

ILLUMINATION

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PRAKASH
Chemicals Agencies



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The Future of Indian Speciality Chemicals

The Speciality Chemicals Industry in India has witnessed secular growth over the past few years, driven by strong traction in the end-user markets, and the emergence of India as the preferred manufacturing destination for companies across the globe.

India's chemicals industry, which stood at USD 180 billion in 2019, represents one of the bright spots within the Indian manufacturing sector. The speciality chemicals segment, at USD 32 billion in 2019, constitutes about 18% of the total chemical industry in India.



Fig. No.1 India Speciality Chemicals Industry Size (USD Billion)

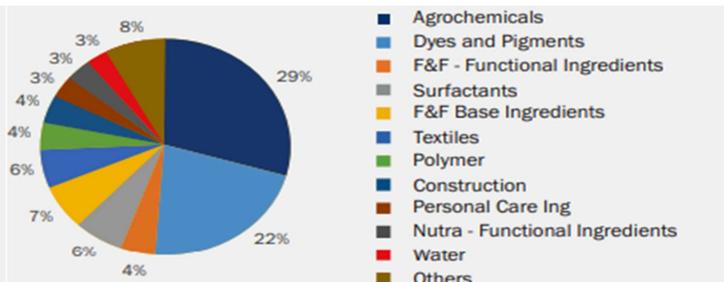


Figure No.2 Speciality Chemicals Industry - By Segment

Gujarat and Maharashtra have emerged as the most preferred manufacturing destinations for leading Chemical Manufacturers, with 15 out of the Top 25 Speciality Chemical Companies in India having their manufacturing units in these states.

India is largely self-sufficient when it comes to petrochemical, as a result, India continues to be a net Importer of Petrochemical Intermediates and bulk Chemicals. As we move downstream, though, towards value-added speciality chemicals, India is a net exporter, being a key supplier for a wide array of speciality chemicals for players across the globe.

Key Characteristics of Indian Speciality Chemicals: - Strong export presence: India's low-cost manufacturing capabilities, strong process engineering skills and abundant availability of manpower have made it a preferred manufacturing destination for players across the globe. As a result, the Indian Speciality Chemicals Industry is emerging as an export hub, with export-oriented businesses growing faster than domestic ones.

Strong growth potential in the domestic market: India's per capita Speciality Chemical consumption continues to be significantly lower than developed markets. At the same time, growing disposable incomes and rapidly increasing urbanization are fuelling growth in end-user segments, such as paints, textiles, adhesives, and personal and home care products, which in turn bodes well for the domestic consumption outlook of the Speciality Chemicals Industry in India.

Lower focus on R&D Activities: The Domestic Speciality Chemical Industry is largely 'genericized' with only a handful of companies developing truly innovative and unique products. Even some of the larger players in India spend less than 3% of their revenue on R&D activities vis-à-vis 6-10% spent by their global counterparts.



Mr. Nikhilesh Swain
Executive (Marketing)
Editor for the Month

EVENT HIGHLIGHTS

ChemExpo India exhibition draws huge crowd; cements position as the 'must-attend' event for chemical sector

The Indian chemical industry fraternity gathered in huge numbers at the Bombay Exhibition Centre in Goregaon, Mumbai, on April 20 and 21 to attend the ChemExpo India 2022 exhibition showcasing the nation's wide-ranging capabilities in the chemical and allied sectors.

Organised by ChemExpo Exhibitions Pvt. Ltd., with active media support from *Chemical Weekly*, the event – the largest physical trade fair for the chemical sector to be held after the COVID pandemic struck two years ago – afforded the opportunity for the much-needed physical interactions and networking.

Networking platform

Mr. Sandeep Kumar, Associate General Manager (RM Purchase), IOL Chemicals and Pharmaceuticals Ltd., who visited the event said, "There is no substitute for a quality network. It takes time to grow a personal network and ChemExpo India has given the perfect opportunity to every sourcing professional."

Mr. Amit Mehta, Managing Director of an exhibiting company, S. Amit

& Co., said the expo provided the right impetus to get industry professionals out of their comfort zones, not having met people for over two years. "Even though we have had Zoom meetings during the past two years, at the end of the day, nothing works as well as being in front of your clients and customers," he remarked, adding that the expo was the perfect networking platform to meet the "right people for the right objective".

"We were glad to see so many visitors turning up for this physical trade-show. Nothing beats the feeling of a firm handshake and a one-on-one meeting," reiterated a representative of Amfico Agencies Pvt. Ltd., an exhibitor.

"Meeting a cross-section of stakeholders in person is an experience that a virtual meeting cannot substitute," pointed out Mr. Firoz Patrawala, Chairman, New Age Fab Technologies Pvt. Ltd. (NAFTech), also an exhibitor.

Mr. Dilip Shah, Managing Director, Prakash Chemicals International Pvt. Ltd., an exhibitor, opined that with most major companies in the chemical indus-

try participating in the event, ChemExpo India is a "perfect common meeting ground to network with so many people at a time." "Being a distribution company, we keep on adding products in our portfolio and events like this give us the perfect opportunity to inform the industry about these developments," he added.

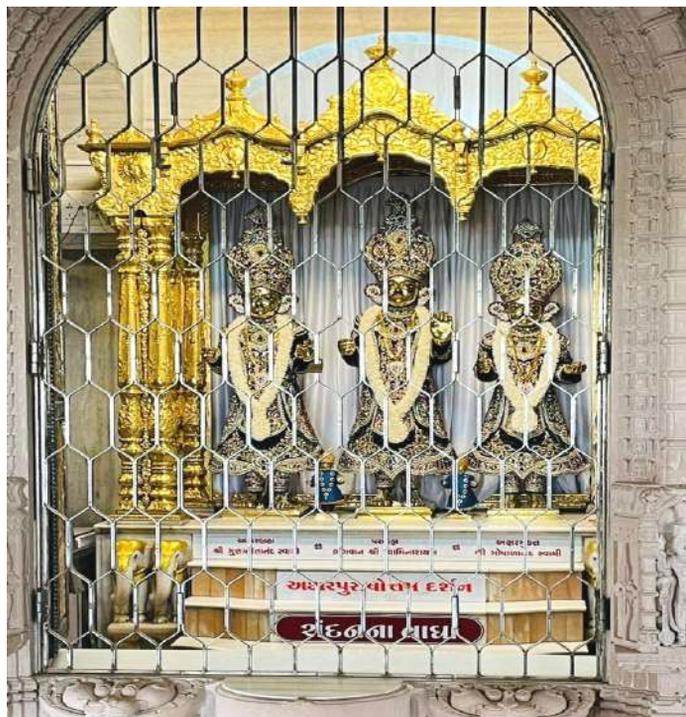
The hunger for face-to-face meetings was evident from the very first hour of the show with visitors thronging virtually every booth at the event. The tremendous visitor participation also continued on the second day – with the organisers having to extend show timings to enable visitors to complete their meeting schedules. According to preliminary estimates, over 18,000 industry personnel visited the event – a stunning achievement considering the post pandemic environment.

"Let's call this what it is – the biggest chemical industry event in India. It is one of the most exciting events I've been to after the pandemic," was how Mr. Sanket Sodhani, Assistant Manager – Corporate Communications, Deepak Group, described the expo.

Prakash Conducted Seminar on the Power of Spirituality in our Professional Life on 03.05.2022



Pilgrimage to Sarangpur & Mani Laxmi on 07.05.2022

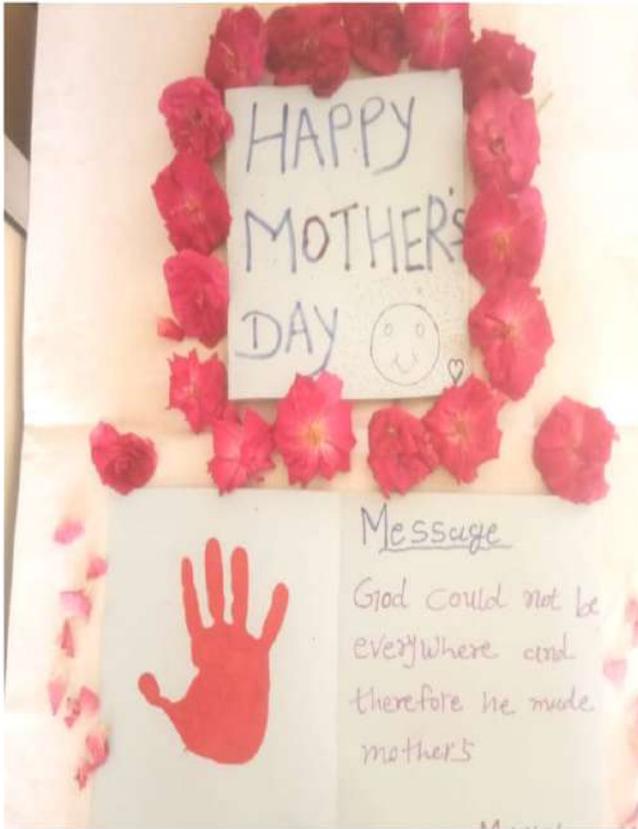


**May 2022 - Birthday Wishes to Mr. Ashok Patel, Ms. Krunali
Mrs. Mariamma & Mr. Ujjawal Shah**



May 2022 - CSR Activities

Mother's Day Celebration with mothers of our adopted Anganwadi Centers.



Market Updates

- ❖ India's specialty chemicals sector has been playing a pivotal role in driving the chemical industry's growth. It constitutes approximately 20% of the total chemicals market in India by value
- ❖ India's Specialty Chemicals Sector has been playing a pivotal role in driving the Chemical Industry's growth. It constitutes approximately 20% of the total Chemicals market in India by value. India is emerging as a preferred manufacturing hub including contract and custom synthesis for specialty chemicals both for domestic as well as export markets.
- ❖ Gujarat Alkalies and Chemicals Ltd. (GACL) and GAIL(India) Ltd. (GAIL) have joined hands to set up a bioethanol plant of 500 klpd (Kilolitres per day) capacity.
- ❖ The Oil Marketing Companies (OMCs) -Bharat Petroleum Corporation Ltd. (BPCL), Indian Oil Corporation Ltd. (IOC) and Hindustan Petroleum Corporation Ltd. (HPCL) have entered into a long-term purchase agreement for upcoming dedicated Ethanol Plants across the country.
- ❖ India and Germany to establish Green Hydrogen Task Force. This will strengthen mutual cooperation in production, utilization, storage, and distribution of Green Hydrogen through building enabling frameworks for projects, regulations and standards, trade and joint research and development (R&D) projects.
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- ❖ Nexcharge commences production of Lithium-Ion Battery Packs in Gujarat - The new state-of-the-art, fully automated manufacturing facility is spread across 610,098 Sq.ft and is claimed to be the largest in India for the production of Lithium-ion battery packs and modules.
- ❖ Joint Task Force to explore possibilities of manufacturing Pharma & Agro Intermediates - The Union Minister emphasized the need for India to go in or import substitution of these raw materials / intermediates, strengthen the existing Ecosystem of PCPIRs, encourage investments in Cracker Plants and leverage the industrial strength of the Sector.
- ❖ DIC Corporation announced today that its wholly owned subsidiary Ideal Chemi Plast Private Limited, based in the state of Maharashtra, India, has commenced construction of a new coating resins production facility in the state's Supa industrial area. The new greenfield project will increase Ideal Chemi Plast's production capacity for these resins, enabling it to keep pace with rising demand in India.
- ❖ IIT-M setting up new research centre for frequent waste water analysis. The facility will act as an intelligence unit to track and prevent a virus outbreak in its early stages.
- ❖ The Ministry of Ports, Shipping and waterways will build the First indigenous Hydrogen Fuelled Electric Vessels at Cochin Shipyard Ltd. (CSL).

- ❖ Pharma major Pfizer has set up a global drug development centre in Chennai, the first and only facility in Asia for the company, which will develop products for global market and support the company's manufacturing centers worldwide.
- ❖ Ethanol manufacturers are planning to invest around Rs. 3,000 crore for setting up 17 manufacturing units in different districts of Bihar, says Sandeep Poundrik, Principal Secretary, Department of Industries, Government of Bihar.
- ❖ Jubilant Ingrevia Ltd. has commissioned its new Green Ethanol based Food-Grade Acetic Acid Plant at its manufacturing facility in Gajraula, Uttarpradesh.
- ❖ Indo Amines Ltd., the Mumbai based maker of Fine, Speciality & Performance Chemicals, has listed its shares on the National Stock Exchange (NSE).
- ❖ Vegetable Oil Markets have been on the boil for variety of reasons, some of which has to do with market fundamentals, viz. demand and supply and some with the geographical developments including the war of Ukraine. This has implications for energy and chemical markets, through the linkages with biodiesel and a range of Oleo Chemicals.
- ❖ H2e Power systems, a Pune based fuel cell and Electrolyser start-up has commissioned the country's first commercial-grade green hydrogen production plant for Oil India Ltd. (OIL) at Jorhat, Assam.
- ❖ Como Speciality Chemicals, a subsidiary of Cosmo Films Ltd., has launched Wetofast range - an Eco friendly solution to maintain high quality of fabrics.
- ❖ Elixia Tech Solutions, provider of Logistics Software Solutions, is planning to expand its business in Gujarat with focus on providing services to the Industrial and Chemical Manufacturing Sectors.
- ❖ Solvay is launching a new Renewable Materials and Biotechnology platform, dedicated to developing innovative and sustainable solutions for a range of markets, using renewable feedstocks and biotechnology.
- ❖ The Union Minister for Power and New and Renewable Energy R. K. Singh and German Minister for Economic Affairs and Climate Change Dr. Robert Habeck signed a Joint declaration of intent on the Indo-German Hydrogen Task Force virtually. As per the agreement, both countries will establish an Indo-German Green Hydrogen Task Force to strengthen mutual cooperation in production, utilization, storage, and distribution of green hydrogen through building enabling frameworks for projects, regulations and standards, trade and joint research and development (R&D) projects.
- ❖ U.S. Chemical Manufacturers Report that supply chain problems have gone from bad to worse this year. According to the results of a follow up survey released by the American Chemistry Council (ACC), transportation-related supply chain problems have escalated and have resulted in serious disruptions to manufacturing operation.

Why the Sky is far away ?

Bhim & Ram went to take their lunch and while opening the lunch box they felt very bad as they are getting same food again and again without any change. They pushed their food aside and planned to eat something at the burger place after school hrs and started studying for their Test instead of eating. When the bell rang, they dropped their uneaten lunches into the garbage. The Principal Mr. Frank was standing nearby and noted what they are doing and asked "Not hungry, my dear guys?" They shook their heads and hurried off to class.

Mr. Frank stood at the front of the class till the test was over and told to Bhim & Ram "Before you leave today I'd like to share an old African folktale "**Why the Sky Is Far Away**" with you which I think you'll find very interesting and fruitful. Bhim & Ram agreed and started listening the story very eagerly. Mr. Frank started to share the story.

"Long ago the Sky was close to the Earth. Men and women did not have to plant their own food. Instead, when they were hungry, they just reached up and broke off a piece of the sky to eat. Sometimes the sky tasted like ripe bananas. Other times it tasted like roasted Potatoes. The sky was always delicious. As they got food from Sky as Gift, the people spent their time in the wonderful Palace of their Grand King Oba by making various beautiful articles, painting pictures and sang songs at night.

But Many people in the Kingdom did not use the Gift of the Sky wisely. When they took more than they could eat, the Sky became angry. Some people threw the extra pieces into the garbage.

Early one morning the angry Sky turned dark. Black clouds hung over the land and Sky with a great voice said to all people, "You are wasting my gift of food. Do not take more than you can eat. I don't want to see pieces in the garbage anymore or I will take my gift away." The king and the people trembled with fear. King Oba Ordered " Be careful about how much food we take and no wastage". For a long time, all the people were very careful to avoid wastage.

But one man named Adami wasn't careful. One day, at a festival time, he took so many delicious pieces of sky that he couldn't eat fully. He knew he must not throw them away and he asked his wife and children to help him to eat the delicious pieces of sky, but the children couldn't eat one more bite. So Adami decided to try to hide the pieces at the bottom of the garbage pile.

Suddenly, the sky became angry and the clouds turned black. "You have wasted my gift of food again," yelled the sky. "This time I will go away so you cannot waste me anymore." All the people cried, "What will we eat? We might starve!" The Sky sailed away saying "You will have to learn how to plant crops in the ground and hunt in the forests. If you work hard, you may learn not to waste the gifts of nature. From that day they worked hard to grow their food and cook their meals. They always tried to remember not to waste the gifts of nature.

Mr.Frank asked Ram and Bhim "What did you understand and think about the story" Ram & Bhim slouched in their chairs and looked apologetic and with a smile they said we realized the fact and determined "*Neither waste food nor throw it in Garbage* "

How to become successful ?

Success is a concept that is different for every person. Whether it means having a great career, a home or a family, success is something everyone strives to achieve. It makes you feel proud, it gives you excitement and it lets you know you have made an impact in a competitive world.

Success is not something you attain without putting in effort, however. It is a mindset you must adopt to accomplish your goals and grow as a person, and it takes hard work. There is no right or wrong way to be successful, but there are steps you can take to become more successful based on your own definition of the goal.

Through commitment, one can gain motivation to pursue success. Should make a list that includes your goal, your level of commitment to the goal and what you are willing to do to achieve that goal. Rather than focusing strictly on the results of your accomplishments, take notice of the small steps needed to achieve success. Developing a positive mindset is all about trusting yourself and your ability to succeed. Also necessary to replace any negative thoughts with positive ones to motivate.

Success has been man's primary stimulus. In order to be successful one needs to cultivate and develop certain basic qualities. First of all it is very necessary to know the aim and objective. You must be very clear in your objectives to be achieved. Having decided your aim or career, you must pursue it with great care and sincerity. Profession may be humble or ambitious, it never matters. What matters is that you cherish it with all your mind and heart. You must hold your profession in high respect. All work is sacred and dignified and never suffer from inferiority complex as regards the work.

For success one needs 5% inspiration and 95% perspiration. There is no substitute for hard labour. Hard work alone takes one at the top of the success. Nothing great and good can be achieved by inspiration or insight alone. Patience and steady labour is the rock-foundation on which you can build your mission of success.

In order to be successful, one must always be capable to learn from others, from their mistakes and experience. Never find faults with his tools or luck and always engage in doing right things at right time to achieve success. A successful man is never indecisive, or lacking in self-discipline or control. He always cultivates good habit, good manners and believes that honesty is the best policy. He also keeps his body fit because he knows that a sound mind resides only in a sound body. He believes in and practices the dignity of labour but avoids overwork.

- Q.1) $13 + 13 + 36 = 231$
 $16 + 16 + 47 = 335$
 $18 + 18 + 55 = 415$
 $26 + 26 + 35 = ???$

Q.2) Given below 7 set of letters. Find the odd set. Give your reply with full explanation.

HLS

EIP

VZG

IMT

YDK

MQX

TXE

Q.3) I am foliage, not trees. I am flora, not fauna. I am shrubbery, not grass. What am I ?

Q.4) What always on the floor but never gets dirty ?

Q.5) You use a knife to slice my head and weep beside me when I am dead. What am I ?

Winner of Puzzle Competition - April 2022 Edition

!! Mr. Mayur Sant - Congratulations !!

Answer to the Puzzles of April 2022

Puzzle No.1) Ans : **HABIT**

Puzzle No.2) Ans : **LIGHT**

Puzzle No.3) Ans : **AIR/WIND**

Puzzle No.4) Ans : **TEA**

Puzzle No. 5) Ans : **79**



- Representing -



- Accredited -



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- Mumbai (Warehouse):**
- 1) Sohil Warehouse, Near Adarsh Katta, Anjur Valgaon Road, Nr. Rahnal Village, Off Mumbai-Agra Road, Bhiwandi (Thane) Mumbai, India.
 - 2) Momai Warehouse - Prerna Complex, Bldg. No. B-7 Gala No.1, Anjur-Dapode Road, Val Village, Bhiwandi-421305, Thane.
- Rajkot (Warehouse):** Khodiyar Park Shed No.3, Ruda Transport Nagar, Sokhada Village, Navagam, Taluka : Rajkot, Dist. Rajkot - 360 002. Contact Nos. 84889 80856, 8511166879, 63588 08757