

ABOUT ATSCG–2026

Advanced textile structural composites and geosynthetics are increasingly transforming modern engineering by enabling lightweight, high-strength, and sustainable solutions across aerospace, transportation, energy, infrastructure, and defence sectors. Owing to their superior performance, durability, and design flexibility, these materials are becoming essential for next-generation products and resilient infrastructure systems. In India, the composites sector is witnessing strong growth, driven by the *Make in India Initiative* and rising demand from renewable energy, transportation, infrastructure, and smart city projects.

This two-day international conference will bring together leading experts from Japan, Germany, USA, Czech Republic, and UK, along with technocrats from automotive, drone, railway, wind energy, marine, and construction sectors. Technical textile manufacturers, start-ups, researchers, faculty members, and students will engage in technical sessions and interactive brainstorming discussions to explore emerging technologies and new business opportunities. The conference is jointly organised by TIT&S Bhiwani and PHDCCI, with support from NTTM, Ministry of Textiles, Government of India.



ABOUT TIT&S BHIWANI

The Technological Institute of Textile & Sciences (TIT&S), Bhiwani

Established in 1943 under the visionary guidance of Padma Vibhushan Dr. Ghanshyam Das Birla and functioning under the aegis of the TIT&S society Bhiwani is one of India's premier institutes in textile and allied engineering education.

Since its inception, the institute has produced generations of textile technocrats, academicians, and entrepreneurs. TIT&S offers undergraduate programmes in Textile Technology, Textile Chemistry, Fashion & Apparel Engineering, Computer Engg., Electronics & Communication Engg., and Artificial Intelligence & Data Science, along with postgraduate programmes in Textile Engineering, Computer Engineering, and Management.

The textile curriculum is comprehensively designed, covering conventional processes such as spinning, weaving, knitting, nonwovens, and handlooms, as well as advanced areas including technical textiles, geotextiles, medical textiles, protective textiles, and textiles for defence, agriculture, and industrial applications.

Recognising the growing importance of advanced materials, the institute has established Centres of Excellence in Technical Textiles, Textile Coloration, and Textile Structural Composites. Recently, TIT&S received approval from AICTE and MD University to launch a postgraduate programme in Composite Science and Engineering—aimed at developing skilled engineers for the emerging lightweight and advanced materials industry.



Ministry of Textiles
National Technical
Textiles Mission



The Technological Institute of Textile & Sciences, Bhiwani

and

PHD Chamber of Commerce & Industry

jointly organising

International Conference on Advanced Textile Structural Composites & Geosynthetics (ATSCG–2026)

DATES

28th Feb – 01st Mar 2026

VENUE

TIT&S Bhiwani



TIT&S, Birla Colony, Bhiwani,
Haryana -127021

www.atscg26.com

www.titsbhiwani.ac.in

CONFERENCE THEMES

- Polymer, Fibre-Reinforced and Hybrid Composites
- Woven, Knitted, Braided and Multiaxial Composites
- Technical Textiles and Advanced Textile Applications
- Advanced Functional, Nano and High-Performance Composites
- Advanced Manufacturing, Processing and Rapid Prototyping
- Composite Design, Testing, Characterisation and Validation
- Failure, Damage, Fracture and Durability Behaviour
- Numerical Modelling, Simulation and Digital Twin Approaches
- Bio-Based, Sustainable and Recyclable Composites
- Geosynthetics for Infrastructure, Transportation & Environmental Applications
- Sustainable Materials, Recycling and Green Technologies in Composites and Geosynthetics

ABSTRACT SUBMISSION

Abstracts for Oral and Poster presentation must be submitted online at www.atscg26.com on or before **15 February 2026**.

PROCEEDINGS

Selected full-length papers will be peer-reviewed by the Technical Committee. Papers presented at the conference will be published in the conference proceedings, and selected papers will be considered for publication in reputed peer-reviewed journal.

ORGANISING COMMITTEE

Chief Patron

Sh. R. K. Dalmia – Chairman, TIT&S Bhiwani

Conference Chairs

Prof. B. K. Behera – Director, TIT&S Bhiwani

Sh. Ashok Malhotra – Mission Director, NTTM, Ministry of Textiles

Sh. Rakesh Sangrai – Director, PHDCCI

Advisory Committee

Prof. Robert Böhm, Leipzig University of Applied Sciences, Germany

Prof. G. V. Ramana, IIT Delhi

Prof. S. P. Singh, IIT Delhi

Prof. Naresh Datla, IIT Delhi

Prof. Rajesh Mishra, Czech University of Life Sciences, Prague, Czech Republic

doc. Ing. Michal Petrů, TUL, Czech Republic

Prof. Abdel-Fattah M. Seyam, NCSU, USA

Prof. Savvas G. Vassiliadis, University of West Attica, Greece

Organizing Committee

Dr. Ashvani Goyal, TIT&S Bhiwani

Dr. Amandeep Kaur, TIT&S Bhiwani

Dr. Jyoti Chaudhary, TIT&S Bhiwani

Dr. Mukesh Kumar, TIT&S Bhiwani

Dr. Amit Manocha, TIT&S Bhiwani

Dr. Monika Sharma, TIT&S Bhiwani

Dr. Amit Madhu, TIT&S Bhiwani

Mr. Parmod Kumar, TIT&S Bhiwani

Mr. Aishwarya Sharma, TIT&S Bhiwani

IMPORTANT DATES

Abstract Submission Deadline:
15th Feb 2026

Registration Deadline:
21st Feb 2026

REGISTRATION

Students (UG / PG / PhD)	₹ 500
Academic Delegates / Faculty	₹ 500
Industry Delegates	₹ 1000
International Delegates	₹ 1000

BEST POSTER AWARD

The three best poster presentations will be recognised with Best Poster Award.

CONTACT

Conveners

Dr Ajit Kumar Pattanayak
ajitpattanayak@titsbhiwani.ac.in
Mobile : 8059866153

Dr Nagender Singh
nagendersingh@titsbhiwani.ac.in
Mobile : 9990756684

Conference email: info@atscg26.com
Conference website: www.atscg26.com