

ILLUMINATION

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Delivering Trust to the world of chemistry





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The word "Nutraceutical" is a combination of "Nutrition" and "Pharmaceutical." These are food-derived products that offer medical or health benefits, including the prevention and treatment of disease. Nutraceutical are food-derived products that provide health and medical benefits, including the prevention and treatment of disease.

They come in various forms:

Dietary supplements : (Vitamins, Minerals, Amino Acids), Ex.- Vitamin D Capsules, Fish Oil (Omega-3) Softgels.

Functional Foods :- (Fortified Cereals, Pro-biotic Yogurts) They are consumed as part of the normal diet., Ex.- Plant-based Milks with added Calcium and Vitamin D.

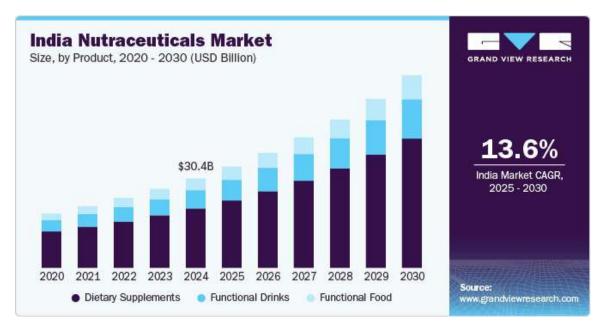
Functional Drinks :- Functional drinks are Beverages that provide additional health benefits beyond basic Hydration and Nutrition. Ex.- Electrolyte-infused Drinks, Protein shakes. etc. Why Are Nutraceuticals Becoming Popular in India?

Rising Health Awareness : Consumers, especially post-pandemic, are prioritizing preventive health measures over reactive treatments.

Convenience : Nutraceutical offer a simple way to meet nutritional needs, appealing to Urban and Rural consumers alike.

Affordability Concerns : With unregulated prices, many products remain out of reach, highlighting the need for regulatory interventions.

The Indian Nutraceutical market was valued at approximately USD 6.11 billion in 2024 and is projected to reach USD 11.55 billion by 2030, growing at a CAGR of 13.6% during 2025-2030. This growth trajectory underscores the increasing consumer preference for preventive healthcare and wellness-oriented products.



Mr. Vinay Ahuja Sr. Executive (Marketing) *Editor for the Month*



- May 2025 -PCAPL Events





Yash Pastagia





- May 2025 -CSR Activities

Inauguration of the 10th "Garasiya Moholla Anganwadi Centre, Gorwa" - adopted and upgraded as Smart Anganwadi (Play School) by Prakash



Mother's Day Celebration with engagement activities at our Adopted Anganwadi Centers



Empowering Young Minds through Menstrual Hygiene Awareness with Nutrition



Spreading Awareness and Supporting De-addiction for a Healthier Tomorrow











- Indian Institute of Technology Madras (IIT-Madras) has developed and deployed an advanced new technology for efficiently processing Wastewater from the Textile Industry.
- J G Chemicals purchases 11.43 acres land in Dahej. This investment is aimed at expanding the company's zinc chemicals and other sustainable recycling product portfolio.
- Enabling trade environment can boost India's exports of fine & speciality chemicals-While the Indian chemical industry remains a net importer overall, a few segments have a positive trade balance.
- American analytical technologies fi rm, Agilent, recently opened of its first-ever 'India Solution Centre' at its office in Manesar, Haryana underlining its strong focus on India as a "highgrowth, innovation-driven market".
- The Board of Directors of Gujarat Alkalies and Chemicals Limited (GACL), at its Meeting held on 16th May, 2025, has approved installation of three plants to produce downstream products of Chlorotoluenes with aggregate capacity of 40 TPD at an estimated investment of Rs. 81 crores at Dahej.
- Near-term outlook for the chemical industry -Chemicals will remain essential building blocks of any future we build. Chemicals are not just an enabler of other industries, but also essential to human life.
- The business of fine chemicals is one where India has carved a reasonably competitive position, both levelly and in international markets. The

- Vadodara-based Chemcrux Enterprises has inked an exclusive purchase and marketing agreement with Deepak Nitrite for Para Nitro Benzoic Acid (PNBA).The agreement involves supply of raw materials by Deepak Nitrite and/or its subsidiary Deepak Chem Tech for manufacturing of PNBA.
- CHEMEXCIL (Basic Chemicals, Cosmetics & Dyes Export Promotion Council), under the Ministry of Commerce and Industry, Govt. of India, has announce that Dr. Satish Wagh has officially taken over as the Chairman of the Council.
- The government has imposed anti-dumping duty on imports of titanium dioxide originating in, or exported from China with effect from May 10. The notification was issued by the Central Board of Indirect Taxes and Customs (CBIC).
- Near-term outlook for the chemical industry -Chemicals will remain essential building blocks of any future we build. Chemicals are not just an enabler of other industries, but also essential to human life. It is hence important to nurture a robust chemical industry that makes as wide range of products as commercially viable and/or of strategic importance.
- Laxmi Organic Industries Limited (LOIL) announced that it has received Environmental Clearance (EC) from State Environment Impact Assessment Authority (SEIAA), Gujarat for its upcoming Synthetic Organic Chemicals Manufacturing site at Dahej, Village Jolve and Vadadala, District Bharuch, Gujarat.
- Mysore Ammonia, a Mumbai-based distributor of anhydrous ammonia and a leading

both locally and in international markets. The industry plays to the country's strengths in chemistry and process engineering, while not exposing weaknesses that plagues the bulk chemicals industry, notably the lack of access to cheap energy and feed stock.

Shivtek Spechemi Industries Ltd., a Gurugrambased speciality chemicalsmanufacturer belonging to the Shiva Group of Industries, has announced plans to invest Rs. 650-crore to set up new manufacturing units in Gujarat. Ahmedabad-based Speciality Gases Pvt. Ltd. have announced the formation of a new joint venture Mysore Speciality Ammonia LLP.

Arete Group, Gujarat-based industrial infrastructure developer, has announced the launch of the phase-2 of Payal Industrial Park (PIP) at Dahej, within the Petroleum, Chemicals and Petrochemicals Investment Region (PCPIR).

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Once upon a time, in a luxuriant green forest, there lived a beautiful Peacock named Pavo. His feathers shimmered in the sunlight, with colors that ranged from deep blues to vibrant greens. Pavo was proud of his stunning feathers and often boasted about them to the other animals in the forest.

One day, while walking along the forest path, Pavo came across a little Sparrow named Chirpy. Chirpy was small, with plain brown feathers, but she was always kind and cheerful. Pavo, seeing her, decided to show off his feathers. "Chirpy, look at my beautiful feathers!" Pavo said with a proud. "I am the most magnificent Bird in the entire forest. No one can compare to me." Chirpy smiled and said, "You do have beautiful feathers, Pavo, but you know, true beauty lies in the heart, not just the outside."

Pavo laughed and said with pride "Oh, Chirpy, you're just a tiny bird. You wouldn't understand. Look at me, I'm the most admired creature and everyone loves me because of my feathers." But Chirpy without saying any word flew away, leaving Pavo to bask in his pride.

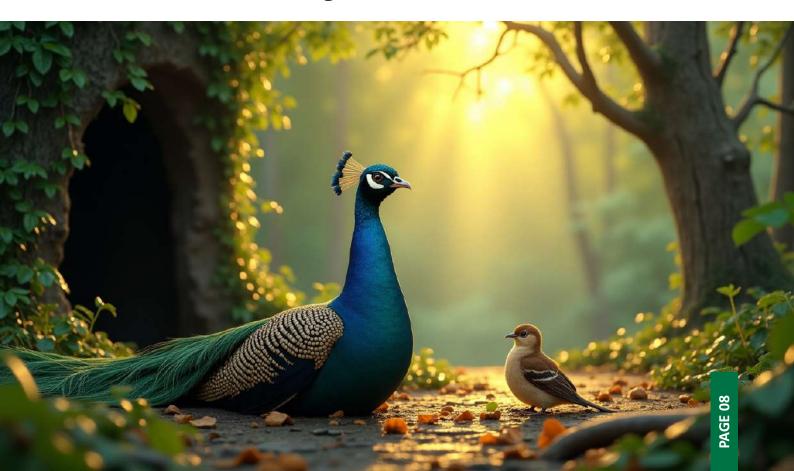
Weeks passed, and one day, a terrible storm swept through the forest. The wind howled, and the rain poured down. Many animals took shelter, but Pavo, in his arrogance, decided to stand outside, hoping to show off his feathers even in the Storm. As the Storm raged on, Pavo's feathers, which he had always prided himself on, got soaked and weighed down. The vibrant colors began to fade and feathers looked dull and heavy. He was unable to fly or find shelter because his wings were too burdened with the wetness of his feathers. In the mean time the small sparrow Chirpy found a safe spot under a tree. When the storm passed, she came out and saw Pavo is struggling. Her heart filled with pity and flew to Pavo and said, "Don't worry, I'll help you!" She guided him to a nearby cave where they could both stay safe and warm until the storm had passed.

The next day, when the Sun finally returned, Pavo's feathers were still wet and dull. He was ashamed of his earlier behavior. Chirpy, on the other hand, was as cheerful as ever, though her feathers were plain and unremarkable. Pavo looked at her and realized something important. "Chirpy," he said quietly, "you were right. I spent so much time focusing on my appearance that I forgot what really matters. You showed me kindness, not because of how I looked, but because of who I am. I have learned today that true beauty comes from within, and it is the heart that makes a person truly magnificent. Chirpy smiled and said to Pavo "It's never too late to change and we are all beautiful in our own way. What truly matters is the kindness we show to others."

From that day on, Pavo became a more humble and kind-hearted Peacock. He no longer boasted about his feathers but instead worked on being a good friend to everyone in the forest.



"True beauty lies not in outward appearances, but in the kindness and goodness within our hearts."



Today's fast-paced Work Environment, Empathy has become more than just a Soft Skill—it is a crucial component of effective leadership, teamwork, and organizational success. Empathy, the ability to understand and share the feelings of others, plays a vital role in creating a positive and productive workplace culture.

Empathy in the workplace means being keyed to the emotions and experiences of colleagues, clients, and employees. It involves listening actively, recognizing others' perspectives, and responding with kindness and understanding. Empathy requires a deeper emotional connection and the willingness to support others in meaningful ways. Some of the key benefits are:

Improved Communication : Empathetic employees and leaders are better listeners and more open-minded. This leads to more respectful communication, minimizing misunderstandings and reducing workplace conflict.

Stronger Team Collaboration: Teams that practice empathy tend to work more cohesively. When members understand and appreciate each other's challenges and strengths, collaboration becomes smoother and more productive.

Increased Employee Engagement and Retention : Empathy helps to build trust and psychological safety, making people feel more connected to their workplace.

Better Leadership : Empathetic leaders can connect with their team on a personal level, offering support during times of stress and recognizing individual needs. This kind of leadership fosters motivation, respect, and a stronger organizational culture.

Enhanced Customer Relations : When employees are trained to approach customer service with empathy, customers feel valued and respected. This not only improves satisfaction but also builds long-term loyalty.

Greater Innovation and Problem Solving : A culture of empathy encourages diverse viewpoints and open dialogue which leads to more creative solutions and a more inclusive decision-making process.

By fostering empathy at all levels, companies can create a more humane and productive environment where individuals feel supported and empowered to do their best work. As workplaces continue to evolve, Empathy will remain a Cornerstone of successful, sustainable leadership and teamwork.







Q1- Given below four corner squares, start at one of them and spiral clockwise around the perimeter to spell out a nine-letter word, filling in the missing letters and ending at the center square.

Ĉ.	Т	
0	0	0
Р	L	L

- Q2- What Animals do the following numbers symbolize
 - 3, 1, 12, 6 12, 9, 15, 14 4, 5, 5, 18 23, 15, 12, 6



- Q3- I come out in various colours, when filled look bigger, drift away not to strap and make big din if crack. Who am I ?
- Q4- Make a 9 letter word from letters given below : LOPER

Q5-	7546	=	12
	5833	=	27
	6384	=	32
	7596	=	??

Winner of the Puzzles - April 2025

!!! Congratulation - Mr. Nayan Kadchha **!!!**

	Q. 1) BREATH
Answer to	Q. 2) PIE
the Puzzles of	Q. 3) 491638
Apr 2025	Q. 4) (B) AA (B) BA (A) BB (A) AB (B) AA (B)
	Q. 5) Egg

TALENT WINS GAMES, BUT TEAMWORK & INTELLIGENCE WIN CHAMPIONSHIPS

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Our Network



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