

संरचना

2025

The Nonwoven Product Design Challenge

Threading Ideas Beyond Boundaries

A challenge to innovate with non-woven materials!



Powered by:

TBD
CAMPUS

Exhibition Partner :

11th EDITION
NONWOVEN TECH ASIA
EXCLUSIVE EXHIBITION ON
NONWOVEN & HYGIENE TECHNOLOGY

Event Objective

To encourage young innovators and creators from engineering and design colleges to develop practical, aesthetic, and sustainable products using non-woven textiles — ranging from daily-use items to out-of-the-box innovations.

Event Association

संरचना 2025 will be held inside the **Nonwoven Tech Asia Exhibition** — Asia's second-largest non-woven textile exhibition, taking place on



6th–7th–8th November 2025



Yashobhoomi, Delhi.

संरचना will be conducted on **7th November 2025** and will be powered by **TBD Campus**.

What is TBD Campus

TBD Campus is a digital placement platform that connects students, colleges, and recruiters through smart, skills-first hiring.

It helps students discover jobs that match their strengths, connect directly with top companies, and get career-ready through real assessments and guidance — all in one platform.

Event Categories

Participants can choose one of the four categories to compete in:

Non-Woven Apparel – For Men, Women, and Kids

Examples: casual wear, outerwear, functional fashion.

Non-Woven Travel Accessories –

Examples: backpacks, tote bags, duffle bags, organizers.

Medical Textiles –

Examples: scrubs, gowns, masks, protective gear.

Free Thinking Products –

Out-of-the-box innovations or experimental designs using non-woven material.

Judgment Parameters

Each product will be judged based on the following:

Comfort / Ease of Operations – usability, ergonomics, wearability

Aesthetics – design appeal, color coordination, presentation

Functionality – practicality, purpose fulfillment

Innovation – creativity, uniqueness, new use of non-woven materials

Participation Rules

Team Size: Minimum 1 member and maximum 5 members per team

Eligibility: Open to Engineering & Design college students

No Limit on Teams: There is no restriction on the number of teams that can participate from a single college.

Material Composition: Minimum 50% of the product components must be made of non-woven material

Pre-registration Mandatory: All teams must complete pre-registration by 4th November 2025. (Teams without pre-registration will not be eligible to participate.)

Additional Rules:

- A participant can take part in only one category.
- A participant cannot be a member of more than one team.
- Only those participants whose names were submitted in the official registration form will be allowed entry and participation in the competition. (Substitute or additional members will not be permitted.)
- All participants must carry a valid college identity card or government-issued ID for verification on the event day.

Prizes

1st Prize
₹51,000

2nd Prize
₹25,000

3rd Prize
₹11,000

(+ Certificates & Industry Recognition for all shortlisted teams)



Event Process Flow

Stage 1: Display & Jury Walk

Format: Exhibition-style display

- Each team sets up a **product display table**.
- The **walking jury** will visit each table, interact with the team, and evaluate the product on all 4 parameters.
- Teams should be ready with a **prototype/model, concept board, and brief verbal pitch** (max. 5 minutes).
- **Shortlisting:** Top teams from each category advance to Stage 2.

Stage 2: Final Presentation

Format: Formal presentation in front of a jury panel

- Shortlisted teams deliver a **7–10 minute presentation** (with PPT or demo).
- **Presentation must cover:**
 1. Problem Statement
 2. Product Concept
 3. Material Composition
 4. Design Process / Engineering Process
 5. Prototype Showcase
 6. Market Potential / Future Use

Followed by a **Q&A round (3–5 minutes)** with judges.

Deliverables for Teams

Each team should bring:

- Prototype / Product Model
- Material Specification Sheet
- Brief Report or Design Sheet (1–2 pages)
- Optional: PPT / Poster for Presentation Round

Judging Panel

- Textile & Design Experts
- Product Innovation Professionals
- Industry Representatives (Non-woven sector)
- Academicians (Engineering & Design Departments)

Event Goals

- Foster collaboration between **engineering and design minds**.
- Explore **new-age applications** of non-woven textiles.
- Promote **sustainability and creativity** in material design.
- Build a bridge between **academia and industry innovation**.



Got an idea? Build it. Show it. Win it.

This is your stage to innovate with Non-Wovens!

Register before

4th November 2025

Limited spots. Unlimited imagination.



Powered by:

TBDCAMPUS

For Participants



CLICK HERE

For Visitor



CLICK HERE

संरचना ²⁰²⁵
The Nonwoven Product Design Challenge



7th November 2025



Yashobhoomi, Delhi.