Manufacturers of Machinery for Technology Providers, Consultants, R&D Companies, Textile Chemicals, Raw Material Suppliers.

Reverse Buyer Seller Meet (RBSM) was organized during Technotex 2019. A total of 750 meetings were organized for delegates from 34 countries. The same has been organised in this edition of Technotex 2019. More than 500 foreign buyers will be invited to explore opportunities and challenges pertaining to the Technical Textile Industry. An interactive platform to discuss the means and scope required to take the growth story of this sector to higher trajectory in coming years.

CONSTRUCTION TEXTILES
- These textiles are used in the construction of buildings, dams, bridges, tunnels & roads and collectively comprise the sector. Some of the major products connected to the sector are:
  - Hoistings & signages, Scaffolding units, Anchors & canopies, Tarpaulins, Architectural membranes and Fireproofing materials.

CLOTHING TEXTILES
- Technical components of clothing (such as breathable membranes), when reinforcement and construction as well as can wear-tudes application areas are:
  - Apparel components like shoes, bands
  - For insulation and structure like inlinings (women as well as men wear, padding, etc.)
  - Seeming thread and buttons

TECHNOTEX 2018 - A GRAND SUCCESS
- Number of Exhibitors: 168.
- International Participants: Azerbaijan, Bahrain, Bangladesh, Belarus, Brazil, Cambodia, Colombia, Czech Republic, Ethiopia, France, Germany, Ghana, Indonesia, Iran, Israel, Japan, Kazakhstan, Kenya, Kyrgyzstan, Nigeria, Poland, Russia, Senegal, South Africa, Sri Lanka, Switzerland, Uganda, United Kingdom, USA, Uzbekistan, Vietnam and Zambia.
- Host State: Maharashtra
- Partner States: Gujarat, Telangana, Jharkhand and Chhattisgarh.
- State Participation: Andhra Pradesh, Rajastahan, Madhya Pradesh, Punjab, Uttar Pradesh and NER States.
- 7032 Business visitors attended the exhibition.
- 653 Delegates attended the Conference.
- 137 Speakers addressed the delegates.
- More than 50 CEOs participated in the CEOs forum.
- Institutional Buyers (Army, Navy, Air Force, CISF CRPF, Paramilitary forces, Police, Hospitals, BRO, Agriculture Institutions, OPWD, PWD, Municipalities, Sports institutions and others).
- 613 Buyers Meetings

CONFERENCE PARTICIPATION
-逆Buyer Seller Meet (RBSM) - Outcome
- Hosted Buyers Program under the Market Access Initiative of Department of Commerce.
- 230 Buyers
- 1760 one to one meetings

VISITOR PROFILE
- Business Visitors from:
  - Automotive sector
  - Medical, health & personal care sector
  - Packaging sector
  - Sports goods, apparel, equipment sector
  - Safety products sector
  - Construction sector
  - Oil & Gas sector
  - Defence, public & fire departments
  - Chemical industry
  - Agriculture sector
  - Food and beverages
  - Logistics & warehousing companies
  - Textile drainage systems
  - Erosion prevention systems
  - Textiles for protection against hazardous substances
  - Mobile containers
  - Textile noise barrier systems
  - Filter systems (air/water)
  - Landfill textile

CEOs ROUND TABLE
The CEOs Round Table would be one of the main highlights of the event. It is an one to one interaction between the industry CEOs and the Central and State Governments. It provides opportunity to both existing as well as new players to deliberate their vision, opportunities and challenges pertaining to the Technical Textile Industry. An interactive platform to discuss the means and scope required to take the growth story of this sector to higher trajectory in coming years.

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REVERSE BUYER SELLER MEET
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- Federation of Indian Chambers of Commerce and Industry
  - Federation House, Tansen Marg, New Delhi - 110001

- Number of Expositions: 168.
- International Participants: Azerbaijan, Bahrain, Bangladesh, Belarus, Brazil, Cambodia, Colombia, Czech Republic, Ethiopia, France, Germany, Ghana, Indonesia, Iran, Israel, Japan, Kazakhstan, Kenya, Kyrgyzstan, Nigeria, Poland, Russia, Senegal, South Africa, Sri Lanka, Switzerland, Uganda, United Kingdom, USA, Uzbekistan, Vietnam and Zambia.

- Host State: Maharashtra
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- 613 Buyers Meetings
- 1760 one to one meetings

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TEXTILES

About Technical Textiles is expected to increase. The consumption of technical textiles is expected to grow at a CAGR of 20-25% between 2020-2025. In India, the textile industry and its potential is still largely untapped, with the technical textile sector growing at a CAGR of 20-25%.

Technical textiles are textile materials and products used for their technical performance and functional advantages. They are being substituted by technical textiles due to their advantages such as cost and performance.

Technical textile sector is projected to reach a market size of Rs. 3,900 crore by 2030-2031.

The domestic market has attracted several large international players such as Johnson and Johnson, Procter & Gamble, 3M, DuPont, Mautex, Radexang, Siemens, Cipla, and DSM-Corning.

Technical Textile is a growing segment of the Indian Economy. The technical textile sector grew at a CAGR of 20-25% over the past five years.

Technical Textile constitutes 12-15% of the total textile value chain in India.

The technical textile sector has been identified as one of the fastest growing segments of the Indian Economy. The Technical Textile sector is growing at a double-digit year on year.

Objectives
- Make India a manufacturing hub in the area of Technical Textiles under the “Make in India” initiative of Government of India.
- Attract Investments.
- Project the latest technological developments in Technical Textiles.
- Project the status, facilities and services on R&D, quality control, govt. regulations and controls, rules and procedures.
- Supply of plant, machinery and equipment in Technical Textiles.
- Showcase the latest products, machinery, equipment & developments in the industry for generating business and business transactions.
- Technology adaptation and upgradation.
- About effective means of establishing and maintaining relationships with existing and potential customers.
- A represented area where the buyer, the seller and the finished product can meet together.
- A lucrative opportunity to release new products to the market, create brand image, establish relationships with customers and add to the value chain.

Highlights
- Focused exhibition on Technical Textiles in India
- 10,000 sq. mtrs of exhibition area
- More than 100 exhibitors expected
- Concurrent Paper Session on Technical Textiles
- International Pavilions
- State pavilions
- Product show on Technical Textiles 628 and 626 meetings
- Reverse Buyer Seller Meet (RBSM)

Display Profile

MEDICAL TEXTILES
- Healthcare/hygiene products - Include beddings & clothing for medical purposes, surgical clothes, products for feminine hygiene like sanitary pads, baby diapers.
- Non-implantable materials - For wound care that includes absorbent pad (towel contact layer, base material, wovens, plastic film) and bandages (simple instantaneous, elastic, orthopedic, plaster, gauze, lint, felt, padding).
- Implantable materials - Like sutures (biodegradable and non-biodegradable), soft tissue implants, artificial tendons (meshes), artificial cartilage, artificial hip implants, artificial joint, cardiovascular implants, vascular grafts.

MOBIL TEXTILES
- Air bag fabrics
- Tyre cord fabrics (including biaxial and biaxial belting)
- Engine (radiator hoses, hydraulic lines, filters)
- Composites used in automotives
- Comfort and decoration (seating, carpets, interior)
- NVH applications of nonwovens

INDUSTRIAL TEXTILES
- Dry and wet filtration applications
- Polishing cloths
- High tenacity yarns
- Geosynthetics are extensively used in the design of both basic and advanced tire systems in the tire industry.
- Sealing cord, fabrics for coating, edging tape for coated fabrics
- Coated and laminated fabrics, finishing threads and yarns
- Coated and embroidered garments, parts for compriments

ECO TEXTILES
- Environ friendly textiles
- Governance standards for textiles

GEO TEXTILES
- Geosynthetics, drainage & geomembranes, gabions, geocells, geobags, geotubes, prefabricated vertical walls, woven composite fabrics

HOME TEXTILES
- Bedding (Blanket, Mattress and pillow components, Corget, Quilts, Cushion, Sheet, Blaft Украина, Blankets, Fitted Beds)

PACKAGING TEXTILES
- HFC bag (Flexible Intermediate Bulk Containers) for processed & granular materials
- Laminated and other bulk packaging products
- Twine and string for tying packages, (includes agricultural applications)
- Non-paper and paper coffee filters
- Twine for stringing, packing, transporting, retailing, packaging, toys
- Woven fiber strapping, lightweight mailbags

About Technical Textiles
- Technical Textiles Sector in India is one of the fastest growing segment of the Indian Economy. The Technical Textile sector is growing at a double-digit year on year.
Technical Textile Sector in India is one of the fastest growing segments of the Indian Economy. The Technical Textiles industry is continuously increasing due to new applications such as cost and performance. This spectacular flagging event comprises of an International exhibition, conference, and seminars. A common platform for interaction amongst stakeholders from across the global technical textile value chain, TECHNOTEX exemplifies the immense potential for trade and investment between India and foreign countries in technical textile sectors.

**OBJECTIVES**

- Make India a manufacturing hub in the area of Technical Textiles under the "Make in India" initiative of Government of India.
- Attract Investments.
- Project the latest technological developments in Technical Textiles.
- Project the status, facilities and services on R&D, quality control, govern regulations and controls, rules and procedures.
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- A represented area where the buyer, the seller and the finished product can "met together".
- A lucrative opportunity to release new products to the market, create brand image, establish relationships with customers and add the value chain.

**HIGHLIGHTS**

- Focused exhibition on Technical Textiles in India
- 10,000 sq. mtrs. of exhibition area
- More than 190 exhibitors expected
- Concurrent Pavilions on Technical Textiles
- International Pavilions
- State Pavilions
- Product show on Technical Textiles
- 12B and 62B meetings
- Reverse Buyer Seller Meet (RBSTM)

**DISPLAY PROFILE**

**MEDICAL TEXTILES**
- Healthcare/medical products - includes bedding, clothing for medical purpose, surgical clothes, products for sterile hygiene like sanitary napkins, baby and adult diapers.
- Non-implantable materials - for wound care that includes absorbent pad (contact to lay, base material visco, plastic film) and bandages (simple instant/elastic, orthopaedic, plaster, guаntes, latex, lint).
- Textiles in extracorporeal devices -like artificial kidney, liver and lung.
- Implantable materials - like sutures (biodegradable and non-biodegradable), soft tissue implants (artificial tendons, artificial cartilage, orthopaedic implants, artificial joint, cardiovascular implants, vascular grafts).

**MOBIL TEXTILES**
- Airbag fabrics (including hoses and door belt reinforcements)
- Automotive upholstery and textile fabrics used inside the vehicle.
- Filters, seat covers, and nonwoven geotextiles, gaskets, grommets, gaskets, prefabricated vertical planes, moisture-proof cloth.

**INDUSTRIAL TEXTILES**
- Dry and wet filters applications
- Papermaking and tissue processing, textile industry
- Sealing cord, fabric for sewing, Epiging tape for coated fabric
- Coated / laminated fabrics, Facing threads and roof
- Coated and coated fabrics, per meter

**ECO TEXTILES**
- Ensure environment friendly
- Governmental schemes for environment friendly

**HOME TEXTILES**
- Handmade (Flax, Jute and jute blends, Cotton, bucking Cloth, Saree, Blinds, Jute Fabrics)

**GEOTECH**
- Geotextiles - extensively used in the design of both base and cover systems of landfill facilities

**PACKAGING TEXTILES**
- FIBC bags (Flexible Intermediate Bulk Containers) for powdered & granular materials
- Laminated bags and other bulk packaging products
- Tapes, and tying for tying packages, includes agricultural applications
- Non-paper bags and coffee filters
- Used packaging for storing, packing, transporting, retailing, foodstuffs, toys
- Woven fiber stoping, lightweight mailbags

**EVENT BACKGROUND**

TECHNOTEX is India’s premier show on technical textiles. This spectacular flagging event comprises of an International exhibition, conference, and seminars. A common platform for interaction amongst stakeholders from across the global technical textile value chain, TECHNOTEX exemplifies the immense potential for trade and investment between India and foreign countries in technical textile sectors.

**ABOUT TECHNICAL TEXTILES**

- Technical Textile Sector in India is one of the fastest growing segments of the Indian Economy. The Technical Textile sector grew at a double digit year on year.

**AN OVERVIEW**

INDIAN TECHNICAL TEXTILE INDUSTRY

Technical textiles are textile materials and products used for their technical performance and functional properties. Technical textiles are an important part of the textile industry and its potential is still largely untapped in India. With the increase in disposable income, the consumption of technical textiles is expected to increase.
The domestic sector has attracted several large international players such as Johnson and Johnson, Moeller, Lindstrom, Teijin, Ahlstrom, STRATA Geosystems, Owens Corning etc. The technical textile sector is continuously being substituted by Technical Textiles due to their technical performance and functional properties. Technical Textiles constitute 12-15% of the total textile value chain in India. The technical textile sector is continuously evolving with several of the Traditional materials being substituted by Technical Textiles due to advantages such as cost and performance.

Technical Textile Sector in India is one of the fastest growing segments of the textile sector and its potential has been acknowledged by government and industry stakeholders alike. This platform created by Ministry of Textiles and FICCI has an endeavor for linkages, technology transfer, exchange of innovative ideas, joint ventures and showcases of what is happening around the globe in the field of Technical Textiles.

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The technical textile sector is projected to reach a market size of Rs. 2.24 lakh crore by 2032-33.

As per baseline survey of Technical Textile Industry in India, there are around 2,075 units manufacturing Technical Textiles in India.

India had 4.5% share in the global Technical Textile Market size across two segments of Technical Textiles.

The domestic sector has attracted several large international players such as Johnson and Johnson, Moeller, Lindstrom, Teijin, Ahlstrom, STRATA Geosystems, Owens Corning etc. The technical textile sector is continuously being substituted by Technical Textiles due to their technical performance and functional properties. Technical Textiles constitute 12-15% of the total textile value chain in India. The technical textile sector is continuously evolving with several of the Traditional materials being substituted by Technical Textiles due to advantages such as cost and performance.

High tensile yarns, Needle punched felt

Sealing cord, fabrics for coating, Edging tape

Drive belts, conveyor belts (for paper making and food processing, textile industry)

Geomembranes for landfills

Automotive upholstery and textile fabrics used extensively in the design of both base and cover systems of landfill facilities

Oekotech

Engine (radiator hoses, hydraulic lines, filters)

Non-paper tea bags and coffee filters

Laundry bags and other bulk packaging products

Flexible Intermediate Bulk Containers (FIBC) big bags

Textiles in extracorporeal devices - Like artificial kidney, liver and lungs

Non-implantable materials - For wound care that includes absorbent pad (wound contact layer, base material wovens, plastic film) and bandages (simple instant plaster, orthopaedic, plaster, gauzes, plasters, lint, padding)

Medical textiles

Packaging textiles

Webs for draping, storage, packaging, textiles for medical purpose, surgical clothes, products for feminine hygiene like sanitary napkins, baby and adult diapers
Reverse Buyer Seller Meet

Reverser Buyer Seller Meet (RBSM) was organized during TechnoTex 2018. A total of 760 meetings were organized for delegates from 34 countries. The same has been organized in this edition of TechnoTex 2019. More than 1000 foreign buyers will be invited to encourage the exports to this sector. Ministry of Commerce and Industry, GOI has extended its support in inviting relevant buyers dealing in relevant products and services for the companies exhibiting during the event.
**PROTECTIVE TEXTILES**
- Fire service equipment, bullet-proof jackets, utility vests, orthopaedic braces
- Fabrics with wparency and breathability membrane
- Bullet-resistant vests, clothing for fire protection

**MOUNTAIN TEXTILES**
- Protective clothing against high-altitude environments, high altitude clothing, snow covering, high altitude clothing, snow covering, high altitude clothing

**AGRO TEXTILES**
- Agricultural cover nets, gauzes, water management shade nets, crop covers, anti-hail covers, insect nets, root net, bird nets, greenhouses, fencing, shading, etc.

**CONSTRUCTION TEXTILES**
- These textiles are used in the construction of buildings, dams, bridges, tunnels and roads and collectively comprise the sector. Some of the major products are:
  - Roofing & signage, Scaffolding nets, Awning & canopies
  - Tarpaulins, Architectural membranes and Fireproofing materials

**CLOTHING TEXTILES**
- Technical components of clothing (such as breathable membranes), shoe reinforcement and construction as well as rain wear (application areas):
  - In shoe components like shoe laces
  - For insulation and protection linings (women as well as men wear, bedding, etc.)
  - Sewing thread and velcro

**SPORT TEXTILES**
- Artificial turf, ballooning fabric, sail cloth
  - Chemicals, gases and pesticides provide protection against harmful chemicals from fire, bullets, Special jackets, attire to protect against harmful chemicals from fire, bullets, Special jackets, attire to protect

**SPORT TEXTILES**
- Tents and sleeping systems, parachutes, pants, sports gear, apparel, shoe reinforcement and construction as well as rain wear. Some technical components of clothing (such as breathable membranes), shoe reinforcement and construction as well as rain wear (application areas):
  - In shoe components like shoe laces
  - For insulation and protection linings (women as well as men wear, bedding, etc.)
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**VISITOR PROFILE**
- Business Visitors from:
  - Automotive sector
  - Medical, health & personal care sector
  - Packaging sector
  - Sports goods, apparels, equipment sector
  - Safety products sector
  - Construction sector
  - Oil & Gas sector
  - Defence, public, fire departments
- Chemical industry

**CHARGES**
- Type of Space: International Indian
  - Shell Space (Min. 15 sq. mtr): US$ 400 per sq. mtr
  - Bare Space (Min. 27 sq. mtr): US$ 100 per sq. mtr

**CONFERENCE PARTICIPATION**
- Delegate fees (per delegate) US$ 100
  - Catalogue Entry Charges: US$ 30 per company

**FEDERATION OF INDIAN CHAMBERS OF COMMERCE AND INDUSTRY (FICCI)**
- Mr. Shrey A. Bhandari, President, Mumbai Office
  - Mr. Nachiket Basole, Joint Director, BANGALORE OFFICE
  - Mr. B.K. Nayak, Joint Director, BANGALORE OFFICE
- Mr. Shreya Bansal, Joint Director, MUMBAI OFFICE
  - Mr. Manoj Mehta, Joint Director, DELHI OFFICE
- Mr. Amit Kakkar, Joint Director, MUMBAI OFFICE
  - Mr. Shomit Gupta, Joint Director, BANGALORE OFFICE

**REVERSE BUYER SELLER MEET**
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**CEOs ROUND TABLE**
- The CEOs Round table would be one of the major highlights of the event. It is a one to one interaction between the industry CEOs and the Central and State Governments. It provides an opportunity to both sides as well as the new players to deliberate their issues, opportunities and challenges pertaining to the Technical Textile Industry. An interactive platform to discuss the issues and scope required to take the growth story of this sector to higher trajectory in coming years.

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- Host State: Maharashtra
- Partner States: Gujarat, Telangana, Jharkhand and Chhattisgarh.
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- 7032 business visitors visited the exhibition.

**REVERSE BUYER SELLER MEET (RBSM) - OUTCOME**
- Hosted Buyers Program under the Market Access Initiative of Department of Commerce.
- 210 Buyers
- 1760 one to one meetings