6th International Conference on Technical Textiles and Nonwovens

6-8 December, 2018

IIT Delhi, New Delhi, India

ICTN 2018
06th-08th December
New Delhi, India

www.ictn.in

Overseas Partner

ITA Institut für Textiltechnik und Lehrstuhl für Textilmaschinenbau | RWTH AACHEN UNIVERSITY

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INDIAN TECHNICAL TEXTILE ASSOCIATION

Invitation

Technical Textiles provide new opportunities to the Global Textile Industry to have long term sustainable future. The research and development in last 20 years indicates one of the major opportunities in the global technical textile market, reaching to different application domains including vehicles, construction, agriculture, sports, health care, defense and security, electronics, power, environmental technologies and many more. The sector is identified as one of the most emerging and inventive industries of the world with an annual growth rate of 4% globally. Globally, the technical textiles contribute to about 27 percent of textile industry, in some of the western countries its share is even 50 percent while in India it is a meager 11 percent. In India, the sector has registered compounded annual rate of growth (CAGR) of 11% and the market size is reached to Rs. 1,58,540 crore in 2016-17 from the market size of Rs 70,151 crore in 2012-13. Despite of achieving high growth rate the per capita consumption of technical textiles in India is 1.7 per kg vis–a-vis 10-12 kg in developed countries. This sector is still import-intensive. In the last few years, the industry has witnessed a rise in imports - it stood at USD 1.4 Billion in Financial Year (FY) 2014-15 with a CAGR of 8% since FY 2007-08. Though the country currently spends a significant amount on imports, the dependence can eventually be reduced by further investing in technology-heavy products. The trend of the future is to do more, achieve something, something new in all arenas of research, innovation, market development and business.

Taking into account the scope and opportunity in the sector, **6th International Conference on Technical Textiles & Nonwovens (ICTN 2018)** aims at bringing leading entrepreneurs, researchers, academicians, experts, and students all over the world to share a common platform to present and share recent research investigations, technological advancements, and exchange ideas and global views on the future perspectives and development in the field. The conference will be organized by the Department of Textile Technology, Indian Institute of Technology Delhi, scheduled for **6-8 Dec 2018, at IIT Delhi**, New Delhi, India. Many supporting social events enriching the scientific and cultural program will be organized as well. **IIT Delhi**, established in 1961, is one of the premier technical engineering institutions in the country, with a vision to contribute to India and the world through excellence in scientific and technical education and research, to serve as a valuable resource for industry and society and to remain a source of pride for all Indians. The institute is located at center of the city, **Delhi**, a symbol of the country's rich past and thriving present, where ancient and modern blend seamlessly together. The city not only touches your pulse but even fastens it to a frenetic speed. So come and join us in the **ICTN 2018** to explore new research ideas and visions, and look out of the window and discover a whole new city of numerous stories and experiences, be it its heritage, art and crafts, diverse cuisine & culture.

About the Organizers

Department of Textile Technology, IIT Delhi has been actively involved in all areas of textile technology through teaching & research. The faculty members of the Department of Textile Technology, IIT Delhi have been working in the area of technical textiles, which resulted in several products, patents, student projects, and publications in many international journals. As many applications of technical textiles are inter disciplinary in nature, the textile faculty have been working with faculty either from other departments of IIT Delhi or from other institutions of international repute. Several important sponsored projects have been taken up with different funding agents in order to develop new products, test methods, enhance the data base & finally build a base for research and development in the following important areas of technical textiles such as Geotextiles & Geomembranes, Medical Textiles, Protective Textiles, Ropes, Textiles in Advanced Composites, Defence Textiles, Filtration & others.

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Conference Coordinators

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Topics

- Advanced Fibers and Polymers
- Protective Textiles
- Geotextiles & Geo-membranes
- Agro Textiles
- Medical Textiles
- Smart Textiles
- Electro Textiles
- Textile Reinforced Composites
- Military/Defence Textiles
- Textiles in Filtration
- Industrial Textiles
- Textiles in Buildings & Constructions
- High Performance Textiles
- Raw Materials/Sustainability
- Sport Textiles
- 3D and Spacer Textiles
- Coating and Lamination
- Value added Textiles through Chemical Processing
- Other areas relevant to Technical Textiles

Call for Papers

Papers are invited in the form of oral and poster presentations. All those desirous of participating and/or presenting a paper in the conference are requested to complete the online abstract submission. Authors are requested to send one-page abstract in the prescribed format on the website. Best posters will be awarded by the conference.

Abstracts for Oral and Poster presentations should be in Arial Narrow with in A4 format. The title should be in bold with font size of 14 followed by authors name(s) in the next line, and affiliation in the subsequent line(s) as central alignment. This should follow the Email ID of the presenting author. The presenting author should be underlined. The text should follow as single space with font size of 10. References should be placed at the bottom. References should not be cited in the text. The format may be obtained from website.

Poster Session

The poster session is proposed to highlight the activities in various areas of Textiles and Nonwovens. Best poster awards will be presented to students participating in the poster session. The poster display space of 3 ft (w) x 4 ft (h) will be available for the presenters. A committee comprising of eminent scientists will make its decision on the best posters.

Registration

Registration Fee for participation in Conference

	Early Bird (Before 30 Sept., 2018)		After 30 Sept., 2018	
Industry	INR 6,000	USD 400	INR 7,000	USD 425
Academic	INR 4,000	USD 300	INR 5,000	USD 325
Students	INR 2,500	USD 150	INR 3,000	USD 175
Accompanying Person	INR 4,000	USD 150	INR 4,000	USD 150

Registration Fee for participation in Workshop

	Indian Participants		Foreign Participants	
	Only Workshop	Workshop+Conf.	Only Workshop	Workshop+Conf.
Industry	INR 6,000	INR 10,000	USD 475	USD 700
Academic	INR 4,000	INR 7,000	USD 350	USD 500
Students	INR 25,00	INR 3,500	USD 250	USD 325

Sponsorship/Advertisement Opportunities

For opportunities, please contact secretariat@ictn.in

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Advertisement in Souvenir
A4 - Colour

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Front Cover Inside & Back Inner
INR 60,000 | USD 1,000

Full Page Inside
INR 60,000 | USD 1,000

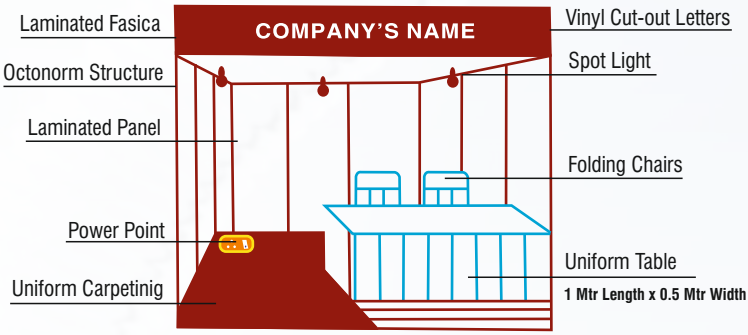
Half Page Inside
INR 30,000 | USD 500

Exhibition
Stall Size - 3X3 Sq. Mtr

Octonorm Stall
INR 50,000 | USD 800

Stall Includes:
Table/Counter - 1
Chair - 2
Spot Light - 3
Power Point (5/15 amp. Socket) - 1
Waste Paper Basket - 1
Company Fascia - Yes
Carpet - Yes

Stall Specification



Eminent Speakers

Prof. Gang Sun
Univ. of California,
Davis (USA)

Prof. Thomas Gries
Professor, ITA, RWTH
Aachen Univ. (Germany)

Dr. Nuruzzaman Noor
The Hong Kong
Polytechnic University(HK)

Prof. Ning Pan
Univ. of California,
Davis (USA)

Prof. Xiangwu Zhang
North Carolina State
University (USA)

Prof. Rudolf Hufenus
EMPA
(Switzerland)

Dr. Andrew Hewitt
Univ. of Huddersfield
(United Kingdom)

Submission of Abstracts	:	20 September 2018
Registration deadline	:	30 September 2018

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