

GLASS News



As Published in **Kaish** Quarterly Journal of **The All India Glass Manufacturers' Federation**
Bi-lingual

DR. SUMAN KUMARI MISHRA HAS TAKEN OVER AS DIRECTOR CENTRAL GLASS & CERAMIC RESEARCH INSTITUTE



Dr. Suman Kumari Mishra is a materials scientist specialized in advanced materials processing, material properties and applications. She obtained her PhD from the Indian Institute of Technology, Kharagpur and had since then served as Scientist with the CSIR-National Metallurgical Laboratory (CSIR-NML), Jamshedpur rising to the level of Chief Scientist. During her stint at NML, she has served as the Head of Corrosion & Surface Engineering; Analytical Chemistry; and Human Resources Divisions of the Institute and has been Professor and Dean of Engineering Sciences with the Academy of Scientific and Innovative Research (AcSIR) for several years.

Dr. Mishra has published more than 100 scientific articles in SCI journals; contributed 7 book chapters; 13 patents; transferred 2 technologies and handled around 25 sponsored projects as PI or Co-PI. Apart from this, she has several conference

presentations and has delivered numerous invited lectures. She has guided 7 PhD students and several students for their graduate and postgraduate dissertations. She is in the Editorial Board of the Defence Science Journal and also has been a member of the International Editorial Board of the IIM Universities Press.

In recognition to her scientific contribution, Dr. Mishra was elected as a Fellow of the National Academy of Sciences of India in 2018; awarded the Best Metallurgist of the Year Award by Ministry of Mines, Government of India in 2012; elected as Fellow of the Indian Institute of Ceramics in 2007; bestowed with the Vasvik Award in women category and received the MRSI Medal in 2004; awarded the CSIR Raman Fellowship in 2002 and the CSIR Young Scientist Award in Engineering Sciences in 1999, to name a few. She was also recipient of the University Gold Medal of Ranchi University in 1985 for ranking 1st in the batch.

AIGMF is looking forward to working with Dr. Mishra and her team in the areas of Academic, Research, Publications, etc.

AIGMF 2021 CALENDAR ON THE THEME 'GLASS PROTECTS'

President Mr. Bharat Somany released AIGMF 2021 calendar on the theme 'Glass Protects' at the virtual Executive Committee Meeting held on Oct 31.

To commemorate International Youth Day, AIGMF invited online entries from children between 7-16 years to participate in the 'Drawing Competition 3.0', wherein over 3000 students participated from across India. On Sept 15, 2020, Chief Guest Prof. Alicia Durán (Research Professor

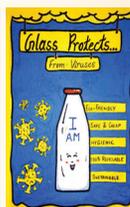
Glass Protects






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On Sept 15, 2020, Chief Guest Prof. Alicia Durán (Research Professor CSIC-Spanish National Research Council) and President of International Commission on Glass, Madrid, SPAIN unveiled a touring exhibition on 'Glass Protects' at the 1st ever Virtual Annual General Meeting of the AIGMF



The roadshow will travel to other cities showcasing the vital role of Glass, being the only 100% recyclable packaging and building material.
A digitized version of the exhibits may be viewed at: www.aigmf.com






About the AIGMF:

The All India Glass Manufacturers' Federation (AIGMF) is a not for profit National Apex Body of the Indian Glass Industry, representing all segments and sectors.

AIGMF undertakes socially responsible steps as a voluntary service to society, thereby bringing increased awareness of Glass.



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CSIC-Spanish National Research Council) and President of the International Commission on Glass, Madrid, SPAIN unveiled a touring exhibition on 'Glass Protects'.

Top 3 winners were given cash prizes. And later the entire project was converted into the 2021 Calendar.

Being the National Apex Body of the Glass Industry, the AIGMF undertakes socially responsible steps as a voluntary service to society, thereby bringing increased awareness of Glass being a safe and 100% recyclable packaging and building material.

As part of an educative process, Wall and Table versions of the calendars were distributed to AIGMF Members/Regional Associations, Stakeholders: All Members of Parliament/Govt. of India Secretaries/office of Chief Secretaries/LGs/Administrators/CMs/select Gov contacts/Trade Chambers/Education Secretaries/All FOSG Members/Firozabad/CGCRI contacts/Glass Associations Worldwide/General etc.

Soft copy of the calendar is available at www.aigmf.com

2ND ICG-CGCRI TUTORIAL

The International Commission on Glass (ICG) and CSIR-Central Glass & Ceramic Research Institute (CSIR-CGCRI), Kolkata, India jointly organized the 2nd ICG-CGCRI Tutorial 2021 on Glass in virtual mode through MS Teams during January 18 - 27, 2021. This tutorial aimed to cover a wide spectrum of topics related to glass science and technology including fundamentals of thermodynamics, melt flow dynamics, mechanical behaviour, characterisation techniques, nucleation kinetics, atomistic simulation and so on for developing an insight into the processing-structure-

property correlations for glass and glass-ceramics for the benefit of the glass researchers across the globe.

The first ever ICG-CGCRI Tutorial that was organized by CSIR-CGCRI, Kolkata in 2017 had generated an overwhelming response and motivated ICG to grant permission to CSIR-CGCRI to conduct such tutorials every four years. The website for the Tutorial (www.icg-cgcricri-tutorial2021.com) was launched on 1st December 2020 in virtual mode by Prof. Reinhard Conradt, Vice-President, ICG who delivered his Presidential address. Dr. K Muraleedharan, Former Director of CSIR-CGCRI and Mr. Ashim Kumar Chakraborty, Former Chief Scientist and Director, (Acting) of CSIR-CGCRI, Prof. J. M. Parker (Sheffield University, Sheffield, UK), Mr. Sitendu Mandal (Chief Scientist & Organizing Secretary of ICG-CGCRI Tutorial 2021), and other distinguished dignitaries from the Glass community also participated in the website-launching program.

On 18th January, 2021, the ICG-CGCRI Tutorial 2021 was formally inaugurated by Dr. Suman Kumari Mishra, Director, CSIR-CGCRI in presence of Dr. Dipayan Sanyal, Chief Scientist, CSIR-CGCRI, Prof. Alicia Duran, President, ICG, Prof. Reinhard Conradt, Vice President,

ICG, Prof. J. M. Parker, Advisor, ICG-Education, Prof. Ana C. M. Rodrigues, Chairperson, TC-23 (ICG-Education) and several other eminent academicians and experts of the Glass Science & Technology Community. Prof. Dipankar Banerjee, Chairman, Research Council, CSIR-CGCRI and Prof. Alicia Duran, President, ICG graced the event as Chief Guest and the Guest of Honour, respectively.

Mr. Sitendu Mandal, Chief Scientist, CSIR-CGCRI and Organizing Secretary of ICG-CGCRI Tutorial 2021 delivered the formal vote of thanks to all the dignitaries, guests, participants and other members of this 2nd ICG-CGCRI Tutorial 2021 including the local organizing committee members for their wholehearted support, active participation in making this inauguration event a grand success.

A total of 23 lectures were delivered during the Tutorial by stalwarts such as Prof. R. Conradt (UniglassAC GmbH, Aachen, Germany); Prof. J. M. Parker; Prof. A. Duran; Prof. M. K. Choudhary (MKC Innovations LLC and The Ohio State University, USA); Prof. John C. Mauro (PSU, USA); Prof. R. Vacher and Prof. B. Hehlen (University of Montpellier, France); Prof. P. Florian (CEMHTI-CNRS, France); Prof. A. Varshneya (Saxon Glass Technologies, Alfred, USA); Prof. R. J. Hand (Sheffield



Dr. Suman Kumari Mishra, Director, CSIR-CGCRI inaugurating the 2nd ICG-CGCRI Tutorial 2021



Mr. Sitendu Mandal, Chief Scientist, CSIR-CGCRI and Organizing Secretary of Tutorial 2021 delivering the vote of thanks

University, UK); Prof. A. Takada (Asahi Glass Yokohama – Japan); Prof. E. D. Zanotto (Federal University of São Carlos, São Carlos, Brazil); Prof. S. Tanabe (Kyoto University, Japan); Prof. A. R. Boccaccini (University of Erlangen-Nuremberg, Germany); Prof. Ana C. M. Rodrigues (Federal University of São Carlos, Brazil) and other distinguished experts from R&D Institutes, academia and Industries.

The topics covered in this Tutorial were multi-faceted and included fundamentals of glass, thermodynamics, energy demands and heat-transport phenomena of glass melts/glass formers, the structural and aspects of glasses/glass-ceramics, bioactive glass and glass-ceramic, optical and redox chemistry of glasses including conducting glasses and advanced testing and characterization techniques to evaluate various properties of glasses, glass-ceramics and other glass based composites for advanced applications, the futuristic glasses, etc.

Twenty three lectures were spread out over 15 different sessions, which were chaired by eminent scientists, academicians and industrialists from India.

In addition, 11 student's projects were also included. Participants were handpicked to explore the new horizons of glass sciences and to address vital issues in connection with glass science and technology. Students were instructed to work in a group so that they could develop mutual understanding and collaborative spirit. The endeavor was a success and the participants carried out the



Eminent panelists delivering their speech on “Career Opportunities in Glass Research”

project work very meticulously. New ideas emerged for future technologies related to application of glass in frontier areas. Results were evaluated by the eight-member judges panel consisting of eminent personalities from India and abroad. Total three prizes were awarded after evaluation of the project presentations by the jury members.

The Tutorial program concluded with Panel Discussion and Valedictory Session. The panelists were Dr. (Mrs.) Suman Kumari Mishra (Director, CSIR-CGCRI), Dr. Manoj Kumar Choudhary (Former President, ICG); Mr. Pradip Kumar Kheruka (CMD, M/s Borosil Glass Works Ltd., Mumbai); and Prof. Arun Kumar Varshneya (President, Saxon Glass, USA).

The Panel Discussion began with Mr. Sitendu Mandal welcoming all the panelists. Dr. Atiar R. Molla, Organizing Joint Secretary, ICG-CGCRI Tutorial, CSIR-CGCRI, moderated the session. Panelists analyzed the highlights of the preceding days and discussed the career opportunities for glass researchers in the context of projected future developments.

Dr. (Mrs.) Suman K. Mishra made the introductory remarks. She spoke about the career opportunities for the next generation emphasizing that glass and ceramic researchers have

huge scope and excellent career opportunities across the globe for development of new materials that cater to the demands of society. There is scope for entrepreneurship for various end applications of glasses including the areas like biomedical, building/structural, coatings on glasses for various functionalities and so on.

Dr. Manoj K. Choudhary also talked on career prospects/opportunities for researchers working on glass science & technologies and the grand challenges in global context. He concurred that glass is a subject that offers opportunities in all sectors such as environment, energy, even safety.

Mr. Pradeep K. Kheruka commented that scientists are developing new products which are of enormous interest. He mentioned that his company has at least 30 problems which researchers or academicians can take up.

Prof. A. K. Varshneya talked about the life saving applications of glasses his company Saxon Glass is producing and such glasses can be developed in India and commercially produced.

Various important issues were discussed. Mr. Kheruka stressed on the need for deep involvement of researchers and academicians to solve problems faced by the glass industry.

Dr. Mishra, on behalf of CSIR-CGCRI took up the challenge to solve some

of the reported problems to be taken up after this event.

All the speakers and participants appreciated the online mode of conducting the Tutorial in pandemic times.

The valedictory session rang down the curtains on the event. During this session there were insightful deliberations by Dr. Sanyal, Dr. Choudhary, Prof. Conradt, Prof. Parker, Prof. Rodrigues, Prof. E. D. Zanotto, Director, CERTEV, Brazil, and Prof. Varshneya among others. All the dignitaries commended the efforts made by CSIR-CGCRI to ensure the success of the event.

The ICG-CGCRI Tutorial 2021 concluded with formal vote of thanks to all dignitaries, participants and others, by Dr. Atiar R. Molla, Organizing Joint Secretary, ICG-CGCRI Tutorial.

Mr. Sitendu Mandal announced the formal closure of this tutorial with the hope of hosting the next International Congress on Glass: (ICG-2025), to be held at CSIR-CGCRI, Kolkata, India in 2025.

AGI GLASPAC BEGINS WORK ON NEW PLANT; EXPECTS 18% TOPLINE GROWTH BY FY23

AGI glaspac, a leading global manufacturer of integrated container-glass, has inaugurated its new plant and announced that with the manufacturing of speciality glass, the company foresees topline growth of not less than 15-18 per cent by 2022-23.

The company raised an investment of ₹220 crores to manufacture special glass for premium segments, such as cosmetics, perfumery, personal care, carbonated water and high-end spirits. These special glasses require an additional layer of printing decoration, design and detailing work. AGI glaspac aims to attract further investment to complete the work.

For the printing, design and decoration of the speciality glass, AGI glaspac plans to engage with start-ups.

The company has been serving its clients in the liquor, wine, food, chemicals and pharma industries

worldwide with commercial and Type-I glass for over 40 years. The addition of clear speciality glass will add a new customer segment to its portfolio.

Mr. Rajesh Khosla, President & CEO of AGI glaspac, said, *“The pandemic has resulted in geopolitical disengagement with certain countries. It will leave the glass industry with a huge void and a shortfall of suppliers or importers in the future. We believe that it is a huge opportunity for Indian manufacturers and start-ups for various industries to increase exports and reduce imports. It is a golden opportunity to raise the bar in the international markets for the ‘Made-in-India’ products. AGI glaspac’s entry in the new segment of manufacturing speciality glass is a strategic decision. It will allow us to cater to the much-expected rise in the global demand after the pandemic subsides.”*

The first phase of investment of ₹220 crores will go towards four levels of expenses — civil construction of the plant, machinery and a new furnace, utilities and finally a new team for the development of the newly-launched AGI Speciality-Glass Division. The company will engage more than 4,600 people, including direct and indirect employees. The total strength of the team is 14,700, which should grow to 19,300 by end 2022.

Mr. KT Rama Rao, Telangana Industry Minister, tweeted, *“Happy to welcome new investments from the HSIL Group into its glass business, AGI glaspac. Many thanks to good friend and Managing Director of HSIL Limited Mr. Sandeep Somany for his continued support towards the Telangana state.”*

Early this year, the company had announced a geographical expansion with an estimated investment of ₹700



Team Emerge getting ready for Conatiner Glass Manufacturing at their newly set up plant, after Pooja Ceremony (inauguration) on January 14 at RIICO Industrial Area, Rajasthan

crores in the eastern part of India. However, due to the pandemic, the expansion plans have been put on hold.

AGI glaspac, the packaging products division of HSIL Ltd, was established in 1972. It is one of the leading container-glass manufacturers in the country. It has two facilities, one at Hyderabad and the other at Bhongir, Telangana. The company manufactures high-quality glass containers to meet the stringent and demanding quality standards of the packaging needs of the food, pharmaceuticals, soft drinks, spirits, beer, wine and other industries. It has an in-house design studio, mould manufacturing and applied ceramic labelling (ACL) facilities.

With the Hyderabad and Bhongir facilities put together, AGI melts around 1,600 tonnes of glass per day. It has four furnaces.

Apart from the host of the multinationals that comprise a part of AGI's Indian market, it has a large customer base in North America, Europe, Africa and the APAC regions.

FAREWELL TO DR. K MURALEEDHARAN, DIRECTOR CGCRI

Federation bid farewell to Dr. K Muraleedharan, Director CGCRI at the virtual Executive Committee Meeting held on Oct 31, which also happened to be his retirement day at the CGCRI.

President Mr. Bharat Somany thanked Dr. Muraleedharan for CGCRI's support, services, and providing venue to the AIGMF whenever required. Mr. Somany said that under Dr. Muraleedharan's tenure, in the last 5 years AIGMF was very fortunate to have worked closely on some

of the important events i.e., ICG related programs at CGCRI, AIGMF Executive Committee meetings, Publications support for Kanch and Glass News, propagating use of glass packaging, glasspex exhibition, Glass Awards, painting competition, etc.

President and Office Bearers appreciated the support and confidence shown by Dr. Muraleedharan in the activities of the Federation which even got better with CGCRI's collaboration. Mr. Somany on behalf of the Industry wished Dr. Muraleedharan all the very best for his next assignment in Kerala.

A small token of appreciation in form of a glass artefact (courtesy of Sri Sitaram Glass Works, Firozabad) was given to Dr. Muraleedharan.

Select photos of the event are available at <https://aigmf.com/past-events.php>

WORLD SODA ASH CONFERENCE ONLINE

AIGMF participated as a supporting association in the World Soda Ash conference which was held online for the 1st time owing to the Pandemic situation.



President Mr. Bharat Somany was one of the Panellists in Session 4: Prospects for Glass and presented a Summary Overview of Glass Outlook for India on Oct 20.

Presentation and select photos of the event are available at <https://aigmf.com/past-events.php>



SCHOTT GLASS INDIA INAUGURATES NEW GLASS MELTING TANK, PRODUCTION CAPACITY TO INCREASE BY 25%

SCHOTT AG, a global leader in pharmaceutical glass manufacturing, has inaugurated a new melting tank in its Gujarat-based facility with an approximate investment of EUR 25 Million. The new tank would help increasing the plant's production capacity by 10,000 tonnes to reach an annual capacity of 40,000 metric tonnes.

SCHOTT AG has been a frontrunner in the global fight against Coronavirus, with commitment to provide its specialised pharma glass used for storing billions of COVID-19 vaccines. The melting furnace has been constructed within a span of one year, to enable a 25% increase in the facility's overall production capacity, to support the pharma industry that is facing a huge demand surge for pharma packaging products.

SCHOTT Glass India's MD, Mr. Pawan Shukla shared, "India has stepped up as a responsible leader in the global fight against Coronavirus. SCHOTT remains committed to ensure that there is adequate supply of its high-quality pharma glass for the Indian pharma industry. Moreover, as SCHOTT's manufacturing hub in Asia, we have taken up the responsibility to cater to our clients in India as well as in neighbouring countries."

The melting tank is a part of the company's commitment to invest over EUR 47 million in its Indian facility, and to double its capacity of producing the highly specialised FIOLAX® tubing material for both domestic and export demands. Despite the pandemic induced lockdown, SCHOTT employees and engineers continued working at the Jambusar facility to enable the



construction of the new tank in the defined time frame.

The expansion has resulted in additional employment of over 120 skilled workforce, taking the overall count to 420 employees.

German Project Engineer and Expert for Melting Technology, Mr. Norbert Osterhage, who was overseeing the project, chose to stay in India during the lockdown to ensure that the melting tank is operational in time, especially now as quality glass vials and syringes have become need of the hour for COVID-19 treatment.

"All players within the global pharma supply chain have a key role to play in the ongoing fight against Coronavirus. SCHOTT is already providing its glass to majority pharma packaging leaders for storing COVID-19 medication, and delivering glass vials to three out of every four COVID-19 vaccine projects undergoing various phases of testing*. Our Indian facility is an integral part of our pledge to cater to any requirement of the pharma industry in a sustainable manner," said Dr. Patrick Markschläger, Executive Vice President, SCHOTT AG, Business Unit Tubing.

SCHOTT's specialised glass tubing, FIOLAX® is the gold standard for pharmaceutical packaging for over a

century. The material is best suited for potential COVID-19 vaccines and existing medications, as it avoids the interactions between containers and the drug formulation, that can limit its effectiveness.

SCHOTT KAISHA EXPANDS ITS VIAL PRODUCTION CAPACITY WITHIN RECORD TIME TO GEAR UP FOR COVID-19 VACCINE

Pharma-packaging market leader, SCHOTT KAISHA, has announced an immediate investment of INR 105 crores (~EUR 12 million) into its existing facilities to increase its vial production by 300 million pieces. The decision comes at a time when drug manufacturers around the world are undergoing COVID-19 vaccine trials. Such complex medications are stored in Type I glass vials, which are produced at SCHOTT KAISHA facilities in Gujarat and Daman.

The Indo-German venture with the international technology group, SCHOTT AG, plans to complete this production ramp-up within a record time of 12 months. A long-term investment plan and consistent infrastructure growth over the years has helped the company expand its production capabilities quickly.

Over the last 3 years, it had invested approximately INR 434 crores and set up two new plants in Umarsadi, Gujarat and Baddi, Himachal Pradesh. With the recently opened facility in Umarsadi, SCHOTT KAISHA was already manufacturing over 3 billion pieces of ampoules, vials, syringes, and cartridges annually. The company is providing vaccine vials to all the key vaccine developers in the country as well as manufacturers abroad.

Mr. Rishad Dadachanji, Director, SCHOTT KAISHA shared, *“Pharma companies all around the world are working relentlessly to find an effective vaccine for COVID-19. As a front-runner in the pharma packaging segment, we are committed to support the vaccine developers with the best packaging solutions. We are closely working with all our clients to supply them with vials and syringes for their vaccine trials and are continuously assessing their requirements to stay ahead of the curve.”*

With the looming demand surge for vaccine vials, the pharma industry relies on quality products for storing

their complex drug formulations with minimal threat of contamination. SCHOTT KAISHA has been a pioneer in the Indian market to provide customisable solutions to leading pharmaceutical players all over the world. It has always given preference to a ‘quality by design’ approach, benchmark manufacturing and quality control processes using breakthrough inspection technology, combined with best-in-class components

VIRTUAL CONFERENCE ON GLASS PROBLEMS

also provided an exhibiting platform for solution providers to communicate with the industry.

The Virtual Conference on Glass Problems was organised by the Glass Manufacturing Industry Council (GMIC), which is the American trade association bridging all segments of glass manufacturing and Alfred University, the USA’s leading glass research institution. It was endorsed by the American Ceramic Society. Glass Worldwide was the official journal.



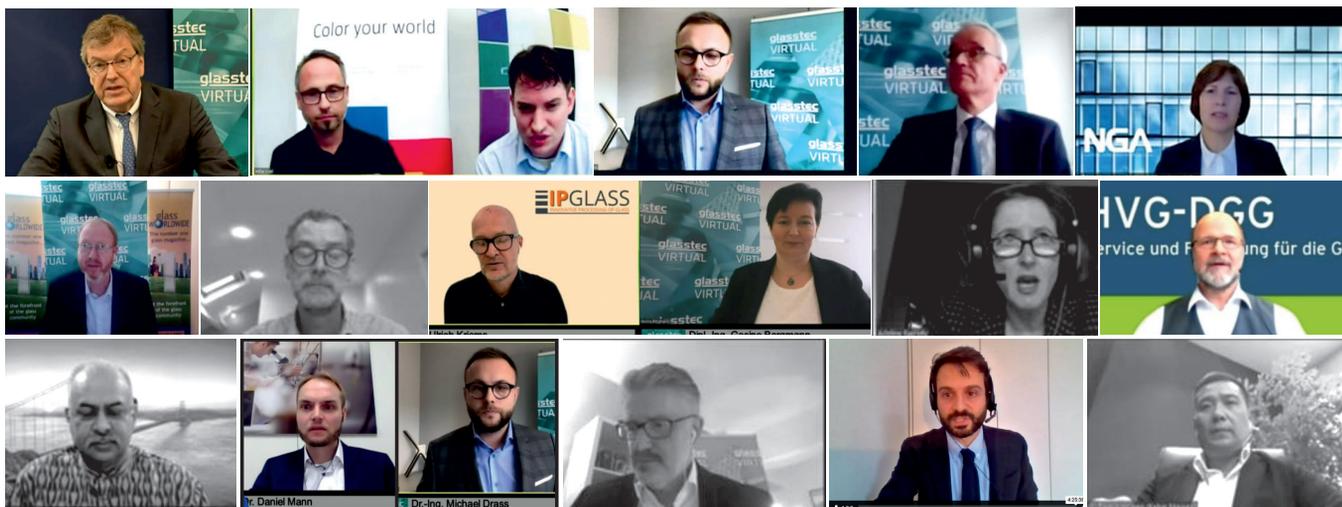
Owing to Pandemic the 81st Conference on Glass Problems, which was originally scheduled to take place on October 26-29 in Columbus, Ohio, USA, was replaced with a virtual conference between October 26-30. Being accessible via the internet, it allowed participants access to the world’s leading technical experts addressing current problems in glass manufacturing. The program

AIGMF participated as a supporting association and promoted the program within India.

Select photos of the event are available at <https://aigmf.com/past-events.php>

GLASSTEC VIRTUAL

glasstec VIRTUAL from Oct 20-22 successfully bridged the gap between now and the forthcoming glasstec in June 2021. With its concept



comprising digital knowledge transfer, novel presentation possibilities for exhibitors as well as additional virtual networking options, it has convinced the international glass sector.

“With glasstec’s virtual portfolio Messe Düsseldorf shows that it can succeed in bringing together industries worldwide, not only at physical events but also with digital formats. This means it continues to position itself once more as a No. 1 destination for global communication

business contacts,” says Mr. Erhard Wienkamp, COO Messe Düsseldorf.

“During the pandemic period, this solution enabled us to offer the industry an additional platform to intensify and expand international contacts. Now the focus is entirely on preparing glasstec, which will be held here in Düsseldorf from 15 to 18 June 2021,” notes Ms. Birgit Horn, Project Director glasstec.

AIGMF participated at the Virtual Glass Associations Summit powered

by Glass Worldwide. Presentations were made by Mr. Sanjeev Oberoi (Executive Director AIS) on Float glass segment on Oct 20; and Mr. Sanjay Somany (Former President AIGMF and CMD HNG) on Container glass segment on Oct 21. Both sessions were followed by a panel discussion. The participation at glasstec virtual was free.

Presentations and select photos of the event are available at <https://aigmf.com/past-events.php> ■

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KEY HIGHLIGHTS OF UNION BUDGET OF INDIA 2021-22

The Union Minister for Finance & Corporate Affairs, Ms. Nirmala Sitharaman presented the Union Budget 2021-22 in Parliament on Feb 1. Following are the key highlights:

- The Urban Swachh Bharat scheme will be implemented with an outlay of over ₹1.4 lakh crores.
- A new centrally funded scheme, PM Swasthya Yojana, with an outlay of ₹64,180 crores will be launched in addition to the existing schemes to develop primary, secondary and tertiary healthcare. FY22 outlay (budget estimate) for health and well-being is up 138%, at ₹2,23,846 crores. Of this, ₹35,000 crores will be spent on Covid-19 vaccine. Government committed to spending more, if needed.
- Aim to complete 11,000 kms of national highway infrastructure this year.
- ₹1.10 lakh crores outlay for railways, of which ₹1.7 lakh crores is for capital expenditure. Railway to monetise dedicated freight corridors.
- Pipelines of GAIL (India) Ltd, Indian Oil Corporation, HPCL will be monetised.
- Gas pipeline project to be taken up in J&K.
- Government to provide ₹2 lakh crores to states and autonomous bodies to meet capital expenditure.
- Central fiscal funding for Kochi Metro, Chennai Metro, Bengaluru Metro, Nagpur Metro and Nashik Metro projects.
- ₹3.05 lakh crores outlay for power sector. Government proposing to create a framework to give consumers, alternatives to choose from more than one power Distribution Company.
- Government proposes investor charter across financial products.
- Disinvestment target for FY22 at ₹1.75 lakh crores.
- Two PSBs and one general insurance company to be divested.
- Barring four strategic areas, PSUs in other sectors will be divested.

- Fiscal deficit estimated at 9.5% of GDP for 2020-21. Fiscal deficit for 2021-22 at 6.8% of GDP.
- Social security benefit to be extended to platform and gig workers. Government proposes portal to collect info on gig-workers, building and construction workers, among others.
- Government to increase maximum threshold paid-up capital of small companies from ₹50 lakh to ₹2 crores and increase the threshold of maximum turnover from ₹2 to ₹20 crores.
- Dividend payments to REIT (estate investment trusts) and InvIT (infrastructure investment trusts) exempt from TDS.
- To further ease filing of IT returns, details of capital gains and interest from banks, post offices, etc., will be pre-filled.
- Govt proposes to make income tax appellate tribunals faceless; to set up national income tax appellate tribunal centre.
- Late deposit of employee's contribution to PF by employers will not be allowed as deduction to employer.
- Advance tax liability on dividend income shall arise only after payment of dividend.
- PLI launched to create manufacturing global champions across 13 sectors with amount committed nearly ₹1.97 lakh crores in next 5 years starting FY 2021-22.
- FDI limit in Insurance sector increased from 49% to 74%.
- MSMEs:
 - Collateral free loans for businesses.
 - Disallowing global tenders of up to ₹200 crores.
- An initiative is underway, in partnership with the United Arab Emirates (UAE), to benchmark skill qualifications, assessment, and certification, accompanied by the deployment of certified workforce. The Government also has a collaborative Training Inter Training Programme (TITP) between India and Japan to facilitate transfer of Japanese industrial and vocational skills, technique, and knowledge and the same would be taken forward with many more countries.
- PPP mode to be utilised for managing operational services of major ports.
- ₹2,217 crores for 42 urban centres to tackle air pollution.
- Voluntary scrapping policy for vehicles announced. Fitness test after 20 years for personal vehicles; after 15 years for commercial vehicles.
- National Research Foundation with outlay of ₹50,000 crores over 5 years.
- Exemption from filing income tax returns for senior citizens (75 years and above) who only have pension and interest income. The paying bank will deduct the necessary tax on their income.
- Additional deduction of ₹1.5 lakh shall be available for loans taken up till 31 March 2022 for purchase of affordable house.
- Increase in limit for tax audit for persons who carry out 95% of their transactions digitally.
- Increase in duty on solar inverters and lanterns to promote domestic production.
- Eligibility for claiming tax holiday for start-ups proposed to be extended by one more year.
- Hydrogen energy mission will be launched.

भारत सरकार का केंद्रीय बजट: 2021-22

केन्द्रीय वित्त मंत्री श्रीमती निर्मला सीतारमण ने संसद में वित्त वर्ष 2021-22 का केंद्रीय बजट पेश किया। प्रमुख योजनाएँ इस प्रकार हैं:

- स्वास्थ्य सेवा के लिए 2.23 लाख करोड़ का एलान।
- स्वास्थ्य क्षेत्र को गति देने के लिए देश में बनाए जाएंगे 75 हेल्थ सेंटर, कोरोना वैक्सीन को विकसित करने के लिए 35 हजार करोड़ के पैकेज का एलान।
- उत्पादन से जुड़ी प्रोत्साहन योजना (पीएलआई)।
- 13 क्षेत्रों में पीएलआई योजना के लिए अगले पांच वर्षों में 1.97 लाख करोड़ रुपये की व्यवस्था।
- आत्मनिर्भर भारत के लिए विनिर्माण वैश्विक चैंपियन बनाना।
- रेलवे के लिए 1,10,055 करोड़ का प्रावधान।
- सड़क परिवहन मंत्रालय के लिए 1,18,101 करोड़ का प्रावधान।
- राष्ट्रीय अनुसंधान फाउंडेशन के लिए पाँच वर्ष में 50,000 करोड़ रुपए का परिव्यय।
- सरकार एक पोर्टल बनाएगी जो विशेषकर असंगठित क्षेत्र के मजदूरों के लिए होगा। बिल्डिंग कंस्ट्रक्शन में लगे मजदूरों के लिए फूड, हेल्थ और हाउसिंग स्कील शुरू होगी।
- रियायती दर पर सभी को घर देने के योजना के तहत ऋण के तौर पर ली गई 1.5 लाख रुपए तक की राशि के ब्याज पर मिलने वाली छूट की सीमा को भी बढ़ाने का प्रस्ताव किया गया है।
- तांबे, सोना-चांदी पर कस्टम ड्यूटी कम की गई है जबकि मोबाइल उपकरणों, कॉटन, कुछ आटो पार्ट्स और सोलर इंवरटर पर इसको बढ़ाया गया है।
- 75 वर्ष की आयु के ऊपर के लोगों को टैक्स में पूरी तरह से छूट दी गई है।
- फेसलेस निर्धारण और फेसलेस अपील की शुरूआत।
- डिजिटल लेन-देन के लेखा परीक्षा की सीमा 5 करोड़ रुपये से लेकर 10 करोड़ रुपये तक बढ़ाई, उन लोगों के लिए जो 95 प्रतिशत लेन-देन डिजिटल माध्यम से करते हैं।
- हाईड्रोजन ऊर्जा मिशन लांच किया जाएगा।
- बड़े पत्तनों की प्रचालन सेवाओं के प्रबंध के लिए पीपीपी मोड का उपयोग किया जायेगा।
- टियर 2 के और टियर 1 के परिधीय शहरों के लिए मेट्रो लाइट और मेट्रो नियो।
- इंजीनियरिंग के स्नातकों और डिप्लोमा होल्डरों के लिए नेशनल एंफ्रेन्टिशिप ट्रेनिंग स्कीम का पुनः सुयोजन।
- कौशल विकास और इसके मान्यता के क्षेत्र में संयुक्त अरब अमीरात और जापान के साथ भागीदारी।
- एक देश एक राशन कार्ड योजना लागू होगी।
- बीमा क्षेत्र में 74 फीसदी तक एफडीआई का प्रस्ताव।
- वायु प्रदूषण से निपटने के लिए 2,217 करोड़ रुपये का आवंटन किया गया है।
- पुरानी कारों के स्क्रेप प्रदूषण पर लगाम लगाई जाएगी।
- इंफ्रा सेक्टर में वित्तमंत्री ने 100 फीसदी विदेशी निवेश का प्रस्ताव रखा है। उनका कहना है कि इस पर आने वाली शिकायतों को दूर किया जाएगा। वित्तमंत्री ने कहा है कि सरकार नोटिफाइड इंफ्रा डेट फंड बनाएगी जो जीरो कूपन बॉन्ड जारी करेगा।

पहली बार जनपद के निर्यातकों को मिला ईपीसीएच में अहम स्थान

फिरोजाबाद। जनपद में प्रथम बार यहीं के निर्यातकों को एक्सपोर्ट प्रमोशन काउन्सिल फॉर हैंडीक्राफ्ट (ईपीसीएच) में स्थान देकर पदाधिकारी बनाया गया है। नवनिर्वाचित पदाधिकारियों ने एसोसिएशन का आभार व्यक्त किया है।

जनपद के गिलास मैनुफैक्चर एंड एक्सपोर्ट एसोसिएशन के अध्यक्ष मुकेश कुमार बंसल टोनी, उपाध्यक्ष राजेंद्र गुप्ता एवं सचिव सरवर हुसैन को डायनेमिक मंबर ऑफ सेंट्रल रिजन कमेटी ईपीसीएच चुना गया है। इसके अलावा फिरोजाबाद में पहली बार है कि जिला फिरोजाबाद से ईपीसीएच को मनोनीत करना। नविता अहमद मुरादाबाद को सेंट्रल रीजन कन्वेयर नियुक्त किया गया है कमेटी ऑफ एडमिनिस्ट्रेटिव सीओए एक्सपोर्ट प्रमोशन काउंसिल फॉर हैंडीक्राफ्ट्स द्वारा चयन प्रक्रिया अपनाई गई। फिरोजाबाद के गिलास मैनुफैक्चर एंड एक्सपोर्ट एसोसिएशन के पदाधिकारियों के मनोनयन पर जलमंत्रि, रतनलाल कटारिया, सदर विधायक, मनीष असीजा, राकेश कुमार सीएमडी ईपीसीएच, राकेश रावत, ऑल इंडिया ग्लास मैनुफैक्चरर्स फेडरेशन के पूर्व अध्यक्ष राजकुमार मित्तल शहर के सभी निर्यातकों ने शुभकामनाएं दी। मुकेश बंसल टोनी ने राकेश कुमार, एक्सपोर्ट प्रमोशन काउंसिल फॉर हैंडीक्राफ्ट्स के महान निर्देश का इस मनोहन के लिए आभार व्यक्त किया।

कोरोना संकट से उबरने लगा ग्लास एक्सपोर्ट

कोरोन काल में कांच नगरी का ग्लास एक्सपोर्ट काफी संकट से गुजर रहा था। कुछ सहूलियत से उबरने लगा है। हालांकि शहर के निर्यातकों को अभी और सहूलियतों की दरकार है, जिससे पूरी तरह संकट खत्म हो जाए।

ग्लास एक्सपोर्ट को बढ़ावा देने के लिए निर्यातकों को सरकारी मदद की दरकार है। जिससे उन्हें निर्यात कारोबार को आगे बढ़ाने में राहत मिल सके। शहर के निर्यातकों की माने तो काँच नगरी से होने वाला ग्लास एक्सपोर्ट



राकेश कुमार, महानिदेशक ईपीसीएच



मुकेश बंसल टोनी



राजेंद्र गुप्ता



सरवर हुसैन

का सालाना कारोबार करीब दो हजार करोड़ का है। जो कि कोरोना काल में विदेशी कारोबारियों द्वारा माल के ऑर्डर रद्द कर दिये जाने और स्थानीय स्तर पर आ रही समस्याओं के चलते 50 फीसदी तक सिमट कर रह गया है।

निर्यातकों को कोरोना काल में सरकार द्वारा अपना कारोबार करने की छूट भले ही दे दी गई है लेकिन सरकार से शहर के ग्लास एक्सपोर्टों को निर्यात कारोबार को आगे बढ़ाने के लिए किसी तरह की मदद नहीं मिल सकी है। जिसके चलते निर्यातकों को अनेक मुश्किलों से जूझना पड़ रहा है। निर्यातक चाहते हैं कि भारत सरकार ग्लास एक्सपोर्ट को आगे बढ़ाने के लिए विशेष राहत पैकेज प्रदान करे तो उनका कारोबार तरक्की की राह पर आगे बढ़ सकता है। तभी निर्यात को बढ़ावा मिल सकेगा और विदेशी पूंजी भारत में आ सकेगी।

निर्यातकों ने दिए कई अपने सुझाव: शहर के निर्यातकों ने सरकार से मदद की गुहार लगाई है। निर्यातकों का कहना है कि यूरोप सहित विश्व के कई देशों में जैसे कि पोलैंड, चेकोस्लोवाकिया जैसे देश कांच के प्रमुख रूप से उत्पादक एवं निर्यातक है। इन देशों में कांच के निर्यात पर नाजुकता छवि पूर्ति नामक कंपनसेशन सरकार द्वारा दिया जाता है।

इसी तरह भारत सरकार हमारे कांच के निर्यात उत्पादों पर 10 प्रतिशत कंपनसेशन प्रदान किया जाए। निर्यातक कहते हैं कि निर्यात करने वाले कांच के माल के लिए आधुनिक टेक्नोलॉजी की मशीनें हमारे पास उपलब्ध नहीं है। भारत सरकार ऐसी आधुनिक मशीनों की उपलब्धता सुनिश्चित कराए। साथ ही इन मशीनों को विदेश से आयात करने पर इस

मशीन की खरीद पर 50 प्रतिशत का अनुदान दिया जाए। जिससे जो आइटम निर्यात नहीं होते हैं वह भी निर्यात होने लगे। कांच नगरी से जो ग्लास आइटम निर्यात किए जाते हैं, इन उत्पादों की गुणवत्ता जांचने के लिए प्रयोगशाला अंतरराष्ट्रीय स्तर की हो। साथ ही निर्यात होने वाले उत्पादों की टेस्टिंग के बिल पर 50 फीसदी की छूट दी जाए। निर्यातक कहते हैं कि हमारे यहाँ नेचुरल गैस एवं पेट्रोलियम प्रोडक्ट

जीएसटी से बाहर रखे गए हैं। जिन पर केंद्रीय उत्पाद शुल्क, सीमा शुल्क एवं 10 प्रतिशत वैट कर के रूप में सम्मिलित होता है। यानी कि निर्यात के लिए जो कांच बनाया जाता है उसकी कीमत का 40 प्रतिशत खर्चा गैस व तेल पर आता है। भारत सरकार इसे गंभीरता से लेते हुए टैक्स को कम करें। निर्यातकों का कहना है कि कांच की सोलर पैनेल प्लेट भारत में 95 प्रतिशत तक आयात की जाती है। सरकार इसका उत्पादन करने के लिए निर्यातकों को प्रोत्साहित करें। इससे हम निर्यातक इसका उत्पादन कर सके। अभी तक हो रहे कांच की सोलर पैनेल प्लेट के आयात को हम निर्यात में बदल सके।

ग्लास एक्सपोर्ट को बढ़ावा देने के लिए भारत सरकार को विशेष राहत पैकेज घोषित करना चाहिए तभी हम निर्यातकों को राहत मिल सकेगी इस संबंध में हमने अपनी मांग पत्र एक्सपोर्ट प्रमोशन काउंसिल को भी भेजी है।

—मुकेश बंसल टोनी, चेयरमैन ग्लास मैनुफैक्चरर एवं एक्सपोर्ट एसोसिएशन एवं कोषाध्यक्ष, ऑल इंडिया ग्लास मैनुफैक्चरर्स फेडरेशन

कोरोना महामारी का प्रतिकूल असर हमारे ग्लास एक्सपोर्ट कारोबार पर पड़ रहा है। जिसके चलते हम निर्यातकों को अनेक मुश्किलों का सामना करना पड़ रहा है। भारत सरकार को हमारी मदद करने के लिए ठोस पहल करनी चाहिए। सरकारी मदद मिलने पर ही हमारा कारोबार तरक्की कर सकेगा।

—सरवर हुसैन, ग्लास एक्सपोर्टर

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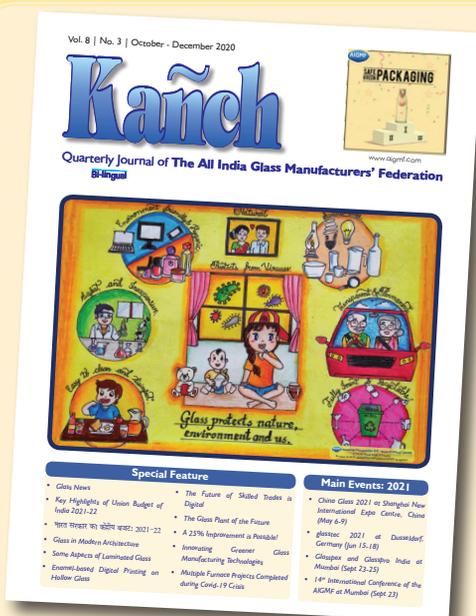
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Quarterly Journal of Glass Industry, published and printed by Vinit Kapur on behalf of The All India Glass Manufacturers' Federation from 812, New Delhi House, 27 Barakhamba Road, New Delhi - 110001 and printed at New United Process, A-26, Ph-II, Naraina Industrial Area, New Delhi-110028
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