



GOVT. PLANS NEW EXPORT PROMOTION COUNCIL FOR TECHNICAL TEXTILES, SAYS DARSHANA JARDOSH MoS, TEXTILES

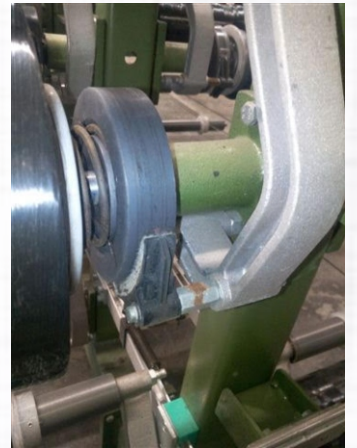


INITIATIVES BY GOVT. TO BOOST TEXTILE/ TECHNICAL TEXTILE INDUSTRIES

- INTEREST EQUALISATION SCHEME (IES) EXTENDED UPTO MARCH 2024
- INDIA AND UAE UNVEIL COMPREHENSIVE ECONOMIC PARTNERSHIP AGREEMENT (CEPA)
- ECONOMIC COOPERATION & TRADE AGREEMENT (ECTA) SIGNED BY INDIA-AUSTRALIA



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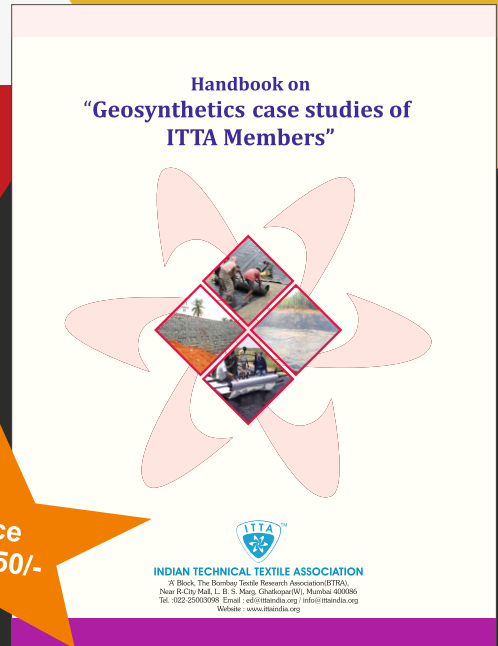


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314, 3rd Floor, MIDAS, SAHAR PLAZA, Andheri-Kurla Road, J.B. Nagar, Andheri-East, Mumbai - 400059

Tel: +22 49635711, Mob: +91 9769464616; Email: info@ittaindia.org;



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Regional Offices :

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D-114, Himalaya House,
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Tel: 011-41718232

Coimbatore :

SIMA, "Shanmukha Manram",
41 Race Course, Coimbatore - 641018
Tel: 0422 4225333

EDITORIAL TEAM

Dr. Anup Rakshit, Executive Director

Ms. Ruchita Gupta, Assistant Manager (Technical)

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Interactive Training Session on GeM - Procedures and Opportunities

The Indian Technical Textile Association (ITTA) organized the "Interactive Training Session on the GeM - Procedures and Opportunities" on 24th February 2022 on Virtual Platform. The workshop was attended by more than 50+ delegates from the technical textile Industry COEs, Consultants, etc.

Shri. Amit Agarwal, Chairman, ITTA welcomed the Speaker from GeM, ITTA members & other Stakeholders from the Technical Textile (TT) industry present in the interactive session. He highlighted that ITTA initiated this interactive session for the growth of industry, to understand the importance of GeM and how it will be helpful for technical textile business. GeM portal has grown tremendously from last 5 years with a sole objective of creating a transparent procurement platform for the buyers.

Shri. Sagar Soni, Regional Manager, Business Facilitator, GeM spoke about the GeM Procedures and Opportunities. He explained the what is GeM and its importance. Key stakeholders of GeM - Internal Stakeholders, Buyers, Sellers, External Govt. Systems, Inspection Systems and Partners. He highlighted the key advantages to seller, Public Procurement Policy (PPP) for MSEs & its benefits are tender sets free of cost, exemption from earnest money (EMD), purchase preference for minimum 25% qty. to MSEs and 358 items exclusively reserved for MSEs and current functionalities deployed in GeM for PPP - MSEs. They offer multiple procurement options such as Direct Purchase- for amounts less than INR 25,000/- , L1- for amounts greater than INR 25,000/- & less than INR 5 lakhs, Intent of Buying-PAC - procurement of specific product as per requirement is also possible, Intent of Buying-Bid - if objective is to go for BID (ONLY BID), there is no need of comparison and Bid/RA - procurement via BID/ RA to get the best price quote. He mentioned in detail

about the function-based flexibility for seller users, ratings for sellers, category driven catalogue management system and vendor assessment by Quality Council of India. He also explained about the Introduction to Seller/Provide Functionality and how to enroll on GeM portal - pre-requisite for registration, profile completion- divide into 4 sections.

INTERACTIVE SESSION

Interactive Session with Industry participants was held at the end of the training session by ITTA. Major points/ views/ suggestions raised by the participants are as follow - If company registered with items with government departments then assessment is necessary for OEM dashboard, What is the process followed for assessing a company in the system?, If the category is not listed, then how



should we add it?, Is caution money different from registration money paid?, Can a OEM seller be a reseller for other products as trading activity?, What is the role of stock? if we mention zero then we can participate in bid or not, If product has not published by firm then, how firms can participate in custom items, Can we create a product category if the same is not in GEM Portal and What is the deference between Past performance and Experience criteria?. Shri. Soni answered all the queries of participants and asked the participants to contact GeM support assistance (Email ID: helpdesk-gem@gov.in; Tel No: 1800-102-3436/ 1800-419-3436) if they have any other queries.

EXPORT-IMPORT PERFORMANCE OF TECHNICAL TEXTILE PRODUCTS OF JANUARY 2022

(ITTA Analysis on Ministry of Commerce and Industry Data)

The data on export and import of 207 technical textile products/items is published as an indicator of foreign trade performance of technical textile industry in India.

A. EXPORT PERFORMANCE

(Value in INR Cr.)

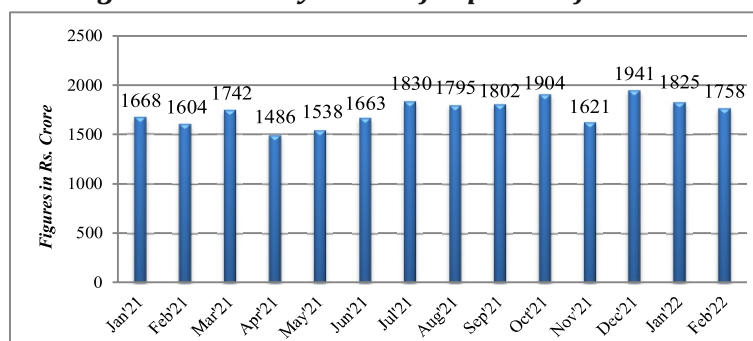
Sr. No	Segments	Feb 2021	Feb 2022	% Growth	Apr'20-Feb'21	Apr'21-Feb'22	% Growth
1	Agrotech	63	74	17%	617	655	6%
2	Buildtech	66	79	20%	665	801	21%
3	Clothtech	18	19	11%	186	292	57%
4	Geotech	186	193	3%	1627	2252	38%
5	Hometech	12	19	65%	145	232	60%
6	Indutech	187	211	13%	1618	2251	39%
7	Meditech	111	145	30%	1116	1381	24%
8	Mobiltech	129	145	13%	1204	1528	27%
9	Packtech	619	664	7%	5173	7526	45%
10	Protech	33	44	32%	401	464	16%
11	Sportech	22	42	94%	260	310	19%
12	Nonwovens	158	123	-22%	1479	1536	4%
	GRAND TOTAL	1604	1758	10%	14491	19228	33%

Data Source: ITTA Analysis on Ministry of Commerce and Industry (at 8 digit level of HSN Codes)

Top Ten Exported Products in Month of Feb'22 -

Sr. No.	Product Names	HS CODES	Values (In Cr.)
1.	Flexible Intermediate Bulk Containers (PACKTECH)	63053200	590
2.	Geogrids (GEOTECH)	59039090	112
3.	Twine, Cordage, Ropes and Cables of Polyethylene or Polypropylene (INDUTECH)	56074900	82
4.	Jute Hessian Fabrics (PACKTECH)	53101013	72
5.	Geocomposites (GEOTECH)	70199090	50
6.	Panty Hose and Tights of other fibres (MEDITECH)	61152990	46
7.	Other fabrics impregnated, laminated and coated with PVC (BUILDTECH)	59031090	45
8.	Nonwovens of MMF: Wt. - 25 gsm to 70 gsm (NONWOVEN)	56031200	44
9.	Other Tyre cord fabric impregnated with rubber (INDUTECH)	59029010	41
10.	Safety airbags with inflator system (MOBILTECH)	87089500	35

Figure 1 - Monthly Trend of Export Performance



The above export figures show an increase in month of December 2021, but then it showed a slight decrease from January to February 2022.

B. IMPORT PERFORMANCE

(Value in INR Cr.)

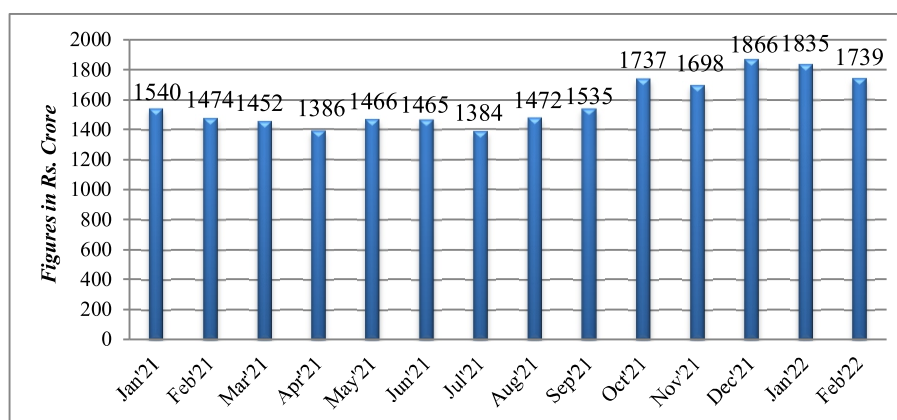
Sr. No	Segments	Feb 2021	Feb 2022	% Growth	Apr'20-Feb'21	Apr'21-Feb'22	% Growth
1	Agrotech	27	41	50%	262	407	55%
2	Buildtech	170	185	9%	1090	1640	51%
3	Clothtech	23	30	31%	176	298	70%
4	Geotech	153	228	49%	1143	1686	47%
5	Hometech	35	37	5%	343	357	4%
6	Indutech	256	281	10%	2084	2975	43%
7	Meditech	104	106	1%	779	980	26%
8	Mobiltech	432	530	23%	3546	5956	68%
9	Packtech	45	52	17%	406	577	42%
10	Protech	36	50	39%	368	475	29%
11	Sportech	19	16	-19%	116	160	38%
12	Nonwovens	174	183	5%	1470	2006	36%
	GRAND TOTAL	1474	1739	18%	11783	17517	49%

Data Source: ITTA Analysis on Ministry of Commerce and Industry (at 8 digit level of HSN Codes)

Top Ten Imported Products in Month of Feb'22 -

Sr. No.	Product Names	HS CODES	Values (In Cr.)
1.	Safety airbags with inflator system (MOBILTECH)	87089500	123
2.	Geocomposites (GEOTECH)	70199090	110
3.	Other fabrics impregnated, laminated and coated with Polyurethane (BUILDTECH & MOBILTECH)	59032090	90
4.	Geogrids (GEOTECH)	59039090	87
5.	Other Tyre cord fabric of nylon or other polyamides (INDUTECH)	59021090	79
6.	Other High tenacity yarn of Polyester whether or not textured (INDUTECH)	54022090	68
7.	Other fabrics impregnated, laminated and coated with PVC (BUILDTECH)	59031090	64
8.	Other High tenacity yarn of nylon or other polyamides (Less than 840 Denier) (INDUTECH)	54021990	56
9.	Sanitary pads, tampons, napkin liners for babies and similar articles of other textile material	96190090	54
10.	Glass Fibres - Other (Silvers & Yarn) (INDUTECH)	70191900	53

Figure 2 - Monthly Trend of Import Performance



India's import of TT products have registered a steady growth from November to December 2021, then it started decreasing from January 2022 onwards.

1. ENGAGEMENTS WITH CENTRAL & STATE GOVERNMENTS

1.1. Virtual Meeting on Broadening application areas of Geotextiles with User ministries and Manufacturers with HMOT

Geotextiles are being increasingly used globally to address dangers posed to infrastructure. They are gaining acceptability both in the domestic and international markets in view of their special technical attributes such as drapability, inertial strength, ecological efficiency, low maintenance, customizable fabric, fineness and other financial

advantages. In this regard, a virtual meeting to promote uses of Geotextiles in Infrastructure (Road, Railways, Slope protection, etc.) and Water Management Sectors was held on 24th March 2022 under the Chairmanship of Hon'ble Minister of Textiles in New Delhi. From ITTA, Shri. Amit Agarwal, Chairman attended the meeting as an invitee. He and other ITTA members who are leading Geotextile manufacturers, made presentations on all types of geotextile products that are produced in India & their applications.

2. ITTA's REPRESENTATIONS TO GOVT.

2.1. Govt. accepted ITTA's Representation & Notified not to impose ADD on Glass fibre imported from Bahrain and Egypt

Since high grade glass fibres are not produced in India for specialised uses like wind mill blades and related products, ITTA members have to import these glass fibres at a high price. In this regard, ITTA members who are users or importers of Glass fibres approached ITTA to represent this issue to Govt.

ITTA's Representation was accepted by Govt. and Notified, in favour of industry, not to impose anti-dumping duty on imports of "Glass Fibre and Articles thereof" originating in or exported from Bahrain and Egypt as per the Office Memorandum dated 03rd March 2022.

2.2. ITTA's Representation to add the Machinery for Conversion of Nonwoven into Underpads in ATUFS was accepted

The Machinery for Conversion of Nonwoven into Underpad used for Medical Textiles was originally not included in the 'Technical Textiles' eligible machine list of MC-3 under ATUFS. Underpad is an item of removable bedding that sits on top of a mattress to provide protection to the mattress. An underpad is used by hospitals, nursing homes,

households to avoid the under-layer of the bed or mattress from getting wet. It is used for both children and elderly who have loss of control on their bladder. The Underpad keeps the skin dry, healthy, rash free and keeps the odour away. In this regard, ITTA members who are planning to install/invest in this machinery approached ITTA to represent the issues and concerns on this subject.

Accordingly, ITTA made a representation to The Office of the Textile Commissioner (OTXC) and strongly recommended to include the above machinery in the eligible technical textile machinery list of MC-3, ideally under MC-3 (i) (9) or in MC-3 (i) (8) under "Other such items". This matter is under consideration with OTXC and the decision may be taken in the next TAMC meeting.

2.3. Appeal to MOT on urgent release of the outstanding payment on "Scheme for Usage of Geotextile in North East"

After submitting all the completion certificates required for release of payments by the companies who had supplied large quantities of Geotechnical textiles for the utilization under the Scheme for Usage of Geotextile in North East, yet many ITTA members have not received their pending payments during the last 3 years, which is amounting to more than 400 Lakhs.

In this connection, ITTA requested the Ministry of Textiles (MOT) to kindly recommend for urgent release of the outstanding payments in the “Scheme for Usage of Geotextiles in North East” by the MOT to

the concerned so that the respective companies will receive their expended payments within this financial year, before 31st March, 2022.

3. EVENTS SUPPORTED & CONTRIBUTED BY ITTA

3.1. International Conference on Creating the Winning Leap in Technical Textiles jointly by MOT and CII

Ministry of Textiles (MOT) jointly with Confederation of Indian Industries (CII) and supported by ITTA, organized a full-day International Conference on Technical Textiles with the Theme: Creating the Winning Leap in Technical Textiles on 12th March 2022 in New Delhi on Hybrid Mode (Physical and Virtual Platform).

Around 1000 participants attended the conference including higher Officials from 15 Line Ministries and Departments of the Central and State Governments, Eminent Industrialists from India as well as abroad through hybrid mode (Physical and Virtual).

Speaking at the event, Guest of Honor, Minister of State of Textiles Smt. Darshana Vikram Jardosh,

Government of India, including Jal Jivan Mission, Mission of Integrated Development of Horticulture, National Health Mission, National Investment Pipeline, and strategic sectors are expected to create untapped opportunities in the domestic market. She further emphasized that it is the right time to maximize investment, employment, and women's participation in the industry.

Shri U. P. Singh, Secretary, Ministry of Textiles highlighted the remarkable growth in scientific and technological innovation in fibre science and textile manufacturing processes. He added that India positioned itself as the 5th largest technical textile market with USD 20 Billion size and an annual average growth rate of 8%. With rapid industrialization, fast growth in infrastructure, increasing automobile production, rising demand from healthcare sector, increasing interest towards sports and fitness activities, awareness towards personal hygiene and sanitation; the growth of Technical Textiles in India is expected to remain

sustained level for next decade. He further added that the Government is making all efforts to promote technical textiles including mandatory use of 92 items by government organisations covering agriculture, horticulture, highways, railways, water resources, and medical applications, 100 new Indian Standards are in the pipeline, and introduction of six new



highlighted the importance of technical textiles for boosting the economy of the country and its potential to contribute to the Hon'ble Prime Minister's Mission on 'Atmanirbhar Bharat' through various flagship missions and schemes of the

courses and another new 20 courses are under preparation on Technical Textiles.

In this conference, there was a dedicated session on 'CEO Speak' on Growth & Investment potential in

Technical Textiles, chaired by Minister of State for Textiles. Shri. Amit Agarwal, Chairman-ITTA



expressed his happiness and thanked Ministry of Textile for the tremendous support and encouragement that we have been receiving. With the advent of various schemes initiated by the Govt. of India recently such as Production Linked Incentive (PLI) Scheme for Textiles, PM MITRA Scheme, National Technical Textile Mission (NTTM), it is expected to have an impetus on growth of Technical Textile Industry.

There were Five sessions wherein many ITTA members were the eminent speakers – (i) “Waste material applications in technical textiles” - Shri. Rajiv Sajdeh-Indo German Yarn and Fibre LLP and Shri. Tarun Jagga-Reliance Ltd (Polyester), (ii) Geotextiles - Shri. Tiru Kulkarni-Garware Technical Fibres, Shri. Ratnakar Mahajan-Maccaferri Environmental Solutions Pvt. Ltd., Shri. Yashodeep Patil-Strata Geosystems (India) Pvt. Ltd. and Dr. Ingo Maehlmann-Oerlikon Nonwoven, (iii) Agro-textiles - Dr. V. V. Rakhunde-CTM Technical Textiles, Specialty fibres - Dr. Nandan Kumar-High Performance Textiles Pvt. Ltd., Shri. Anurag Srivastava-Reliance Industries Ltd. and Shri.



textiles - Dr. K S Sundararaman-Shiva Texyarn Ltd., Shri. Kiran Warriar-Welspun Advanced Textiles and Shri. Narinder Thapa-Arvind Ltd., (v) Medical

textiles - Dr. Anup Rakshit, ED-ITTA, Shri. Ragesh Mehta-Nobel Hygiene Pvt. Ltd., and Shri. Mukul Diwakar-Welspun Advanced Textiles.

The Medical Textiles Session was moderated by Dr. Anup Rakshit. The Panelists in the session were- Prof. Ashwini Agrawal, Institute Chair Professor of IIT-Delhi, Shri. Ragesh Mehta, CFO, Nobel Hygiene Pvt. Ltd., Dr. Vinod Shanbhag, Immediate Past Chairman, NISTI and Chairman, United world Institute of Design, Karnavati University, Shri. Mukul Diwakar, SBU Head-Wet Wipes, Welspun Advanced

Textiles and Shri. Dharmbeer Scientist C, Textiles, Bureau of Indian Standards.

Dr. Rakshit said that this session will focus on the Growth potential, Recent innovations, market trends and solutions adopted in the fields of Medical Textiles and Healthcare Products. He pointed out that Meditech is one of the fastest growing sectors of the technical textiles. The total market size of medical textile in 2019-20 is Rs. 6109 crores in 2019-20. It is projected to grow at the rate of 9% CAGR, and estimated to reach about Rs. Rs. 8911 crores by 2024-25. The outbreak of COVID pandemic 2019 has created an unprecedented rise in demand of PPE kits and other products in this segment. Two prominent areas in medical textiles are Healthcare & Hygiene. The high growth products are Surgical Disposables, Diapers, Sanitary napkin, Bandages, etc.

The Panelists addressed all the questions covering areas, such as Experiences during the Covid 19 period & how do you see the Medical Textiles market in future? Also, what are your suggestion to sustain the PPE Kit market in future, how industry looks at the Wet wipe market in both Medical & Industrial applications, Current Scenario and Future Potential of Reusable hygiene products, Emerging technologies & innovations in medical textiles - wearable electronics, nano technology, tissue engineering, special bandages, etc., Use of new materials in Meditech products- winter jackets-graphene, smart textiles, etc. and Indian Standards of Meditech products - accredited labs, testing, requirement of certifications/ regulatory framework and alliance with international org. for adopting the international standards.

3.2 International Conference on INDIAN Polyester - 2022 in Mumbai

Elite Conferences organized the 8th International Conference, INDIAN Polyester - 2022 on 23rd March 2022 at Hotel ITC Maratha, Mumbai on Hybrid Mode (Physical and Virtual Platform). This is an exclusive forum for interaction among the polyester fraternity in India and their global counterparts. Shri. Amit Agarwal, Chairman, ITTA was invited as a Panelist in the conference.

The conference focused on the challenges faced by the polyester & fibre intermediate industry. The coverage area of the conference includes downstream textile industry with the focus on developments in technical textiles and its applications. Primary focus on Indian markets and overview of the Asian and Global markets. Conference received participation from manufacturers, traders, downstream users, consultants, technology providers, logistics support, analysts etc.

Topics addressed in the conference: Growth opportunities in MMF in Indian markets, PLI scheme as a catalyst for MMF & Technical Textiles growth, PX, PTA overview '21-Tough year going forward into '22, Asia PTA: Impact of upstream volatility on polyester chain, Polyester recycle: Challenges & opportunities, India's growth plan on value added technical textiles, Technical Textiles-Driving the future growth of MMF, Models to double India's share in global apparel trade and Revisualizing the MMF downstream value chain.

The panel session on Technical Textiles - Driving the future growth of MMF was moderated by Shri. Debabrata Ghosh, Vice President & Sales Director-Oerlikon Textile. The eminent Panelists were Shri. Amit Agarwal, ITTA, Shri. Pramod Khosla, Chairman & Managing Director, Khosla Profil Pvt. Ltd. Shri. Narendra Dalmia, Director, Strata Geosystems and Shri. Avinash Mayekar, MD & CEO, Suvin.

3.3. Seminar on Technical Textiles - Need of today and tomorrow at Vapi, Gujarat

ITTA supported the Seminar on Technical Textiles - Need of today and tomorrow which was organized by The Textile Association (India), Mumbai Unit on 26th March 2022 at Hotel Fortune Park Galaxy, Vapi.



Shri. Amit Agarwal, Chairman, ITTA was invited as a Guest of Honour and Dr. Anup Rakshit, ED, ITTA as a Key Note Speaker in the seminar.



Two of the ITTA member were felicitated -



Shri. Pramod Khosla, Chairman & Managing Director, Khosla Profil Pvt. Ltd. with The Lifetime Achievement Award



Shri. Narendra Dalmia, Director & CEO, Strata Geosystems (India) Pvt. Ltd with The Industrial Excellence Award.

In this seminar, there were three sessions on - Emerging Opportunities in Technical Textiles, Manufacture of Technical Textiles - Prospects and Technological Advancements in Technical Textiles.

Shri. Anjani Prasad, Managing Director, India Cluster, Archroma India Pvt. Ltd. presented a paper on Sustainable Technical Textile - Chemical View. The session on Technological Advancements in Technical Textiles was moderated by Dr. Anup Rakshit. The Panelists in the session were - Shri. Prashant M. Mangukia, Director, Yamuna Machine Works Pvt. Ltd., Shri. Sanjay Sathe, Sr. Vice President & Head Product Management, Archroma India Ltd., Shri. Narendra Kajale, Vice President, Technology & Innovations, Texport Syndicate (Ind) Ltd. And Shri. Birendranath Bandhopadhyay, President, Kusumgar Corporates Pvt. Ltd.

Dr. Rakshit highlighted that this session will cover major TT Products & Machinery and issues that are required to be addressed. Following topics were covered - Recent advancements in various TT products and What should be industry focus in future. The Panelists ably addressed all the questions covering areas, such as- Technological Advancements & Emerging Materials including chemicals that can provide solutions to various challenges; kind of Indian technologies & Machinery that available for the technical textile industry vis-a-vis the imported technologies; status of high-end woven sports textile in India; Defence Textiles- high altitude protective garments, IR reflective camouflage printed fabrics and megatrends that are expected to drive technical textile consumption in India.

Another Webinar on Technical Textiles - Opportunities & Challenges was organized by The Textile Association (India), Mumbai Unit on 23rd April 2022 thru Virtual Platform. The webinar was moderated by Dr. G. S. Nadiger, Chairman, PAC, TAI and Vice Chairman, TAI, Mumbai Unit. Speakers of the webinar were Dr. Chandan Chatterjee, Executive Director, ADS Foundation and Dr. Anup Rakshit, Executive Director, ITTA.

3.4. International Symposium on Circular Economy and Automation process in Technical Textiles by TTTA, Taiwan

The 14th International Technical Textiles Symposium (ITTS) with a Theme: "A Circular

Economy and Automation process in Textiles" was held on 23rd - 24th March 2022 on Hybrid Mode (Physical and Virtual Platform). The symposium was organized by Taiwan Technical Textile Association (TTTA) and Taiwan Textile Research Institute (TTRI).

Shri. Amit Agarwal, Chairman, ITTA addressed the participants on 23rd March 2022. He highlighted about the MOU signed with the TTTA and also said that there is good scope for ITTA and TTTA to work together on the promotion of Technical Textiles in India and Taiwan by jointly organising the international workshop and seminar with technical textile companies of both the countries, to promote development of product testing standards and to support major events of Technical Textiles/ Nonwovens and related Industries organized by ITTA and TTTA members.

3.5. Man-Made Fibre Conclave 2022 by CITI, New Delhi

Man-Made Fibre Conclave 2022 was organized by Confederation of Indian Textile Industry (CITI) with a Theme: "USD 450 billion Global MMF Textiles Trade: Growth Beacon for the Indian Textile Industry" on 09th March 2022 thru Virtual Platform. Shri. Avinash Misar, Vice Chairman, ITTA was invited as a Panelist in the conclave.

In this conclave, there were two sessions on - Global Market Situation and Emerging Trends in the MMF based Textile Industry and Growth Opportunities for Indian Companies in the MMF Sector.

The discussion on panel session on Growth Opportunities for Indian Companies in the MMF Sector deliberated on specific business opportunities for Indian stakeholders in the context of changing global scenario and government thrust on this sector, e.g., by launch of PLI scheme. This session was chaired by Ms. Roop Rashi, Textile Commissioner and moderated by Shri. Prashant Agarwal, Jt. Managing Director, Wazir Advisors. The eminent Panelists were Shri. Narendra Goenka, Chairman, AEPC & Texport Industries Ltd., Shri. Rakesh Mehra, Deputy Chairman, CITI & Chairman, Banswara Syntex Ltd., Dr. S. N. Modani, Chairman, Rajasthan Textile Mills Association & Managing Director, Sangam India Ltd., Shri. Bhadrash Dodhia, Vice Chairman, SRTEPC & Director, Dodhia Group, Shri. Avinash Misar, ITTA, Shri. Updeep Singh, President & CEO, Sutlej Textiles & Industries Ltd., Shri. C. Ramanadane, Vice President - Sales (Domestic), Lakshmi Machine Works Ltd.

1. BIS Sectional Committee Meetings -

1.1 Geosynthetics Sectional Committee (TXD 30)

The 27th Meeting of Geosynthetics Sectional Committee, TXD 30 was held through video conferencing on 10.03.2022. The meeting was attended by Ms. Ruchita Gupta, Asst. Manager (Technical) from ITTA Secretariat and ITTA Members from Charankattu Coir Mfg. Co. (P) Ltd., Garware Technical Fibres Ltd., Geosynthetics Testing Services Pvt. Ltd., Kusumgar Corporates Pvt. Ltd., Maccaferri Environmental Solutions Pvt. Ltd., STRATA Geosystems (India) Pvt. Ltd., Techfab (India) Industries Ltd. and Texel Industries Ltd.

Highlights of the key points discussed & decided in the meeting

2. Workshop for Standardization Cells in Industry Associations by BIS

BIS has been facilitating creation of Standardization Cells in all Central and State Government Ministries/Departments and industry associations to enhance stakeholder involvement in standardization process.

Towards this, BIS organized a Half Day Virtual Workshop for Standardization Cells in Industry Associations on 05th April 2022. Shri. Jayanta Roy Chowdhury, Scientist-G & DDG (Standardization-I), BIS made a presentation on Standards National Action Plan (SNAP) and Standardization cells - Purpose & Expectations and Shri. J. K. Gupta, Head (Textiles) on Process of Standards development & Stakeholders involvement. Mr. Gupta appreciated ITTA's work on standard development in the field of Technical Textiles.

Dr. Anup Rakshit, ED, ITTA was invited to share ITTA's experience and insights on creating the Standardisation Cells. He mentioned that ITTA formed the Sectoral Committee on each 13 TT segments few

1. **Wide Circulation** - Five Draft standards will be issued under wide circulation- IS 16653:2017 - Needle Punched Nonwoven Geobags for Coastal and Waterways Protection, IS 14986 - Guidelines for Application of Jute Geotextile for Rain Water Erosion Control in Road and Railway Embankments and Hill Slopes, Code of Practice on Geosynthetic Reinforced Soil Structures, Prefabricated Vertical Drains for Applications in Infrastructure Projects in Coastal Areas and Coir nonwoven stitched composite geotextiles.
2. Committee advocated Indian technical presence in ISO/TC221/WC6 and nominated Experts from number of ITTA member companies manufacturing Geosynthetics.

years back with the objective to Resolve Industry Issues with various Govt. Bodies, help Industry on Product Development, Testing, Certification, etc., Market development & Standardisation of Products & Processes. This helped ITTA to form "Standardization Cells". As per the request from BIS cells were formed on 10 Major TT Segments: Geosynthetics, Protective Clothing, Industrial Fabrics, Buildtech Applications, Agrotech Applications, Medtech Applications, Sportech Applications, Mobiltech Applications, Clothtech, Narrow Fabrics and Braids & Composites and Speciality Fibres headed by a Team Leader from the specific Industry Segment. Activities of ITTA Standardisation Cells are team members meet periodically to know their various issues including Standardisation needs and contribute in Identification of Products/Testing Standards & provide data in Draft Preparation for Development of BIS Stds. ITTA also heads few Panels constituted by BIS on standard development on very specialized subjects, e.g.- Geotextiles, Meditech, Indutech, Sportech, etc.

3. Textile Division Council (TXDC) Meeting

The 24th meeting of Textiles Division Council, TXDC was held on 19.04.2022 through Video Conferencing. Division Councils are set up by the Standards Advisory Committee in defined areas of industries and technologies for formulation of standards. At present there are 15 Division Councils in BIS, one of them is on Textiles. Functions - advise on the subject areas to be taken up for formulation of standards, set up sectional committees, approve proposals for work, advise on matters relating to research and development, study

the work of international organizations, advise on implementation of established standards, etc. Dr. Anup Rakshit, ED, ITTA was invited in the meeting to give his views on technical textile sector.

Key points discussed & decided in the meeting -
Dr. Anup Rakshit was appointed as the member of Textile Division Council.
2. TXD 40 Sectional Committee was renamed as "Technical Textile Components of Composites and High-Performance Fibres".

Govt approves 61 proposals out of 67 received under PLI scheme for textiles

The Selection Committee chaired by Secretary, Ministry of Textiles, Shri U.P. Singh has selected 61 applicants under Production Linked Incentive (PLI) Scheme for Textiles. A total of 67 applications were received for the PLI scheme out of which 15 applications are under Part-1 and 52 applications are under Part-2.

Addressing the media in a press conference, Secretary, Ministry of Textiles, Shri UP Singh said that in the 61 applications approved the proposed total investment expected from the applicants is Rs. 19,077 crores and a projected turnover is Rs. 184,917 crores over a period of 5 years with a

proposed direct employment of 240,134.

The scheme has two parts, Part 1 where minimum investment is Rs. 300 crore and minimum turnover required to be achieved for incentive is Rs.600 crore; and Part-2, where minimum investment is of Rs. 100 crore and minimum turnover required to be achieved for incentive is Rs. 200 crores.

Detailed list of the 61 applicants selected under the scheme, please visit the below link -- <http://ittaindia.org/sites/default/files/PIB1816795%20%281%29%20-%2014.04.2022.pdf>

Interest Subsidy Scheme for Exporters extended till March 2024

RBI on 8th March 2022 extended the interest equalisation scheme for pre and post shipment rupee credit for MSME exporters till March 2024 with the objective of boosting outbound shipments. Exporters get subsidy under the 'Interest Equalisation Scheme for pre and post-shipment Rupee Export Credit'.

In April last year, the scheme was first extended till June end and later till September 2021. The interest equalisation rates under the scheme have been revised to 2 per cent and 3 per cent for specified

categories of MSME manufacturer exporters, the RBI said.

"The government has approved the extension of Interest Equalization Scheme for Pre and Post Shipment Rupee Export Credit up to March 31, 2024 or till further review, whichever is earlier. The extension takes effect from October 1, 2021 and ends on March 31, 2024," the RBI said in a notification dated 8th March 2022.

The scheme will not apply to telecom instruments



and entities availing benefits under the Production Linked Incentive (PLI) scheme of the government. While issuing approval to the exporter, the bank will be required to furnish the prevailing interest rate, the interest subvention being provided, and the net rate being charged to each exporter, so as to ensure transparency and greater accountability in the operation of the scheme, the RBI said.

It further said from April 1, 2022, banks shall reduce the interest rate charged to the eligible exporters upfront as per the guidelines and submit the claims

in original within 15 days from the end of the respective month in the prescribed format. The RBI further said for the October 1, 2021 to March 31, 2022 period, banks shall identify the eligible exporters as per the scheme, credit their accounts with the eligible amount of interest equalisation and submit sector-wise consolidated reimbursement claim for the period to the Reserve Bank by April 30, 2022.

[Source - <https://m.rbi.org.in/scripts/FSNotification.aspx?Id=12252&fn=2&Mode=0>]

Govt. looking at Textile fund validity beyond FY22



The government is considering a proposal to extend the validity of its flagship capital investment scheme for the textiles and garment sector beyond March 31, until a new programme, which is in the works, is finalised.

The government is firming up a Rs 16,635-crore programme that will not just replace the latest avatar of the Technology Upgradation Fund Scheme (TUFS) but also promote integrated manufacturing facilities and technology adoption in a big way to enable India to regain its lost share in the global market. The new scheme will be called the Textiles Technology Development Scheme (TTDS). "The new scheme will take some time to materialise. More deliberations are required for finalising certain aspects of the scheme. So, there is a proposal to extend the current scheme's validity. The government will soon take a call on whether the

extension will be granted".

While notifying the Amended Technology Upgradation Fund Scheme (ATUFS) in January 2016, the government had set aside an outlay of Rs 17,822 crore (Rs 12,671 crore for clearing pending claims under the scheme's earlier avatars and Rs 5,151 crore for implementing the ATUFS) until FY22. The scheme is supposed to mobilise fresh investments of about Rs 95,000 crore in the textile and apparel sector by FY22 and create 3.5 million new jobs. However, until FY21, it could incentivise projects worth only Rs 46,861 crore, while the subsidy disbursement stood at Rs 3,378 crore.

[Source - <https://www.financialexpress.com/economy/textile-fund-validity-beyond-fy22-being-looked-at/2468544/>]

Continuation of EPCG scheme under review

The government is reviewing the continuation of a key export scheme, Export Promotion Capital Goods (EPCG), launched in the 1990s, that allows exporters to import certain capital goods used in manufacturing without paying duty.

The commerce department is examining whether the scheme found to be inconsistent with the rules of the World Trade Organization is still needed or can be discontinued. "There is a thought in certain sections of the government that the EPCG scheme is

not supporting the growth of the domestic capital goods industry and should be discontinued," said a government official. Commerce Secretary, Shri. BVR Subrahmanyam told the media that EPCG is not off the table but certain schemes are under question.

According to people familiar with the matter, the revenue department is in favour of gradually phasing out the scheme. The benefits under the scheme offered to the power sector were withdrawn almost ten years ago. The commerce and industry ministry has held one round of talks with industry on the issue.

Under the scheme, import of capital goods for pre-production, production and post-production is allowed at zero duty. However, this is subject to fulfilment of specific export obligation equivalent to six times of duty, taxes and cess saved on capital goods, to be fulfilled in six years from the date of issue of authorisation. Almost 95,000 authorisations were issued between 2015-21.

Govt plans new Export Promotion Council for Technical Textiles

The government is planning to set up a separate export promotion council for technical textiles which will focus on increasing shipments from that particular segment, said Smt. Darshana Jardosh, Union Minister of States for Textiles.

Inaugurating the FAB Show by the Clothing Manufacturers Association of India (CMAI), the Smt. Jardosh said, "Different fields of textiles and clothing have their own export promotion councils. As technical textile is a new addition, the government is considering of forming an export promotion council separately for it."

She further highlighted the lack of coordination among ministries and nodal agencies under the previous governments. The present government

Exporters have urged the government to continue the scheme as a six-year export obligation period helps them sustain their exports despite challenging conditions. "Many companies would have stopped exporting had there been no export obligation under EPCG," an industry representative who participated in the stakeholder consultation late last month said.

As per another trade representative, the finance ministry's Manufacturing and Other Operations in Warehouse Regulations Scheme allows duty-free import of capital goods even for domestic production unlike EPCG, which generates committed exports, and hence, the scheme should not be withdrawn.

[Source - <https://economictimes.indiatimes.com/news/economy/policy/continuation-of-epcg-scheme-under-review/articleshow/89395179.cms>]



has ensured that all concerned departments and ministries have smooth coordination and hence there is no need for a new textile policy, she said.

Speaking on the Textiles Upgradation Fund Scheme, she said that the government has to bear the brunt of various financial incentives announced by the previous government without making enough financial provisioning. After achieving the export target in the last fiscal year, the government is all set to announce new target, she said.

[Source - <https://www.thehindubusinessline.com/news/govt-plans-new-export-promotion-council-for-technical-textiles/article65311632.ece>]

Initiatives taken by Govt. for Export Promotion



Government is encouraging and promoting Indian exports in international markets and initiate suitable interventions from time to time. The key schemes/interventions taken are:

1. Market Access Initiative (MAI) Scheme provides assistance to Export Promotion Organizations/Trade Promotion Organizations/National Level Institutions/Research Institutions/Universities/Laboratories, Exporters etc., for enhancement of exports through accessing new markets or through increasing the share in the existing markets.'
2. Transport and Marketing Assistance (TMA) for Specified Agriculture Products' provides assistance for the international component of freight, to mitigate the freight disadvantage for the export of agriculture products, and marketing of agricultural products, is under implementation.
3. Assistance to the exporters of agricultural products is also available under the Export Promotion Schemes of Agricultural & Processed Food Products Export Development Authority (APEDA), Marine Products Export Development Authority (MPEDA), Tobacco Board, Tea Board, Coffee Board, Rubber Board and Spices Board.
4. Districts as Export Hubs Initiative' for products and services with export potential have been identified in all districts of the country.
5. Trade Infrastructure for Export Scheme (TIES) provides assistance to Central and State Government agencies for creation of

appropriate infrastructure for growth of exports.

6. Remission of Duties and Taxes on Exported Products (RoDTEP) provides remission of Central, State and Local duties/taxes/levies which are incurred in the process of manufacture and distribution of exported products, but are currently not being refunded under any other duty remission scheme.
7. Common Digital Platform for Certificate of Origin to facilitate trade and increase FTA utilization by exporters.
8. 12 Champion Services Sectors have been identified for promoting and diversifying services exports by pursuing specific action plans.
9. Active role of EPCs, Commodity Boards and Indian missions abroad towards promoting India's trade, tourism, technology and investment goals has been enhanced.

Bringing in a new legislation to replace the extant SEZ law would involve consultations with Central Government Ministries/ Departments, State Governments as well as relevant stakeholders. The details of the new legislation will take into consideration the consultations held. This information was given by the Minister of State in the Ministry of Commerce and Industry, Smt. Anupriya Patel, in a written reply in the Lok Sabha.

[Source - <https://pib.gov.in/PressReleasePage.aspx?PRID=1808811>]

Affordable high-performance fabric- destroys almost 100% bacteria, virus in 30 mins



An Indian Institute of Technology (IIT) Delhi startup has developed an “affordable high-performance medical textile”, which claims to “destroy around 99.9% of the bacteria and viruses within 30 minutes”. The product, Fabium, has been developed by a start-up called Fabiosys Innovations. “Ordinary antimicrobial fabric products available in the market inhibit microbes in a span of 24 hours and that too with an unsatisfactory efficiency. This time span of 24 hours makes those antimicrobial fabric products impractical to be used in everyday life because a typical bacterium doubles itself in a span of around 20-30 minutes,” IIT-D said in a statement.

Fabium® is developed using a technology called Hi-PAT, which makes it highly effective against bacteria, viruses, and fungi. Fabium starts working within seconds of contact with the pathogens and destroys ~ 99.9% of them within 30 minutes. Manufacturing the fabric requires “passing the raw cotton fabric through a set of proprietary chemical formulations while using the standard textile processing machinery”, which are commonly available in the Indian textile industry.

The newly developed fabric can be made with “any

kind of fabric: Natural or Synthetic; Woven, Non-woven or knitted”. One of its USPs is its natural colour, “which is 100% white making it suitable for further dyeing, printing, embroidery, and other kinds of designing”. The team, which produced Fabium, has completed large-scale manufacturing trials in collaboration with a textile industry partner in Delhi and the National Capital Region (NCR) “to ensure that the large-scale fabric manufacturing can be done while maintaining its high-efficiency and affordability”.

The fabric is free from formaldehyde & metal nanoparticles, which cause toxicity & irritation to the human body. The fabric is rigorously tested as per ASTM D737 Standard for air permeability, which shows that the Fabium is almost as breathable as regular fabrics, which makes it very useful in applications like masks & Coveralls (PPE), where breathability is almost always an issue.

[Source - <https://indianexpress.com/article/cities/delhi/iit-d-startup-develops-medical-textile-that-destroys-almost-100-bacteria-virus-in-30-mins-7840617/>]

Comprehensive Economic Partnership Agreement (CEPA) between India and the United Arab Emirates (UAE) Unveiled

INDIA-UAE Comprehensive Economic Partnership Agreement (CEPA) was signed on 18th February 2022 in New Delhi during the India-UAE Virtual Summit held between His Excellency Shri. Narendra Modi, Hon'ble Prime Minister of India and His Highness Sheikh Mohammed Bin Zayed Al-Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces, and Chairman of the Executive Council.

The India-UAE CEPA is the first deep and full free trade Agreement to be signed by India with any country in the past decade. The Agreement is a comprehensive agreement, which will cover Trade in Goods, Rules of Origin, Trade in Services, Technical Barriers to Trade (TBT), Sanitary and Phytosanitary (SPS) measures, Dispute Settlement, Movement of Natural Persons, Telecom, Customs Procedures, Pharmaceutical products, Government

Procurement, IPR, Investment, Digital Trade and Cooperation in other Areas.

CEPA between India and the UAE covers almost all the tariff lines dealt in by India (11,908 tariff lines) and the UAE (7581 tariff lines) respectively. India will benefit from preferential market access provided by the UAE on over 97 % of its tariff lines which account for 99% of Indian exports to the UAE in value terms, especially for all labour-intensive

sectors such as Gems and Jewellery, Textiles, leather, footwear, sports goods, plastics, furniture, agricultural and wood products, engineering products, medical devices, and Automobiles. India will also be offering preferential access to the UAE on over 90% of its tariff lines, including lines of export interest to the UAE.

[Source - <https://pib.gov.in/PressReleaseIframePage.aspx?PRID=1810279>]

Signing of the Economic Cooperation and Trade Agreement (ECTA) between India and Australia



The Minister of Commerce and Industry, Minister of Consumer Affairs, Food and Public Distribution, and Minister of Textiles, Government of India, Shri. Piyush Goyal, and Minister for Trade, Tourism and Investment, Government of Australia, Shri. Dan Tehan, MP, signed the India-Australia Economic Cooperation and Trade Agreement on 02nd April 2022 in a Virtual ceremony in presence of the Prime Minister of India, Shri. Narendra Modi and Prime Minister of Australia, Shri. Scott Morrison.

The India-Australia ECTA is the first trade agreement of India with a developed country after more than a decade. The Agreement encompasses cooperation across the entire gamut of bilateral economic and commercial relations between the two friendly countries, and covers areas like Trade in Goods, Rules of Origin, Trade in Services, Technical Barriers to Trade (TBT), Sanitary and Phytosanitary (SPS) measures, Dispute Settlement, Movement of Natural Persons, Telecom, Customs Procedures, Pharmaceutical products, and

Cooperation in other Areas. Eight subject specific side letters covering various aspects of bilateral economic cooperation were also concluded as part of the Agreement.

ECTA between India and Australia covers almost all the tariff lines dealt in by India and Australia respectively. India will benefit from preferential market access provided by Australia on 100% of its tariff lines. This includes all the labour-intensive sectors of export interest to India such as Gems and Jewellery, Textiles, leather, footwear, furniture, food, and agricultural products, engineering products, medical devices, and Automobiles. On the other hand, India will be offering preferential access to Australia on over 70% of its tariff lines, including lines of export interest to Australia which are primarily raw materials and intermediaries such as coal, mineral ores and wines etc.

[Source - <https://pib.gov.in/PressReleasePage.aspx?PRID=1812730>]

17 Preliminary Project Proposals received from State Govts. for PM MITRA Scheme are under scrutiny

The Government has approved setting up of 7 (Seven) PM Mega Integrated Textile Region and Apparel (PM MITRA) Parks in Greenfield/Brownfield sites to develop world class infrastructure including plug and play facility with an outlay of Rs.4445 Crore for a period of seven years upto 2027-28. All State Governments were requested to send proposal along with Preliminary

Project Report to the Ministry for consideration. The last date for submission of proposals was 15th March 2022.

A total of 17 Preliminary Project Proposals have been received from State Governments. The proposals are under scrutiny for consideration by Project Approval Committee. The details of the proposals received in the Ministry are as under: -

S. No.	Name of the State	No. of proposals (proposed site)
1	Karnataka	2(Two) - (i) Vijayapura, (ii) Gulberga
2	Andhra Pradesh	Kadapa
3	Rajasthan	Jodhpur
4	Odisha	Ganjam
5	Gujarat	Navsari
6	Madhya Pradesh	4(Four) (i) Ratlam, (ii) Devas, (iii) Dhar & (iv) Katni
7	Telangana	Warangal
8	Punjab	Ludhiana
9	Chhattisgarh	Mahasamud
10	Uttar Pradesh	Lucknow/Hardoi
11	Bihar	West Champaran
12	Tamil Nadu	Virudhnagar
13	Maharashtra	Amravati

The parameters devised for selection of sites for PM MITRA Parks are: -

S. No.	Parameters	Weightage (in %)
1	Connectivity to the site	25%
2	Existing Ecosystem for Textiles	25%
3	Availability of Utilities Services at Site	20%
4	State Industrial/ Textile Policy	20%
5	Environment & Social Impact	10%

The Scheme focuses on development of a large area which is envisaged to become a fertile ground for carrying out textile sector business activities by all the players of entire textile value chain. It is expected to generate 1 lakh direct and 2 lakh indirect jobs per PM MITRA Parks benefiting the area and its citizenry where it is located. There is also a provision for social infrastructure. This will ultimately enhance the overall income and uplift the quality of life of all textile workers associated with the PM MITRA Park. This information was given by the Minister of state for Textiles Smt. Darshana Jardosh in a written reply in the Lok Sabha.

[Source - <https://pib.gov.in/PressReleasePage.aspx?PRID=1808764>]



ITTA SIGNED MOU WITH INTERNATIONAL FINANCE CORPORATION (IFC)

International Finance Corporation (IFC), a member of The World Bank Group is the largest global development institution focused on the private sector in developing countries. They help countries develop their private sectors in a variety of ways: Investing in companies, Mobilizing capital and Advising businesses and governments. Benefits of the MOU are: - PPE global advisory market-level work in India aims at creating and disseminating knowledge and includes activities that will focus on-

1. Increasing knowledge of national labs in India
2. Improving the understanding of key stakeholders on voluntary standards for non-medical masks
3. Increasing global knowledge on PPE topics through webinars and publications.

MEDITECH - Plastic-Free Baby Wipes, Washable Diaper Pad, Anti-microbial Nonwovens

100% Biodegradable and Plastic-Free Baby Wipes



WaterWipes based in USA has launched its new 100% biodegradable and plastic-free wipes, making WaterWipes the first major U.S. baby brand to change all their wipes to be 100% biodegradable, plant-based, plastic-free and compostable.

WaterWipes baby wipes will continue to be made with just two ingredients, 99.9% purified water and a drop of fruit extract. The new launch means parents and healthcare professionals no longer need to compromise between cleansing and helping protect their baby's skin and choosing the better option for the environment.

Baby wipes are often made with or from plastic materials such as PET, polypropylene, or cotton woven together with plastic resin, and 8 million metric tons of plastic waste enter the ocean each year. WaterWipes biodegradable and plastic-free

wipes are USDA Certified Biobased made with viscose, are 100% compostable and take only four weeks to biodegrade. Like cotton and linen, viscose is highly absorbent, soft and strong for effective cleaning, but gentle enough for even the most delicate skin.

The new biodegradable and plastic-free wipes have undergone rigorous testing which included product quality, safety, biodegradability and compostability testing to ensure only the highest standard of product.

[Source - https://www.nonwovens-industry.com/contents/view_breaking-news/2022-03-23/waterwipes-offers-100-biodegradable-and-plastic-free-baby-wipes/15325/]

Sustainable And High-Performance Absorbent Washable Diaper Pad



Kelheim Fibres, Germany has partnered with Sumo diaper to develop a high-performance absorbent pad that uses no fossil materials. The pad is part of a reusable diaper system developed and marketed by Sumo. The entire system developed is made of sustainable materials while offering high performance and innovative design.

The pad is made with the Needle-punch/ Thermal bonded nonwovens with a blend of specialty viscose and PLA bicomponent fibers, chosen to ensure the product's washability. PLA stands for polylactic acid made from natural and renewable raw materials. By combining nonwovens, usually found mainly in the

single-use sector, with reusable products, Sumo and Kelheim Fibres have chosen a completely new approach for developing reusable diapers.

Inside the pad, the Speciality fibers from Kelheim offer special properties: In the distribution layer (ADL), the trilobal cross-section of the Galaxy® fiber forms capillary channels that enable efficient and optimized liquid distribution and thus optimum use of the capacity of the absorbent core, offering the lowest rewet values.

In the absorbent core, the segmented hollow fiber Bramante store liquid not only between but also inside the fibre. The liquid remains there even when

pressure is applied to the construction, providing excellent rewet values. Bramante can absorb up to 260% of its own weight in liquid.

The innovative nonwoven construction with the Speciality fibers from Kelheim performs significantly better in tests in terms of air permeability, liquid absorption and rewetting than commercially available solutions made of synthetic fibres or cotton in knitted structures.

[Source - <https://www.textileworld.com/textile-world/knitting-apparel/2022/03/sumo-kelheim-fibres-develop-sustainable-and-high-performance-absorbent-washable-diaper-pad/>]

Anti-Microbial Nonwoven for PPE Applications

Paravir Limited, a U.K.-based company, announced the successful development and launch of its new innovative technology for production of fabric with astonishing anti-microbial properties. This represents a world class solution to a global problem with low manufacturing cost. The fabric is a nonwoven material of the type commonly used in face masks and other personal protective equipment (PPE).

Paravir has developed the technology to manufacture a novel, IP-protected, composite material using readily available dry powders impregnated into off-the-shelf, nonwoven material. The technology goes well beyond any previous attempts to make anti-microbial fabric because it does not use a wet process for manufacture and thus can integrate much higher levels of anti-microbial agents. They believe its manufacturing process can

produce as much as 500 meters of anti-microbial fabric per minute.

Paravir process uses impregnation of a dry non-metallic powder which is safe, readily available and low COGS. The resulting material is non-harmful to humans, animals, marine and plant life; Recent testing at UK laboratories has confirmed that this fabric can eliminate >99.99% of all microbial activity in under 20 minutes, eliminating harmful bio-burden. Most conventional materials do not have anti-microbial properties, so live, active pathogens can survive in the fabric even after disposal.

[Source - <https://textilevaluechain.in/news-insights/anti-microbial-non-woven-for-ppe-applications/>]

RAW MATERIAL - Metal & Halogen free Acid Dyes

Metal-free and Halogen-free black color acid dyes for sportswear

Archroma, a leader in specialty chemicals towards sustainable solutions, announced the addition of two new metal-free and halogen-free acid dyes in its Nylosan® S range. Dark shades represent approximately 80% of the outdoor and sportswear textile market, which is also under pressure to offer more sustainable articles. In this context, the new Nylosan® Navy S-3R and Black S-3N, especially developed by Archroma for polyamides and blends,

meet following long-standing market demands for blacks and navies.

1. Nylosan® S range offers metal-free and halogen-free alternatives to dyestuff generally used to dye polyamide and nylon and which usually contain metals.
2. Nylosan® S range now comprises a wide gamut of colors, with these new dyes targeting the color matching and fastness specifications of the iconic blacks and navies of major sportswear brands. In order to support this color matching process, Archroma makes available the colorimetric dye primaries for the mills in order to (re)match the color standards.
3. The new navy and black dyes display the same color constancy as the dyes used in many leading color standards, which means the navy and black colors created with Nylosan® S range will be non-metameric to the color standard under multiple

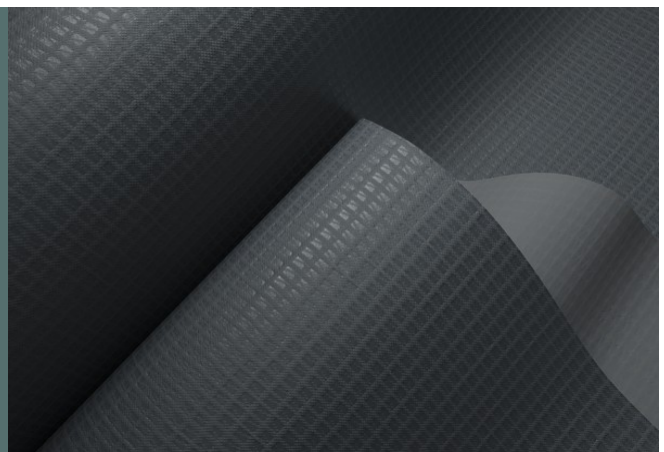
light sources, whether artificial or natural, indoor or outdoor.

Nylosan® S range are REACH registered, bluesign® approved and ZDHC level 3 compliant. As most sportswear manufacturers and brands know, creating durable dark colors on nylon is a complex process that uses massive amounts of water and energy. Archroma therefore designed the new CONSCIOUSLY DEEP system to allow a highly efficient scour dyeing process reduced from 6 to 2 baths. This results into reducing the process time by up to 36%, water consumption by up to 64%, energy by up to 46%, and CO2 emissions by up to 41% compared to conventional benchmark process.

[Source - <https://www.archroma.com/press/releases/archroma-launches-long-awaited-metal-free-and-halogen-free-nylosan-s-navy-and-black-colors-for-sportswear>]

SPORTECH - Sustainable alternative to PVC coated fabrics

Rivercyclon®, The Sustainable Alternative to PVC Coated fabrics



Netherlands-based Rivertex Technical fabrics Group has introduced Rivercyclon®, a non-toxic, heat-sealable, recyclable, lightweight and cost-effective alternative to PVC coated fabrics. It is made from a single polymer that contains no plasticisers or other toxins and can be fully recycled. Rivercyclon® is up to 40% lighter than PVC coated alternatives.

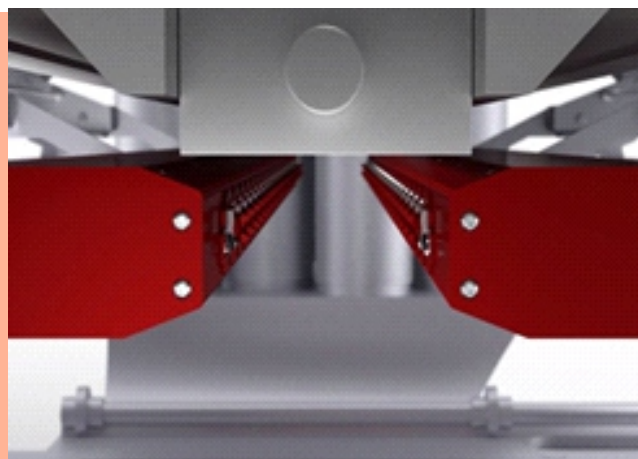
The versatility and low price of PVC coated fabrics have made them popular solutions for a wide range of applications. However, soft PVC coating includes harmful, toxic plasticisers which are released over the entire lifespan of the fabric. Then, at the end of its

life, PVC coated fabrics end up in incinerators or are dumped in landfill releasing more harmful substances into the environment.

Rivercyclon® offers high impact strength and good abrasion resistance, but also high tensile and tear strength. It has excellent bonding strength, superior chemical resistance and good UV properties. It is also available in widths up to 320 cm and competitively priced.

[Source - <https://www.rivertex.com/en/our-brands/rivercyclon>]

HycuTEC Hydro-Charging Solution sets new standards in terms of quality & efficiency



Oerlikon Nonwoven announced its new HycuTEC hydro-charging solution at this year's FILTECH in Cologne. This new technology for charging nonwovens enables the filter efficiency to be increased to more than 99.99%. As a result, it offers meltblown producers considerable material savings with simultaneously improved filtration.

The HycuTEC is the market's first industrially-manufactured hydro-charging solution that can also be seamlessly integrated into the production process. And the innovative technology is also easily retrofitted to existing systems as a plug & produce component - a first within the market.

HycuTEC hydro-charging can reduce the pressure loss in typical FFP2 filter media to less than a quarter. Even filtration efficiencies of more than 99.99% are easily achieved in typical filter media of 35 g/m² at 35 Pa. Tests at pilot customers manufacturing FFP2 face masks have confirmed quality increases due to the improved filtration with a simultaneous reduction in material usage of 30%. For end users, the consequence is noticeably improved comfort resulting from significantly reduced breathing resistance.

In addition to this, the hydro-charging unit also stands out in terms of sustainability: "The HycuTEC

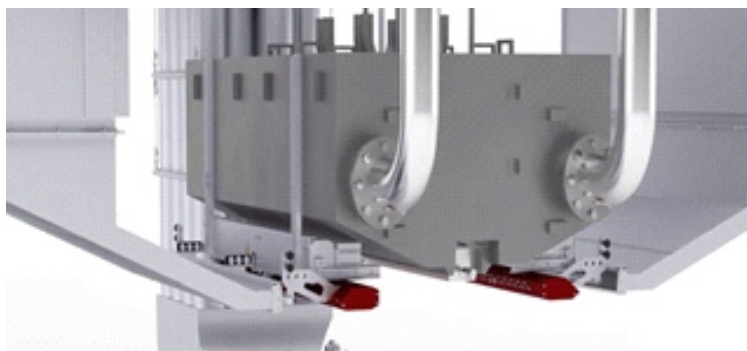
process excels as a future-proof technology due to its considerably lower water and energy consumption compared to other hydro-charging concepts. This unit allows an additional drying process to be dispensed with in many applications, which has a huge impact on energy consumption. Incidentally, the HycuTEC unit can be easily and quickly installed and is simple to operate, set and service, while also being extremely user-friendly.

Whereas classical hydro-charging processes charge the finished non-woven material, the HycuTEC

concept is based on the all-round charging of each filament. Through controlled atomization, a charge is evenly transferred to the fibers from the water spray. And a special additive is used to permanently

bond the charge to the surface of each fiber. The result: filter media with a uniformly stable charge over the entire cross-section and an effective fiber surface area about 10 times greater than that of surface-charged media.

[Source - <https://worldoftechnicaltextile.com/oerlikon-nonwoven-premiered-hycutec-hydro-charging-solution-at-filtech/>]



COMMUNICATION TO MEMBERS

During the last two months, we have emailed the following GOI Circulars/ Notifications and ITTA's Communications to our members. The list is given below with a Link to our website for future reference.

A. STATE & CENTRAL GOVT. CIRCULARS

1. Further Extension in date of filing of Application under the Production Linked Incentive (PLI) Scheme for Textiles by Ministry of Textiles (MoT), dated 14.02.2022.
(<http://ittaindia.org/?q=node/2155>)
2. Modifications in Revised Resolution on ATUFS by Ministry of Textiles (MoT), dated 15.02.2022.
(<http://ittaindia.org/?q=node/2170>)
3. CEPA between Government of India and Government of UAE-reg, dated 18.02.2022.
(<http://ittaindia.org/>)
4. Defence Export Lead - Supply of Goggles, Helmets, Jackets etc. by Ministry of Defence (MoD), dated 21.02.2022.
(<http://ittaindia.org/?q=node/2159>)
5. Production Linked Incentive (PLI) Scheme for Textiles- Forming of new companies & investment made by Ministry of Textiles (MoT), dated 22.02.2022.
(<http://ittaindia.org/?q=node/2160>)
6. Minutes of the 25th meeting of TAMC under ATUFS held on 22.02.2022 by Office of the Textile Commissioner (OTxC), dated 07.03.2022.
(<http://ittaindia.org/?q=node/2208>)
7. 17 Preliminary Project Proposals received from State Governments for PM MITRA Parks Scheme by Ministry of Textiles (MoT), dated 23.03.2022.
(<http://ittaindia.org/?q=node/2180>)

8. Minutes of the 26th meeting of TAMC under ATUFS held on 22.03.2022 by Office of the Textile Commissioner (OTxC), dated 24.03.2022.
(<http://ittaindia.org/?q=node/2209>)
9. Extension of Foreign Trade Policy (FTP) 2015-2020 and Handbook of Procedures (HBP) 2015-2020 by Directorate General of Foreign Trade (DGFT), dated 31.03.2022.
(<http://ittaindia.org/?q=focus-pdm>)

B. ITTA's COMMUNICATION TO MEMBERS

1. Urgent Feedback Required - To measure the pain points regarding "Time and Cost of Doing Business", Cir. No. 60/2021-22 dated 25.02.2022.
(<http://ittaindia.org/?q=node/2163>)
2. Export-Import Performance of Technical Textiles Products of December 2021. Cir. No. 61/2021-22 dated 03.03.2022.
3. Contact List of BIS Standard Promotion Officers all over India, Cir. No. 62/2021-22 dated 04.03.2022.
(<http://ittaindia.org/?q=node/2175>)
4. Request for Comments on - Doc TXD 38 (18867), (18868), (18872) and (18873), Cir. No. 63/2021-22 dated 04.03.2022.
(<http://ittaindia.org/?q=node/217>)
5. Export-Import Performance of Technical Textiles Products of January 2022, Cir. No. 65/2021-22 dated 17.03.2022.



HYOSUNG INDIA PVT. LTD., MAHARASHTRA

Hyosung Group is the largest spandex manufacturer with its spandex brand "Creora". They commenced project in Maharashtra, India under Make in India scheme in the name of Hyosung India and started its production on 1st Oct, 2019. They manufacture spandex yarn with a production capacity of 20000 MT/ year.

KAMAL HEALTHCARE PRODUCTS PVT. LTD., TAMILNADU

Kamal Healthcare has state of the art Italian machines i.e., Adult diaper m/c, Wet wipes m/c, 3ply face mask m/c, ETO sterilization m/c, Single needle sewing m/c and Hot air seam sealing m/c. They manufacture Adult diapers and Underpads with production capacity of 261 lakh pcs/ year. Recently started manufacturing the products such as Wet wipes, Facemask, PPE coveralls, Surgical Gowns & Drapes, Gowns, Surgeon caps & Show covers and Disposables Bedsheets. They are certified with ISO 9001:2015, ISO 13485:2016, ISO 16603 & CE Marking.

TANDHAN POLYPLAST PVT. LTD., WEST BENGAL

The Company has set up a plant to manufacture the cross laminated sheet/ tarpaulin/ film at Uluberia, Howrah. They have Kabra Blown Film m/c, Spiral Cutter, Lamination m/c, Rewinding m/c, Wrapping m/c, Loom (Shade net making m/c), Hemming m/c, Eyelet m/c, Welding m/c, Strapping m/c, Belpress m/c and Folding m/c. Product includes Ecopaulin (Multilayer Cross Laminated Tarpaulin), Ecoraksha gold (Multilayer Tarpaulin) - 750 ton, Ecogreen shade net (Green Shade Net), Tandhan ropes (PP Twine), Ecocovers (Vehicle covers, Fumigation covers, Dunnage sheets), Poncho, Vermibed, Pond liners, etc.

ADVERTISEMENT TARIFF FOR ITTA E-BULLETIN

For an ITTA Members, please tick (✓) against one of the following:

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For a Non-Member of ITTA, please tick (✓) against one of the following:

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Full page	Rs. 12500* <input type="checkbox"/>	Rs. 31250* <input type="checkbox"/>	Rs. 56250* <input type="checkbox"/>
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*GST as applicable

For more information contact:

314, 3rd Floor, MIDAS, Sahar Plaza,
Andheri-Kurla Road, J. B. Nagar,
Andheri-East, Mumbai 400059.
Mob: 9769464616 Email: info@ittaindia.org

Bank Details -

A/C. Name - INDIAN TECHNICAL TEXTILE ASSOCIATION
Bank Name - Bank of Baroda,
Chakala Branch, Mumbai - 400093.
Current Account No - 04220200000491
IFSC Code - BARB0CHAKAL

UPCOMING EVENTS

DATES	EVENTS NAME	PLACE	WEBSITE
04-06 March 2022	HOMTEX	Bangalore, India	https://www.homtex.in/bangalore/index.php
08-10 March 2022	FILTECH 2022 (The Filtration Event)	Cologne, Germany	https://filtech.de/
28-29 March 2022	SMART FABRICS SUMMIT	North Carolina, USA	https://ifaexpo.com/
28-31 March 2022	IDEA 2022	Florida, USA	https://www.ideashow.org/
29-31 March 2022	COMPOSITE-EXPO	Moscow, Russia	http://www.composite-expo.com/
29-31 March 2022	FiltXPO™ 2022	Florida, USA	https://www.filtxpo.com/
05-07 May 2022	YARNEX (India International Yarn Exhibition)	Mumbai, India	https://www.yarnex.in/
12-14 May 2022	GARTEX TEXPROCESS INDIA	Mumbai, India	https://www.gartexindia.com/about-the-show/
12-14 May 2022	MEDIAEXPO	Mumbai, India	https://media-expo-mumbai.in.messefrankfurt.com/mumbai/en.html
14-17 May 2022	TURKISH OCCUPATIONAL SAFETY + HEALTH EXHIBITION (TOSH EXPO)	Istanbul, Turkey	https://www.messe-duesseldorf.com
17-19 May 2022	TECHTEXTIL NORTH AMERICA	Atlanta, Georgia	https://techtextil-north-america.us.messefrankfurt.com/us/en.html
02-03 June 2022	5TH EDITION 'RIGHT' HYGIENE	New Delhi, India	https://www.bch.in/
02-05 June 2022	INDIA MATTRESSTECH EXPO + UPHOLSTERY SUPPLIES	Bengaluru, India	https://indiamattresstechexpo.com/
08-09 June 2022	INTERNATIONAL NONWOVENS SYMPOSIUM (Hybrid Event)	Lyon, France	https://www.edana.org/events/nonwovens-symposium/international-nonwovens-symposium
08-09 June 2022	MED-TECH INNOVATION EXPO	Birmingham, UK	https://www.itmexhibition.com/itm2022/
14-18 June 2022	INTERNATIONAL TEXTILE MACHINERY EXHIBITION (ITM) 2022	Istanbul	https://www.itmexhibition.com/itm2022/
17-18 June 2022	OSH INDIA SOUTH	Chennai, India	https://www.oshindia.com/south-india/
14-18 June 2022	HIGHTEX 2022 (International Technical Textiles and Nonwoven Trade Fair)	Turkey	https://www.hightexfairs.com/hightex2022/
21-24 June 2022	TECHTEXTIL 2022	Frankfurt, Germany	https://techtextil.messefrankfurt.com/frankfurt/en.html
28-29 June 2022	10TH FUTURE FABRICS VIRTUAL EXPO	London, UK	https://www.futurefabricsvirtualexpo.com/
21-23 July 2022	YARNEX (India International Yarn Exhibition)	Delhi, India	https://www.yarnex.in/

DATES	EVENTS NAME	PLACE	WEBSITE
04-06 August 2022	GARTEX TEXPROCESS INDIA	New Delhi, India	https://www.gartexindia.com/about-the-show/
04-06 August 2022	SPORTS INDIA 2022	Greater Noida, UP, India	https://iisgs.com/
14-17 August 2022	INTERTEXTILE SHANGHAI HOME TEXTILES (Autumn Edition)	Shanghai, China	https://intertextile-shanghai-hometextiles-autumn.hk.messefrankfurt.com/shanghai/en.html
26-28 August 2022	SPORTS EXPO INDIA 2022	Hyderabad, India	https://sportex.in/index.html
01-03 September 2022	MEDIAEXPO	New Delhi, India	https://media-expo-newdelhi.in.messefrankfurt.com/newdelhi/en.html
04-07 September 2022	7TH EUROPEAN GEOSYNTHETICS CONFERENCE	Warsaw, Poland	https://eurogeo7.org
September 2022	SAFETYEX	Mumbai, India	http://www.safetyex.in/
06-08 September 2022	CINTE TECHTEXTIL CHINA	Shanghai, China	https://cinte-techtextil-china.hk.messefrankfurt.com/shanghai/en.html
09-11 September 2022	11TH AGRI ASIA (Exhibition on Agriculture Technology)	Gujarat, India	https://www.agriasia.in/
14-15 September 2022	CONTAMINATION & GEOTECH EXPO	Birmingham, UK	https://www.contaminationexpo.com/
21-22 September 2022	INTERNATIONAL COMPOSITES SUMMIT (ICS)	London, UK	https://www.internationalcompositessummit.com
23-25 September 2022	8TH EDITION NONWOVEN TECH ASIA	Delhi, India	https://www.nonwoventechasia.com/
12 October 2022	IFAI EXPO 2022	North Carolina, USA	https://ifaexpo.com/
17-20 October 2022	CAMX 2022 (The Composites and Advanced Materials Expo)	California, US	https://www.thecamx.org/
08-09 November 2022	FILTREX	Berlin, Germany	https://www.edana.org/events/filtrex/filtrex-europe
14-17 November 2022	HYGIENIX 2022	Louisiana, USA	https://www.hygienix.org/
16-17 November 2022	FILTREX ASIA	Shanghai, China	https://www.edana.org/events/filtrex/filtrex-asia
20-24 November 2022	ITMA ASIA + CITME	Shanghai, China	https://www.itmaasia.com/
08-13 December 2022	INDIA ITME 2022 (11th India International Textile Machinery Exhibitions)	Greater Noida, UP, India	https://itme2022.india-itme.com
30-31 December 2022	INOS+H 2022	Mumbai, India	https://www.md-india.com/event/inosh-expo-239.html
02-03 February 2023	FILTREX INDIA	New Delhi, India	https://www.edana.org/events/filtrex/filtrex-india
18-21 April 2023	INDEX™23	Palexpo, Geneva	https://www.indexnonwovens.com/en/
24-27 October 2023	A+A 2023	Germany	https://www.aplusa-online.com/