



Plastic Tomorrow

Bi-Monthly Magazine, Bi-Language English & Gujarati Plastic Industry Periodical

Editor: Dinesh J Shah, Vadodara, Gujarat, Bharat | Mob.: +91 9327 344 559 | 9426 334 455 | Email: plastic tomorrow@gmail.com | Page: 52



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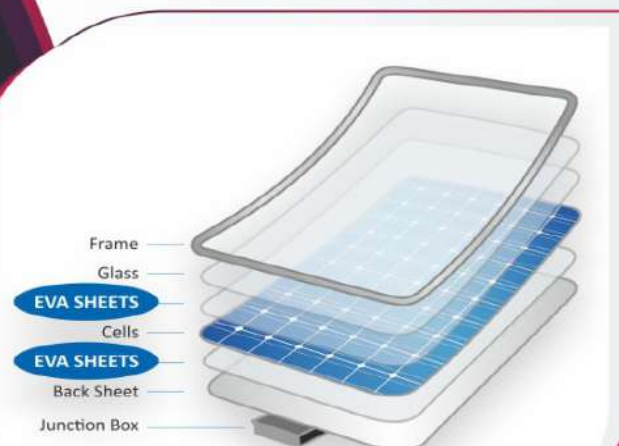
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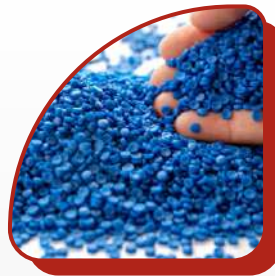


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Harpal Singh
Chairman

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Mr. Bhupat Shah
Partner
Pep-Cee pack Industries
stretch@pepcceepack.com



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Anupam Agarwal
Director
Tirupathi Hydrocarbon Private Limited
tirupaticchemicalsmail@yahoo.com

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TECH TALK



Sameer Joshi (Ph. D)

joshisameera@gmail.com



Sarang Ambadkar

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Mayur Shah

kankuenterprise@hotmail.com
mayur@polysolutions.in

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Cell : +91 9879020330 (Pinkal Shah)
Email : info@meeraplasticchem.com
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Publisher & Chief Editor:

Dinesh j Shah

Marketing Team:

B V Shah

V K Mehta

Dilip Patel

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Dinesh Shah

303 - Sunsilk Apartment,

B/H. Dinesh Mill, Patel Colony,

Nr. Verai Mataji Temple,

Vadodara - 390 007, Gujarat, Bharat.

Contact:

+91 9327 344 559 | 9426 334 455

Mail:

plasticudyog@gmail.com

plastictomorrow@gmail.com

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Dinesh j Shah

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PLASTIVISION INDIA 2023

An Exhibit Showcase of Another Order With Technologies, Raw Materials, Services and More



Harpal Singh

Chairman,
PLASTIVISION INDIA 2023

PLASTIVISION INDIA 2023 brings something special for every participant this edition. Apart from great business opportunities, the exhibition will also present great hospitality, global exposure and increased promotional opportunities. We are making every effort possible to ensure that this show is a success.

This year's **PLASTIVISION** is going to offer a completely unique and first-of-its-kind experience to the visitors. Several major industry players have already confirmed their presence and will be showcasing novelty in machines and technologies besides launching products that will help the market grow, add value to the processors and help the industry achieve its sustainability and recycling agenda.

In addition, this year's exhibition will feature a significant and influential presence of raw material manufacturers, offering participants a single platform to engage with major players like Reliance (RIL), IOCL, HMEL, GAIL and more.

Adding another dimension, startups will also be in attendance in big numbers, showcasing their innovations and offerings...showing you tomorrow, today! A dedicated area is demarcated to provide guidance on Extended Producer Responsibility (EPR) and will address issues that companies are facing in its execution. Furthermore, the exhibition will offer a plethora of on-ground promotional activities for all industry stakeholders.

Enthusiastic Participation Guaranteed

The Indian plastics industry is experiencing remarkable growth, and **PLASTIVISION INDIA 2023** presents an unparalleled opportunity for you to highlight your strengths and engage with decision-makers in the industry.

To achieve this, and to ensure the widest possible reach, the team at **PLASTIVISION INDIA 2023** is committed to hosting numerous road shows throughout India. If events, held in Cochin, Rajkot, Nashik and more are any indication, then the overwhelmingly positive response from industry professionals augur well and indicate the immense success that the exhibition will achieve this coming December! This enthusiastic reception underscores the industry's excitement about the confidence the industry has in **PLASTIVISION INDIA 2023**. It serves as a strong barometer of the exhibition's anticipated success.

Working Towards a Global Flavour

We are also putting forth every conceivable effort to unite the global community, aiming to gather them under one roof. Our goal is to surpass the previous benchmarks set by this exhibition and establish a new standard that the industry can take immense pride in.

Thought Leadership

Every exhibition of this scale attracts people in huge numbers, who spend a lot of time at the venue. Keeping that in mind, we have made some special arrangements for food and beverages. The NESCO Centre has its own food court and restaurants at the venue. We have arranged things in such a way that there will be a food court within every hall and people will be able to book their meals in advance, which will be delivered to them at their stalls.

That apart, we have also arranged for ready-to-eat snacks to avoid waiting time for the participants. To extend our support and service to everyone associated with the exhibition, we will also be putting up a snack and tea stall in the parking area so that the chauffeurs have affordable and good-quality refreshments available at the venue itself.

The exhibition will also offer a lot beyond work and business. There will be a separate space for the participants to relax and unwind every evening. We have planned special entertainment each evening within the fairgrounds while having access to the sumptuous food options that Mumbai has to offer to sit and enjoy the food while soaking in the cool December weather of Mumbai.

Starting into a PTFE-free future - with a new texturing agent for powder coatings



Clariant is committed to bringing solutions to market that improve the overall health and well-being of society. In line with that commitment, Clariant has developed Ceridust® 8170M; a PTFE-free alternative texturing agent for powder coatings that delivers performance without the negative aspects of PTFE.

Our innovation journey begins with the customer in mind. This sums up the approach of the new Coatings Innovation Center in the Charlotte metro area. It is about addressing the challenges faced by North American formulators in the paints and coatings industry. Completed in late 2023, this new innovation center was designed to enable us to work collaboratively with our customers all along the value chain. It is equipped with state-of-the-art technology including a spray booth and accelerated weathering chambers. With this, Clariant is able to test every performance detail of new formulations from scrub, sag and leveling to color acceptance. This new lab will also be able to support compliance with regulatory and sustainability specific requirements. In this way, Clariant is supporting our customers with high-performing products and solutions that can accelerate their success and meet the changing needs of the market.

Powder coating without PTFE

We all know about the convenience of how nothing sticks to coated pans. In fact, this anti-adhesive material was not, as many assume, discovered in space research but is a substance called PTFE. PTFE was developed in 1938 by Dr. Roy Plunkett, an employee of the chemical company, DuPont. But still, it did find its way into space later - as insulation material for cables, such as in the Apollo missions.

PTFE's unique properties have enabled its growth into many other areas, such as powder coatings. Thus, when it comes to decorating and protecting a window frame, a fence or a bike, a PTFE-containing powder coating was – up to now – the go-to-choice. PTFE can enhance the scratch resistance and slip performance or act as a texturizing additive, providing powder coatings with the right consistency and stability for many applications.

However, there are increasing concerns about PTFE's impact on human health & the environment, leading to the consequential legislative action to potentially restrict its use. This has resulted in a call for more eco-friendly and PTFE-free alternatives. Furthermore, if the restrictive policies of EU regulators prevail, PTFE-free solutions will soon become a significant business imperative.

Best of both ideas – answering to the needs of the market

To address this challenge, we've innovated a PTFE-free texturing agent: Ceridust 8170 M. Ceridust 8170 M combines two ideas that have, until now, only existed separately: the texturing qualities of PTFE and the environmental benefits of a PTFE-free alternative. Ceridust 8170 M has the added benefit of reduced energy consumption as part of the powder coating extrusion process. Furthermore, Ceridust 8170 M is compliant with the EU law REACH (Regulation on the registration, evaluation, authorization, and restriction of chemicals) and is not only PTFE- but also PFAS-free.

We are looking forward to providing this pioneering product to our customers in the powder coatings industry, whether for industrial coatings or in the building and construction area. When it comes to innovation, Ceridust 8170 M confirms our position as frontrunners for PTFE-free products. We understand the urgent need for change and are proud to be leading the way with PTFE-free solutions.

To learn more about how Clariant helps foster sustainability with Ceridust 8170M and its portfolio of solutions across the field of coatings and inks, visit us at Chinacoat 2023, hall E4 booth A01.

What PTFE means and what it is used for

PTFE, short for polytetrafluoroethylene, is a fluoropolymer within the PFAS group of chemicals. It is extremely nonpolar, with electrons evenly distributed along the polymer chain, giving it its distinct non-stick, high durable properties – much like those found in the well-known PTFE-coated pans but on the other hand results in the unpleasant property of being persistent in the environment. PFAS, on the other hand, stands for "per- and polyfluoroalkyl substances," encompassing a vast group of chemical compounds present in hundreds of everyday products, ranging from waterproof clothing and coffee cups to, of course, pans.

The issue with PFAS lies in their persistence and their ability to endure in the environment for a very long time: their degradation can take up to 100 years. Additionally, some PFAS substances are known to be toxic and can be linked to various health concerns.

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BSH selects light blocking ABS material from ELIX Polymers for washing machine control panels



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BSH Home Appliances has selected light blocking ABS grade from ELIX Polymers for the lightwell part behind the control panel of their latest washing machines. ELIX Polymers has developed a tailor-made light-blocking ABS to ensure precise illumination and controlled light with no leakage into neighbouring chambers. A washing machine's control panel is an important part of the design and functionality of such appliances and is used in daily life in many households.

There have been good results thanks to a close technical cooperation between BSH and ELIX Polymers technical departments. Weight reductions and important cost reductions have been achieved as the ELIX ABS has a lower density compared to the previously used resin and very low wall thicknesses of just 0.5 mm have been achieved. Furthermore, the light blocking capabilities have been improved. For ELIX Polymers it is very important to offer the best-in-class technical service to their customers from the beginning of a project. From the selection of materials, regulatory support, colour development and part injection simulation to adjusting the injection moulding parameters at the customer's production facility.

ELIX Polymers light blocking materials can be based on ABS, high-heat ABS, ABS/PC and also PC/ABS. They combine low transmission values and a high light reflection at very thin wall thicknesses thanks to its special material formulations and high flow. These materials are used in many other user-interface applications in the appliances sector such as dishwashers and coffee machines to improve the illumination quality and give high quality appearance to the final consumer. Applications in the automotive sector are light guides, LED reflectors and button back panels.

For More Information | www.elix-polymers.com

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Malvern Panalytical expands semiconductor metrology range with key technology acquisitions

Accelerating global manufacturing processes through targeted XRD techniques



Malvern Panalytical, a leading analytical instrumentation supplier, today announces it has acquired the product line for six X-ray diffraction (XRD) products from Freiberg Instruments GmbH. The acquisition supports Malvern Panalytical's growth strategy, advancing its portfolio of market-leading analytical solutions for the semiconductor industry.

Semiconductor manufacturing increasingly relies on a variety of crystalline substrate materials, which are required to create thin wafers. As production processes become more advanced, and production volumes continue to grow, these wafers need to be produced quickly and efficiently, and precise crystal orientation and offcut angles are increasingly important. The acquired XRD systems allow rapid orientation of ingots and wafers, accelerating and simplifying the preparation of semiconductor substrates before epitaxy or lithography. This enhances yield, minimizes waste and reduces costs which supports our customers' sustainability ambitions.

Lars Grieger, Business Development Manager of Semiconductor Metrology at Malvern Panalytical, said: "The addition of these specialized products to our analytical portfolio enables innovative crystal orientation control. When combined with Malvern Panalytical's global presence and expertise, this provides a significant boost to the semiconductor wafer industry. This is a hugely exciting time for Malvern Panalytical, and we are looking forward to help realize the future of semiconductor metrology for our customers."

Kay Dornich, CEO/Owner, Freiberg Instruments GmbH, said: "Our XRD solutions, with their ultra-fast Omega Scan technology, have consistently demonstrated their value to semiconductor manufacturers. Their speed, robustness, and reliability make them an excellent addition to Malvern Panalytical's portfolio and I'm excited to see these unique technologies made available to customers across the globe. At Freiberg Instruments, we will continue to support our existing customers and maintain our offering of specialized solutions, including those for automated workflows, which complement Malvern Panalytical's newly acquired X-ray diffraction instruments."



Mark Fleiner, President, Malvern Panalytical, added: "We're incredibly dedicated to delivering exceptional, cutting-edge solutions to our customers across every industry we operate in. The acquisition of these six X-ray diffraction instruments from Freiberg Instruments GmbH underpins our commitment to our semiconductor customers and demonstrates our desire to become the chosen instrument supplier within this exciting area of analysis."

"We believe in unleashing the power of small things to make big things happen, and we are looking forward to working with our partners and customers to further shape the world of semiconductor analysis."

More information about these instruments can be found on our website.

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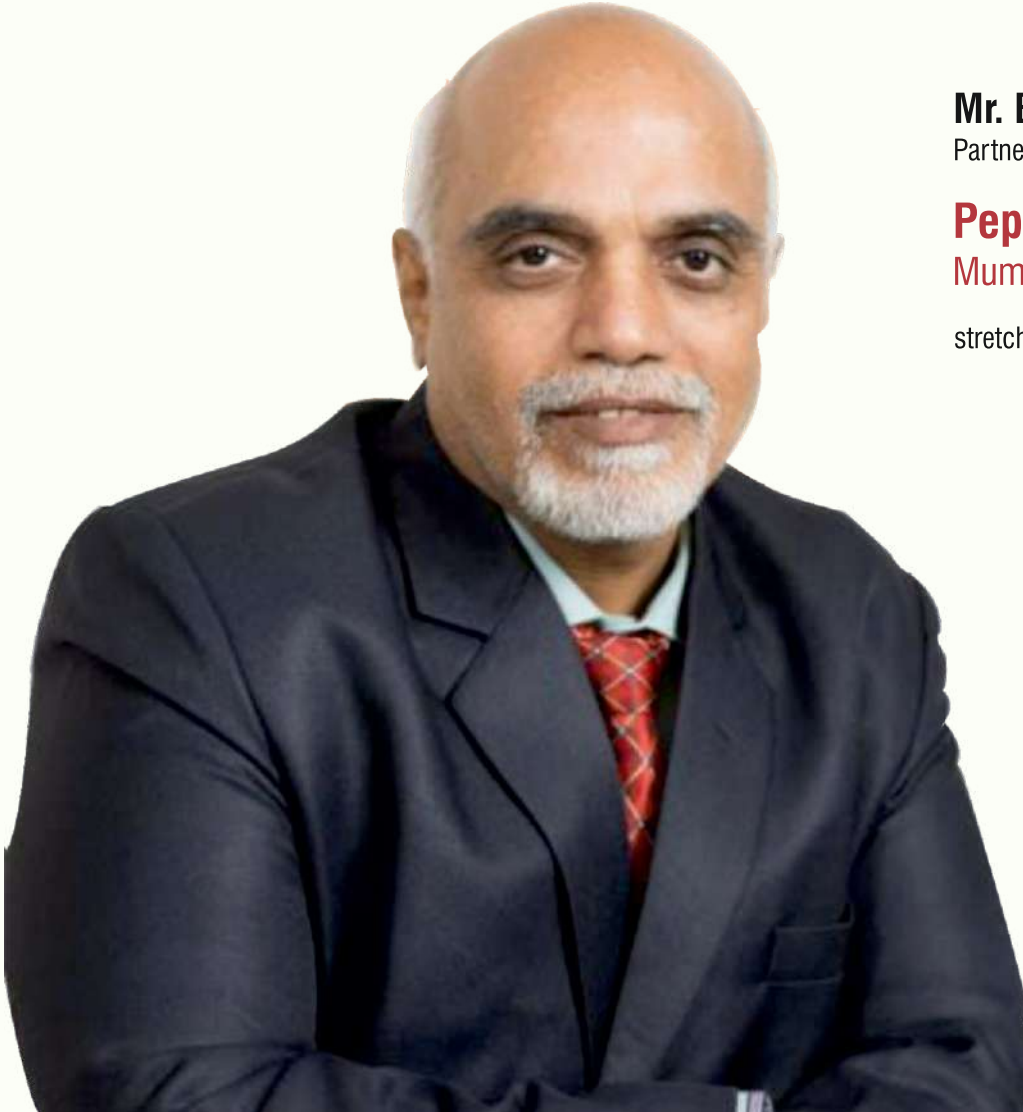
An Exclusive Interview With

Mr. Bhupat Shah

Partner

Pep-Cee pack Industries
Mumbai

stretch@pepceepack.com



Company Profile

Pepceepack Industries is a leading provider of plastic packaging solutions, specializing in a wide range of products including LDPE liner bags, stretch film, shrink film, and pallet covers. Committed to quality and sustainability, we offer innovative and customized packaging solutions to meet the diverse needs of our clients.



Starting a Plastic Packaging Industry

Starting a plastic packaging industry requires thorough market research, investment in state-of-the-art machinery, adherence to regulatory standards, and a commitment to environmental sustainability. Building strong relationships with suppliers and clients is also crucial.



Focus on Plastic Packaging Industry

Our focus lies in providing customized plastic packaging solutions to meet the diverse needs of our clients. We prioritize research and development to stay ahead of industry trends and offer innovative packaging designs.



Challenges in Plastic Packaging Solutions

Challenges in plastic packaging solutions include addressing environmental concerns, optimizing recyclability, reducing plastic waste, and staying compliant with evolving regulations while ensuring cost-effectiveness and product protection.



Future Plans for Customers

We are dedicated to enhancing customer experience by investing in cutting-edge technologies, expanding our product range, and providing excellent customer service. We aim to offer more sustainable packaging options to align with our clients' eco-conscious goals.



Emerging Technologies in Plastic Packaging Industry

We anticipate technologies such as smart packaging, biodegradable plastics, and advanced recycling methods to become increasingly important. These innovations align with our commitment to sustainability and meeting market demands.



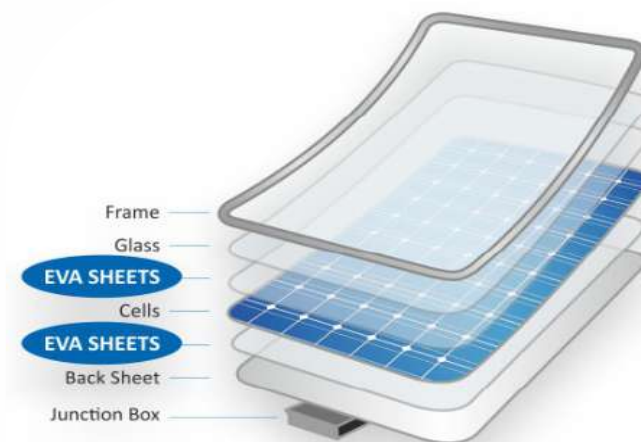
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Indian Market Trends

The Indian market for plastic packaging has witnessed significant growth due to rising consumer demands and industrial expansion. We are strategically positioned to cater to this growing market, offering high-quality and sustainable packaging solutions.

Special Offers for Customers

We provide customized packaging solutions tailored to our clients' needs. Additionally, we offer bulk discounts, timely delivery, and excellent after-sales support to ensure customer satisfaction and loyalty.

Target Goals

Our primary goal is to become a market leader in sustainable plastic packaging solutions. We aim to expand our client base, enhance our product offerings, and contribute positively to the environment through eco-friendly practices.

Government Policy on Thickness (Micron)

We adhere strictly to government regulations regarding thickness (micron) for plastic packaging. Compliance with these policies is integral to our operations, ensuring that our products meet the required standards and regulations.

Feel free to customize these answers according to the specific details and achievements of Pepceepack Industries.

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Company Profile

Tirupathi Hydrocarbon Private Limited is a stalwart in the field of Manufacturing and Trading, founded in 1984 by our visionary chairman Sri. Mahabir Prasad Agarwal in Bangalore. We specialize in the production of Calcium Filler and Talcum-based Filler Masterbatches, as well as a wide range of waxes, including Slack wax, Residue wax, Paraffin wax, and other specialty waxes. Our diverse product offerings cater to various industries and have earned us a reputation for excellence and reliability.

We have branches located in Bangalore, Hosur, Coimbatore, Sattur, Sivakasi, and Vijaywada. Our products are manufactured using the latest technological advancements and market trends to maintain our competitive edge. We are committed to maintaining the highest standards of quality and reliability in all our operations.

At Tirupathi Hydrocarbon Private Limited, we are constantly adapting to the latest technological advancements and market trends to maintain our competitive edge. Our products have garnered positive feedback in global markets, and we are committed to building strategic partnerships and enhancing our global presence.

A Legacy of Excellence Tirupathi Hydrocarbon Private Limited, under the leadership of Chairman Sri. Mahabir Prasad Agarwal is a stalwart in the field of manufacturing and trading. With a diverse product portfolio that includes Calcium Filler, Talcum-based Filler Masterbatches, Slack wax, Residue wax, Paraffin wax, and specialty waxes, the company has earned a reputation for excellence and reliability. Supported by a team of expert professionals, Tirupathi Hydrocarbon has rapidly gained the trust of customers, delivering quality and reliability in a competitive market.

Pioneering Petrochemicals and Waxes Tirupathi Hydrocarbon operates in the dynamic and ever-evolving realm of petrochemicals and waxes. Their unwavering commitment to quality and forward-thinking approach has positioned them as a driving force in the industry. By adapting to the latest technological advancements and market trends, they maintain a competitive edge that sets them apart.

A Bright Future Growing middle-class population and rising consumer demand are driving growth in India's plastic industry. The 'Make in India' initiative by the government presents significant opportunities for growth and innovation. Tirupathi Hydrocarbon Private Limited is well-positioned to support this expansion thanks to its superior filler masterbatches and associated goods.



Anupam Agarwal

Director

Tirupathi Hydrocarbon Private Limited

Bangalore (Karnataka)

tirupatichemicalsmail@yahoo.com

Global Market Feedback for the Future: Tirupathi Hydrocarbon Private Limited is strategically poised for global expansion in an increasingly interconnected world. We've been humbled by the positive feedback our products have received in international markets, and we are steadfast in our commitment to establishing strategic partnerships and extending our global reach. Our ability to adapt to evolving market dynamics ensures that our reputation for reliability and quality remains unwavering.

Mission: Innovate, Excel, and Lead Tirupathi Hydrocarbon's mission is to provide innovative and sustainable solutions while upholding the highest standards of quality. They aspire to be a leader in the petrochemical and wax industry, setting new benchmarks in excellence and customer satisfaction.

How Many Sectors Does Tirupathi Hydrocarbon Cover?

Tirupathi Hydrocarbon Private Limited serves multiple sectors within the petrochemical and wax industry, including plastics, rubber, coatings, and more. They provide tailor-made solutions to meet the unique needs of each sector, setting themselves apart from the competition with their adaptability.

Tips for Industry Success Tirupathi Hydrocarbon offers valuable insights for success:

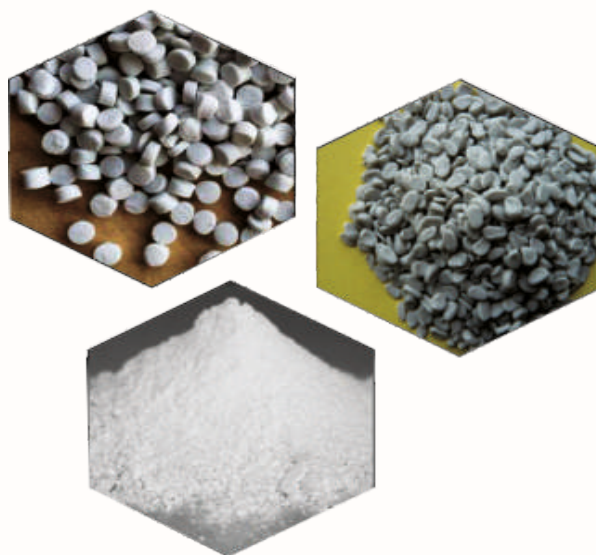
- Prioritize quality and customer satisfaction to thrive in a competitive market.
- Stay updated on technological advancements and market trends to remain relevant.
- Foster innovation in product development and sustainable solutions.
- Invest in strong infrastructure and skilled professionals to ensure consistent excellence.
- Embrace global opportunities and establish a strong presence in international markets.

Tirupathi Hydrocarbon Private Limited is not just a company; it's a symbol of commitment to quality and innovation in the petrochemical and wax industry. With a rich history and a future-oriented approach, they are poised to make significant contributions to the industry's growth and development.

Thank you,

Tirupathi Hydrocarbon Private Limited

See Our Advertisement On Page No. 03.



INDUSTRIAL APPLICATION



Grease Industries



Paper Industry



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Lubricant Industry



Furniture Shine



Ink Industries



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Candle Industries

Mondi's entire portfolio of kraft papers for packaging certified compostable



Mondi, a global leader in packaging and paper, has announced that its entire portfolio of kraft papers for packaging has been certified as home or industrially compostable[1].

The certification underpins Mondri's MAP2030 (Mondri Action Plan 2030) sustainability commitment to make 100% of its packaging and paper products reusable, recyclable, or compostable by 2025, ensuring a sustainable end-of-life for all paper and packaging products. While recyclability remains Mondri's focus to keep fibres in circulation, composting can be a viable end-of-life option for certain applications, such as those disposed in the biowaste stream.

Mondri's kraft papers are made from renewable and certified sources, which can support customers to achieve their own sustainability targets. Customers can benefit from a comprehensive product range to meet requirements for industrial packaging, shopping bags for retailers and attractive food packaging for supermarket shelves.

An example of Mondri's compostable kraft papers is Advantage MF EcoComp, which is specifically designed for household and agricultural use and is used for paper bags for wet organic household waste. Another example is Mondri's EcoVantage kraft paper, which combines fresh and recycled fibres for sustainable and food compliant shopping packaging.

Silvia Hanzelova, Sales Director Specialty Kraft Paper, Mondri says: "Certifications like these illustrate our ongoing commitment to provide our customers with the most suitable and sustainable packaging materials and solutions. They give all our industrial, commercial and manufacturing customers the confidence that our papers are compostable and reassure them that, with us, they are working towards a more sustainable future. A future that continues to provide strong, effective packaging tailored to their individual needs."

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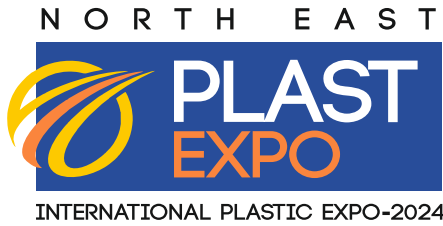


For further information please contact:
Prashant Vats
Project Director
+91-9871999384

G. Sankaranaryanan
Dy GM - Marketing & Sales
+91-9717199385

Vikram Sharma
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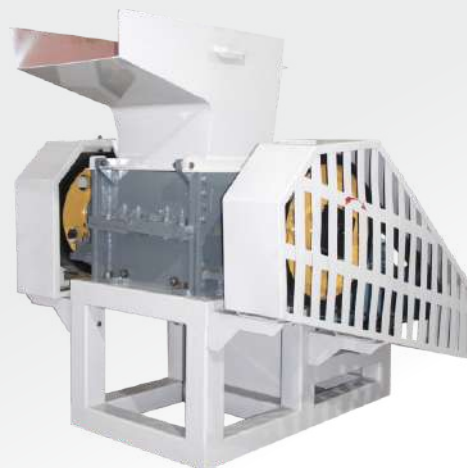


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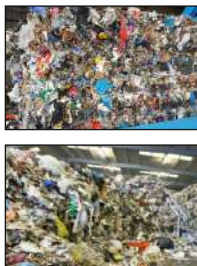
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SUMMIT HIGHLIGHTS

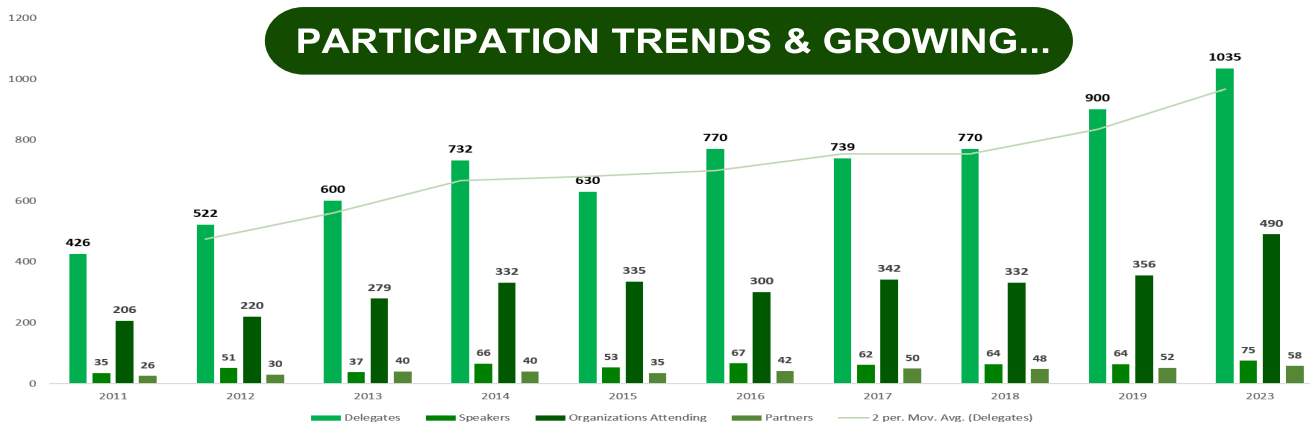
Vinyl India Summit is the **Largest Conference of PVC Industry - Globally**. The **10th edition of 2023** created history as it attracted over **1035 delegates** from **490 Organizations** representing **22 countries**.

Upcoming **11th edition in 2024** is expected to attract **1300+** Decision-makers, Industry Leaders and colleagues from across the world. 360 degrees of PVC business will be represented by main Resin Manufacturers, Downstream Processors, Machinery Suppliers, Technology Licensors, Additives and Stabilizer Providers, Channel Partners, Traders and Indenters, Consultants, Institutions, Industry Associations, and End-users at Vinyl India Platform. New Applications and Latest technologies with Growth opportunities shall be discussed through interactive Business sessions and panel discussions.

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PRESS RELEASE - 2023

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Vinyl India creates World Record - Few Glimpses



Shree Ganesh Vandana



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Secretary, DCPC, Govt. of India



Keynote Speakers:
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 Anil Jain - Jain Irrigation,
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Global CEO Conclave - 55 CEOs



Business Overview Session



Sustainability Session



Latest Innovations in Technology Session



Innovations in Applications Session



Panel on Making PVC Piping Robust
 Enough to withstand Competition



Panel Sustainability of PVC Profiles



Additives & Compounding Session



Processing & Downstream Machinery Session



Over 1035 attendees from 490
 Organizations representing 22 Countries



Exhibits by 40 Partners



Chetan Bhagat -
 Author & Motivational Speaker



Finalists-The Grand Vinyl India Quiz



Interactive Q & A with Speakers



The Grand Lucky Dip Winner



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Memories made to last a lifetime



Nidhi Verma - Founder & MD
 ElitePlus™ Business Services
 at helm of Vinyl India



SUMMIT HIGHLIGHTS

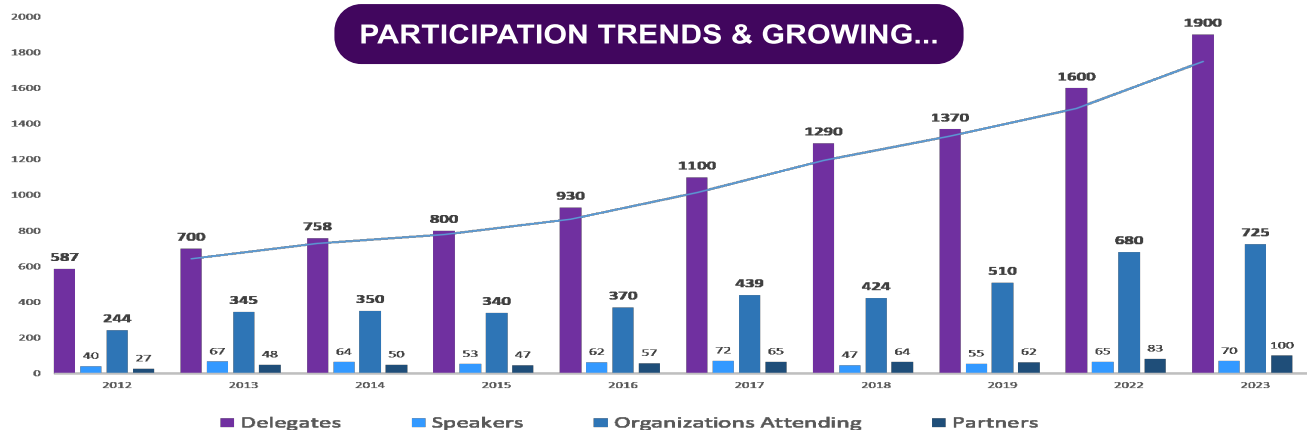
The 10th edition of the Speciality Films & Flexible Packaging Global Summit 2023 proved to be a ground-breaking Summit, surpassing all previous records. With over 1900 delegates in attendance, representing 725 organisations from 20 countries, this is the **Biggest Flexible Packaging Summit in the World**. For the **first time** -The Summit was hosted at the brand new venue Reliance Jio World Convention Centre, Mumbai - which is the new age best convention centre in India.

Theme of the Summit was **Sustainability with Growth** and focused on New Opportunities and Applications with the latest Technologies. The richly curated content was the main highlight of the Summit with a distinguished speaker line-up, covering the gamut of topics such as mono polymer family laminate, transparent metalizing with coatings, plastic barrier paper, MDO film or BOPE, or even Pet / Pet laminates. Environment-related, EPR and raw materials. The main attraction of the two-day power-packed program was the active participation of the **Global Brand Owners**.

The awaited 11th edition - 2024, is anticipated to be a Global Congregation of over 2500 Decision-makers and Packaging Industry Leaders Globally.

This Summit has the unique distinction of being the **only platform** that brings together all segments of the Global Packaging Industry including thought leaders, Industry stalwarts, decision-makers, and customers who get a 360-degree perspective from Govt. Officials, Policy Makers, Machinery & Ancillary Suppliers, Commodity Suppliers, Converters, Films Producers, & Brand Owners. It's a "one-stop" 2-day Summit - meeting all your needs.

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Traditional Indian Welcome



Inaugural with Auspicious Diya Lighting



Over 1900 Attendees representing
725 Organizations



Economic Outlook for India and the Industry



Key Note Speakers - Ashish Chaturvedi Founder, Chairman & Managing Director, Liffar Group,
Pradeep Chaturvedi, Director & CEO, PCC, After Group Ltd.
Pravira Neeraj Kumar Managing Director & CEO, Gupta Polymer India Ltd.,
Hemant Chaturvedi President & MD, Neel Industries India Management Co. Ltd.
Harish Mahesh, Founder and Chairman, Mithun Ltd.



Panel Discussion:
Brand Owners' Perspective



Business Session on Advancements in
Raw Materials for Sustainable Packaging



Sustainability - Opportunities and Challenges -
Doug Chamberlin, Chief Advisor,
Membership Initiatives, Alliance to End Plastic Waste, UK



Sustainability - Opportunities and Challenges -
Shri C.K. Mishra, ex-Secretary-Ministry of Environment,
Forest & Climate Change Government of India



Business Session on Converters'
Perspective on Sustainability



Business Session on Inks,
Adhesives and Coating



Business Session on Advancements in
Raw Materials for Sustainable Packaging



Panel Discussion: Ground Realities -
Environment issues, EPR,
Sustainability and Demystifying PWM



Business Session on Oriented Films
moving towards Sustainability



Session on Artificial Intelligence: The Game
Changer for Business Transformation



Panel Discussion: Disruptive technologies



Business Session on Latest Trends
in Green Technology



Business Session on Printing -
First Impressions Count



100 Exhibitor's with individual Stalls



Global Participation by 20 Countries



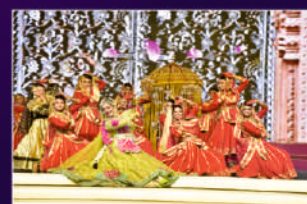
Business Session on Converting Technology



Interactive Q & A Sessions with the
Leaders of the Industry



One to One Business Meetings at
meeting rooms at the Jio Convention Centre



Gala Networking Dinner with
Entertainment at all Venues



SUMMIT HIGHLIGHTS

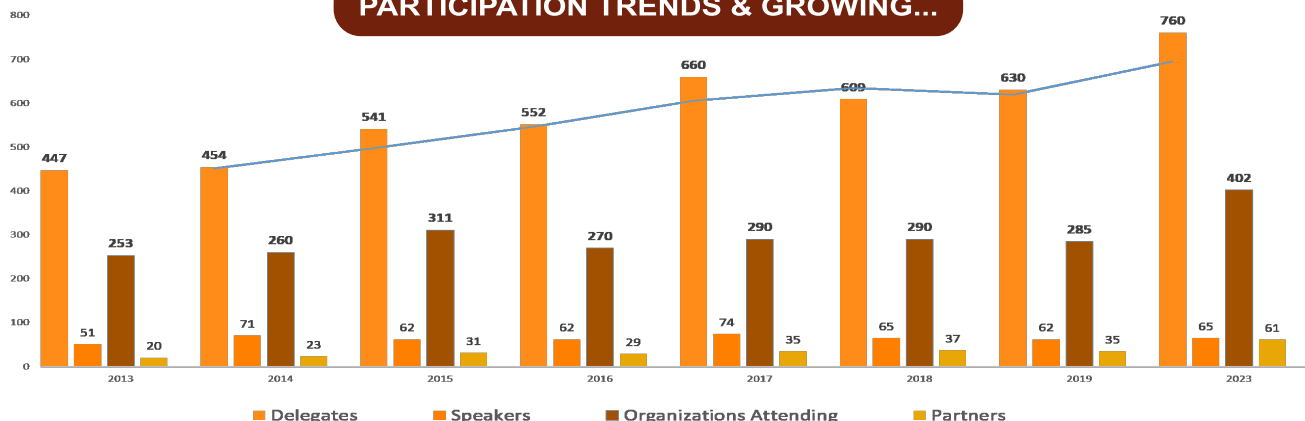
The **8th International - Injection, Blow, Roto Moulding, and PET Global Summit 2023**, was successfully held in Mumbai on October 9th & 10th 2023. The Summit was a grand success, attracting over 760 attendees from 402 organizations representing 13 countries.

This is the **only Platform Globally** with **4 critical** segments of the plastic converting industry – Injection, Blow, Roto Moulding, and PET with active participation from the Global Brand Owners, all gathering under one roof. The **Two power-packed days** cover the latest in technology, global business trends, advancements in raw material grades, recycling of PET, and insights from leading converters. Convertors and Main Brand owners share their perceptive.

Additionally, there are options for personalized **private stalls**, with meetings efficiently scheduled through our Networking Scheduler software.

As India becomes the epitome of Global Rigid Packaging Growth, with a strong emphasis on manufacturing, this platform by **ElitePlus⁺⁺** is poised to become the vehicle for accelerating growth. The Injection, Blow, Roto Moulding, and PET sector will play a pivotal role in supporting this accelerated growth while also contributing significantly to the circular economy.

PARTICIPATION TRENDS & GROWING...



SNAPSHOT OF OUR PAST SUMMIT

INJECTION, BLOW, ROTO MOULDING & PET - 2023



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INJECTION, BLOW, ROTO MOULDING & PET INTERNATIONAL SUMMIT 2023 PRESS RELEASE - 2023

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ElitePlus Business Services hosted the largest Injection, Blow, Roto Moulding & PET International Summit, Globally with over 760 attendees from 402 companies representing 13 Countries



Traditional Indian Welcome



Inaugural Ceremony with Auspicious Diya Lighting



Over 760 Attendees from over 402 Organizations representing 13 countries



Delegates taking the oath of mandating Sustainability



A. S. Sahney-ED, IOCL, Avinash Verma, President, Reliance Inds., Dr. R. S. Sodhi, President IDA, Former MD Annil, Neelkanth Mishra, Chief Economist, Axis Bank.



Circular Economy by Angelo George, CEO, Biseri Intl., Pankaj Poddar, CEO, Cosmo



Business Session on Material Opportunities for Moulding Applications



Business Session on Innovations in Machinery & Moulds



Business Session on Mobility, White Goods, Latest Trends



Business Session on PET – Perspective of Brand Owner



Business Session on Innovations and Emerging Technologies in Rigid Packaging



Business Session on Blow Moulding – Packaging: Perspective from Brand Owner & Converter



Panel Discussion: The Brand Owners' Wishlist



Panel Discussion: Indian Industry's March for Sustainability in Packaging



Panel Discussion: Excellence in Manufacturing through Automation



Session on Mergers & Acquisitions by Ajay Arora Head of Investment, Banking Advisory, Ernst & Young India



Business Session: Reaching the End Users



Session on Artificial Intelligence by Nitin Kumar Satankar-Reliance Jio



Business Session on Voice of Converters – Injection Moulding



Business Session on New Applications in Raw Material & Design in Roto Moulding



Multiple Networking Opportunities



Interactive Q & A Sessions – Dr. Raju Desai



Lucky Dip Winners



Nidhi Verma Founder & MD ElitePlus Business Services at the helm of affairs

USE THE REUSE AND REFILL --- THE NEW WAY AHEAD



Mr. Sameer Joshi (Ph.D.)
joshisameera@gmail.com



Sharang Ambadkar

The refill concept is an UNTAPPED BUSINESS POTENTIAL

Globally, replacing just 20% of single-use plastic packaging with reusable alternatives offers an opportunity worth at least USD 10 billion.

Reuse models can bring major user and business benefits including superior user experiences, user insights, brand loyalty, and cost savings.

Global Alignment to act on Plastic Pollution

The urgency to act on plastic pollution is now widely understood..

The Global Commitment has also seen Over 100 business signatories of the Global Commitment have committed to move, where relevant, from single-use to reusable packaging by 2025.

Shifting user Preferences

Customer demands are more sophisticated than ever and include personalization, quality, and positive environmental impacts. Reacting to user preferences, retail is now physical and digital.

Innovative reuse models can tap into these shifting preferences by, for example, delivering better-looking, more functional packaging that gathers valuable user intelligence and allows the user to customize the product.

Climate and other Environmental Benefits

Moving from single-use to reuse not only helps eliminate plastic waste and pollution but also, if done well, offers significant reductions in greenhouse gas (GHG) emissions and other negative externalities.

The four reuse models Business-to-consumer reuse models differ in terms of packaging 'ownership' and the requirement for the user to leave home to refill/return the packaging.

- Refill at home
- Refill on the go
- Return from home
- Return on the go packaging

The package is picked up from home by a pickup service (e.g. by a logistics company)

Return from home

Refill at home users refill their reusable container at home (e.g. with refills delivered through a subscription service)

Refill on the go users refill their reusable container away from home (e.g. at an in-store dispensing system) users return the packaging at a store or drop-off point (e.g. in a deposit return machine). Return on the go ON THE GO AT HOME REFILL packaging refilled by user RETURN packaging returned to business Note: B2B packaging

What is Reusable Packaging and how does it work?

As the name suggests, brands replace their SUP packaging with a reusable container. This container is collected (reverse logistics), cleaned, washed and sent for refill/reuse.

India as a country has always been a reuse economy barring the past 2 decades. Even now, you will see households hoarding containers from restaurants and reusing them as tiffin. It is extremely common.

What is Refillable? This start up in India help brands to reduce their packaging waste by enabling them to reuse and refill the same packaging again and again.



Bottle World is a bootstrap start-up which manufactures and provides refilling service of FMCG cleaning products.

Team Bottle World is on mission "To eliminate the usage of Single-Use Plastic in India and make everyone a part of Zero Waste Movement to save our Earth"

In Bottle World refilling service, every time customers need to purchase any new FMCG cleaning products, they will place an order of requirements liquid than your delivery person will come to their doorstep. Research shows 69% of respondents likely to try products in returnable packaging.

Reuse scarcely gets a look-in among signatories to Ellen MacArthur Foundation's Global Commitment to more sustainable packaging.

Without big brand buy-in, difficult to realize potential to get to scale.

The key to successful reuse and refill program is that they must be convenient for consumers,

Packaging analysts Smithers forecasts that the market for refillable and reusable products will grow 5% a year, reaching a value of \$53.5 billion by 2027. But without greater buy-in from the big brands, it is difficult to see how.

Conclusion

The way ahead for FMCG and other companies is to bring refills to more stores soon, as well as introducing refillable shampoos, conditioners and hand wash.

DESIGN OUT WASTE

Develop products that are compostable, refillable or returnable for repurposing.

DESIGN FOR REUSE

Continue to develop refill options and refillable products.

DESIGN FOR REGENERATION

Develop packaging made from renewable materials.

DESIGN FOR REPURPOSING

Repurposing is creating a new or a second life for an existent product by making some transformations to it.



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<p>Insufficient cooling on high production rate may lead to non consistent product quality and will lead to heavy rejection.</p>	<p>Water Chillers does improve productivity but involve</p> <ol style="list-style-type: none"> 1. Capital cost 2. Running cost 3. Maintenance cost 4. Replacement cost 	<p>Higher machine/oil temperature will lead to higher energy and maintenance cost.</p>
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When it comes to addressing insufficient cooling on high production rates, water chillers are often the go-to solution. However, it's important to consider the various costs involved in implementing this solution. Capital cost, running cost, maintenance cost, and replacement cost are all factors that need to be taken into account.

Furthermore, it's important to note that higher machine/oil temperature can lead to increased energy and maintenance costs. This is where water cooling designing, simulation, and optimization come in. By using these techniques, you can create a more efficient cooling system that not only improves productivity but also minimizes costs in the long run.

Investing in water cooling designing, simulation, and optimization may require some upfront costs, but the benefits in terms of consistent product quality and reduced rejection rates make it a worthwhile investment for any business operating at high production rates.

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પ્લાસ્ટીક એજ મિત્ર



BHUMI DESAI

પ્લાસ્ટીકની થેલી બ્લોઈંગ પ્રોસેસથી બનાવાય છે. જ્યારે પણ આપણે પ્લાસ્ટીક શબ્દ સાંભળીએ ત્યારે મગજમાં એક જ પ્રશ્ન ઉદભવે કે શું પ્લાસ્ટીકથી પર્યાવરણને નુકશાન થાય છે ? પરંતુ દરેક વસ્તુના બે પાસા હોય છે. (૧) સારા (૨) ખરાબ. જેવી રીતે તમે ખરાબ પાસા એટલે કે પ્લાસ્ટીકથી નુકશાન થાય તે સાંભળો છો પણ એવું વિચાર્યું કે તેનાથી આપણે કેટલો બધો લાભ થાય છે. પ્લાસ્ટીકને શાપરૂપ માનશો નહીં એ તમારો મિત્ર પણ બની શકે છે. દુનિયામાં પ્લાસ્ટીકનો માથાદીઠ વપરાશ સૌથી ઓછો ભારતમાં છે. ભારત સરકાર હવે માથાદીઠ પ્લાસ્ટીકનું વપરાશનું પ્રમાણ વધારવા માંગે છે. હાલમાં પ્લાસ્ટીકનો વપરાશ માથાદીઠ ૧૨ કિલોનો છે. પરંતુ આગળના વર્ષમાં તેનું લક્ષ્યાંક વધારવા માંગે છે. ભારતમાં પેટ્રોકેમિકલ્સ ઈન્ડસ્ટ્રીઝનું ભાવિ ઉજ્જવળ છે અને હજી વિકાસની તકો રહેલી છે. દહેજમાં ભરતમાં સૌથી મોટું પેટ્રોકેમિકલ્સ કોમ્પ્લેક્સ

ઉભું કરવાનું કામ અંતિમ તબક્કાઓમાં છે. અમુક જણે તો કે.કે. પોલીબ્લેન્ડ નામનું રી-સાઈકલ થઈ શકે તેવું પ્લાસ્ટીક બનાવ્યું. સંસ્થાનો પારંભ કર્યો જેમાં પ્લાસ્ટીક રી-સાઈકલ થાય. જ્યારે બૃહદ મહાનગરપાલીકાએ આ પ્લાસ્ટીકનો ઉપયોગથી રોડ તૈયાર કર્યો. ઉપયોગ : પ્લાસ્ટીકને રી-સાઈકલ કરીને ફરીથી પ્લાસ્ટીક બનાવતા ૯૦% ટકા જેટલી વીજળી ઓછી વપરાય છે. પ્રોસેસમાં પાણીનો ઉપયોગ બીલકુલ થતો નથી, વારંવાર ત્રીસથી વધુવાર રીસાઈકલીંગ કરી ફરી વાપરી શકાય છે. પ્લાસ્ટીક પર પ્રતિબંધ મૂકવો કે ના મૂકવો ? પ્લાસ્ટીક પર પ્રતિબંધ મૂકવો એ જ માત્ર ઉપાય નથી કારણ કે એમ કરવા જતાં પ્લાસ્ટીકને બદલે કાગળો અને કપડા નો વપરાશ વધશે અને તેને પરિણામે વૃક્ષોનો નાશ થશે. વળી, આ પ્રકારના પ્લાસ્ટીકથી નુકશાન થવાની સંભાવના ઓછી છે. તેને રી-સાઈકલ કરીને એ પ્લાસ્ટીકની આવરદા લંભાવી શકાય છે. પ્રતિબંધ મૂકવા કરતાં તેને રિ-સાઈકલ કરીને તેનો ઉપયોગ વધારીને જંગલોનો નાશ અટકાવી શકાય છે. દુનિયા ભરના તમામ પ્રગતિશીલ દેશો એટલેજ પ્લાસ્ટીકનો માથાદીઠ વધુને વધુ વપરાશ કરી પર્યાવરણનું ખરા અર્થમાં જતન કરવું.

Email : bhumidesai6394@gmail.com

સામાજિક સંદેશ

માનવી સામાજિક પ્રાણી છે અને સમાજનું એક અંગ છે. સમાજમાં સહારા વિના એનું જીવન અસંભવિત છે. જ્યારે માનવી જાણે કે અજાણે સમાજનો સભ્ય બને ત્યારે સમાજ પ્રત્યે એની જવાબદારી અને ફરજિયાતની ભાવના પ્રતિપાદિત થાય છે. જેમ માનવીને સમાજનો સહારો છે તેમ સમાજ પણ એકલ-દોકલ વ્યક્તિથી સંભવિત નથી. આ રીતે માનવી અને સમાજ એકબીજા પૂરક અંગ હોય, બંનેની એક બીજા પ્રત્યે સાચી ભાવના, નિષ્ઠા અને પ્રમાણિક વ્યવહાર આશ્ય છે. આ સંજોગોમાં સમાજના સભ્ય માનવીની સમાજ પ્રત્યે ફરજ વધી જાય છે અને સમાજના ઉત્કર્ષ કે ઉન્નતિ માટે એણે તન, મન, ધનથી સાથ અપવો જરૂરી છે. તનનો સહકાર એટલે જે સમાજમાં એ રહે છે એની ઉન્નતિ માટે યોગ્ય સમય ફાળવી સમાજોપયોગી કામો કરવા. મનનો સહકાર એટલે હંમેશા સમાજની પ્રગતિ માટેનું ધ્યેય કે વિચારો રાખવા અને એમાં પોતાના જેવા વિચાર વાળા બીજા સભ્યોને પણ ભાગ લેતા કરવા. ધનનો સહકાર એટલે કોઈ પણ સમાજ કે સંસ્થાના સંચાલન માટે જરૂરી આર્થિક સહાય. જે ટીપે ટીપે કરતાં મોટું સરોવર ભરાય અને એક વ્યક્તિ પર વધું બોજ ન આવે તથા સમાજ આર્થિક રીતે જેટલો સફર હોય અટલો એ સમાજના સભ્યો માટે સહાયક પ્રવૃત્તિનું વિચીરી શકે.

આ રીતે સમાજના દરેક સભ્યની ફરજ છે કે સમાજની ઉન્નતિ-પ્રગતિ માટે યથાયોગ્ય પ્રમાણિક રીતે સાથ સહકાર કે ફાળો આપે. સમાજનું ઉત્થાન તેના કર્મકર્મ-નિષ્ઠા કાર્ય પર જ અવલંબે છે. અને જેમ કોઈ કારખાનું કે સંસ્થામાં કામ કરનાર માણસની પ્રગતિ કારખાનાવી તે સંસ્થાની પ્રગતિ પર અવલંબે છે. (જો કર્મચારી કામ ન કરે તો કર્મ બંધ થઈ જાય અને એની રોજી-રોટી ઝૂંટવાઈ જાય) એમ સમાજમાં કાર્યકર્તાઓ કંઈ જ ન કરે તો સંસ્થા ચાલે નહિ અને કોઈ સમાજોપયોગી કામ થાય નહિ. અહીં સમાજની પ્રગતિ સાથે કદાચ વ્યક્તિગત પોતાની અનુભવી ન શકે, પણ ભવિષ્યનો વિચાર કરે તો એને સમાજ પર જ અવલંબન રાખવું પડશે.

સમાજ કેવી રીતે સભ્યોને સહાયક થઈ શકે ?

આજની તાતી જરૂરિયાત ભણતર છે. જો સમાજ આર્થિક રીતે સફર હોય તો સમાજના હોંશિયાર અને જરૂરિયાતવાળા વિદ્યાર્થીઓને જરૂરી વિદ્યાસહાય કે આર્થિક સહાય કરી શકે. બીજી જરૂરિયાત જીવનસાથીની છે. એમાં પણ સમાજ ઘણી રીતે યોગ્ય મદદ કરી શકે. આ સિવાય માંદગી કે દવાખાના જેવી જરૂરિયાત માટે પણ સમાજ મદદરૂપ થઈ શકે. વિધવા કે નિઃસહાય વ્યક્તિ પણ સહાય કરી શકે. પણ એ ક્યારે સંભવી શકે ?

જ્યારે સમાજનો દરેક સભ્ય વ્યક્તિ પોતાની શક્તિ પ્રમાણે આગળ જણાવ્યું તેમ તન, મન અને ધનથી સહકાર આપે તો જ.

આમ ઘણાં દાતાઓએ પોતાની રીતે સહકાર આપ્યો છે. સમાજના કાર્યકર્તાઓએ એમના સપંકમાં રહી પોતાના સમયનો ભોગ આપી એમના તરફથી સહકાર મેળવ્યો એ માટે સમાજ તેઓ પ્રત્યે આભાર તથા ગૌરવની લાગણી અનુભવે છે. અને આશા રાખે છે તે જ સભ્યો તથા જ્ઞાતિજનો આ કાર્યક્રમ કે આવા બીજા કાર્યક્રમ પ્રત્યે નિરુત્સાહી જણાય છે એમને પણ બધા સાથે મળી પૂરો સાથ સહકાર આપવા સૂચન છે.

સમાજના યુવાધનને આ પ્રસંગે ખાસ અરજ છે કે સંસ્થાના તેઓ ભવિષ્યના કાર્યકર્તાઓ છે. અને સમાજ માટે સક્રિય રીતે સાથ-સહકાર આપે. જેમાં સમાજના સભ્યો માટે ઉપયોગી સેવા-કાર્યો કરવા, સાંસ્કૃતિક તૈયાર કરવા, કરવવા અને એને લોકભોગ્ય બનાવવા.

વિસ્મૃત આત્મશક્તિથી વાઢેડું થવું ; ફરી મેળવવી એ છે આત્માદાર



With Best Compliments

PLASTIC PROCESSORS (GUJ.) ASSOCIATION VADODARA

Dominating Factors of

Plastic Packaging

for a Global Market Penetration



Plastic are safe
& Hygienic Medium for
Packaging Food &
Food Products

**Do not Litter
Keep Your Environment Clean**

PLASTIC PACKAGING

Environment Friendly
&
Save Tree, Save Paper, Save Water

- ▶▶ **Agriculture Products**
Foods / Vegetables / Fruits /
Flowers / Grains Etc.
- ▶▶ **Engineering Products**
- ▶▶ **Medical &
Health Care Products**
- ▶▶ **Electronics goods**
- ▶▶ **Bakery Products**
- ▶▶ **Textile Products**
- ▶▶ **Hardware Products**
- ▶▶ **Dairy Products**

Plastic is **Not Bad**
Our **Habits** are **Bad**.

- Segregate & Throw Waste only in Waste Bins.
- Use Two Bins - One for Wet Waste,
One For Dry Waste

waste Food and other
Biodegradable Waste
(Can be Composted into manure)

Plastic, Metals, Paper
(Can be Recycled into useful products.)



Jaykant Nanavati
+91 98250 46336
Polymer Plast

Madan Jain
+91 98250 88354
vinmar Polymer Product

Mayur Sadaria
+91 97253 33300
Sona Flex Ind.

Hemal Vadodaria
+91 98257 64578
Shreeji Corporation

Email : plastic_processors@rediffmail.com

“જીવનમાં તણાવ-મુક્ત કઈ રીતે રહેવું?”

સમાજના યુવાધનને આ પ્રસંગે ખાસ અરજ છે કે સંસ્થાના તેઓ ભવિષ્યના કાર્યકર્તાઓ છે. અને સમાજ માટે સક્રિય રીતે સાથ-સહકાર આપે. જેમાં સમાજના સભ્યો માટે ઉપયોગી સેવા-કાર્યો કરવા, સાંસ્કૃતિક તૈયાર કરવા, કરવવા અને એને લોકભોગ્ય બનાવવા.

આજકાલની જીવનશૈલી ભાગદોડથી ભરપૂર અને ચિંતામય થઈ ગઈ છે. શિક્ષણ, નોકરી-ધંધો, ફાસ્ટ લાઈફ-સ્ટાઈલ, ટુંક સમયમાં જોઈતી સમૃદ્ધિ અને યશ, આ બધા તણાવના મુખ્ય કારણો છે. તદ્ઉપરાંત બીજાં અનેક કારણોસર આપણી જીવનશૈલીમાં તથા સમાજ વ્યવસ્થામાં છેલ્લા થોડા વર્ષોથી અચાનક એકસાથે ઘણાં ફેરફાર આવ્યા છે. જેથી આપણાં જીવનમાં તણાવ વધી ગયા છે. ટુંકમાં, સરળતાથી વહેતી જીવનશૈલીમાં અચાનક રૂકાવટ અથવા ફેરફાર કરનાર સંજોગો આવી જાય ત્યારે તણાવ ઉભા થાય છે. જેને આપણે ચિંતા, ટેન્શન અથવા માનસિક દબાણ જેવા શબ્દો તરીકે જાણીએ છીએ.

તણાવ એટલે શું ?

આપણા શરીરમાં તથા બહારના વાતાવરણમાં ઘણાવાર થતા રહે છે. જેને આપણે અનુકૂળ એટલે કે એડજસ્ટ થવું પડે છે. આ આંતરિક અને બાહ્ય ફેરફારો સામે એડજસ્ટ થવા માટે આપણા શરીર અને મનને જે કાર્ય કરવું પડે છે તેને આપણે ‘તણાવ’ તરીકે ઓળખીએ છીએ.

શું જીવનમાં ‘તણાવ’ નું હોવું જરૂરી છે ?

હા, જીવનમાં તણાવ જરૂરી છે. જ્યારે જ્યારે આપણે આવા મનોદબાણો પર કાબૂ મેળવીએ છીએ ત્યારે આપણને કશુંક સાડું કર્યાનો આત્મ-સંતોષ મળે છે. એની સાથે આપણા અનુભવમાં વૃદ્ધિ થાય છે અને સેલ્ફ ડેવલપમેન્ટ થાય છે.

શીરીરીક : જેવી કે, ખૂબ જ ગરમી, ઠંડી, વધુ અવાજ અથવા બીમારી

કૌટુંબિક : કામની વહેંચણી, સંસ્કાર અને ઉછેરનો ફરક, જીવન જીવવાની પદ્ધતિ તેમજ કૌટુંબિક જવાબદારીઓ વગેરે.

આજીવિકાને લગતી : આજના જીવનમાં આ સૌથી મોટો તેમજ સૌથી વધારે ફેલાયેલ તણાવ છે. આર્થિક સંકડામણ, બે છેડા કેવી રીતે ભેગા કરવા ? જીવન કેમ ચલાવવું ? બાળકોની ફી, કપડાં, બીમારી તથા આકસ્મિક ખર્ચા. જેવી પાસે જીવન જરૂરીયાતની વસ્તુઓ છે તો એને એના કરતાં વધારે ઉપર કેવી રીતે જવું, વધારેને વધારે પૈસા કેવી રીતે મેળવવા એની ચિંતા.

સામાજિક - રાજકીય : નોકરી-ધંધાનો અભાર, કુદરતી આફત, આપણી સાથેના માણસો બરાબર કામ ન કરે, ઓછી ચોગ્યતા વાળા માણસો લાગવત તેમજ અપ્રમાણિકતાના જોરે આગળ વધી જાય તો પણ ટેન્શન થાય.

આપણા પોતાના નકારાત્મક વિચારો : જેવા કે લાલચ રાખી, કમાય છતાં સંતોષ ન થાય, બીજાઓ જોડે સરખામણી કરવી, ઉદારતાનો અભાવ, દરેક વસ્તુમાં નકારાત્મક વિચારો કરવા અથવા નકારાત્મક એપ્રોચ રાખીએ, સ્વાર્થ વૃત્તિ તેમજ કામ, કોઈ વગેરે દરેક વસ્તુ પોત-પોતાની રીતે નુકશાનકારક છે.

માણસ ટેન્શનમાં છે અથવા તણાવમાં છે, એ ક્યારે ખબર પડે ?

માણસનું શરીર અને વ્યવહાર આ બાબતે સંકેત આપે છે. દા.ત. માથાનો દુઃખાવો, આંખનું બળવું, ઝળવું, ઝડપી શ્વાસ ચાલવો, મોં સુકાઈ જવું, હાથ-પગ ઠંડા પડી જવા, ઝીણી ધ્રુજારી આવવી, હૃદયના ઘબકારા વધી જવા, શરીરનું ખેંચાણ, દુઃખાવો વગેરે.

વર્તનમાં ફેરફાર જેવાકે, ખોરાકમાં અચાનક વધઘટ, સિગરેટ અથવા દારૂનું સેવન વધી જવું, ઊંઘ ન આવતી. માનસિક તેમજ લાગણીગત ફેરફાર જેવા કે, કામમાં ધ્યાન ન ચોંટવું, ભૂલો થવી, ભૂલી જવું, ઉશ્કેરાઈ જવું, ગભરાઈ જવું, વધુ પડતાં વિચારો આવવા, ઉદાસ થવું, થાકની લાગણી વગેરે. માનસિક ચિંતા-તણાવમાંથી મુક્ત કેવી રીતે થશો ?

આ જીવન-સંસાર ચિંતા એટલે કે તણાવથી ભરપૂર છે. ચિંતાને હંમેશા આપણા તાબામાં રાખવી, ન કે ચિંતા આપણી માલિક બની જાય. જીવનની ઘણી બધી પરિસ્થિતિઓ પર આપણે કાબુ કરી શકીએ છીએ, એ માટે આપણી ચિંતાઓ કઈ-કઈ છે એ જાણવી જરૂરી છે. આખા દિવસના ભાગદોડના પ્રોગ્રામમાં થોડો સમય ‘હળવાશ’ એટલે કે, ‘રિલેક્સેશન’ માટે ફાળવો. જીવન પ્રત્યે હકારાત્મક વલણ રાખો તો જીવન જીવવા જેવી લાગશે.

તણાવ પ્રત્યે તમારી જાગૃતતા કેળવો.

કોઈ પણ જવાબ માટે એનો સવાલ જાણવો જરૂરી છે તેમ ચિંતામુક્તિ માટે આપણને કઈ પરિસ્થિતિમાં કઈ વ્યક્તિથી ચિંતા તણાવ થાય છે અને એ ચિંતાનો આપણા તમ-મન પર પ્રતિભાવ શું છે તે જાણવું જરૂરી છે. જેમકે, બાળકને ભણાવ્યા બાદ માથાના દુઃખાવાની ફરિયાદ, ઓફિસમાં ટેન્શનમય કામ કર્યા બાદ આખા શરીરનું ખેંચાવું અથવા કળવું વગેરે.

ચિંતાના કારણે આપણા મન અને શરીર બંને પર થાય છે. તેથી જો શરીર અને મન સ્વસ્થ રાખી શકાય તો ચિંતા સામે આરામથી લડી શકાય. જીવન પ્રત્યે હકારાત્મક વલણ, કસરત, આરોગ્યમય ખોરાક અને નિયમિત આરામ ચિંતા સામે લડવામાં ખૂબ ઉપયોગી છે.

તો સૌપ્રથમ પ્રોબ્લેમને ઓળખો.

૧. જીવનમાં નાના-નાના પ્રસંગો અને અપમાનો, ટ્રાફિકમાં અટવાઈ જવાબ, ગીરદીમાં કોઈ આપણાં પગ કચડી નાખે, શાક દઝાઈ જાય, કામવાળી ન આવે, કોઈ સ્કુટરવાળો નાની ટક્કર મારી જાય વગેરે અસંખ્ય નાની બીનાઓને આપણા મન પર ન લેવી આ ઘટનાઓથી દુનિયા રસાતળનથી થઈ જવાની. ઉલટાનું આ બધી નાની ઘટનાઓથી દૂર રહો. નુકસાન આપણને થાય છે. જેમકે, બ્લડ પ્રેશર વધવું, સામાજિક કલેહનું વધવું. તેથી આવી પરિસ્થિતિઓથી દૂર રહો.

૨. જીવનમાં આવતા મોટા ફેરફારોને અનુકૂળ થવાનો પોઝીટીવ વિચારો સાથે પ્રયત્ન કરો. તમારી જીવનશૈલીને સંજોગોને અનુરૂપ બદલો. દા.ત. ઘરમાં બાળકનો જન્મ, નોકરી છૂટી જવી, બદલી થવી, કોઈનું મૃત્યુ, છુટાછેડા આ બધી જીવનની મોટી ઘટનાઓ અને ફેરફારો છે.

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૧. નાની-નાની ચિંતાઓ માટે થોડો પ્લાનિંગ કરો. દા.ત. ટ્રાફિકમાં અટવાવાની ચિંતાને દુર કરવા ઘરેથી વહેલા નીકળો. ઓફિસમાં પહોંચવાની મુશ્કેલી માટે સવારે વહેલા ઉઠી અને ઘરેથી થોડા વહેલા નીકળો.
૨. જીંદગીના મોટા ફેરફાર જેવાકે, પ્રિય વ્યક્તિનું મૃત્યું, આવે વખતે આખી જીવનશૈલી બદલવી પડે, બીજા ટેન્શનને તે વખતે ન લેવા જેવાકે, નોકરી બદલવી, નવો ધંધો કરવો. આને લીધે ટેન્શન બમણું થાય છે. એક વખતે એક જ ટેન્શન પતવા દો. એ વખતે તમને જે વસ્તુ આનંદ આપે કે તમારું ટેન્શન ઓછું કરે એ કામ કરો. જેવું કે વાંચન કરવું કે હવા ફેર કરવી (પ્રવાસ કરવો) વગેરે.
૩. રીસેસ લો. ઘણા બધા પ્રોબ્લેમ એકઠા થઈ જાય અને પરિસ્થિતિને પહોંચી ન વળાય એવું હોય તો બધું કામ છોડીને શાંતિથી એકબાજુ બેસી જાવ અને ક્યું કામ વધું જરૂરી છે અને ક્યું પછી એની તારવણી કરી આગળ વધો.
૪. ચોગ્ય સલાહકારની સલાહ લો.
૫. દુઃખનું કે ચિંતાનું કારણ જાણવા પ્રયત્ન કરો જેથી એ ખરેખર પ્રોબ્લેમ છે કે આપણા મનથી ઉભો થયેલા પ્રોબ્લેમ છે. દા.ખ. કોઈકે નિંદાના બે શબ્દો કહ્યા હોય તો એના શબ્દોનું અને એના વ્યવહારનું વિશ્લેષણ કરો. જો સારા માટે કહ્યું હોય તો તમે તમારામાં સુધારો લાવવાનો પ્રયત્ન કરો. જો ખોટી નિંદા વૃત્તિથી કહ્યું હોય તો તેના તરફ દુર્લક્ષ કરો. ટુંકમાં કોપણ પ્રોબ્લેમને રાગ-ઝેષ વિના જોવો અને ઓળખવો. તેના ઉકેલવાના શક્ય હોય એટલા બધા પ્રયત્નો કરવા બાકી બધું ઈશ્વર પર છોટી દેવું. પ્રભુની ઈચ્છા વગર એક પાંદડું પણ હલતું નથી. બાકી પાણી પોતાનો માર્ગ શોધી લે છે એમ મુશ્કેલીઓનો હલ પણ નીકળે છે.

હળવાશ એટલે કે રીલેક્સેશન કેવી રીતે અનુભવશો ?**૧. પ્રાણાયામ અથવા ઊંડા શ્વાસ લેવા.**

શાંતિથી બેસીને ઊંડા શ્વાસ લેવા જેથી શરીરમાં વધું પ્રાણવાયુ દાખલ થાય. પેટ બને તેટલું ફૂલવા દો. થોડીક પળ પછી ધીમેથી મોં વાટે હવાને ઉચ્છ્વાસ પેટે જવા દો. આથી શ્વાસોચ્છ્વાસ તમારા કંટ્રોલમાં આવશે. પ્રાણાયામમાં પણ આ જ પદ્ધતિ છે. ઝૂં અથવા હો.....હમ. જેમાં ‘હો’ વખતે ઊંડો શ્વાસ લેવો અને ‘હમ’ ખૂબ ધીમે થવા દેવું એટલે કે ઉચ્છ્વાસ બને એટલો દબાવવો. તે જ વખતે ગળાથી છેક નાભિ સુધી લંબાણથી ઝૂં બોલવાથી ખૂબ જ રાહત અનુભવાય છે.

૨. મનને સ્વસ્થ કરવું.

કોઈ શાંત જગ્યાએ જઈને બેસવું. જ્યાં રેડિયો, બાળકો, ટ્રાફિકના અવાજો ન હોય. આરામદાયક સ્થિતિમાં બેસવું. આપણે કોઈ કુદરતી સૌંદર્યવાળી જગ્યાએ હોઈએ એવી મનોભૂમિ ઉભરવા દેવી. એ વખતે મોટી આજસ ખાઈને ધીમે ધીમે ઉચ્છ્વાસ કાઢવો. આનાથી થોડા ફેશ થઈ ગયાનો અનુભવ થશે.

૩. યોગાસનો કરવા.

વૈજ્ઞાનિક દ્રષ્ટિથી પગ હવે સાબિત થઈ ચૂક્યું છે કે યોગથી રિલેક્સ થવામાં ઘણો જ ફાયદો થાય છે. યોગ કરવાથી શરીર અને મન તંદુરસ્ત રહે છે.

જ. પેટને હળવાશ રાખો, ખાવામાં ધ્યાન રાખો. પેટ સાફ રહે તો શરીર હલકું ફૂલ લાગે છે. મનમાં તાજગી રહે છે. અને નાની-નાની બાબતોમાં ચીડ થતી નથી.

ઉપરની પદ્ધતિથી ફાયદો ન થાય અથવા સંજોગો જ વધું પડતા પ્રતિકૂળ હોય એવે વખતે સલાહકારની સલાહ લેવી. આ બધામાં સૌથી અગત્યની વાત છે જીવનમાં હકારાત્મક અભિગમ અપનાવવો.

૧. આત્મદયાને છોડો.

૨. મન મોટું રાખવું.

૩. ધાર્મિકતા અને પ્રભુમાં વિશ્વાસ

૪. સાફ વાંચન

૫. કામમાં વ્યસ્ત રહેવું.

૬. વ્યવસ્થિત પ્લાનિંગ

૭. સારી સંગત

૮. બીજાના દુઃખમાં સહભાગી બનો

૯. બહુ બધા મોરચા સાથે ન ખેલવા.

આમ, મનને સ્વસ્થ રાખવાથી જીવનના ઘણાં દુઃખ ઓછા થઈ શકે છે. જીવન તણાવમુક્ત બની શકે છે અને સાથે સાથે જીવનનો ખરેખર આનંદ મેળવી શકાય છે. ભગવાને તમને શું-શું આપ્યું છે તે ગણશો અને ઘણા લોકો આપણાથી પાછળ છે તે જોશો તો દુઃખમાંથી બહાર નીકળી શકશો. દ્રષ્ટિ હકારાત્મક રાખવી. મન નિર્ભળ રાખી પ્રભુમાં સંપૂર્ણ શ્રદ્ધા રાખવી. સત્કર્મનું ફળ સાંજ જ મળે છે અને કુકર્મનું ફળ ખરાબ જ, તે કદી ન ભૂલીને સત્કર્મમાં રહેવું.



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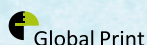
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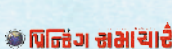
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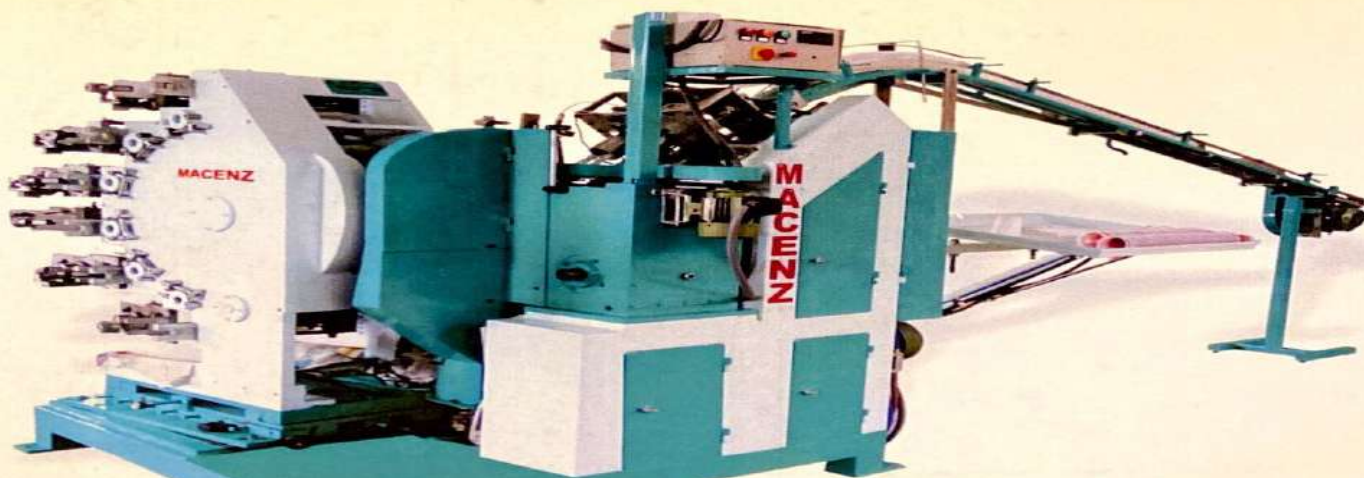
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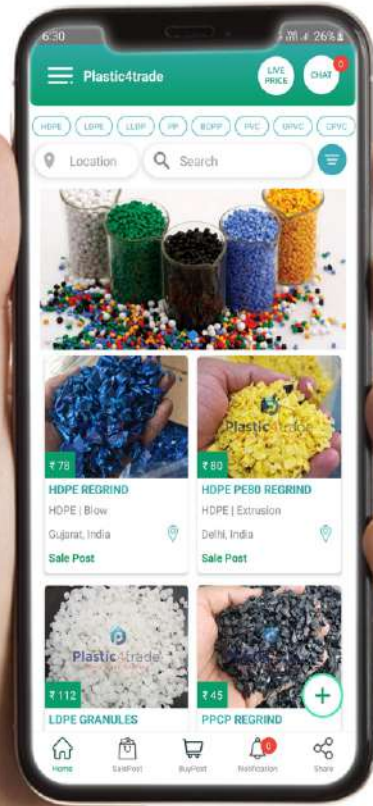
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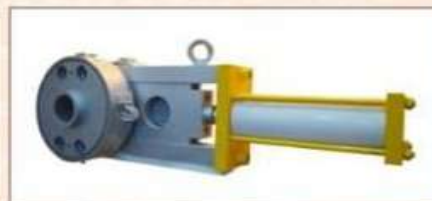
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