

## Bureau of Indian Standards signs MoU with IIT Roorkee for establishment of 'BIS Standardization Chair Professor'

Chennai, March 11 2022: Bureau of Indian Standards (BIS), has signed Memorandum of Understanding (MoU) with IIT Roorkee (IITR) on 10th March 2022 for establishment of 'BIS Standardization Chair Professor' at IIT Roorkee. This would be the first Standardization Chair established by BIS in an Institute for activities on Standardization and Conformity Assessment.



nanotechnology, biotechnology, biomaterials, etc. This will also help in sensitizing students on how standards can encourage and facilitate innovation and will help in grooming students making them better prepared for their future professional challenges.

Shri Pramod Kumar Tiwari, Director General (DG), BIS, assured commitment towards this initiative and provide all the necessary support.

training in the field of Standardization and Conformity Assessment in the country with focus on the areas of civil, electrical, mechanical, chemical, earthquake engineering, development and management of water resources and renewable energy projects, infrastructure development, medical biotechnology and

The MoU would facilitate the research & development, teaching and

## The involvement of Elected Representatives provides confidence among the masses about scheme implementation

Chennai, March 11 2022: Union Minister for Panchayati Raj and Rural Development Shri Giriraj Singh will launch the new functionality developed wherein SMS will be rolled out to MPs and MLAs informing about the commencement of drone flying in their respective Constituency scheduled for survey under the SVAMITVA scheme. The Minister will launch the functionality On 11th March 2022 in the presence of representatives from the Ministry of Panchayati Raj, Department of Science &

Technology (DST), Ministry of Civil Aviation (MoCA), Survey of India (SoI), National Informatics Centre (NIC).

This new functionality will help in wider outreach and transparency of the scheme. With the involvement of Elected Representatives (ER) it will provide confidence among the masses about scheme implementation.

SVAMITVA, a Central Sector Scheme of Ministry of Panchayati Raj was nationally launched by the Prime Minister on National Panchayati Raj Day, 24th

April 2021 after successful completion of pilot phase of scheme in 9 states. The scheme aims to provide the 'record of rights' to village household owners in rural Abadi areas and issuance of Property cards.

The Scheme is being implemented across the country in a phased manner over a period of five years (2020-2025) and would eventually cover all villages across the country by 2025. Scheme is achieving different milestone in its journey of saturating the scheme across the country, so far

drone flying has been saturated in 108 districts across various States and Union Territories with many more on the verge of completion.

The Scheme has proved to become crucial in the development of the Rural India. SVAMITVA provides Record of rights to the individuals against their property which can be used as financial asset for taking loans and other benefits. With the use of Modern Technology this scheme is being carried out to further benefit millions of rural property owners.

## Regional Research Institute of Unani Medicine in Srinagar to be developed as Centre of Excellence: Sarbananda Sonowal

Chennai, March 11 2022: The Union Minister of Ayush and Ports, Shipping & Waterways Shri Sarbananda Sonowal inaugurated the International Conference on "Diet and Nutrition in Unani Medicine for Good health & well-being" in Srinagar today. On this occasion, the Minister announced that the Regional Research Institute of Unani Medicine will be developed as a Centre of Excellence. The MoS for Ayush and WCD Dr Munjpara Mahendrabhai also attended the conference.



Medicine and this document will address the aspects like training requirements for good-quality Unani medicine services.

The inaugural session witnessed release of conference souvenir and eight books published by the CCRUM, release of two Unani e-books developed by National Institute of Indian Medical Heritage functioning under CCRAS at Hyderabad, distribution of YCB certificates to felicitate yoga instructors, exchange of Yoga MoU and live yoga performance, release of CCRUM Apps and presentation of NABH Accreditation Certificate to RRIUM Srinagar. With the launch of mobile apps on Single Unani Drugs, Unani treatment guidelines and know your temperament application, the Union Minister was appreciated all stakeholders as it was

first of its kind initiative of CCRUM, Ministry of Ayush in the field of Unani Medicine.

In his address, Dr Munjpara Mahendrabhai said that Unani Medicine provides detail guidelines for healthy food habits to maintain health and prevent diseases. He lauded the role of Ayush system in immunity enhancement through drugs and medicinal foods and fighting against COVID-19. He also appreciated the contributions of CCRUM in research and development in Unani Medicine.

The titles of the CCRUM books released are 'Orientation Guidelines for Community Health Officers (Under Unani Stream)', 'Anti-arthritis Plants in Unani Medicine', 'Hepatoprotective Plants in Unani Medicine',

'Glimpses of Activities and Achievements of Central Council for Research in Unani Medicine', 'Advanced Analytical Methods for Quality Control of Unani Drugs - Araqiyat (Distillates)', 'Riyad al-Adwiya (Urdu translation)', 'Adwiya Kabidiyya: Qadeem-o-Jadeed Tahqiqat ki Raushni mein', 'National Formulary of Unani Medicine, Vol. IV, 2nd Edition'.

Shri Pramod Kumar Pathak, Special Secretary, Ministry of Ayush, Shri Vivek Bhardwaj, Additional Chief Secretary, Health & Medical Education Department, J&K, Vaidya Jayant Deopujari, Chairman, National Commission for India System of Medicine, Prof. Talat Ahmad, Vice Chancellor, University of Kashmir, Prof. Akbar Masood, Vice Chancellor, Baba Ghulam Shah Badshah University, Prof. Asim Ali Khan, Director General, Central Council for Research in Unani Medicine (CCRUM) and Dr. M. A. Qasmi, Adviser (Unani), Ministry of Ayush also graced the conference organized by the CCRUM, Ministry of Ayush, Government of India as part of Unani Day 2022 celebrations on March 10-11, 2022 in hybrid mode.

## SAINT-GOBAIN UNVEILS 3 FACILITIES AT ITS WORLD GLASS COMPLEX, SRIPERUMBUDUR WITH AN INVESTMENT OF OVER INR 500 CRS

### (1) Float Glass Plant (2) Integrated Windows Line (3) Saint-Gobain SIPCOT Urban Forest TO BOOST TAMIL NADU GOVERNMENT'S VISION OF \$1 TRILLION ECONOMY, HOUSING AND GREEN TAMIL NADU MISSION.

Chennai, March 11 2022: Chief Minister of Tamil Nadu, Thiru. M.K.Stalin, inaugurated today - Float Glass Plant, an Integrated Windows Line and Saint-Gobain SIPCOT Urban Forest at Saint-Gobain's World Glass Complex at Sriperumbudur, in the presence of Mr. Benoit Bazin, CEO of Compagnie de Saint-Gobain and Mr. B. Santhanam, CEO, Asia Pacific & India Region, Saint-Gobain.



Having invested in Tamil Nadu for over 2 decades, Saint-Gobain is giving a thrust to the Tamil Nadu Government's Vision of \$1 Tn Economy, Housing and Green Tamil Nadu Mission.

Set up with an investment in excess of INR 500 Crs, these facilities will provide employment to over 200 people and take the cumulative investment in the World Glass Complex to more than INR 3750 Crs. Globally, the World Glass Complex at Sriperumbudur, continues to be the group's single largest investment destination.

Investments at World Glass Complex, Sriperumbudur

Float Glass Plant  
 The then Honourable Chief Minister M. Karunanidhi laid the foundation stone of the first Float Glass Plant in January 1998 and inaugurated it in September 2000, catalyzing the growth of the Saint-Gobain group in India. Today, the plant has an expanded production capacity of 130% with a revolutionary design that will result in reducing the unit energy consumption by 20%. This Float Glass Plant Showcases Capacity, Capability, Technology and state-of-the-art Industry 4.0 features. Reflecting the group's vision of being the reference for Light and Sustainable Construction, this plant will meet the emerging needs of Architectural, Automotive (including Electric Vehicles) and Solar applications, furthering the \$1 Tn economy vision laid out by the Hon'ble Chief Minister of Tamil Nadu, Thiru. M. K. Stalin.

Fully Integrated Windows Line

The Integrated Windows Line at the World Glass Complex is the World's first and Asia's largest fully integrated facility. Spread over 10,000 sqm, it will have an annual production capability of 100,000 windows by the end of 2022. The fully digitized and completely automated plant is backed by best-in-class innovation, research and testing to deliver the largest portfolio of UPVC Window products focusing on the evolving needs of Acoustics, Solar/Thermal Comfort and Security. This integrated windows line is well-aligned with Tamil Nadu Government's thrust on Housing.

Saint-Gobain SIPCOT Urban Forest

Reiterating Saint-Gobain's goal of carbon neutrality by 2050 and preserving the natural resources, the creation of Saint-Gobain - SIPCOT Urban Forest at Sriperumbudur demonstrates the Group's commitment to biodiversity. Urban forests play an important role in the ecology of human habitats in many ways; providing cleaner air, conserving water table, recharging soil and providing shelter to fauna.

Close to 60,000 trees spanning over 40 resilient native species have been planted over an area of 300,000 sqft at this urban forest. Aply supported by SIPCOT, this unique initiative will give rise to more such public-private

Glass Complex continues to be a shining example of the faith that we have in India and in the state of Tamil Nadu".

Mr. B Santhanam, CEO, Saint-Gobain Asia Pacific & India Region said "Tamil Nadu is the most urbanized state in India today, focusing on Housing, Construction & Infrastructure. This opens up huge opportunities for us as we are a leader in Light & Sustainable Construction and are well-placed to provide building solutions that combine performance and sustainability. With investments close to INR 4700 Crs in Tamil Nadu across 15 plants in four locations, consistently exceeding the MOU investment commitments made to Tamil Nadu Government, we are well-poised to support the Government's growth ambition."

Mr. A R Unnikrishnan, Managing Director, Saint-Gobain India Private Limited-Glass Business said - "In the flat glass industry over the last two decades, Saint-Gobain has consistently invested in People, Processes, Technology and Innovation. Today, with 5 plants, we have over 50% of India's float glass manufacturing capacity. 60% of our float glass investments are in Tamil Nadu in the World Glass Complex, a unique location anywhere in the world, which manufactures the entire range of products comprising Clear Glass, Tinted Glass, Mirrors, Solar Control Glass, Lacquered Glass, Advanced Glass (Insulated, Toughened and Laminated) and Security Glass (Fire-safe, Bullet and Blast Resistant). The World Glass Complex is also an export house that accounts for over 90% of value-added flat glass exports from India. The Float Glass Plant and Integrated Windows Line that are being inaugurated

today, will further enhance our capacity and capability to deliver world-class products & solutions. We are thankful to SIPCOT for joining hands with us in setting up the Urban Forest to expand the Green cover of the state and showcasing this unique public-private partnership.

**இ-சேவை மையம்**  
 ஸ்டார் ரெயின்போ சர்வீசஸ்  
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**ALL ONLINE SERVICES**

## Sharp celebrates 100 million product units sold worldwide equipped with Plasmacluster Ion technology

Chennai, March 11 2022: Sharp, Business Systems (India) Pvt. Ltd, a wholly owned Indian subsidiary of Sharp Corporation Japan, today announced a global milestone, with products carrying the unique Plasmacluster™ sold more than 100 million units worldwide. Since the introduction in the year 2000 of the first air purifiers equipped with Plasmacluster™ ion technology, Sharp's proprietary air purification technology finds usage across a variety of products and a wide range of industries.

Commenting on the achievement, Shinji Minatogawa, Managing Director, SHARP Business Systems (India) Pvt. Ltd said, "With rising respiratory infections in India, people are now exploring alternative solutions to medication. This is where Sharp Plasmacluster Technology comes in. With over 35 Global certifications and over 10 Crore units sold, Plasmacluster has emerged as one of the most safe and effective Air Cleaning Solution for

a variety of indoor spaces. As we continue our commitments towards health and safety through award winning and safe technologies, we recognize the importance of policies for prevention of air pollution related diseases - a big step towards a healthier community & nation. The change must begin from our homes".

"In India, we have introduced a series of products equipped with Plasmacluster technology to that not just make our customer's life Healthy, but also aid in improving work life balance. We are thankful to our users and partners for their support and trust in our products over the years, and we will continue in our pursuit for making innovations that keeps the air clean for everyone", he added.

Over the years, Plasmacluster devices have evolved in effectiveness as Sharp has made them more and more compact and given them the capability to generate increasingly higher concentrations of ions. Sharp has 23

products currently equipped with Plasmacluster Ion Technology, including air purifiers, air conditioners, refrigerators. In addition, this technology is utilized globally in an ever-broadening array of interior spaces, including inside vehicles, railway passenger cars, and elevators. Further, Sharp Plasmacluster technology has also witnessed a steady increase in popularity, spreading into other industry segments, including Healthcare, Industrial Machinery, Auto, Housing, and Energy. Sharp aims to achieve the milestone of 200 million global sales of PCI technology products by FY2030.

Sharp AIoT Air Purifier intelligently controls and monitors the air quality with Sharp Air apps. In addition, Sharp Plasmacluster Ions help to eliminate 99% of airborne bacteria and 97% of airborne mold in the Sharp refrigerator. It releases highly concentrated positive and negative ions into the refrigerator

compartments, preventing food contamination and keeping them fresh longer. Besides, Plasmacluster ions in Sharp Air Purifier create children's clean, comfortable environment.

To demonstrate the efficacy of Plasmacluster Ion technology, Sharp has taken the lead in the industry in promoting "academic marketing," a collaborative research approach to product marketing that works with independent scientific research organizations worldwide. Plasmacluster technology is tested and certified by over 35 laboratories worldwide, including IIT Delhi, Harvard School of Public Health, and Nagasaki University.

Sharp continues to assess the global market and strives to contribute to society by offering a series of new products equipped with Plasmacluster Ion technology intended to create a healthier environment.

## Lyricist Vairamuthu appreciates newcomer Deepshika

Chennai, March 11 2022: Actress Deepshika who got introduced by Vijay movie director is flooded with appreciations Actress Deepshika signs 5 movies even before her debut film release Tamil cinema is consistently witnessing the arrival of at least 50 new actresses every year. However, very few among them manage to retain this opportunity and make use of it efficiently, thereby elevating their career graph. Nonetheless, there are few actresses, who steal the spotlights even before the release of their debut movie but getting signed in many projects. Actress Deepshika is the latest one to join this league. It's been a written theory that women from Tamil Nadu hardly opt for acting career. Even if they attempt to make it bigger, the scenario is always unfavorable to them, and they bid adieu to this showbiz journey. In contrast, Deepshika has broken this myth by signing 3 Tamil movies and 3 Telugu movies in a single year. She is simultaneously working in this half dozen projects, which has surprised the entire movie industry. What's so intriguing is lyricist Vairamuthu himself appreciating the great effort personally by calling her on phone. Born and brought up in



Vairamuthu has penned the lyrics based on the metaphorical comparison of a woman's physique with nature. The song is directed by Bharath of Thalapathy Vijay starrer Bairavaa fame. After completing the shooting, Deepshika actually forgot this project, and was struck by heavy surprise, when she had Kaviperarasu Vairamuthu calling her up on phone and appreciating her fabulous performance. This became an unbelievable moment for Deepshika. She says, "I was walking out of the theaters after watching Maanadu, where I received a call from unknown number. Vairamuthu sir introduced himself by his name, and I was frozen in complete astonishment, and was doubtful if someone is playing prank on me...But later, I realized it's the legend himself, and I was speechless for minutes. He appreciated me stating that I have breathed soul into the song of Kesaathi Paadham song, by exhibiting my earnest performance. He wished me stating that I would scale great heights in Tamil cinema. I was spellbound over his humble gesture of appreciating me. I am very much elated that my work is recognised and applauded by a great legend like Vairamuthu sir."

Chennai, Deepshika had the red carpets from film industry spread out for her even before she wanted to knock the doors. Director Panneer Selvam of Renigunta and Karuppan fame was looking out for a perfect actress for his project, and he came across the spellbinding performance of Deepshika during the auditions. She has now completed shooting for this project and her characterization is more like a vigorous and lively like a butterfly. Apart from this movie, she is currently shooting for a movie starring Vikram Prabhu in the lead role. The film is produced by Potential Studios, one of the prestigious production houses of Tamil cinema that had churned out emblematic movies like Maaya, Maanagaram and many movies. She appears in a character that encapsulates surprise and twist elements together. Apart from working in Tamil movies, she is simultaneously working

in Telugu movies as well. One among them is a movie of great expectations, which is bankrolled by a leading production house. Having completed the foreign schedule, she is currently shooting for new schedule in Hyderabad. It is an emotional romantic drama, and is shaping up elegantly. Furthermore, Deepshika has played the female lead opposite Telugu actor Naveen Chandra, and has already completed shooting her portions. Her Telugu project is in active status and she keeps her fingers crossed for the success of these movies. While her calendars are busy with movie projects, she was signed to be a part of Kaviperarasu Vairamuthu's remarkable album of Naatpadu Theral album. Each song from this album is directed by eminent filmmakers of the industry. Deepshika has played a dance teacher role in one of the songs from this album titled Kesaathi Paadham.

## In a First in Chennai, Non-Invasive Leadless Pacemaker implanted in a 60-year-old at Fortis Hospital Malar

Chennai, March 11 2022: The cardiac team headed by Dr. Babu Ezhumalai at Fortis Malar Hospital, Adyar have successfully implanted the first dual-chamber leadless permanent pacemaker through a non-surgical procedure in two elderly patients. Timely treatment by the expert doctor provided a new lease of life to the 60-year-old patient who was suddenly diagnosed with cardiac issues and was suffering from other comorbidities such as COVID pneumonia, diabetes, hypertension, renal failure and had been on dialysis too.

The 60-year-old patient was brought to Fortis Malar Hospital at Adyar in a critical condition with heart attack and low heart rate. He was also suffering from renal failure and was diagnosed COVID positive too. Since the patient has also been under dialysis the expert team had to identify a solution that would not affect the ongoing dialysis process. They concluded for a dual-chamber leadless pacemaker that can be implanted to the patient during dialysis and on blood thinner medication. The patient was briefed on the benefits of a leadless pacemaker over the conventional pacemaker with lead. The medical



team led by Dr. Babu Ezhumalai implanted the dual chamber leadless pacemaker through a non-surgical procedure successfully.

The second case was that of a 92-year-old man who was implanted with dual chamber leadless permanent pacemaker. The patient was presented with very low heart rate of 33 beats per minute and episodes of fainting. The implantation procedure lasted for approximately 30 minutes; he became ambulant and got discharged 24 hours after the procedure. He is now able to carry out his daily tasks smoothly. In addition to dual chamber leadless pacemakers, many single chamber leadless pacemakers (Micra VR) have been implanted by Dr. Babu Ezhumalai at Fortis Malar Hospital since 2019. The youngest person to undergo single chamber leadless permanent pacemaker procedure was a young lady at 31 years of

age with complex congenital heart disease.

Speaking about the procedure Dr. Babu Ezhumalai, Senior Consultant, Interventional Cardiologist, Fortis Malar said "Both the cases were challenging, considering the age and comorbidities of the patients. The advantage of using a leadless pacemaker over the conventional pacemaker is that it can be implanted without stopping the blood thinner medication. The lead in conventional pacemaker passes through venous blood vessel drainage pathway of the upper limbs. In the long run, this venous pathway can get blocked which may cause devastating effects in patients with chronic kidney diseases undergoing dialysis.

Leadless pacemaker is a boon for kidney patients as their veins can be kept patent lifelong for dialysis. The major advantage of dual-chamber over single

chamber pacemaker is that this technology can control the heart rate during pacing, minimal antibiotic usage. The best advantage of implanting a leadless pacemaker is that it reduces the hospital stay, the patients can return home within 24 hours of the procedure, long pacemaker lifetime, There is no need of another surgery to replace the pacemaker if it fails, additionally the chances of surgical site infections are also very limited."

Commenting on the success of the surgery, Mr. R Chandrasekar, Facility Director, Fortis Malar Hospital, said, "The dual-chamber leadless pacemaker technology is beneficial for patients who are already on dialysis and blood thinner medication. It helps the patient alleviate the worries about long stay at the hospital after major operation. Once the surgery is completed, they also return to normal life much quicker, than other conventional procedures. I would also like to congratulate Dr. Babu Ezhumalai and the multidisciplinary team of medical experts, infection control team, anesthetists, dieticians, and nurses who worked in close coordination to achieve yet another clinical milestone."

## On International Women's Day launched Ms food planet "Origin of Healthy foods" by Bindu Alexander at OMR

Chennai, March 11 2022: Bindu Alexander, Founder and Managing Director of Ms food planet announced their healthy premium café / restaurant opened its doors around 4.00 am at No.284, OMR Kandanchavadi, Chennai - 600096.

"Following years of blood, sweat and tears, Miss. Bindu Alexander have finally made her dream day" on International Women's Day i.e., 8th March 2022 realized her dreams of opening a healthy restaurant in the IT Corridor of Chennai, OMR.

"Starting any restaurant food chain isn't



easy", but introducing a very healthy and traditional menu first of its kind after done complete research where no such restaurant chain has ever existed before is quite a challenge. "To beat the hunger of audience who really in search of healthy foods in the market for so long".

Ms food planet understands the normal human lifecycle period was 100+ and we waded the path of achieving those numbers again. Also, Msfoodplanet offers a complete healthy and variety of foods that never exist in Chennai modern restaurants. Say different varieties of tea, Kambu

Koozh, Keppa Koozh, Murungakeerai Dosa, Sola nattukozhi soru, Ragi sandhavam, Sathu maavu urundai, vazhaipazha halwa and even more finger licking traditional foods.

Msfoodplanet team challenges, the offerings made by them can be taken for 365 days and healthier than their customers home made foods.

So, your favorite Msfoodplanet will open from March 8th, 2022 Specially on International Women's Day to serve and offer a healthier food menu to public from 4am.

Timing of the Restaurant: Morning 4.00 am to 11.00 pm

## Obesity and Mental Stability A Complex Relationship

Chennai, March 11 2022: Body Image is considered as a huge player in today's world. Especially, many people calculate their worth based on their external appearances and body weight. With more than one-third population of developing and well developed countries are identified under the obese categories due to various factors which mainly includes due to sedentary lifestyle, lack of exercise leading to various health complications such as Diabetes, Depression,

Obesity. A broad spectrum of factors can play an important factor for contributing to obesity and mental illness leading to result of poor self-esteem in an individual and its considered as quite complex. Regardless, dietary factor can improve the quality of life for obese individuals and also helps to reduce the weight gain and stabilize mental health when taken with proper expert opinion.



**Dr. Aravindha Babu, MDS, FICD (USA), Professor in Oral Pathology & Assistant Director of Centre of Oral Cancer Research, Sree Balaji Dental College and Hospital, Pallikaranai, Chennai and Dr. Jayalitha S (PhD in Biotechnology) works for an MNC in India.**



