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EMERGE RENEWABLES MARKS A HISTORIC MILESTONE WITH FURNACE LIGHT-UP OF NORTH INDIA'S FIRST DEDICATED SOLAR GLASS MANUFACTURING PLANT

Emerge Renewables proudly celebrated successful furnace light-up of its state-of-the-art solar glass manufacturing facility at Keshwana Industrial Area, Kotputli-Behrur in Rajasthan. This landmark event marks, commissioning of North India's first dedicated solar glass manufacturing plant, reinforcing India's vision of self-reliance in renewable energy generation, strengthening domestic solar panel supply chain, reducing dependence on imports and contribute to nation's clean energy ambitions.

Backed by 22 years legacy of Alstone Group and 14 years of Emerge Glass, Emerge Renewables, combines decades of expertise in glass manufacturing with cutting-edge technology to deliver world-class solar glass solutions, that meet global quality standards.

With manufacturing capacity of 300 Tonnes Per Day (TPD), 2.5 GW Per Annum, the facility is designed to produce high-performance solar glass to support India's rapidly growing solar industry; in glass thickness ranging from 1.80 mm to 5.00 mm.

New facility of Emerge Renewables shall help growth of Solar Panel



manufacturers with improvement in their efficiency and profitability, due to reduced lead time, less inventory, fast communication and problem solving resulting in excellent customer service, due to close proximity of Emerge Glass to highest growing areas in Renewable energy, value chain in North India. The project is launched in record time with capacity expected to be sold out due to the deficit supply of solar glass in North India for module manufacturers.

The solar glass project will augment turnover and profitability of Emerge Group, sustainably. New state of the art, 300 MT per day Solar Glass manufacturing facility, is one more step towards creating, first truly diversified glass company in India, melting approx. 1000 MT per day of glass to produce 210 MT per day of Sheet Glass of 1 mm to 10 mm thickness, 210 MT per day of Flint Glass bottles, 240 MT per day of Colour Glass bottles.



At the workshop on strengthening Container Glass held on Sept 19 at Indian Institute of Technology DELHI, Calendar Glass Bottle 2027 was unveiled by the outgoing President Mr. Rajesh Khosla, Former Presidents and Office Bearers.

Emerge Glass, with aggressive growth strategy, have mapped a corporate geographical diversification at Ongal in Andhra Pradesh to address, growing demand in South India and have planned, moving up the value chain, by targeting cosmetic packaging.

Emerge Renewables Furnace Light-Up ceremony symbolizes more than the beginning of production as it represents start of a new chapter in India's renewable manufacturing journey. The occasion was attended by company leadership, industry partners, customers, associates, and distinguished guests who witnessed this significant milestone.

"The successful furnace light-up marks the beginning of a transformative journey for EmERGE Renewables. This project reflects our vision of building world-class manufacturing capabilities that support India's clean energy ambitions. By combining the manufacturing excellence of EmERGE Glass with the innovation-driven legacy of the Alstom Group, we are committed to delivering high-quality solar glass that strengthens India's renewable ecosystem and contributes to a more sustainable future." said Mr. Sumit Gupta, Managing Director - EmERGE Renewables.

SGD PHARMA REAFFIRMS COMMITMENT TO THE DEVELOPMENT OF VEMULA VILLAGE

Reaffirming its commitment to

inclusive and sustainable community development, SGD Pharma's Managing Director Mr. Deepak Sood visited Vemula village to engage with the local community and understand its key development priorities. The visit focused on strengthening basic amenities, supporting education, and creating opportunities for the socio-economic development of local youth.

During the visit, held at the invitation of village Sarpanch (Head) Mr. Vadla Ravi Raja Chari, Mr. Deepak Sood announced the construction of a dining hall at the Zilla Parishad High School, Vemula village, with an investment of ₹20 lakh. The facility will provide improved dining amenities for students and contribute to creating a more supportive school environment.

He also expressed his support for exploring assistance towards the reconstruction of local temples and announced that employment opportunities would be facilitated for eligible local youth, particularly those with ITI and Diploma qualifications, subject to relevant opportunities and requirements within SGD Pharma.

Reaffirming the company's commitment to rural development through its CSR initiatives, Mr. Deepak Sood emphasised that meaningful and sustainable progress is best achieved through the collective efforts of community representatives, local authorities, and residents.

The village leadership and community members expressed their appreciation to SGD Pharma for its continued commitment to the development and well-being of Vemula village.

NEW OFFICE BEARERS AND EXECUTIVE COMMITTEE MEMBERS ELECTED

In the Annual General Meeting of the AIGMF held at IIT Delhi on Sept 19, following Office Bearers were elected:

- *President*
Mr. Shreevar Kheruka, Borosil Ltd., Mumbai
- *Sr. Vice President*
Mr. Mukesh Kumar Bansal, Sri Sitaram Glass Works, Firozabad
- *Vice President*
Mr. Purvish Shah, Gopal Glass Works Ltd., Ahmedabad
- *Hon. General Secretary*
Mr. Pawan Kumar Shukla, Schott Glass India Pvt. Ltd., Bharuch
- *Hon. Treasurer*
Mr. Manish Bansal, G.M. Glass Works No. 2, Firozabad

Following were nominated from Zonal Associations to represent them on the Executive Committee of the AIGMF for the Year 2026-27:

Eastern India Glass Manufacturers' Association (EIGMA)

Mr. Aman Gupta – Iconic Glass, Guwahati

Northern India Glass Manufacturers' Association (NIGMA)

Mr. Shailendra Kumar Misra - HNG & Inds. Ltd., Bahadurgarh
Mr. Sumit Gupta- EmERGE Glass India Pvt. Ltd., Delhi

South India Glass Manufacturers' Association (SIGMA)

Mr. Varun Gupta, Triveni Pattern Glass Pvt. Ltd., Andhra Pradesh





Mr. Deepak Sood, SGD Pharma, Telangana, Andhra Pradesh

U.P. Glass Manufacturers' Syndicate (UPGMS)

Mr. Ritesh Mittal - Meera Glass Industries, Firozabad

Mr. Anurag Mittal - Geeta Glass Works, Firozabad

Mr. Anurag Gupta - Om Glass Works (P) Ltd, Firozabad

Mr. Devansh Gupta - Firozabad Glass Shell Industries, Firozabad

Mr. Parag Gupta - Advance Glass Works, Firozabad

Western India Glass Manufacturers' Association (WIGMA)

Mr. G.K. Sarda - Empire Ind. Ltd., Vitrum Glass, Mumbai

Mr. Ashok Jain - Borosil Ltd., Mumbai

Mr. Sanjay Jain - PGP Glass (P) Ltd., Mumbai

Mr. Gaurav P Rathod, Cello Industries Pvt. Ltd., Mumbai

Mr. Sanjeev Kapoor, Kapoor Glass India Pvt. Ltd., Mumbai

Mr. Pawan Bhardwaj - Reliance Industries Limited (Solar value chain), Jamnagar

The following were elected as **Co-opted Members** of the Executive Committee for the year 2026-27:

Mr. Sanjay Somany - Former President AIGMF

Mr. Pradeep Kumar Gupta - Om Glass Works Pvt. Ltd. Firozabad

Mr. PK Kheruka - Borosil Ltd., Mumbai

Mr. Mukul Somany - Former President AIGMF

Mr. SC Bansal - Adarsh Kanch Udyog, Firozabad

Mr. SK Jhunjhunwala - La Opala RG Ltd., Kolkata

Mr. Raj Kumar Mittal, Mittal Group of Glass Industries, Firozabad

Mr. Bharat Somany, Former President AIGMF

Mr. Sanjay Agarwal, Kwaliti Glass Works, Firozabad

Mr. Rajesh Khosla, AGI Greenpac, Hyderabad

FEVE LAUNCHES GLASS PACKAGING CAMPAIGN

FEVE, the European Container Glass Federation, initiated a platform to strengthen consumer preference for glass packaging.

FEVE and the wider European container glass industry have launched a European brand and engagement platform called 'Glass is Love'.

The platform has a new digital ecosystem and one shared identity across Austria, Belgium, Croatia, Czech Republic, France, Germany, Italy, Poland, Portugal, Slovakia, Spain, Switzerland, and the United Kingdom.

The aim of 'Glass is Love' is to champion glass as the choice that protects what consumers love.

FEVE describes the platform as the idea that "choosing glass is choosing care – care for what is inside, for the people who use and enjoy it, for the experience around the product, and for what should last."

Mr. Carlo Pirrone, FEVE Secretary General, said: "Glass is Love is built on the foundation of a simple but strong idea: when something matters to us, how we protect it matters too.

"We want choosing glass to become a natural expression of that care – for the product, for its quality, for the experience it creates and for what lasts.

"And this cannot be achieved by the glass industry alone.

"Glass is Love is an invitation to our customers, partners, employees and the wider value chain to participate, contribute and help build greater value around glass together."

As well as increasing preferences for glass packaging, the platform also aims to create opportunities for brands, customers and organisations across the wider value chain to contribute to the movement through their expertise, innovation, stories, and experiences.

DADACHANJI GROUP LAUNCHES KAISHA PHARMA WITH 45-MN EUROS INITIAL INVESTMENT

The Dadachanji Group, whose promoters built pharmaceutical glass-packaging company Schott Kaisha before exiting the venture in 2021, has launched Kaisha Pharma, marking its return to the segment with an initial investment of €45 million as it targets Indian and global pharmaceutical and biotechnology companies.

Kaisha Pharma will manufacture primary pharmaceutical packaging

products, including ampoules, vials, prefilled syringes and cartridges, along with ready-to-use (RTU) platforms for vials, syringes and cartridges.

The company is also developing specialty containment solutions for biologics, advanced therapeutics and sensitive drug formulations.

The new venture builds on the promoters' 35-year history in pharmaceutical glass packaging. It has been founded by the entrepreneurs who had earlier established one of India's largest tubular glass packaging companies, according to the group.

"Our vision is to create a truly global company that combines entrepreneurial agility, technical excellence, and an unwavering commitment to customer success," said Mr. Kairus Dadachanji, Managing Director of Kaisha Pharma.

The company is setting up a manufacturing complex spread over more than 300,000 square feet, equipped with integrated production lines, camera-based inspection systems, and analytical and testing laboratories.

The Dadachanji Group said *Kaisha would also draw on its other businesses*

to offer services spanning primary packaging, automation, machinery and fill-finish support systems.

Global markets will be a key focus for the new venture. Kaisha Pharma is setting up an international business development office in Europe, which will serve as a hub for customer engagement, technical collaboration and market development in the region.

The group said the €45-million deployment forms part of a larger multi-million-euro investment commitment towards expanding infrastructure, manufacturing capacity and operational capabilities.

ŞİŞECAM INVESTS IN INDIAN MAGNETRON SPUTTERING COATER

Şişecam will introduce a magnetron sputtering coater as part of its new coater facility in Halol, Gujarat, India.

The new facility will enable Şişecam to produce glass solutions tailored to the Indian market.

The flat glass market in India has witnessed expansion driven by the booming construction, automotive

and white goods sectors.

Energy-efficient glass solutions have gained prominence, aligning with India's green building norms and energy efficiencies targets.

Technologies such as magnetron sputtering coating have enhanced product performance, making India a key player in the global glass manufacturing landscape.

Key product features at the facility include:

- Energy-efficient and green rated glass – Designed to reduce energy consumption and adhere to international green building standards across India, Europe, and beyond.
- Enhanced performance and durability – Engineered to withstand diverse climatic conditions while durable coatings support wider applications with ease of handling and processability.
- Aesthetic and functional wellness – A fusion of design and functionality, ensuring superior aesthetics while promoting well-being in modern living spaces.
- Diverse colour options and expansive product basket – Providing architects and designers with a variety of choices for residential and commercial projects
- R&D backing – Leveraging Şişecam's 25 research laboratories worldwide, the products are developed to cater to the unique needs of Indian consumers.

Şişecam has invested in three new coater lines in Bulgaria, Italy, and Türkiye. India will be the company's fourth investment.



Welcomed Mr. S C Bansal (3rd from right), Former President AIGMF (2012-14) at the Glass promotion meeting on July 15 at the AIGMF Secretariat



GLASSMAKERS URGED TO ACT NOW TO PREPARE FOR THE FURNACE OF THE FUTURE

Manufacturers from across the flat and container glass sectors came together at Glass Futures' Global Centre of Excellence for a practical event focused on one question: what steps can glassmakers take today to improve furnace performance and prepare for the future?

Hosted by Air Products, a global leader in industrial gases and the world's largest hydrogen supplier, and Glass Futures, the event explored how manufacturers can maximise efficiency, reduce reliance on fossil fuels and strengthen resilience, while beginning to plan for longer-term technologies and regulatory change. Through demonstrations, discussions and hands-on sessions, attendees were able to see technologies in action, challenge ideas and share experiences with industry peers – and most importantly, consider what new technologies and fuels would work for their specific furnace needs.

The key message of the event was that manufacturers should act now and not wait for a single future solution. While technologies that work with alternative fuels, such as hydrogen, are expected to play an important role in the years ahead, there are opportunities available

today to improve furnace efficiency, optimise performance and better prepare operations for the future.

Combining Air Products' expertise in industrial gases and combustion technologies and decarbonisation solutions with Glass Futures' unique capability to test and scale innovative solutions in a real-world environment, the event was designed to help manufacturers understand which actions can deliver value now, and which technologies may shape the next generation of glassmaking.

Mr. Petr Tlamicha, Combustion Segment Manager Europe and Africa at Air Products said: *"Manufacturers want to cut carbon emissions and make their operations more efficient, but they also need confidence that changes will work in practice without compromising furnace performance, product quality or value for money. Every operation is different, which is why access to the right expertise and practical experience is so important. Events like this help manufacturers better understand their options, identify where the greatest opportunities lie and move forward."*

Mr. Aston Fuller, General Manager at Glass Futures reiterated: *"Innovation only matters if it works in practice. That's why Glass Futures exists to de-risk and support the adoption of new technologies, providing manufacturers with the opportunity to test ideas, see*

solutions in action and learn alongside industry experts. Together, they can make better-informed decisions, and we can support organisations to move forward with greater confidence in their furnace optimisation plans."

To find out more about Air Products, please visit <https://www.airproducts.co.uk/> and for Glass Futures please visit <https://www.glass-futures.org/>

SAINT-GOBAIN AND AGC TO BUILD WORLD'S LARGEST ELECTRIC FURNACE, CUTTING EMISSIONS 50%

Saint-Gobain and AGC Group are partnering to deploy what they describe as the world's first large-scale hybrid electric furnace for flat glass production, at Saint-Gobain's plant in Avilés, Spain. Construction is expected to begin in January 2027, with production resuming in the second half of 2027. The furnace is projected to avoid approximately 80,000 tonnes of CO₂ equivalent emissions annually, roughly a 50 percent reduction compared with a conventional gas furnace, while cutting natural gas consumption by about 265 gigawatt-hours per year, an 80 percent reduction relative to a standard gas furnace.

Flat glass manufacturing requires melting raw materials at extremely high temperatures, a process that has

historically relied almost entirely on burning natural gas, since achieving and sustaining the intense, consistent heat glass melting requires has been technically difficult to replicate through electric heating at the scale and reliability commercial glass production demands. That reliance on gas combustion has made glass manufacturing one of the more stubbornly hard-to-decarbonise industrial processes, comparable to steel and cement production, where the process heat requirement itself, not just the electricity used elsewhere in the facility, is the dominant source of emissions.

Achieving 75 percent electrification of the melting process represents a genuine technical breakthrough against that backdrop, since it means the majority of the intense heat required for glass melting will come from electricity rather than gas combustion, a significant departure from an industry where electrification has typically been limited to smaller, auxiliary applications rather than the core melting process itself.

The release cites two distinct percentage figures that describe different things: an approximately 50 percent reduction in CO₂ equivalent emissions, and an 80 percent reduction in natural gas consumption. That gap

between the two figures is informative rather than contradictory: it indicates the furnace will still rely on some gas combustion for the remaining 25 percent of the melting process not covered by electrification, and that even fully electrified processes carry some residual emissions depending on the carbon intensity of the electricity supply and other process-related emissions sources within glass manufacturing that electrification of the furnace alone does not eliminate.

That distinction is why Saint-Gobain specifically notes the furnace will be powered by low-carbon electricity secured through renewable energy supply agreements the company has separately contracted in Spain, since the emissions benefit of electrifying a furnace depends directly on how clean the electricity actually is; electrifying a furnace powered by a carbon-intensive grid would deliver a smaller emissions benefit than the same electrification paired with genuinely low-carbon power.

GLASS AND GLAZING SECTORS UNITE TO SUPPORT UK GOVERNMENT'S REINDUSTRIALISATION AMBITIONS

The UK glass and glazing sectors

have committed to working in partnership with Government to help turn its ambitions for reindustrialising Britain into investment, skilled jobs, stronger supply chains and sustainable economic growth.

At a Parliamentary Reception hosted by Lord Foster of Bath at the House of Lords, the UK Glass & Glazing Collective brought together industry leaders, parliamentarians and policymakers to explore the contribution the sectors can make to the UK's future growth and industrial renewal.

Reflecting the importance of the glass and glazing sectors to the Government's reindustrialisation agenda, Mr. Blair McDougall MP, Minister for Reindustrialisation, said in a statement:

"The UK has shaped the world's glass industry for centuries, from generations of skilled workers to breakthroughs like Pilkington's float glass process which changed how glass is made everywhere.

"I don't underestimate the challenges that you face; the rising costs of doing business, new policy costs including extended producer responsibility and global uncertainty. My officials are working closely with you and with colleagues across government to understand these pressures and, more



L-R: Mr. Brian Scott-Picton (Glass Sellers), Mr. Tim Simmons (GGF), Mr. Richard Katz (Glass Futures), Lord Foster of Bath, Mr. Chris Beedel (GGF), Mr. Matthew Demmon (Glass Sellers), Mr. Stuart Hakes (Society of Glass Technology), Mr. Nick Kirk (British Glass), Mr. Dave Fordham (Glass Futures) and Mr. Justin Kelly (Glass Futures).

importantly, to consider what can be done.

"I want all our foundation industries to survive, so it will be my pleasure to work with you openly and collaboratively on the priorities that matter to you."

The Minister also highlighted the Government's recent action on industrial energy costs. Eligible glass businesses already benefit from the British Industry Supercharger, with network charging compensation increasing from 60% to 90% from April, helping to reduce electricity bills for major glass producers and support their international competitiveness.

From next April, the British Industrial Competitiveness Scheme is expected to cut electricity costs for eligible firms by around £35 to £45 per megawatt hour used, providing further support for the sector's growth and resilience.

Mr. Justin Kelly, CEO of Glass Futures, emphasised the importance of a shared approach to reindustrialisation:

"Reindustrialisation will not be delivered by Government alone, nor by industry acting alone. It will require a shared mission, sustained over many years."

"Our offer is to invest, innovate, decarbonise, train the next generation and strengthen British supply chains – helping ensure more of what Britain needs is invented, developed and made here."

Mr. Chris Beedel, representing the Glass & Glazing Federation, focused on the role the sectors can play in improving the performance of Britain's homes and buildings:

"The Glass & Glazing Federation and the UK Glass & Glazing Collective stand ready to work with Government, Parliament and partners across industry to turn that opportunity into reality."

"Together, we can help families live in warmer, safer and more affordable homes, build a truly circular economy

and support British manufacturing."

Mr. Dean Butler, President of British Glass, highlighted the economic contribution of UK glass manufacturing, which operates 19 sites, directly employs around 6,000 highly skilled people and generates approximately £2.3 billion in turnover and £750 million in GVA:

"We welcome the Prime Minister's commitment to reindustrialisation and look forward to working with Government on this ambition. The UK must be the best place to invest in glass manufacturing."

The UK Glass & Glazing Collective brings together the British Glass Manufacturers' Confederation, Glass & Glazing Federation, Glass Futures, Society of Glass Technology and Worshipful Company of Glass Sellers of London. The five member organisations jointly organised the Parliamentary Reception, representing the breadth of the UK's glass and glazing sectors.

The Collective is seeking to work with Government on five practical priorities: enabling a competitive

buildings and retrofit; and reforming recycling legislation to maximise glass recovery and strengthen the circular economy.

The Collective will continue to engage with Government on these priorities as part of its commitment to supporting the UK's wider reindustrialisation objectives.

NATIONAL SKILL DEVELOPMENT WORKSHOP ON ENERGY EFFICIENCY AND QUALITY ASPECTS OF ARCHITECTURAL GLASS, PROFILES AND GLAZING SYSTEMS

The Bureau of Indian Standards (BIS), CSIR–Central Glass and Ceramic Research Institute (CSIR–CGCRI), and the Glazing Society of India (GSI), in association with the Federation of Safety Glass (FOSG), successfully organized the Two-Day National Skill Development Workshop on Energy Efficiency and Quality Aspects of Architectural Glass, Profiles, Sealants and Glazing Systems on July 23–24, 2026 at the CSIR–CGCRI, Kolkata.



transition to net zero; levelling the playing field on energy and investment; reforming Packaging Extended Producer Responsibility (pEPR) to support glass packaging; driving demand for UK-manufactured glazing and insulation through high-efficiency

Prof. (Dr.) Bikramjit Basu, Director, CSIR–CGCRI, welcomed the participants and inaugurated the workshop with his Welcome and Inaugural address. He emphasized the importance of innovation, standardization, and skill development

in advancing India's architectural glass and glazing industry and said that the workshop would provide complete insights and knowledge on the glass and glazing systems.

This was followed by an Overview of the Workshop by Mr. Antony John, Director, Schueco International R&D. GSI on behalf of the entire Architectural Glass and Glazing Industry honoured the Scientific Excellence of the nation, "Dr. K Annapurna, Chief Scientist, CSIR – CGCRI" for her contributions and support given to the Glass and Glazing Industry. Mr. G N Gohul Deepak, Executive Director, Glazing Society of India, delivered the Vote of Thanks.

A special plenary session by Mr. Mohit Garg, Member Secretary, CHD 10, Bureau of Indian Standards, highlighted the ongoing initiatives in the national standardization for architectural glass and presented on the list of standards developed by BIS for Architectural Glass in India.

Over the two days, participants attended a series of technical sessions delivered by eminent experts from CSIR–CGCRI, GSI and leading glass and glazing industry organizations. The sessions covered Heat Treated Glass by Dr. K Annapurna, Chief Scientist, CSIR–CGCRI; Energy-Efficient Coated Glass by Dr. Kashik Biswas and Dr. Anal Tafader Principal Scientist, CSIR–CGCRI; Specialty Glass by Mr. U Gopinath Manager- Sustainability Saint Gobain Pvt. Ltd.; Laminated Glass by Ms. Sheetal Khanna General Manager - Gold Plus Glass Industries; Insulated Glazing Units (IGUs) by Mr. Shailesh Ranjan Head – Business Asahi India Glass Ltd.; Structural Aspects of Architectural Glazing Systems by Mr. Antony John Technical Director, Schueco International R&D; Aluminium Profiles by Mr. Satish Kumar Chief Executive Officer,

Procural India; uPVC Profiles by Mr. Ayush Didwania Channel Partner – East Deceuninck India; Sealants for Glass and Glazing Systems by Mr. Ravishankar S Principal Scientist- Dow India; and Testing of Glazing Systems Mr. Abdul Samad General Manager- Winwall Façade Technology India. The presentations focused on the latest technologies, manufacturing processes, quality requirements, performance evaluation, and the application of relevant Indian Standards.

A major highlight of the workshop was the extensive Hands-on Training and Demonstration Sessions conducted at the Architectural Glass Research and Testing (AGRT) Facility of CSIR–CGCRI. Participants gained practical exposure to Glass Melting Processes, Float Glass Testing, Energy Performance Evaluation of Coated Glass, Processed Glass Testing, Sealant Application on Double Glazed Units (DGUs), Aluminium and uPVC Profile Systems, and Application and Quality Testing of Sealants. Experts from CSIR–CGCRI, Dow India, Procural India, Deceuninck India, and the Glazing Society of India demonstrated advanced testing equipment, laboratory procedures, and industry best practices, enabling

participants to connect theoretical concepts with practical applications.

The workshop also included a visit to the Refractory Laboratory at CSIR–CGCRI, providing participants with an opportunity to explore advanced research facilities and gain insights into specialized testing infrastructure and ongoing research activities.

The workshop was attended by 45+ professionals from the glass manufacturing, processing, façade and fenestration industries, quality assurance and quality control teams, builders, developers, consultants, researchers, and academia. The feedback from the participants was excellent.

HALDYN GLASS AND HORN STRENGTHEN THEIR PARTNERSHIP, ENGINEERING GROWTH AND DELIVERING EXCELLENCE

Building on the success of its existing two furnaces F3 and HHFG-I, Haldyn Glass Limited announced the expansion of another furnace F4 from 160 TPD to 215 TPD, further strengthening its long-standing partnership with HORN, a global leader in glass melting technology.

Backed by an investment of ₹170 crore



and scheduled for commissioning by June 2027, the expansion will increase production capacity by more than 34%, while enhancing operational efficiency, process reliability, lightweighting through 4 NNPB lines and manufacturing flexibility. In addition, the upgraded furnace is designed to support Haldyn's carbon reduction goals through improved energy efficiency and optimized melting performance, helping lower the plant's overall carbon footprint.

Designed to meet evolving market demands, the upgraded furnace will produce a diverse range of glass products, including amber, green, premium flint, and commercial flint glass, reinforcing Haldyn's commitment to innovation, excellence, and more sustainable glass manufacturing.

"This expansion is more than an increase in capacity—it is an investment in innovation, efficiency, and a lower-carbon future for glass manufacturing."

AIGMF AT THE WORLD SODA ASH CONFERENCE 2026

AIGMF supported the event as a Media Partner.

Mr. Purvish Shah, Vice President of AIGMF and Director in both Gopal Glass Works Ltd. and Gobind Glass and Industries Ltd. (which manufactures pattern and solar glass), gave a presentation on "Solar Glass Prospects in India and Its Impact on World Markets".

The World Soda Ash 2026 Conference, hosted by Chemical Market Analytics by OPIS, a Dow Jones company, recently concluded in Valencia, Spain, bringing together more than 250 delegates from across the global soda ash industry. Held

from September 29 to October 1, the conference centered on this year's theme, "Shifting Sands vs. Structural Reset: Finding the New Baseline," providing a forum for industry leaders to assess the forces reshaping the market and discuss strategies for navigating an increasingly dynamic operating environment.

Over the three-day program, discussions focused on the structural changes transforming the global soda ash market. Key topics included evolving demand dynamics, particularly the growing contribution of solar glass and energy storage applications; shifting global trade flows; and the implications of changing public policies and regulatory frameworks. The conference also emphasized the rapid expansion of global production capacity, focusing particularly on China's growing

influence across supply, investment, and downstream production, as well as the potential market impact of new investments emerging across Africa and the Middle East.

The conference featured a strong lineup of industry experts who offered perspectives on these developments and their implications for the soda ash value chain. Speakers included Mr. Yan Guohui, General Manager, Process & Digitalization Center, Shandong Haihua Group Co., Ltd.; Mr. Sameer Rupani, Global Chemicals Commercial Vice President, Şişecam; Mr. Rajesh Kamat, Chief Strategy and Projects Officer, Tata Chemicals; Mr. Purvish Shah, Director & Executive Director, Gopal Glass Works and Gobind Glass & Industries; and Mr. Mohamad Agung, Director of Development, PT Pupuk Kalimantan Timur.





Ananya Singh of Neerja Modi School Udaipur (India) proudly holds a calendar glass bottle 2026 as her consolation prize for participating in the annual youth contest- 'Glass in Consolation Institutions'.



Kapoor Glass India Pvt. Ltd., at CPHI Milan 2026, a global meeting point for the pharmaceutical industry that brings together the companies, technologies, innovators and decision-makers shaping the future of pharma. The event took place from October 6–8, 2026 at Fiera Milano, Italy, attracting over 62,000 pharmaceutical professionals and 2,400+ exhibiting companies.

सुप्रीम कोर्ट से ग्लास उद्योगों को बड़ी राहत।

सुप्रीम कोर्ट ने फिरोज़ाबाद के ग्लास उद्योगों के पुराने विस्तार से जुड़े वर्ष 2020 से लंबित आवेदनों का निस्तारण कर दिया है। न्यायालय ने उद्योगों के खिलाफ कोई प्रतिकूल आदेश पारित नहीं किया और न ही किसी प्रकार की कार्रवाई के निर्देश दिए हैं। इससे करीब छह वर्षों से चली आ रही कानूनी अनिश्चिता समाप्त हो गई है, जिसे फिरोज़ाबाद के ग्लास उद्योगों के लिए महत्वपूर्ण राहत माना जा रहा है।

- वर्ष 2020 से लंबित आवेदनों का निस्तारण
- उद्योगों के खिलाफ कोई प्रतिकूल आदेश नहीं
- भविष्य में विशेषज्ञ आधारित व्यवस्था के तहत लिए जाएंगे निर्णय
- उद्योग जगत में राहत की भावना

न्यायालय ने स्पष्ट किया है कि भविष्य में उद्योगों की स्थापना, विस्तार एवं स्थानांतरण से जुड़े मामलों पर पूर्व निर्धारित विशेषज्ञ आधारित व्यवस्था के तहत निर्णय लिया जाएगा।

जानकारों के अनुसार, इस फैसले के बाद उद्योगों में राहत की भावना है और इसे फिरोज़ाबाद के लाखों कारीगरों व श्रमिकों के लिए सकारात्मक संकेत माना जा रहा है। मामले में उद्योगों की ओर से वरिष्ठ अधिवक्ता अक्षय देव, अधिवक्ता विवेक

पाठक और अधिवक्ता श्वेता शर्मा ने पक्ष रखा। उनकी प्रभावी पैरवी के बाद यह महत्वपूर्ण राहत मिली है।

स्वच्छ वायु सर्वेक्षण में फिरोज़ाबाद को देश में दूसरा स्थान।

कांच नगरी फिरोज़ाबाद देश के सबसे प्रदूषित शहरों में शामिल रहे शहर ने वायु गुणवत्ता में सुधार की लंबी छलांग लगाई है। तीन से 10 लाख की आबादी वाले देश के 130 शहरों में दूसरा स्थान मिला है। केंद्र सरकार द्वारा नेशनल क्लीन एयर प्रोग्राम (एन-कैप) के तहत सूची जारी की गई है। इस उपलब्धि के लिए भारत सरकार के पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय द्वारा नई दिल्ली के गंगा आडिटोरियम में मेयर और नगर आयुक्त को सम्मानित किया गया।

केंद्र सरकार द्वारा शहरों को प्रदूषण मुक्त बनाने की दिशा में पहल की जा रही है। एन-कैप योजना से नगर निकायों को वायु प्रदूषण घटाने के लिए करोड़ों का बजट दिया जा रहा है। नगर निगम प्रशासन द्वारा अधिक प्रदूषण वाले क्षेत्रों (हाट-पाट) में वायु की गुणवत्ता में सुधार के लिए मुख्य मार्गों को विकसित करने के साथ पौधे रोपित कराए गए। सुरक्षा के लिए ट्री गार्ड भी लगाए। दो दर्जन से अधिक स्थानों पर मियावाकी पद्धति से घने जंगल उगाने का कार्य किया गया है। साथ ही हाईवे सहित मुख्य मार्गों पर मशीनों से सफाई कराई जा रही है। गर्मी के दिनों में दो वाटर स्प्रिंकलर मशीनों से पानी का छिड़काव कराया जाता है, जिससे धूल न उड़े। इसका असर दिखने लगा है।

(News Source: AIGMF Research Team / World Wide Web)



सुप्रीम कोर्ट में सुनवाई के बाद राहत मिलने पर वरिष्ठ अधिवक्ता अक्षय देव, अधिवक्ता विवेक पाठक और अधिवक्ता श्वेता शर्मा अन्य सदस्यों के साथ।

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Workshop on Strengthening Container Glass

(Sept 19, IIT DELHI)

Parallel to the AIGMF's AGM and Ex Com meeting, a workshop on strengthening Container Glass was organised in association with the Indian Institute of Technology on Sept 19 at IIT Delhi.

The event witnessed approx., 80 participants, including research scholars, glass manufacturers, industry bodies, and affiliate members.

After the display of the Touring Exhibition- 'Glass or Class' the Opening Remarks on IT and AI support was delivered by Prof. Jayant Jain, Dean-Corporate Relations, IIT Delhi.

This was followed by a talk on 'How to make India a Glass Hub' by Mr. Rajesh Khosla, AIGMF President and CEO of AGI Greenpac.

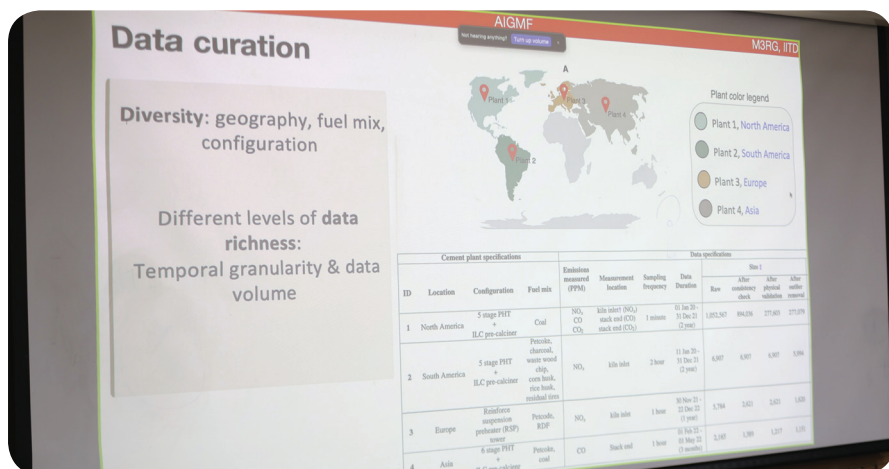
Prof. N M Anoop Krishnan, Department of Civil Engineering and Yardi School of AI (joint appointment), IIT Delhi gave a very interesting presentation on AI in Glass Strengthening.





For the promotion of sustainable packaging material glass, a PPT was given on Container Glass for Health and Environment by Mr. Tushar Bandyopadhyay Assistant Director, Indian Institute of Packaging, Delhi.

The main presentation on 'Innova-



tions in Container Glass Manufacturing' was given by Mr. Vincent Pang, General Manager, Bucher Emhart Glass, Singapore. This was followed by Discussions and Q&A led by Mr. Shreevar Kheruka (President Designate AIGMF and Managing Director





& CEO of Borosil Ltd.); Dr. K Anna-
purna (Former Chief Scientist, CSIR-
CGCRI and Member Editorial Board
of KANCH); Prof. N M Anoop Krish-
nan (Dept. of Civil Engineering and
Yardi School of AI-joint appointment,
IIT Delhi); Mr. Tushar Bandyopadhyay



(Assistant Director, Indian Institute of
Packaging, Delhi); and Mr. Sanjay So-
many (Former President AIGMF) ■

Select photos and presentations
are available under past events at
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Youth and Glass Industry Stalwarts Honoured at the Annual General Body Meet of the AIGMF

(Sept 19, IIT DELHI)

At the Annual General Meeting of The All India Glass Manufacturers' Federation (AIGMF), Youth and Industry Members were felicitated at the Indian Institute of Technology (IIT Delhi), on Sept 19, 2026.

A special session on container glass strengthening was also organised where Youth winners were honoured who participated from India-wide schools and colleges in the annual contest on 'Glass in Institutions' or संस्थानों में कांच coinciding with the International Youth Day on Aug 12. Online entries were invited from the age group between 7-24 years by means of essays, poems, drawings, paintings, photography, etc., where over 2000 entries were received from educational institutes from India and some foreign countries.

The Jury comprised of Mr. Gurmeet Singh, Chairman, Federation of Safety Glass (FOSG) and Managing Director, Gurind India (P) Ltd.; Mr. G N Gohul Deepak, Executive Director, Glazing Society of India (GSI); Mr. Dave Fordham, Member Editorial Board of KANCH (AIGMF's Glass journal), Former Publisher of Glass Worldwide magazine and Global Engagement Lead for Glass Futures (United Kingdom); and Mr. Vinit Kapur, Secretary of The All India Glass Manufacturers' Federation (AIGMF) who judged top 3 entries:

1st Prize (Rs. 25,000) was given to Ananya Bazad aged 14 years, 10th class student of Pathania Public



School, Rohtak HARYANA

2nd Prize (Rs. 15,000) was given to Deekshitha M S aged 23 years, 6th year Pharma D (Integrated) student of Annamalai University, Annamalai Nagar TAMIL NADU

3rd Prize (Rs. 10,000 each) were given to:

- Shreya Tahlan aged 17 years, 12th class student of Bal Bharti School, Bahadurgarh HARYANA



b) Shlok Gupta aged 14 years, 9th class student of PM Shri Kendriya Vidyalaya, Sattenapalli ANDHRA PRADESH

The annual 'CK Somany Award for Excellence' was given to Dr. K Annapurna, former Chief Scientist, Speciality Glass Division, CSIR-Central Glass & Ceramic Research Institute (CSIR-CGCRI), Kolkata and Member Editorial Board of KANCH.

The 'Balkrishna Gupta Award for Exports' was bestowed to M/s SGD Pharma India Pvt. Ltd.

The 3rd 'Lifetime Achievement Award' was given to Mr. Jagdish Sarin of Ceracon Engineers Pvt. Ltd., New Delhi. The previous winners are listed at www.aigmf.com

Dr. K. Annapurna who worked as Scientist G at Specialty Glass Division, CSIR-CGCRI since 1996 and since then has played a leading role in the Research and Development of specialty glasses, focusing on strategic applications and process technologies. As Principal Investigator or Co-Investigator, Dr. Annapurna has successfully handled around 23 research projects and has been pivotal in establishing an architectural research and testing facility, now recognized as testing center by BIS. The chalcogenide glasses developed were validated at IRDE, Dehradun as highly suitable for thermal imaging.





These Chalcogenide glasses have been used to fabricate thermal imaging cameras and field tested by BEL. Several industries like BEL, Stellar Optics, Analinear systems have shown interest in transfer of this technology.

"With profound thanks to the Jury Members, I am deeply honoured and humbled to receive the prestigious C. K. Somany Award for Excellence from the AIGMF. I consider this recognition not merely a personal achievement, but a tribute to the collective efforts of my colleagues, students, collaborators and the institution with which I have had the privilege of working. I accept this award

with great gratitude, humility and a deep sense of responsibility." said Dr. K Annapurna, recipient of CK Somany Award for Excellence.

M/s SGD Pharma India Pvt. Ltd. is a trusted global supplier of pharmaceutical glass packaging solutions, serving pharmaceutical customers across multiple international markets with a strong export presence and long-term partnerships with leading pharmaceutical companies across the globe.

"This award is a reflection of our team's commitment to excellence, our customers' trust, and our shared vision of taking Indian manufacturing excellence to the global stage. We remain dedicated to delivering high-quality pharmaceutical packaging solutions that support healthcare worldwide while contributing to India's export growth. We also acknowledge AIGMF's contribution to the glass industry through its tireless efforts, not only in bridging the gap between the industry and the authorities but also in working with academia to spread awareness on glass." said Mr. Deepak Sood, Managing Director, SGD Pharma India, on receiving the Balkrishna Gupta Award for Exports.

Mr. Jagdish Sarin is the founder and

President of Ceracon Engineers Pvt. Ltd., based in New Delhi. After graduating in Ceramic Engineering from Indian Institute of Technology, BHU in 1972, he worked with Refractory Manufacturing units and gained valuable experience on the factors affecting life of Refractories in Glass Melting Furnace. With the Liberalisation of Imports in 1991, he started M/s Ceracon Engineers to bring Global technology for the benefit of indigenous Glass Industry. He filled this gap by bringing in Foreign Technology for various areas of Glass making. To initiate manufacture of Lightweight bottles and Narrow Neck Press and Blow process, he introduced high quality Plunger Mechanisms. He has been an advocate for modernizing the glass manufacturing ecosystem in developing markets, encouraging the adoption of Narrow Neck Press and Blow (NNPB) light weighting techniques, higher furnace efficiencies, increased line speeds, and automated quality control, inspection equipment, energy saving systems, electric boosting systems, Furnace Design and Development and Turnkey Glass Plants etc.

Later, he expanded Ceracon's



3rd Prize received on behalf of Shlok Gupta from the outgoing President AIGMF



operations to cover glass plants across neighbouring and regional markets, including the Gulf region, West Asia, Africa, Pakistan, Sri Lanka, Saudi Arabia, Dubai, Oman, Kuwait, and Israel. With over five decades of experience in the glass industry, he has played a pivotal role in bridging international glassmaking technology with the Indian and regional markets.

"To receive the Lifetime Achievement Award from AIGMF is a privilege that words cannot fully capture. For over eight decades this institution has been nurtured by the true titans of our industry, and to receive recognition for a lifetime of work from such an august body is the greatest milestone of my professional life. For more than five decades my journey has been driven by a singular passion: to push

the boundaries of what is possible and elevate Indian glass manufacturing to global standards. None of this was walked alone, and I particularly thank Mr. Sanjay Somany for his invaluable guidance and mentorship over the years. We stand at the threshold of a new era driven by green energy, automation and sustainable manufacturing; glass is the material of the future and India is perfectly positioned to lead the global supply chain. To the next generation of engineers, innovators and entrepreneurs: do not fear change, embrace it, keep investing in modern technologies and never compromise on quality." said Mr. Jagdish Sarin, recipient of the Lifetime Achievement Award.

The jury for the awards comprised of Mr. Dave Fordham, Member Editorial Board of KANCH (AIGMF's

Glass journal), Former Publisher of Glass Worldwide magazine and Global Engagement Lead for Glass Futures (United Kingdom); Mr. Amit Malhotra, President of Confederation of Construction Products and Services, Treasurer of uPVC Window & Door Manufacturers Association and Managing Director of McCoy Silicones Ltd.; Mr. Pawan Kumar Shukla, Treasurer AIGMF and Managing Director, Schott Glass India Pvt. Ltd.; and Mr. Gurmeet Singh, Chairman, Federation of Safety Glass (FOSG) and Managing Director, Gurind India (P) Ltd.

The cash prizes for the winning students were sponsored by Schott Glass India Pvt. Ltd., producing Type I pharma tubing primarily meant for Glass Vials which were supplied worldwide for packaging the COVID vaccination; SCHOTT has more recently added syringe and cartridge glass tubing, reinforcing its commitment to the 'Make in India' initiative and positioning the company as Asia's largest producer of syringe and cartridge glass tubing. Top 200 entries were sent a specially designed Glass Mementos and the winning entries can be viewed at www.aigmf.com ■

Select photos are available under past events at www.aigmf.com





Membership of the Federation

Members of the Federation are classified into two categories; manufacturers of primary glass articles are enrolled as **Ordinary Members** of the Federation and suppliers to the glass industry viz., suppliers of machinery, raw materials, consultants and others connected with the glass industry are enrolled as **Affiliate Members**.

Foreign Companies supplying machinery etc., to the glass industry are also enrolled as **Affiliate Members**.

Membership forms can be downloaded from www.aigmf.com/membership.php

Members of the Federation are enrolled on the recommendation of Zonal Associations viz.:

- Eastern India Glass Manufacturers' Association (EIGMA)
- Northern India Glass Manufacturers' Association (NIGMA)
- South India Glass Manufacturers' Association (SIGMA)
- Uttar Pradesh Glass Manufacturers' Syndicate (UPGMS)
- Western India Glass Manufacturers' Association (WIGMA)

ADMISSION FEE ANNUAL SUBSCRIPTION

Ordinary Members:

- Admission fee ₹ 5,000/-
- Annual subscription: Single Unit: ₹ 40,000 + GST as applicable
- More than one Unit: ₹ 1,60,000 + GST as applicable
- Applicants for enrollment for a period of five years may pay an amount of ₹ 1,80,000 for a single Unit and ₹ 7,50,000 for more than one Unit + GST as applicable

Affiliate Members:

- Admission fee ₹ 5,000/-
- Annual subscription: ₹ 16,000 + GST as applicable
- Applicants for enrollment for a period of five years may pay an amount of ₹ 70,000 + GST as applicable

Affiliate Members from countries other than India:

- Admission fee US \$ 200
- Annual subscription: US \$ 500 + GST as applicable
- Applicants for enrollment for a period of five years may pay an amount of US \$ 1,800 + GST as applicable

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Company	Products / Services
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Youth Upbeat on use of 'Glass in Institutions'

More than 2000 students from schools and colleges across India and some foreign countries in the age group between 7-24 years participated by means of poems, drawings, photography, etc., in The All India Glass Manufacturers' Federation (AIGMF) Annual Youth contest on 'Glass in Institutions' or संस्थानों में कांच।

1st Prize (Rs. 25,000) was given to ANANYA BAZAD aged 14 Years, 10th class student of Pathania Public School, Rohtak HARYANA

2nd Prize (Rs. 15,000) was given to DEEKSHITHA MS aged 23 Years, 6th year student of Pharma (D) Integrated, Annamalai University, Annamalai Nagar TAMIL NADU

3rd Prize (Rs. 10,000 each) were given to:

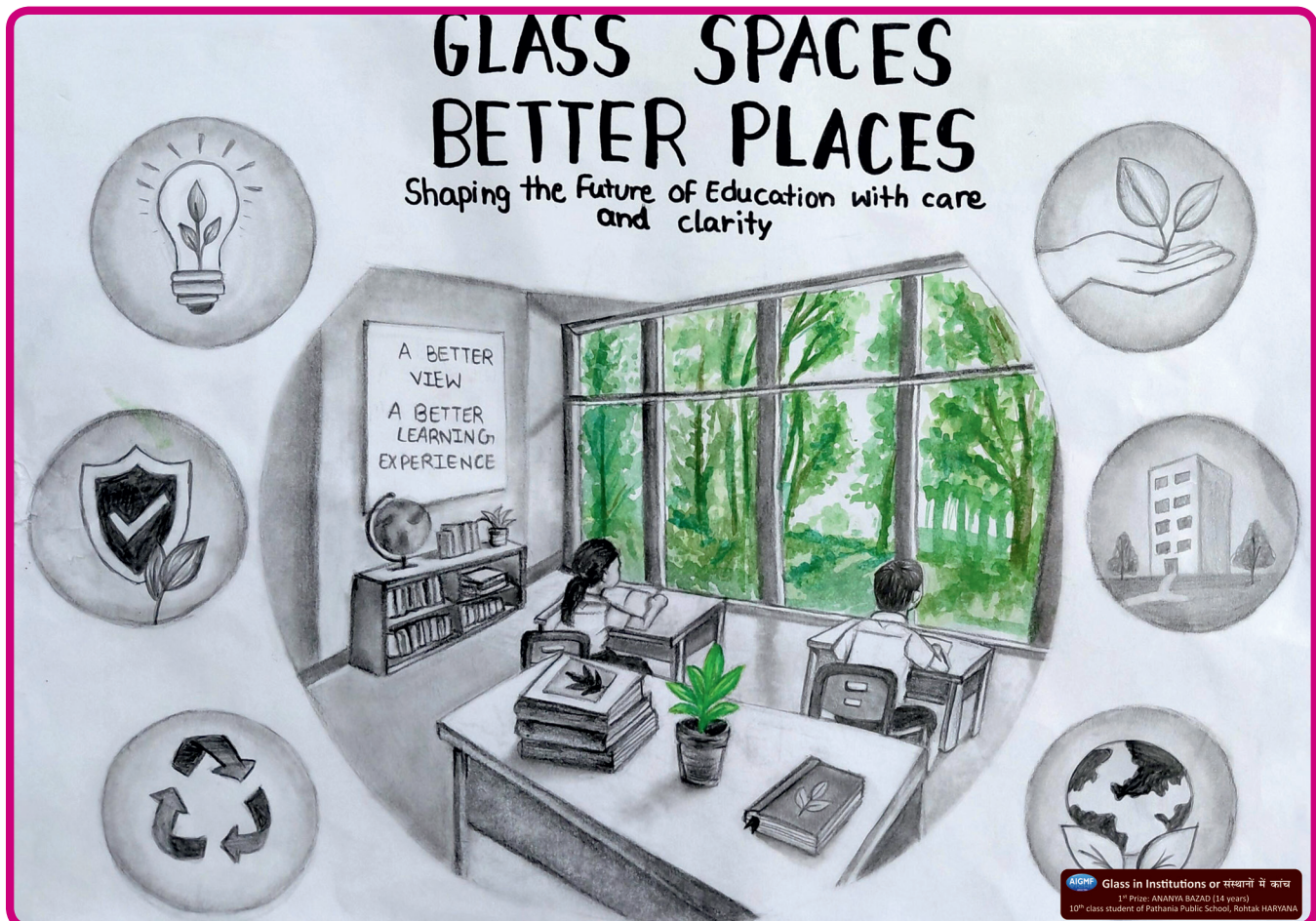
- SHREYA TAHLAN aged 17 years, 12th class student of Bal Bharti School, Bahadurgarh HARYANA
- SHLOK GUPTA aged 14 years, 9th class student of PM Shri Kendriya Vidyalaya, Sattenapalli ANDHRA PRADESH

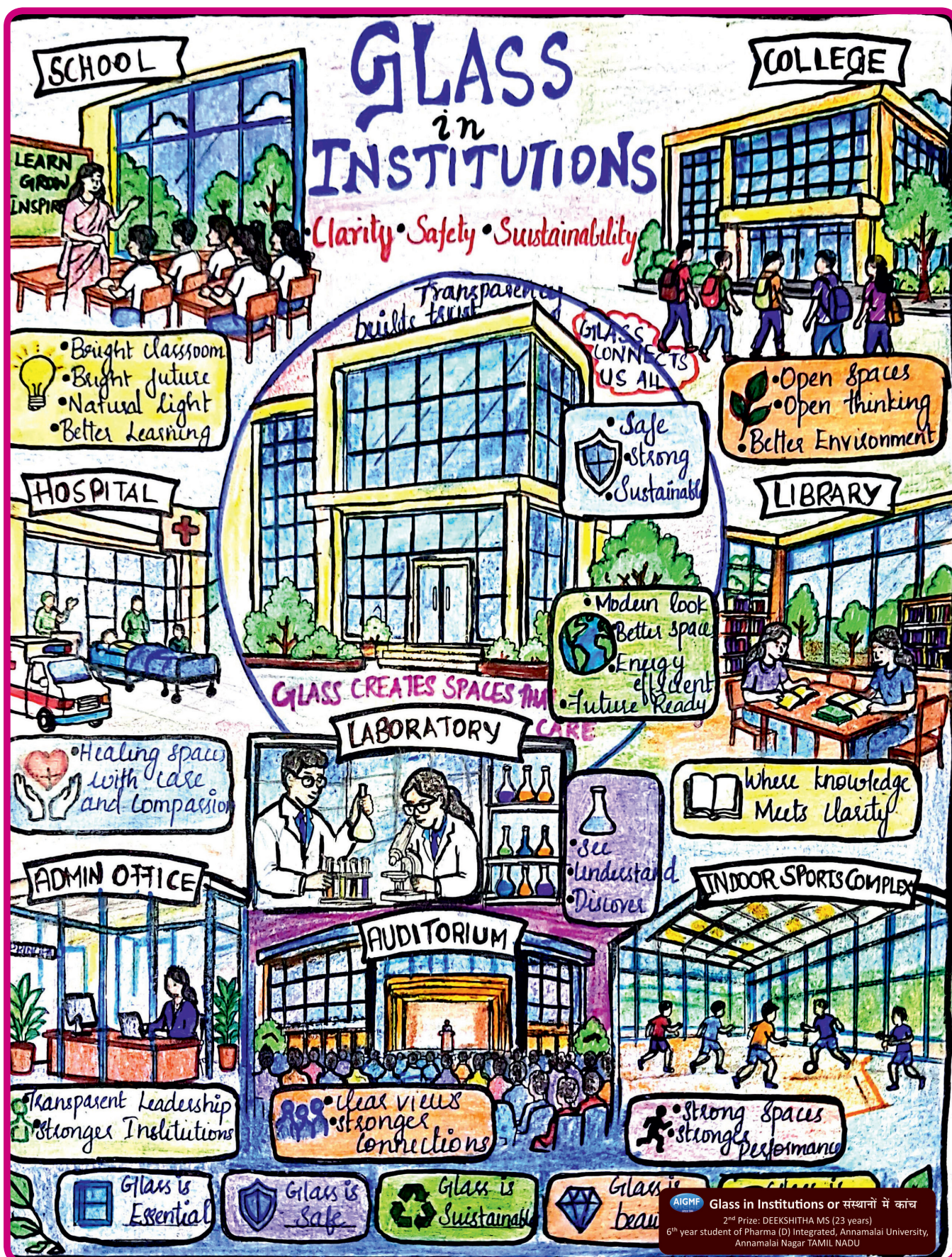
The Jury comprised of Mr. Gurmeet Singh, Chairman, Federation of Safety Glass (FOSG) and Managing Director, Gurind India (P) Ltd.; Mr. G N Gohul Deepak, Executive Director, Glazing Society of India (GSI); Mr. Dave Fordham, Member of the Editorial Board at KANCH, Global Engagement Lead at Glass Futures, St. Helens (UK) and former publisher of

Glass Worldwide, London (UK); and Mr. Vinit Kapur, Secretary of The All India Glass Manufacturers' Federation (AIGMF).

"Year on year, the competition has garnered greater traction, with entries received from multiple countries. The competition evolved as a sustainable initiative of AIGMF, one that inspires and encourages the youth of the Nation to understand and cherish the significance of Glass in their lives." said Mr. G N Gohul Deepak, Executive Director, Glazing Society of India (GSI).

"The quality and quantity of entries in the 'Glass in Institutions' competition was extremely impressive, demonstrating a heartwarming level of passion, creativity





and attention to detail from the younger generation. Sincere congratulations not only to the worthy winners, but to every

entrant who took part and is helping communicate the many qualities of Glass” said Mr. Dave Fordham,

Member of the Editorial Board at KANCH, Global Engagement Lead at Glass Futures, St. Helens (UK) and



of the German technology group SCHOTT AG. SCHOTT is one of the world's leading manufacturers of special glass tubing, FIOLAX® established and long-standing experience since 1911. Most recently, SCHOTT, a global pioneer in specialty glass announced the addition of syringe and cartridge glass tubing reinforcing SCHOTT's commitment to the 'Make in India' initiative. This strategic action positions the company as Asia's largest producer of syringe and cartridge glass tubing.

Mr. Pawan Kumar Shukla, Managing Director of Schott Glass India Pvt. Ltd., and Hon. Treasurer AIGMF congratulated the winning students and said that the brilliant ideas shared by the young minds will help to create more eco-friendly living societies ■

Top 200 entries will get specially designed Glass Mementos. Winning entries can also be viewed at www.aigmf.com

former publisher of Glass Worldwide, London (UK).

"Glass is an integral part of any institutional building which has been wonderfully showcased by the young participants who have made phenomenal efforts in order to make an excellent presentation which is highly appreciated. They were so well expressed that it became a challenge to rate them and select the winners. A pat on the back of all the talented and enthusiastic entrants. Well done! Keep it up". said Mr. Gurmeet Singh, Chairman, Federation of Safety Glass (FOSG) and Managing Director, Gurind India (P) Ltd.

"The nos. and quality of entries depict that the Youth has a large role to play in educating the general masses on the use of green building material 'Glass' for healthy living" said Secretary of The All India Glass Manufacturers' Federation (AIGMF) Mr. Vinit Kapur.

The cash prizes for the winners were sponsored by Schott Glass India Pvt. Ltd, a 100% subsidiary

कांच: विज्ञान की चमकती गाथा

(विषय: संस्थानों में कांच)

मिलाया जब सिलिका में रेत और चूना
बना एक पारदर्शी अद्भुत नमूना।
अन्दर का, बाहर का सब है दिखाता
प्यारा पदार्थ ये कांच है कहलाता।।
कहने को ठोस है पर अनिश्चित आकार
न किस्टल-सा जमा है न द्रव-सा व्यवहार।
अणुओं की बिना क्रम वाली सजावट,
फिर भी मजबूती की अद्भुत बनावट।। (१)

कांच पारदर्शिता का है उत्तम प्रतीक,
प्रकाश जाता आर-पार बिना कोई लीक।
अपवर्तन के नियम का पालन ये करता
स्नेल के नियमों पर जीवन भर रहता।।
फिजिक्स के मिस्ट्री या बायो की लैब हो
कंप्यूटर स्क्रीन हो मोबाइल या टैब हो।
सबको बनाता है अपना ये कांच
सबको बचाए ये, न आने दे आंच।। (२)

बीकर हो टेस्ट-ट्यूब, ब्यूरेट या पीपेट,
सबको बनाने में कांच ही है फेवरिट।
एसिड हो बेस हो सबको ये सहता,
सारे प्रयोगों का साथी ये बनता।।
विशेष तरह कांच है बोरोसिलिकेट,
सहता ये उच्चताप क्वालिटी सीकेट।
गर्म हो या ठंडे हो सबका सहे वार,
सारी प्रयोगशाला का कांच है आधार।। (३)

माइक्रोस्कोप की स्लाइड कांच से है बनती
वाच ग्लास कवर ग्लास की दुनिया है तनती।
सेल हो वायरस हो या बैक्टीरिया या टिशू,
कांच ही सहाय है जो बताये सबका इशू।।
कांच खिड़कियों से छनकर आता उजियारा,
लाइब्रेरी में पढ़ने का माहौल बने प्यारा।
प्रकाश-संश्लेषण-सा के जैसा हो यह काम,
जान के पौधे को मिलाता नया आयाम।। (४)

ऐनक पहनकर जो पढ़ता है विद्यार्थी,
कांच ही लेंस है जो बनता है साथी।
उत्तल-अवतल का करते उपयोग,
जीवन को समतल सा करने का योग।।
ऑप्टिकल फाइबर की क्रांति है आई
सूचना सम्प्रेषण की गति बहुत बढ़ाई।
इंटरनेट की डोर से पूरी दुनिया को बांधा है,
कांच को जो फाइबर है वो रिश्ते का धागा है।। (५)

सोलर के पैनल में भी कांच का है आवरण,
मदद करे मानव की ऊर्जा संरक्षण,
नव्यकरण ऊर्जा का यह सर्वोत्तम है साधन,
पर्यावरण रक्षा का सर्वोत्तम माध्यम।।
टूटे से दिल सा ये टूटा हुआ कांच,
फिर से जुड़ जायेगा न ओएंगी आंच।
थोड़ी सी गर्मी से पिघलाकर जोड़ो
नई नई रचना से रिश्ते तुम जोड़ो।। (६)

ऊर्जा बचाए, प्रदूषण घटाए ये कांच
ग्रीन पस्युचर की राह दिखाए ये कांच।
जीरो वेस्टेज का एक साधन है कांच,
बेहतर भविष्य का एक सपना है कांच।।
कांच की पारदर्शिता, उसकी दृढ़ता, और विज्ञान,
कांच में निवास करे विगुण महान।
बिल्डिंग की शोभा, विद्यालय की खिड़की और द्वार
कांच रहे इस दुनिया के विकास का संसार।।
आज हम सब मिलकर चलाते हैं अभियान
कांच का उपयोग करे बढ़ाये विज्ञान और प्रकृति का मान।
कांच-सा धवल उज्ज्वल हो मानव का विचार,
विकसित भारत की संकल्पना हो सम्यक साकार।। (७)

AIGMF Glass in Institutions or संस्थानों में कांच
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9th class student of P.D. Shri Karmaveer Vaidya, Sahasrabhumi ANDHRA PRADESH



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Roundtable on Solar & Pattern Glass

(July 27, CGCRI- Kolkata)

Parallel to the AIGMF Executive Committee Meeting, a roundtable on Solar and Pattern Glass was organised on July 27 at CGCRI Kolkata in collaboration with the Bureau of Indian Standards (BIS), Glazing Society of India (GSI) and Federation of Safety Glass (FOSG).

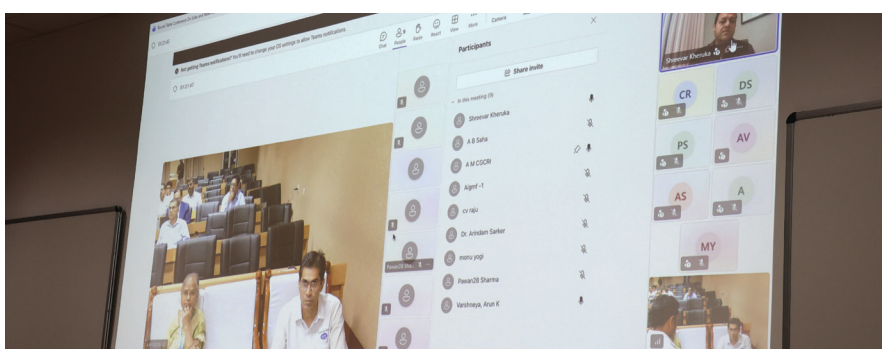
Many glass manufacturers, processors, suppliers, government officials, related associations, international participants, research bodies, and media attended the CGCRI event to discuss strengthening solar and patterned glass.

A keynote address was delivered on the overview of Solar Glass Manufacturing by Mr. Shreevar Kheruka, Sr. Vice President AIGMF and Managing Director & CEO of Borosil Ltd.

Mr. Mohit Garg from the Chemical Department, Bureau of Indian Standards (BIS) gave an overview of Indian Glass Standards - Textured and Extra Clear Textured Glass as per IS 5437:2024, and Safety Glass Part 3 Solar Applications as per IS 2553 (Part 3):2026.



Felicitating Dr. K Annapurna, Chief Scientist, Specially Glass Division CSIR-Central Glass & Ceramic Research Institute (CSIR-CGCRI), Kolkata and Member Editorial Board of KANCH on her retirement from CGCRI by AIGMF, Glazing Society of India and the BIS.





After the Q&A, Secretary AIGMF, Mr. Vinit Kapur spoke on the next steps and about the recently conducted workshop on Security Glasses on March 27; as well as the upcoming workshop on strengthening Container



Glass slated to be held on Sept 19 at IIT Delhi. He mentioned that these workshops will become a part of 16th AIGMF International conference on 'Developing an unbreakable Glass solutions' to be held parallel to the glasspex and glasspro INDIA exhibitions in 2027■



Mr. Varun Gupta, Ex-Com Member AIGMF and Director at Triveni Renewables Ltd., gave a presentation on strengthening solar glass: developing unbreakable solutions.

Mr. Purvish Shah, Hon. General Secretary AIGMF and Director

in Gopal Glass Works Ltd., made a presentation on Pattern Glass applications: Toughening, Colourful, and Sustainable Partitions.

Manufacturers sought CGCRI's help in moving forward in R&D facilities and need for the Testing.

Select photos and presentations are available under past events at www.aigmf.com



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T: +91 11 2331 6507 E: info@aigmf.com

Member Editorial Board:

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