

Newsletter

August 2025



Glass Pulse

“Shaping the Future of the Construction and Design Industry”

Highlights

[About Glass Academy](#)

[Webinar Highlights](#)

[Glass Quiz](#)

[Skill Developments](#)

[MoU Moments](#)

[Focus Visits](#)

[Glass Quiz Answers](#)

[Contact Us](#)



Expanding Horizons with Every Session

At Glass Academy, learning never stops. In collaboration with Ethos Empowers, our knowledge initiatives are designed to keep you in sync with emerging materials, cutting-edge techniques, and sustainability-driven innovation. Whether you're designing the next landmark building or crafting thoughtful interior spaces, these resources are your gateway to smart and future-ready design.

Top News
Glass Experts
Talks
Interviews



LEVERAGING GLASS TO
TACKLE LARGE-SCALE DESIGN CHALLENGES

Date: 15th May 2025 | Thursday | 3pm

Register Today
www.glass-academy.com/webinars

Supported by:




Ar Akilan R
Founder, Le Arch
Chennai/Karaikal



HIGH-PERFORMANCE GLASS FACADES FOR
SAFE AND FUTURE-READY ARCHITECTURE

Date: 29th May 2025 | Thursday | 3pm

Register Today
www.glass-academy.com/webinars

Supported by:




Ar Rahul Kadam
Founder, The NGK Studio
Pune



Integration of Glass in Sustainable Facade Design
A GRIHA Perspective

7th August 2025 | Thursday | 3 PM IST



Mr. Ankit Bhalla
Technical Manager,
GRIHA Council - TERI,
New Delhi



Register Now
www.glass-academy.com/webinars/

Supported by:




Bridging Standards, Certifications and Design with Innovative Glass Solutions

24th July 2025 | Thursday | 3 PM IST



Mr. Sanjay Seth
Senior Director -
Sustainable Infrastructure Programme,
TERI Vice President & CEO, GRIHA Council



Dr. Shweta Manchanda
Professor,
University School of
Architecture and Planning (USAP)



Ms. Mili Majumdar
Managing Director,
GBCI India
Senior Vice President, USGBC

Register Now
www.glass-academy.com/webinars/

Glass Academy Webinars

Our webinars bring together leading voices from architecture, engineering, sustainability, and material science to explore glass in all its forms. From low-carbon and high-performance glass to fire safety, energy efficiency, façade design, and more—these conversations tackle real-world challenges and share practical insights.

This year, our sessions featured topics like:

- Designing for Climate Resilience
- Smart Glass Solutions for Green Certifications
- Glass in Himalayan Architecture
- The Aesthetics of Lacquered & Textured Glass
- ...and more.

Catch up on [past sessions](#) and register for [upcoming ones](#)



Glass Academy Blogs

Prefer reading to watching?

Our blog series dives deeper into project case studies, expert interviews, design strategies, and product innovations. Whether you're looking for technical clarity or creative inspiration, our blogs cover everything from glass performance metrics to on-site learnings from leading architects.

Read the latest blogs and stay inspired!



Quiz Time!

Put Your Glass Knowledge to the Test

Let's see how well you know your way around architectural glass, sustainability, and innovation. Answers are at the end of the newsletter—no peeking!

Which performance metric tells you how much solar heat passes through glass?

- ☐ U-value
- ☐ SHGC
- ☐ VLT
- ☐ R-value

Which type of glass is commonly used to enhance daylighting while controlling glare?

- ☐ Frosted Glass
- ☐ Smart Glass
- ☐ Reflective Glass
- ☐ Tinted Glass

Low-E (Low Emissivity) coating helps reduce:

- ☐ Noise
- ☐ Heat loss and gain
- ☐ UV fading only
- ☐ Condensation

Which of the following glass types is most commonly used in cold climates for insulation?

- ☐ Wired Glass
- ☐ Single Glazing
- ☐ Double Glazing Unit
- ☐ Mirror Glass

Which recent innovation in architectural glass is known for having one of the lowest embodied carbon footprints?

- ☐ Ultra-clear glass
- ☐ Solar control glass
- ☐ Low-carbon glass
- ☐ Toughened safety glass

How confident are you?

Flip to the end of this newsletter to check your score!



SKILL DEVELOPMENT PROGRAMS: **BUILDING THE FUTURE OF GLASS INNOVATION**

Glass Academy's skill development initiatives bridge the gap between theory and practice, empowering designers, architects, educators, and industry stakeholders to work confidently with glass in innovative ways.



FACULTY DEVELOPMENT PROGRAMMES (FDPS):

These intensive learning experiences go beyond the classroom, immersing faculty in the latest advancements in glass manufacturing, sustainability practices, fire safety, energy efficiency, and architectural applications. With expert-led masterclasses, real-world case studies, and guided factory visits, participants gain both technical expertise and design insight. The programs also open doors to valuable networking, collaboration opportunities, and certifications that enhance professional standing.



GLASS ACADEMY FDP (COIMBATORE) 8-9-10 AUGUST 2025

With each session, we're shaping the future of architectural education — one informed, inspired educator at a time! Get a sneak peek into our recent FDPs this year by far!

Glass Academy, in collaboration with **Ethos | Acedge** (Knowledge Partner), **Saint-Gobain** (Content Partner), **IIA Coimbatore Centre** (Synergy Partner), **IGBC** (Sustainability Partner), and **PSG Institute of Architecture and Planning** (Institutional Partner), organised an offline Faculty Development Program titled Sustainable Surfaces: Materials, Methods, and Meaning on **7-9 August 2025 in Coimbatore**. Focused on sustainable architecture and the application of glass in tropical Indian climates, the FDP covered material properties, applications, and compliance with energy and green building codes. Sessions by architects and façade experts were complemented by an immersive on-site day featuring factory visits, office interactions, and an under-construction project walkthrough.



Proud MoU Moments with Glass Academy!

Glass Academy continues its commitment to bridging academia and the glass industry through meaningful partnerships. In July 2025, we proudly signed two new Memorandums of Understanding in **Bengaluru**—on **29th July with BMS Institute of Technology**, and on **30th July with BMS School of Architecture**. These collaborations mark another step forward in fostering knowledge exchange, skill development, and innovation for the future of the glass industry.



Focus Visits With Glass Academy!

The Academia & Industry Collaboration Continues!

Exploring Skill-Building Opportunities - Visit to Pratham Foundation, Lucknow

On 18 July, Glass Academy, in collaboration with Gyproc Academy, visited the Pratham Multi Skill Training Center in Lucknow, Uttar Pradesh. This center empowers youth from underserved communities through vocational training in beauty, tailoring, automotive, and construction — fostering entrepreneurship and enabling sustained employment via post-placement support. We were joined by John Prem, P.S. Mani, Emmanuel Gurupnur, Rohit, and Pratham Foundation's senior team to explore partnerships with the glass processing industry. Together, we aim to strengthen skill-building initiatives and create impactful opportunities for the future.



Career Opportunities in Glass Processing - Seminar at Sankar Polytechnic College

Technical Seminar on Career Opportunities in Glass Processing Industry: Held on 5th August 2025, the Department of Mechanical Engineering, Sankar Polytechnic College, hosted industry experts Mr. P.S. Mani (Glass Academy) and Mr. Shankar Ganesh (FUSO Group) for a session on emerging trends, technological advancements, and quality standards in the glass industry. Students gained valuable insights into career opportunities and essential skills for success.

Afternoon Lab Visit & Curriculum Discussion: The guests visited the Center of Excellence laboratory and participated in discussions on implementing the elective subject Glass Processing Technology in the department. An interactive Q&A session with second-year students provided clarity on industry practices and career pathways.

MoU Implementation & Future Collaboration: In a meeting with Principal Dr. A. Sankara Subramanian, the guests discussed strategies for integrating industry-relevant content into the curriculum, enhancing hands-on training, and creating internship opportunities. This marked a key step in strengthening industry-academia collaboration.





BRIDGING SKILLS & INDUSTRY: GOVT. ITI AMBATTUR VISITS FUSO GLASS INDIA

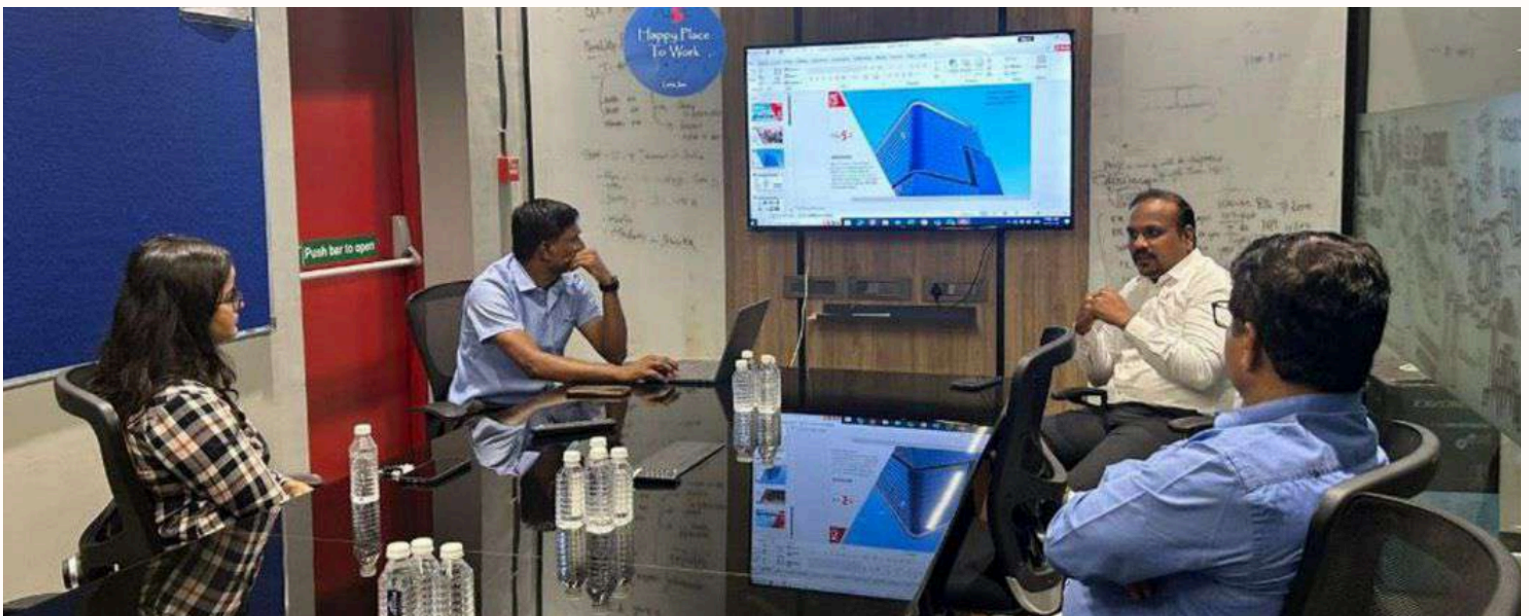
In July 2025, Glass Academy arranged an industry visit for **Government ITI, Ambattur**, led by Dr. Harini, to Fuso Glass India Pvt. Ltd. The delegation explored key manufacturing processes—tempering, lamination, DGU, and quality checks—guided by Plant HR Mr. Srinivasan and the Glass Academy team.

The visit covered skills for entry-level technicians, safety protocols, and shop floor etiquette, ending with warm hospitality. ITI Ambattur will now align their courses and shortlist candidates from the upcoming batch for glass industry roles.



Shaping Industry-Ready Talent Through Collaboration

Glass Academy, in collaboration with Gyproc Skill Academy, welcomed the Pratham Foundation team to Fuso Glass India Pvt. Ltd. on June 26th for an engaging industry visit. Thanks to Mr. Mahendran and the Fuso team for their warm hospitality, insightful presentations, and walkthrough of their advanced glass processing facility, offering valuable learnings on technology, manpower needs, and career opportunities in the glass industry.





"Insightful sessions,
every single time."

"Always something
new to take away."

Voices of Impact: Reflections from Our Audience!



"Relevant, engaging,
and easy to
understand."

"Glass simplified like
never before."

Glass Quiz - Answers Section

Here are the answers to the Glass Facts Challenge! How did you do?

- SHGC (Solar Heat Gain Coefficient)
- Reflective Glass
- Heat loss and gain
- DGU (Double Glazing Unit)
- Low-carbon glass

Stay Connected with Glass Academy!



Be a part of the evolving world of glass and glazing. Join our expert-led webinars, take part in engaging quizzes, and explore exciting opportunities through our knowledge and skill-building initiatives.



[LinkedIn](#)



[Instagram](#)



[YouTube](#)



<https://glass-academy.com/>



mani.ps@glass-academy.com