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Bi-lingual

## BOOSTING TUBING MANUFACTURING – SCHOTT INVESTS IN FURTHER MELTING CAPACITIES FOR PHARMA GLASS IN INDIA

SCHOTT, a global leader in pharmaceutical glass manufacturing, is investing a total of 70 million euros in the expansion of its Indian tubing site in Jambusar, Gujarat, following

several million investments in the last years. "Against the backdrop of the growth trend in the Indian pharmaceutical business and the pandemic, we want to commit to secure the supply of pharma glass", explains Dr. Patrick Markschläger, Executive Vice President of SCHOTT's Business Unit Tubing.

"The increase of over 30 percent in the facility's overall Indian production capacity is at the same time a commitment to supporting the government's vision of India becoming a global pharmaceutical hub", adds Mr. Pawan Shukla, Managing Director SCHOTT Glass India, during the ground-breaking event at the site. The additional tank is scheduled to go into operation at the beginning of 2023, with the second one following a year later.

The expansion in Jambusar will create new jobs for around 225 employees and is part of a more than 1 \$ billion strategic investment



program of SCHOTT through 2025, leveraging the global pharma tubing and packaging business.

SCHOTT has been a frontrunner in the fight against COVID-19 and provided pharmaceutical glass for primary packaging to fill billions of COVID-19 vaccines worldwide. In India, almost all approved vaccines are packed in FIOLAX® glass made by SCHOTT. With additional melting tanks and production lines, SCHOTT intends to ensure that this Asian manufacturing hub can adequately supply high-quality pharma glass for the Indian pharma industry and neighbouring countries.

## LAUNCH OF CALENDAR GLASS BOTTLE 2022 AHEAD OF IYOG2022

In the virtual Executive Committee and Annual General Meetings of the AIGMF held on September 10, the President and Office Bearers released the Calendar Glass Bottle 2022 carrying the logo of International

Year of Glass (IYOG2022).

The bottle has specially been designed by AGI glaspac under the capacity of main partner for all IYOG events to be held in India.



As part of the IYOG2022 promotion, the calendar glass bottle is planned to be despatched by Christmas to all stakeholders i.e., *Members of Parliament; Gol Secretaries; office of Chief Secretaries; LGs/Administrators; Chief Ministers; select Gol contacts; Trade Chambers; Education Secretaries; FOSG; AIGMF Members; Regional Associations; Select Universities and Schools; Firozabad; CSIR-CGCRI; BHU; CDGI; General; Overseas Glass Associations and other contacts etc.*

These promotional bottles will also be used during the other events in 2022 and wide distribution at glasspex from Mar 3-5 to every exhibitor and select visitors/contacts, etc.

### NEW MANAGING DIRECTOR OF HEYE INTERNATIONAL

*Mr. Hans-Peter Müller will join Heye International as Managing Director on 18<sup>th</sup> October 2021.*



In his role, Mr. Müller will be responsible for the development and implementation of the future strategic approach of the company, delivering new business projects through sales negotiations in different countries, worldwide.

Together with the team, he will continue to develop the customer base, maintaining customer relations and supporting the development of a

prospect pipeline.

He will be responsible for setting up a long-term sales and innovation strategy, aligned with the Heye vision and transformation into actionable operational plans, including clear goals for performance, cost competitiveness and growth. The role will also involve overseeing company operations and employee productivity, building a highly inclusive culture, ensuring team members thrive and organizational outcomes are met.

Most recently, Mr. Müller worked as Managing Director and Director of Global Filtration / Drying & Powder Handling business for Dietrich Process Systems, where he was responsible for the development and adaptation of the existing organization to the future market challenges. His focus was to develop the company activities on the future path of profit and growth.

Mr. Müller has a proven track record of successfully running a business, change management and launching successful innovation and continuous improvement initiatives. He also holds a university degree in Mechanical Engineering.

### IRIS INSPECTION MACHINES EXPANDS ITS INTERNATIONAL SALES TEAM

IRIS Inspection machines announced the appointment of Mr. Altay Capanoglu, as Area Sales Manager. This is part of IRIS Strategy to strengthen a global coverage and IRIS presence in some regions of the world.

Mr. Capanoglu has a strong technical and industrial expertise, having spent 11 years within various functions in industrial leading companies. He speaks fluent Turkish, French and English. Altay brings extensive



experience he has gained, among others, over 5 years spent in Turkey developing strong relationships with customers in his various missions.

Commenting on his new mission, Mr. Altay Capanoglu said: *“IRIS Inspection machines is a leading company and a pioneer within the intelligent technologies. I’m excited to be part of the team and use my experience to providing proactive service to customers. I’ve been immersed in the industry for many years and look forward to working with my customers to understand their inspection needs and come up with a solution that best fits those needs”.*

At IRIS inspection machines, Mr. Capanoglu will be in-charge of developing and maintaining important relationships with hollow glass customers throughout the world, as well as participating in and managing training and demonstrations.

### MBPL GAS PIPELINE NETWORK IN RAJASTHAN - TREMENDOUS INVESTMENT OPPORTUNITIES FOR GAS BASED INDUSTRIES

In the webinar organized on August 20, Mr. Sanjay Aggarwal, President, PHDCCI in his address informed that with the completion of Mehsana-Bhatinda Gas Pipeline Project (MBPL)



Rajasthan will witness tremendous investment opportunities. It will also make existing industries competitive. Availability of clean and economic sources of energy is a prerequisite for industrial development and Rajasthan was waiting for this opportunity for a long. Rajasthan enjoys a preeminent position in the availability of Ceramic and Glass raw materials, minerals, and many agri-products and these sectors are energy-intensive.

*Availability of natural gas will give a tremendous boost to the development of Ceramic, Glass, Food Processing, Mineral, Textile, Pharma sectors in Rajasthan, Mr. Aggarwal observed. As most of the gas pipeline passes through DFC and DMIC route and Rajasthan's proximity to the major markets, the State would emerge as the most favoured and preferred investment destination in India, Mr. Aggarwal added. He reiterated the commitment of PHD Chamber in attracting investments in Rajasthan collaborating with RIICO and the state government through its new initiatives and robust policy framework.*

Mr. Digvijay Dhabriya, Chairman, PHDCCI-Rajasthan Chapter in his welcome address dwelt light on the features on the MBPL pipeline and informed that the pipeline would

prove to be a boon to Rajasthan and give tremendous impetus to the industrialization of Rajasthan. He informed that out of a total of 1381 km long MBPL pipeline, 873 km passes through 11 districts of Rajasthan most of them are close to DMIC and rich in various raw materials and agri-products.

The capacity of the pipeline is 43 MMSCMD which is equivalent to the output of a 10,000 MW power plant which is more than the requirement of the industries in the State around Rs. 3500 crores investments have been made in Rajasthan by GSPL India Gasnet Ltd. (GIGL), an SPV especially created for this prestigious project.

Leading City Gas Distribution Companies (CGDs) have been given authorization for around 19 districts and the process is on for other GAS. PHD Chamber would work with RIICO and State Government through various initiatives in attracting investments based on the gas pipeline network in the State.

The chief guest of the webinar Mr. Ashutosh Pednekar, IAS, MD, RIICO, and Industry Secretary, Government of Rajasthan in his address emphasized the importance of the gas pipeline infrastructure in the State for leveraging tremendous investment

opportunities especially in Ceramic and Glass, Food Processing, Mineral, Textile, Pharma etc.

*Mr. Pednekar informed that State Government and RIICO are working for developing Rajasthan as an Industrial Power House in the country and the availability of gas will help to achieve this. RIICO is developing new industrial areas for promoting sector-specific clusters i.e. Handicraft and Furniture Park, Medical Devices, Pharma etc. through its investor-friendly policy framework. RIICO is also prompting Horizontal Industrialization and would soon be developing around 100 new industrial areas across the State, some of them close to the gas pipeline, Mr. Pednekar informed.*

*The strategic projects like DMIC, Marwar Industrial Growth Cluster, PCPIR etc., along with the robust gas pipeline infrastructure being put in place by MBPL and GAIL pipelines would be leveraged to take industrialization to new growth orbit, he added. Gas companies need to embark upon a joint strategy and programs for educating and motivating the users and evolving very competitive and hassle-free supply policies for the user so that use of natural gas in the industry can be increased, he advised.*

In the webinar, the industry leaders representing prominent beneficiary sectors namely **Mr. Bharat Somany, President, The All India Glass Manufacturers Federation**, Dr. LK Sharma, President, Indian Ceramic Society, Dr. Subodh Jindal, President, All India Food Processors Association, and Mr. Nilesh Jetpariya, President, Morbi Ceramic Associations shared their wish list from the Gas companies and observed that with this pipeline tremendous investment opportunities would be generated in the State for many sectors. All of them requested

gas companies to offer competitive prices and flexible contract conditions to the consumers.

### SCHOTT AND SERUM INSTITUTE OF INDIA ANNOUNCE JOINT VENTURE FOR PHARMACEUTICAL PACKAGING

Germany's specialty glass company SCHOTT AG has a new partner: Serum Institute of India, the world's largest vaccine producer and manufacturer of highly-effective biologics, has bought the 50% stake in the Indian joint venture SCHOTT Kaisha from former co-owners Mr. Kairus Dadachanji and Mr. Shapoor Mistry. The joint venture is the leading Indian manufacturer of pharma packaging products such as vials, syringes, ampoules and cartridges used to package life-saving medications.

With this acquisition, Serum is securing its supply of high-quality pharma packaging amid rising global demand.

Mr. Adar Poonawalla, CEO Serum Institute of India says, "Even the best medication can't reach the patient without the right packaging. Securing this supply chain is of strategic importance. SCHOTT is the perfect partner for us to do this because of their expertise and global network. As a longtime customer, we use their



An employee at SCHOTT Kaisha's production facility in Jambusar inspects two glass vials

vials, ampoules and syringes to store our vaccines including COVISHIELD™. Working even closer together is in the best interest of global health".

SCHOTT is looking forward to the cooperation with the new partner. Dr. Frank Heinrich, CEO SCHOTT says, "As India has steadily established its position as a global pharmaceutical hub, we are delighted to strengthen our footprint within the Indian pharma supply chain. We are looking forward to strong impulses from this partnership. It is an excellent example of shifting towards new cooperation models, with greater synergies between pharma manufacturing and packaging production".

The joint venture will definitely continue to supply its customers in India and abroad as a reliable partner, says Mr. Eric L'Heureux, the new Managing Director and former longstanding Head of Operations. "We have significantly increased our production capacity in India. Over the last three years we have invested roughly INR 600 crores to set up two new plants in Umarsadi, Gujarat and Baddi, Himachal Pradesh, and to secure uninterrupted supply in our existing facilities during the pandemic." Both SCHOTT and Serum are committed to invest further and will announce concrete plans as this partnership evolves.

Working together in the joint venture opens a new chapter in the successful partnership of Serum and SCHOTT. The companies have had a strong business relationship – and both have been playing a crucial role during the pandemic. From the onset of the COVID-19 outbreak Serum rose to the challenge of developing and/or manufacturing live-saving vaccines, such as COVISHIELD and COVOVAX. To this day, the company has filled and delivered hundreds

of millions of doses to India and the world.

On the packaging end, SCHOTT has already exceeded its target to deliver vials for more than two billion vaccine doses through 2021. The company is providing glass vials globally to key vaccine manufacturers. The fact that SCHOTT has an integrated value chain, covering also the glass tubing, the packaging is made of, further helped to secure the supply chain.

### GHCL TO SET UP 0.5 MTPA SODA ASH PLANT IN KUTCH

Heavy chemicals major, GHCL Limited will set up a greenfield soda ash plant of 0.5 million tonnes capacity in Kutch, Gujarat to increase its manufacturing capacities from 1.1 million tonnes per annum to 1.6 MTPA. This is seen as a move to help reduce the import dependence of the key ingredient for **Glass, Ceramics** and detergent industries.

The greenfield plant, to be set up with an investment of Rs. 3,000 crores, will require about 800 acres of land, of which about 70 percent has already been acquired.

"We are in the process of taking the necessary government approvals and filing for the Environment clearances for the proposed plant," said Mr. R S Jalan, Managing Director, GHCL Ltd.

The company, with its current 1.1 million tonnes facility at Sutrapada in Gir Somnath district in Gujarat, caters to about 25 percent of domestic Soda Ash demand in the country.

During Vibrant Gujarat Summit in 2017, GHCL had signed a memorandum of understanding (MoU) with the Gujarat Government to set up a Greenfield Chemical Complex in Kutch, Gujarat. GHCL looks to set up 11,00,000 tonnes per annum Light Soda Ash, 5,00,000

TPA Dense Soda Ash, 2,00,000 TPA Sodium Bicarbonate manufacturing plants besides a solid fuel-based 120 MW Captive Co-generation Power plant and other utilities in Mandvi taluka of Kutch district.

*“Further expansion wasn’t possible at the current location. So, for the future growth, we needed an extra location. At the new plant, we would still have the scope for future expansions,”* Mr. Jalan said.

The required investments will be met through a mix of internal accruals and debt. *“The plant will take about 3-4 years to be ready. We have an annual cash generation of around Rs. 500 crores. So, we will be able to fund the plant with our internal accruals along with debt. We plan to maintain a 1:1 D/E ratio,”* he said.

In 2019-20, India imported record 9.5 lakh tonnes of soda ash, while domestic production stood at 33.8 lakh tonnes. The annual consumption hovers around 40 lakh tonnes. An increase in the domestic capacities will reduce the dependence on cheap imports to meet the consumption, which is growing at the pace of about 200,000 tonnes per annum.

*“Consuming sectors such as glass - construction glass, flat glass etc are recovering from covid impact. The demand growth will continue and there will still be room for fresh capacities. So, this will continue to be a promising space for all the players,”* said Mr. Jalan.

### **BIDDING FAREWELL TO GAJENDRA SINGH BHIST**

Mr. Gajendra Singh Bhist, support staff at the AIGMF Secretariat was bid farewell on July 2 for having served for almost 45-years in the AIGMF.

Joined in 1976, Mr. Bhist retired in 2014 but continued to work on an extension till 2021 before finally being relieved from his services.

AIGMF remains thankful for his long and dedicated service.

### **BOROSIL GROUP BAGS INDIA GREEN MANUFACTURING CHALLENGE AWARDS**

Borosil Renewables Ltd. won the Gold Medal in the India Green Manufacturing Challenge Award 2020-21 (IGMC Award). IGMC is an awarding platform that is designed to recognize manufacturing firms that have shown consistent progress in improving sustainability factors associated with a manufacturing facility.



Borosil Limited's Jaipur plant won the Silver Medal in India Green Manufacturing Challenge 2020-21.



### **WORLD FIRST: SHEET GLASS PRODUCED WITH HYDROGEN AT UK PLANT FOR FIRST TIME**

In what’s being hailed as a worlds first, hydrogen has been used in the manufacture of sheet glass.

Results of a trial project in the Liverpool City region of England have been released after the UK Government unveiled its Hydrogen Strategy.

Glassmaker Pilkington replaced natural gas with hydrogen at its factory in St. Helens to manufacture sheet glass, also known as float glass.

The HyNet Industrial Fuel Switching project was led by Progressive Energy, with hydrogen being provided by BOC, as was designed to provide confidence that low carbon hydrogen can replace natural gas.

Pilkington’s UK Managing Director Mr. Matt Buckley said the HyNet project *“will be a massive step to support our decarbonisation activities”*.

*“This full-scale production trial over several weeks successfully demonstrated that it is possible to use hydrogen to safely and effectively fire a float glass plant. We now look forward to the HyNet concept becoming a reality.”*

Mr. Steve Rotheram, Metro Mayor of Liverpool City Region, said: *“Just as we led the first industrial revolution, our region is leading the green one too.”*

*“HyNet has the potential to be a transformative project for our region, cutting carbon emissions across the North West by 25% and helping us take a big step towards our climate targets.”*

Mr. David Parkin, Director of Progressive Energy and Project Director of HyNet North West, added that *“industry is vital*



for the economy, but is difficult to decarbonise. HyNet is focused on removing carbon from industry through a range of technologies including the capturing and locking up of carbon and the production and use of hydrogen as a low carbon fuel.”

He added that he believed this switch to green power could create “over 6000 new, permanent jobs, setting the region on course to be the world leader in clean energy innovation”.

### SUNRISE GLASS INDUSTRIES NAMED THE MOST TRUSTED CONTAINER GLASS COMPANY

Worldwide Achievers organized Indian Icon & Business Leaders Awards 2021 on August 27 at Grand Hyatt,



Goa in the fields of Sports, Arts, Culture, Politics, Entertainment, Media, Business, Education and Healthcare.

Mr. Gaurav Thakkar, Managing Director of Sunrise Glass Industries Pvt. Ltd. received the award of

India's most trusted Container Glass company.

Sunrise Glass Industries Pvt. Ltd., is a part of Astron Group and is manufacturer of Container Glass situated in Surat, Gujarat since 2011.

### UPGMS की वार्षिक आम-सभा



फिरोज़ाबाद: UPGMS (यू.पी. ग्लास मैनुफैक्चरर्स सिंडीकेट) की वार्षिक आमसभा दि 25/09/21 को होटल पेराडोर में सम्पन्न हुई। जिसमें श्री राजकुमार मित्तल जी की अध्यक्षता में सचिव श्री पराग गुप्ता जी द्वारा विगत वर्ष में संस्था द्वारा किए गए कार्यों से अवगत कराया।

बैठक में मुख्य अतिथि सदर विधायक श्री मनीष असीजा जी, चुनाव अधिकारी प्रमुख उद्योगपति श्री प्रदीप गुप्ता जी थे। वार्षिक सभा में सचिव पराग गुप्ता ने बताया कि यूपी में बनने वाली देसी शराब की 25% मात्रा को कांच की बोतल में पैक करने का आदेश शासन द्वारा जारी हो चुका है, माननीय

विधायक असीजा जी ने बताया कि इस प्रस्ताव पर कैबिनेट की मंजूरी मिल चुकी है और शीघ्र ही देसी शराब बनाने वाली कम्पनियों द्वारा कांच की बोतल का प्रयोग आरम्भ हो जाएगा। सचिव जी ने बताया कि पर्यावरण मंत्रालय द्वारा कांच की भंगार के आयात पर पिछले 2 वर्षों से प्रतिबंध लगा रखा है, जिसकी भी शीघ्र अनुमति मिलने की सम्भवना है।

बैठक में नई कार्यकारिणी हेतु चुनाव अधिकारी श्री प्रदीप गुप्ता जी को जिम्मेदारी दी गयी। जिसमें सर्व सम्मति से विगत वर्ष की कार्यकारिणी को ही इस वर्ष पुनः जिम्मेदारी दी गई, जिसमें अध्यक्ष श्री राजकुमार मित्तल, उपाध्यक्ष श्री संजय अग्रवाल, उमाशंकर

अग्रवाल, सचिव श्री पराग गुप्ता, कोषाध्यक्ष श्री दीपक गुप्ता, सह सचिव श्री रितेश मित्तल को पुनः जिम्मेदारी दी गई। संस्था में नए सदस्य हेमन्त अग्रवाल, चॉइस ग्लास जुड़े, जिन्हें सर्व समिति से कार्यकारिणी समिति में लिया गया और गैस और लीगल सेल का अध्यक्ष मनोनित किया गया।

बैठक में अन्य सदस्य उद्योगपति मनोज मित्तल, संजय मित्तल, प्रमोद गर्ग, सुरेश बंसल, अनुराग मित्तल, मोहित अग्रवाल, मनीष बंसल, नवेद जी, विश्वदीप सिंह, राष्ट्र दिप सिंह, मोहित जैन आदि उपस्थित थे।

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



THE ALL INDIA GLASS MANUFACTURERS' FEDERATION



PREFERRED INTERNATIONAL JOURNAL

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# 'Youth' help setting tone for the International Year of Glass 2022 activities in India

Awards given to Students and Industry Members

(Sept 10, Virtual Event)



**Chief Guest Dr. Reinhard Conradt, Vice President and President Elect of the International Commission on Glass unveiled a touring exhibition on 'Glass in our Lives' at the virtual Annual General Meeting of the All India Glass Manufacturers' Federation (AIGMF). Online entries were invited from the age group between 7-24 years to participate in the 1<sup>st</sup> Photography Contest, a kickstart event to mark the International Year of Glass 2022 activities in India.**

A distinguished Jury of Members representing a cross section of glass

sectors and regions decided the top 3 photographs out of approx., 7,000 entries received from educational institutes and Youth across India:



Mr. Sanjay Somany, Former President AIGMF and CMD HNG Inds. Ltd.; Mr. Sanjay Ganjoo, Former President

AIGMF and COO Asahi India Glass Ltd.; Dr. Suman Kumari Mishra, FNASc, Director CSIR-Central Glass and Ceramic Research Institute and Adjunct Prof. AcSIR and Ex-Dean Eng. Sc. AcSIR; Prof. Manoj Choudhary, Former President International Commission on Glass, Adjunct Prof. Materials Science & Engineering, The Ohio State University and President, MKC Innovations, LLC (USA); Dr. Arun K. Varshneya, Emeritus Professor (Glass Science) Alfred University and President Saxon Glass Technologies, Inc. (USA); Mr. Dave Fordham, Publisher Glass Worldwide (UK).



"This is a type of Still life photography. It's a type of photography used for depicting inanimate subject matter. This photograph is well balanced and also has an interesting geometric play. It's visually appealing as it follows the rule of thirds. It has a complementary colour scheme which in turn creates a pleasing sensation for the viewers. Modern life would not be possible without glass.

Glass is an immensely versatile material; it is used every day in numerous applications. We use it to drink beverages, to store food, and as windows in our homes and automobiles.

One of the key reasons we love glass is because it is so safe. It is completely inert and is impermeable to liquids and gases. These inert and impermeable qualities of glass makes it completely safe for various usages.

Glass can be recycled easily and it is very easy to melt glass and remake it into different other products. Talking about the different glass objects that are present in the picture, glass is predominantly used as a safe keeping object because of its higher temperature withstanding tendency.

Glass is used as bowls in the kitchenware

as a container for pickles, dry powders, milk, oils, ghee storage, etc. Also glasses are used as bottles to store milk, beverages, soft drinks, hot drinks etc. It might be hard to find a kitchen without a single glass utensil.

Not only is glass a safe place of storing objects, but also is very fashionable and opulent in nature.

Glasses are used for making many posh utensils such as perfume and scent bottles. Glass gives the substance a better appearance and hence attracts the onlookers for buying objects. As briefed earlier, since glasses are inert in nature, it doesn't react with any substance. Glasses are highly resistant to chemical interactions and their transparent property helps to watch the sample during the experiment. Hence, glass is used to make laboratory ware like a test tube. There are other objects used by a man daily.

We use them to illuminate our homes, offices, roads etc. The bulbs have a filament to generate light. But these filaments are covered by a transparent glass. Besides protection, they allow the passage of light through them without obstruction. You cannot replace the glass with metal or plastic as they are



not transparent and heat resistant. The other important usage of glass is that it's used as a magnifier. It has the property of magnifying objects that are far away in distance. Without this glass made magnifying lenses, it won't be possible to use microscopes. Thus, we got to know about glass, that it's an unlimited and innovative material that has various uses. It is an essential component of numerous products that we use in our day to day to life, most often without noticing it. Enhance the usage of glass and at the same time use it with utmost delicacy and care.", said 1<sup>st</sup> winner S. Christy Laura from TAMIL NADU



**AIGMF 1<sup>st</sup> Photography Contest- 'Glass in our Lives' (2021)**  
 1<sup>st</sup> Prize: S. Christy Laura (15 years)  
 10<sup>th</sup> Class student, Sri Akilandeswari Vidyalaya, (Trichy) Tamil Nadu



"In the picture, I have captured different things which are made of glass and I use everyday.

I have highlighted the various properties of glass:

1. Transparent - the sipper allows me to see the fruits mom puts in my shake. The windows allow me to see the beautiful trees and birds outside.
2. Strong - the table and the window is strong
3. Used for decoration



AIGMF 1<sup>st</sup> Photography Contest- 'Glass in our Lives' (2021)  
 2<sup>nd</sup> Prize: Medhansh Singhla (8 years)  
 3<sup>rd</sup> Class student of Delhi Public School (Vasant Vihar) New Delhi

4. Safe from virus
5. Permanent",

said 2<sup>nd</sup> winner Medhansh Singhla from DELHI

"At the first instance, you may have missed to notice the parents of the child in the frame (standing near the car). Grandparents of child are in the

car, thus, I tried to capture "One Family Through Glass". Such beautiful moments make Life look more beautiful. If you look around, Glass in our lives is playing

a major role i.e. recyclable, transparent, inert, protection from virus, eco-friendly, enables communication, addition in décor and many more features. My request goes to all to please adopt more GLASS in your lives, which would be a great contribution to beautify Mother Earth. Thank you ! ", said 3<sup>rd</sup> winner Brijesh Jethva from GUJARAT



AIGMF 1<sup>st</sup> Photography Contest- 'Glass in our Lives' (2021)  
 3<sup>rd</sup> Prize: Brijesh Jethva (22 years)  
 (Junagadh) Gujarat





Dr. Suman Kumari Mishra, Director, Council of Scientific & Industrial Research - Central Glass & Ceramic Research Institute (CSIR-CGCRI), Kolkata felicitated the winning students.

The roadshow will travel to other cities showcasing the vital role of Glass, being the only 100% recyclable packaging and building material.

As a token of appreciation, lucky 500 photo entries



A digitized version of the exhibits may be viewed at: [www.aigmf.com](http://www.aigmf.com)

**1<sup>st</sup> Prize (Rs. 20,000)** was given to **S. Christy Laura** aged 15 years  
*10<sup>th</sup> class student of Sri Akilandeswari Vidyalaya, (Trichy) Tamil Nadu*

**2<sup>nd</sup> Prize (Rs. 10,000)** was given to **Medhansh Singhla** aged 8 years  
*3<sup>rd</sup> class student of Delhi Public School (Vasant Vihar) New Delhi*

**3<sup>rd</sup> Prize (Rs. 5,000)** was given to **Brijesh Jethva** aged 22 years  
*from (Junagadh) Gujarat*

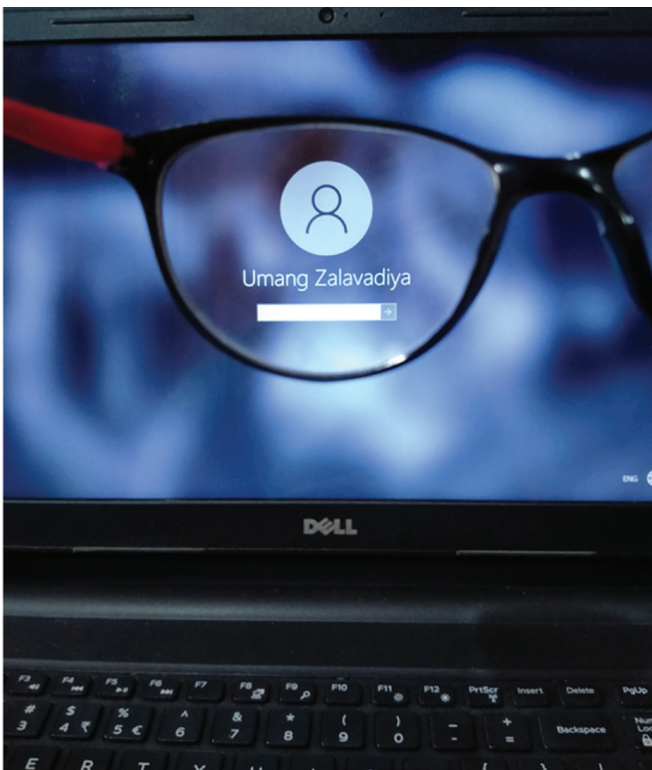
**Winning entries can be viewed at:** [www.aigmf.com](http://www.aigmf.com)





Select photos of the event can be downloaded from:  
<http://www.aigmf.com/pastevents.php>

will be given a specially designed empty Glass Bottle made out of recycled glass (*manufactured by Hindustan National Glass & Industries Ltd., under its CSR initiative*), carrying logos of International Year of Glass 2022 and Swachh Bharat Abhiyaan (*Clean India Campaign*) ■



# 7<sup>TH</sup>

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## 4<sup>th</sup> AIGMF Glass Awards

**Former Presidents; Mr. Sanjay Somany and Mr. Mukul Somany gave the prestigious annual ‘CK Somany Award for Innovation and Technology’ to Mr. Udit Kapoor, Director, Kapoor Glass India Pvt. Ltd., Mumbai. The ‘Balkrishna Gupta Award for Exports’ was bestowed to M/s Borosil Renewables Ltd., by the Former President, Mr. Pradeep Gupta. Both awards are supported by Glass Worldwide, preferred international journal of the AIGMF in association with Kanch.**

Mr. Udit Kapoor represents the 3<sup>rd</sup> Generation at Kapoor Glass. He completed his Electromechanical Engineering from The University of Southampton in 2004 and has been involved in the family business. His primary focus is to innovate and build equipment and systems to improve product quality and efficiency to meet the growing International requirements and meet customer expectations in terms of quality at affordable costs.

Kapoor Glass India Pvt Ltd., is one of India’s leading manufacturers and exporters of high-quality glass ampoules, tubular vials, Insulin & Dental cartridges, perfume samplers, and laboratory test tubes. With a manufacturing base in India, they serve 32 countries including highly regulated markets in the Americas, Europe, and Japan.

Borosil Renewables Ltd., the first and only solar glass manufacturer in India, part of the Borosil group, are proud manufacturers of “World’s First” Antimony-free solar glass and fully tempered 2mm solar glass. The Company is adding another 2.5 GW equivalent and will be a 5.0 GW



Ashok Jain, Borosil Renewables Ltd.

equivalent solar glass manufacturer by July 2022 and will add a further 2.5 GW equivalent for commissioning in April 2023 to take it to 7.5 GW. It is targeting to raise exports significantly once the additional production is available from July 2022.

The jury for Industry awards comprised of Dr. K. Annapurna, Senior Principal Scientist, Glass Division, CSIR-Central Glass & Ceramic Research Institute (CSIR-CGCRI); Mr. Dave Fordham, Publisher, Glass Worldwide, London (UK); Mr. Sanjay Somany, Former President AIGMF and CMD HNG Industries Ltd.; Mr. P K Kheruka, Former President AIGMF and Chairman Borosil Ltd.; and Mr. Vinit Kapur, Secretary AIGMF.



Udit Kapoor (left) with his brother Dhruv Kapoor Kapoor Glass India Pvt. Ltd.

"I heartily congratulate Mr. Udit Kapoor of Kapoor Glass India Pvt. Ltd. to receive the prestigious CK Somany award for Innovation and Technology for developing indigenously hot-end camera system along with operating software to achieve online automation control over key production parameters to end up with quality production of glass vials of international standards. This is certainly towards attaining a country’s self-reliance in such a critical technology. Equally, I applaud M/s Borosil Renewables Ltd., to bag yet another esteemed Balkrishna Gupta award for its achievements in quality productions and exports. I feel privileged to be part of the Jury to select such worthy contenders for these 4<sup>th</sup> AIGMF glass awards" said Dr. K. Annapurna, Senior Principal Scientist, CSIR-CGCRI.

“The inhouse achievements overseen by Mr. Udit Kapoor during the integration of advanced technology into Kapoor Glass’ production line of ampoules and vials cannot be underestimated and have resulted in multiple benefits. It was a pleasure for Glass Worldwide to be part of the judging process and we offer congratulations to Mr. Kapoor and Kapoor Glass as worthy winners of the prestigious C K Somany Award 2021. Congratulations also to Borosil Renewables who are deservedly recognised for tremendous export figures during unprecedented global market conditions. The company is investing significantly into its operations and its progress has deservedly been acknowledged with multiple honours recently, crowned with the AIGMF’s 2021 Balkrishna Gupta Award for Exports”, said Mr. Dave Fordham, Publisher – Glass Worldwide ■



## Welcomes it's New Member

Company	Products / Services
<b>PARAS GLASSWARE (P) LTD.</b> 60, Industrial Area Nunhai Agra- 282006  Contact: Mr. Sanjay Prakash Mittal +91 92580 85285 / 92580 24373 <a href="mailto:paras_glass@fmglass.com">paras_glass@fmglass.com</a>	Manufacturers of Glass Bottles

### 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](http://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)

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