stands at a transformative juncture, where embracing digital technologies is not just an option but a necessity to achieve global leadership. Hon'ble Prime Minister Narendra Modi's vision to triple textile exports to [₹9 lakh crore by 2030](#) informs the urgency for innovation and modernization in this sector .

From real-time AI design tools to blockchain-powered supply chains¹ and automated subsidy platforms, this edition explores how digitalisation is revolutionising the textile value chain. Maharashtra takes the lead with the eTextile portal and the new Technical Textile Mission, empowering MSMEs, rural entrepreneurs and ensuring sustainability at scale.

Sustainability is a critical component of this digital transformation. Innovations like the [Future Forward Factory](#) initiative aim to establish near-net-zero textile facilities, demonstrating both Maharashtra's India's commitment to environmentally sustainable manufacturing practices.

To realize this vision, India must invest in digital infrastructure, strengthen innovation through supportive policies, and upskill the workforce to adapt to new technologies. By doing so, the country can position itself as a global textile powerhouse, blending its rich heritage with cutting-edge technology to meet the demands of the future.

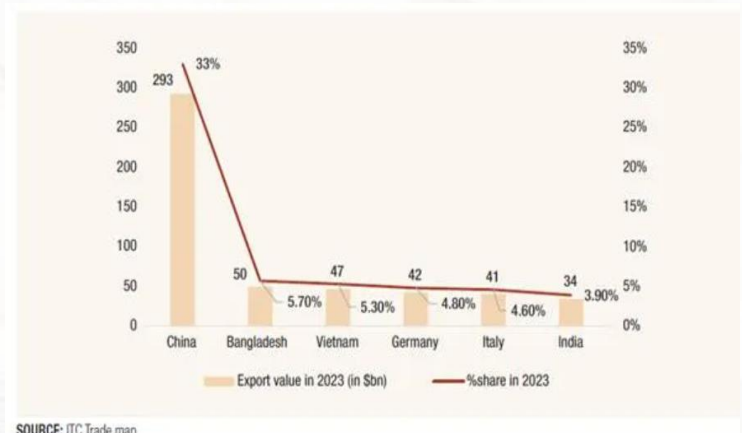
Why Digital Transformation is Imperative

Maharashtra is at the forefront of digital transformation, creating a resilient, inclusive, and globally competitive textile ecosystem. The State is adopting digital tools which are significantly enhancing productivity, streamlining government schemes, and opening new global markets.

This digital shift can directly improve textile exports. [Automation and AI](#) help speed up production, reduce waste, and ensure consistent quality—critical for meeting international order standards. [IoT-based](#) quality checks ensure uniformity, while AI-powered design tools support customization at scale for fashion and home textiles.

These innovations enable the textile industry to move toward a circular economy, aligning with global sustainability standards and enhancing the state's reputation as a leader in eco-friendly production.

This approach not only supports environmental goals but also attracts eco-conscious consumers and investors, boosting Maharashtra's position in the global textile market.



India ranks sixth among global textile exporters. The latest budget signals strong growth for the sector, boosting India's textile exports further.

¹Kumar, A., Mahindru, T., Shukla, P., Sharan, A., NITI Aayog, Anna Roy, Kumar, R., NITI Aayog, & Amitabh Kant. (2021). Blockchain: the India Strategy. In Draft Discussion Paper. https://www.niti.gov.in/sites/default/files/2020-01/Blockchain_The_India_Strategy_Part_I.pdf

SECTOR IN FOCUS: Leadership in Digital Innovation

Success Story: eTextile Portal in Action

The Textiles Department, through the eTextile Portal, has fully automated its processes, allowing textile units to seamlessly register, obtain a Textile Registration Number (TRN), and apply for subsidies with ease.

The application spans the entire textile value chain, including spinning, powerloom, ginning, processing, garmenting, non-conventional, technical textiles, as well as technical and mini textile parks. It also includes sericulture and traditional textiles, extending direct benefits to farmers and weavers.

Segments

Ginning & Pressing

Spinning

Powerlooms

Technical

Traditional

Knitting, Hosiery & Garmenting

Processing

Composite

Non-Conventional Textiles

Handloom

Sericulture

Technical / Mini Textile Parks

Schemes

Capital
Subsidy

Power
Subsidy

ETP/
CETP

Maha-
TUFS

ZLD

Solar

Steam

RMSS

Silk
Samagra 2

The portal includes some of the major segments & Schemes which are seamlessly integrated.

With a user-friendly dashboard, automated workflows, and API integration, the portal ensures transparency, efficiency, and seamless policy implementation, driving ease of doing business and sectoral growth. The platform supports:

- End-to-end lifecycle tracking from registration to incentive disbursement
- Role-based secure access and paperless operations
- Integrated policy tracking, compliance reporting, and budget forecasting

What's Changed on the Ground?

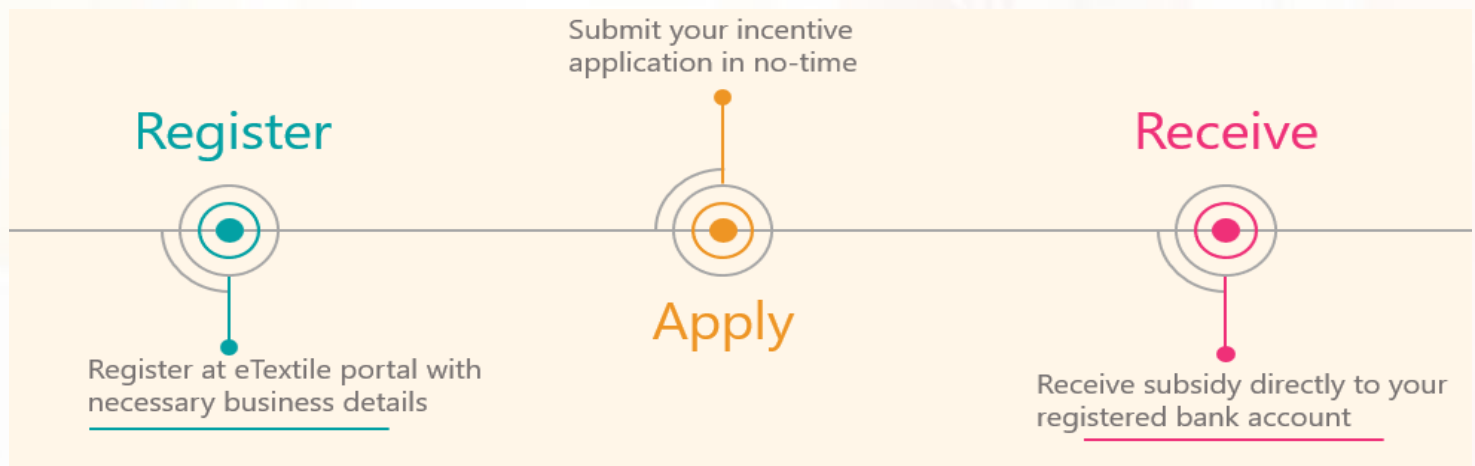
- **3X Faster** processing of subsidy applications
- **80% Reduction** in data errors and duplications
- **100% Paperless** subsidy approval cycle
- Improved **User Experience** for weavers and small businesses, and MSMEs with mobile-first design and multilingual interface

*"Before the portal, we had to visit offices multiple times and track applications manually. Now we receive SMS alerts and email instantly."
— Shobhawat Industries*

SECTOR IN FOCUS: Leadership in Digital Innovation

Success Story: eTextile Portal in Action

Developed with ICICI Bank, the eTextile Portal brings full lifecycle automation — from registration to incentive disbursement. Key features include customizable dashboards, automated compliance, transparent workflows, and secure architecture. Results show a threefold increase in processing speed, 70% error reduction, and significant improvement in governance efficiency across the sector.



The process of generating a TRN on eTextile portal is explained above and is very user-friendly

Benefits to Industries

Faster Access to Subsidies:

Streamlined processes ensuring companies don't have to submit documents physically.

Ease of Doing Business:

Automated compliance and reduction in document duplications.

Reduced Compliance Burden:

Integrated validations with other systems to reduce repetitive data submissions and prevent errors during application.

Greater Transparency and Accountability:

Real-time updates and with digital audit trail, making the entire process more transparent and minimizing the scope for manual errors or delays.

Improved Access to Government Support:

Easily track available schemes, deadlines, and eligibility criteria through eTextile user-friendly portal.

DIGITAL AUTOMATION

Automates the complete journey of textile investors

TEXTILE VALUE CHAIN

All textile segments including Sericulture & Traditional Textiles

100% DIGITAL PROCESS

Digital automated workflow for faster & efficient operations

AUTOMATED PROCESSING

Speeds up application review and approval process

SECURE & SCALABLE

Built-in security protocols and grows with demand

COMPLIANCE & REPORTING

Ensures adherence & generates insightful reports

Key features of the eTextile Portal

MARKET INSIGHTS: Pillars of Digitalisation in Textiles Sector

Embracing Industry 5.0 in Textiles

Industry 5.0 in the textile industry envisions a future where human ingenuity and advanced technology collaborate to create innovative, sustainable, and human-centric solutions. This shift moves beyond the automation and efficiency of Industry 4.0 to prioritize human well-being, resilience, and environmental impact. Key aspects include using AI and robotics to enhance productivity, personalize products, and track garments through blockchain technology.

Key aspects of Industry 5.0:

Human-Centricity: Prioritizes talent development, diversity, and empowerment, aiming to create safer and more fulfilling work environments while producing innovative and sustainable fashion products.

Resilience: Focuses on building adaptable supply chains, ensuring worker well-being, and leveraging smart technologies to swiftly respond to market changes and disruptions.

Sustainability: Goes beyond reducing environmental impact by fostering long-term sustainability through eco-friendly production processes, circular economy principles, and localised manufacturing.

Industry 5.0 marks a new era of human-machine collaboration, prioritising creativity and mass customisation alongside automation. It builds on previous revolutions—from mechanisation (Industry 1.0) to smart factories (Industry 4.0)—by integrating advanced technologies with human input.

Key applications of Industry 5.0:

AI & ML: Streamline garment production, forecast trends, automate processes, detect defects, and optimise inventory and maintenance.

Blockchain: Ensures transparency, tracks assets, secures data, and integrates with IoT, AR, and 3D printing for supply chain traceability and production efficiency.

Cobots: Safely work with humans in sewing, packaging, and quality control, enhancing flexibility and precision.

Digital Twins: Create virtual replicas for predictive maintenance, production optimisation, and immersive training, supported by IoT data.

Quantum Computing: Enables real-time simulations and anomaly detection, accelerating innovation and logistics through AI/ML integration.

Smart Textiles: Sensor-embedded fabrics support digital twins, customisation, and seamless human-machine collaboration in manufacturing.



TA pictorial presentation of aspects of Industry 5.0 and its meaning.

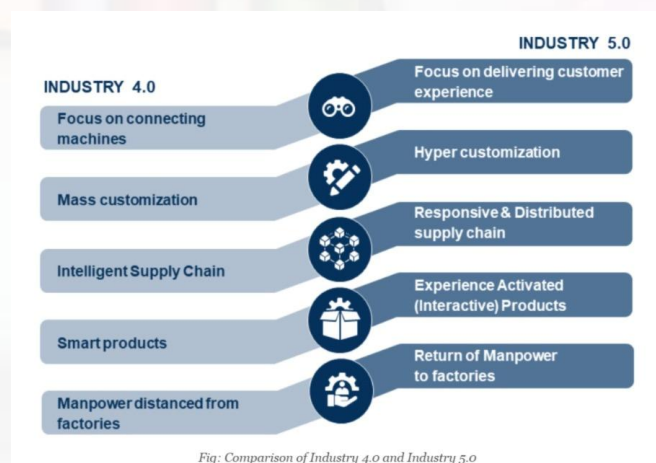


Fig: Comparison of Industry 4.0 and Industry 5.0

The shift from Industry 4.0 to 5.0 is all about redefining scope of tech.

EVENTS

Maharashtra at Bharat Tex 2025: Showcasing Heritage and Innovation



Maharashtra participated as a Knowledge Partner at Bharat Tex 2025, a premier international textile exposition supported by the Ministry of Textiles, Government of India. The event celebrated India's rich textile legacy while highlighting contemporary innovations, positioning the country as a global leader in the textile industry. Held at Bharat Mandapam, New Delhi, from February 14th to 17th, Bharat Tex 2025 was the world's largest and youngest textile exposition, serving as a key platform for collaboration and economic growth.

The event was inaugurated by Hon'ble Prime Minister Shri Narendra Modi and Hon'ble Textile Minister Shri Giriraj Singh, and attended by dignitaries from the Ministry of Textiles, Government of India, as well as representatives from participating states. With participation from over 5,000 exhibitors, 6,000+ overseas buyers, and more than 1,20,000 trade visitors, the exposition featured 12,000+ textile products and over 70 knowledge sessions—including panels, roundtables, and deliberations—spread across a 2,20,000 sq.m. area.

Maharashtra set up its State Pavilion spanning over 100 square meters at Hall-10, Bharat Mandapam showcasing the expanse of its cultural diversity and tradition. Hon'ble Minister (Textile) Shri Sanjay Savkare visited the Maharashtra State Pavilion on 15th February 2025. He spent time looking at the intrinsic details of the set-up, interacting with all the exhibitors and visitors.

EVENTS

Maharashtra at Bharat Tex 2025: Showcasing Heritage and Innovation

State Pavilion Theme: The Maharashtra Pavilion at Bharat Mandapam, themed 'Weaves of Maharashtra - Inspired by Nature,' showcased the state's rich textile heritage.

From intricate handloom sarees like Paithani and Karvat Kathi to vibrant cotton fabrics like Khana and Himroo, the pavilion highlighted Maharashtra's craftsmanship. Traditional motifs inspired by nature, such as peacocks, flowers, and conch shells, adorned textiles like Himroo shawls, Solapuri Chaddars, and Gongadi blankets, reflecting the cultural legacy of the state.

The Maharashtra Pavilion spotlighted leading institutions driving the state's textile sector. Exhibitors showcased their products, research, and services, with three key organizations—Maharashtra State Handloom Corporation, MAHATEX, and MSPC—highlighting the state's rich textile heritage.

MIDC hosted a dedicated stall featuring the upcoming PM MITRA Park in Amravati, while the Directorate of Sericulture showcased advancements in sericulture. A Policy Desk served as a central information hub on the Integrated & Sustainable Textile Policy 2023–2028, catering to investors and visitors. Interactive elements such as Virtual Try-On Mirrors and augmented reality installations offered an immersive experience, enabling visitors to explore designs, customize styles, and engage with the intricate legacy of Maharashtra's textile traditions.



From left to right; A beautiful snippet of Maharashtra State Pavilion Theme, Exhibitors at the State Pavilion, Top right is the snippet of policy desk and below is a snippet of Visitors digitally experiencing Traditional Textiles of Maharashtra through the 'Virtual Try On' mirror

EVENTS

Maharashtra at Bharat Tex 2025: Showcasing Heritage and Innovation

At Bharat Tex 2025, the Government of Maharashtra reaffirmed its leadership in the textile sector through a dedicated State Session led by Hon'ble Minister of Textile, Shri Sanjay Savkare. Hon'ble Minister inaugurated the Maharashtra Technical Textile Mission (MTTM), marking Maharashtra as the first state to align with the National Technical Textiles Mission and highlighting its focus on innovation, sustainability, and global competitiveness.

MTTM aims to position Maharashtra as a hub for technical textiles through a ₹50 crore annual R&D outlay, targeted skill development, and market expansion. The mission promotes advanced, eco-friendly materials and fosters collaboration between industry and academia to strengthen the state's global footprint. To drive investment and industry growth, the Textiles Department signed an MoU with the Indian Technical Textile Association and six investment MoUs across key districts. These initiatives are expected to generate over 2,000 jobs and bolster the state's textile value chain.



Special Address by Shri Sanjay Savkare, Hon'ble Textile Minister, Government of Maharashtra



Hon'ble Minister (Textile) Shri Sanjay Savkare with the exhibitors at Maharashtra State Pavilion from Handloom



Hon'ble Minister (Textiles) Shri Sanjay Savkare launching Maharashtra Technical Textile Mission during State Session



MoU exchange between the Textiles Department and the Indian Technical Textile Association (ITTA)

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AWARDS & RECOGNITION

Recognizing Excellence in Digital Governance

In a landmark recognition of its pioneering digital reforms, the Textiles Department, has been awarded Second Place in the State-Level Rajiv Gandhi Prashaskiya Gatimanata (Pragati) Campaign & Competition, Year 2025. This prestigious award acknowledges the Department's excellence in effective e-Governance, particularly through the innovative implementation of the eTextile Portal, which has significantly streamlined policy execution and improved service delivery across the textile value chain.



Rajiv Gandhi Prashaskiya Gatimanata (Pragati) Award given by the Hon'ble Chief Minister to the Textiles Department



Hon'ble Minister (Textile) Shri Sanjay Savkare with our Principal Secretary Smt. Anshu Sinha and Deputy Secretary Shri Shrikrishna Pawar.

Further, cementing its reputation for administrative efficiency, the Department has also received appreciation letter from the Hon'ble Chief Minister's Office for successfully achieving 100% of its targets under the '100 Days Program'. This accomplishment reflects the Department's commitment to accelerated governance, timely policy execution, and outcome-oriented public service delivery.

Together, these accolades serve as a testament to Maharashtra's leadership in adopting technology for inclusive and transparent governance in the textile sector.



Letter of Appreciation received from the Hon'ble Chief Minister Office

ANNOUNCEMENTS





Thought Leadership - Making India a Zero-Waste Fashion Country

Author : Textiles Department

Language : English

Date : 2025

CLICK HERE TO VIEW REPORT

A Thought Leadership titled; 'Making India a Zero Waste Fashion Country' was released in the presence of Hon'ble Minister (Textiles) Shri Sanjay Savkare by Department of Textiles, Govt of Maharashtra during Bharat Tex 2025 Event in New Delhi



Successful launch of Anthem and episode 1 on 'Himroo' textile as part of web series on Traditional Textiles of Maharashtra, 'Kargha' in partnership with Prasar Bharti during Bharat Tex 2025

Official launch of Maharashtra Technical Textile Misson (MTTM) by Hon'ble Minister (Textiles) Shri Sanjay Savkare, Govt of Maharashtra during Bharat Tex 2025 Event in New Delhi



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