

ILLUMINATION

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Overview of Chemical Industry



Covering, more than **80,000** commercial products, India's chemical industry is extremely diversified and can be broadly classified into bulk chemicals, specialty chemicals, agrochemicals, petrochemicals, polymers and fertilisers.

Globally, India is the fourth-largest producer of agrochemicals after the United States, Japan and China. India accounts for ~16% of the world production of dyestuffs and dye intermediates. Indian colorants industry has emerged as a key player with a **global market share of ~15%**.

The country's chemicals industry is de-licensed, except for few hazardous chemicals. India holds a strong position in exports and imports of chemicals at a global level and ranks **14th in exports and 8th in imports** at global level (excluding pharmaceuticals).

The domestic chemicals sector's small and medium enterprises are expected to showcase **18-23%** revenue growth in FY22, owing to an improvement in domestic demand.

India's proximity to the Middle East, the world's source of petrochemicals feedstock, enables it to benefit on economies of scale.

The Indian chemicals industry stood at US\$ 178 billion in 2019 and is expected to reach US\$ 304 billion by 2025 registering a CAGR of 9.3%. The demand for chemicals is expected to expand by 9% per annum by 2025. The chemical industry is expected to contribute US\$ 300 billion to India's GDP by 2025.

An investment of Rs. 8 lakh crore (US\$ 107.38 billion) is estimated in the Indian chemicals and petrochemicals sector by 2025. The specialty chemicals constitute 22% of the total chemicals and petrochemicals market in India.

Indian manufacturers have recorded a CAGR of 11% in revenue between FY15 and FY21, increasing India's share in the global specialty chemicals market to 4% from 3%, according to the Crisil report. A revival in domestic demand and robust exports will spur a 50% YoY increase in the CAPEX of specialty chemicals manufacturers in FY22 to Rs. 6,000-6,200 crore (US\$ 815-842 million). Revenue growth is likely to be 19-20% YoY in FY22, up from 9-10% in FY21, driven by recovery in domestic demand and higher realisations owing to rising crude oil prices and better exports.





September 2022 - PCAPL Celebrations and Group Events







PCAPL - Drawing Competition







- September 2022 - PCAPL Birthday Celebrations

















September 2022 - CSR Activities

60+ Students were given Scholarship under Prakash chemicals CSR initiative





















Rakhi Making Workshop



September 2022 - CSR Activities





















- Gujarat Alkalies and Chemicals Ltd (GACL) has successfully commissioned expansion of caustic soda plant at Dahej Complex and started production from newly installed facility.
- Maersk (Maersk) has inaugurated two new warehouses in India, that are strategically located near the National Capital Region (NCR) in the northern part of the country.
- Addressing the third meeting of Chemicals and Petrochemicals Advisory Forum, Union minister of Chemicals & Fertilizers Shri Mansukh Mandaviya said, "Chemicals and petrochemicals sector can transform India into a global manufacturing hub in sync with PM Narendra Modi Ji's vision of 'Make in India, Make for the World'.
- Prime Minister Narendra Modi has called for concerted efforts to make India a global centre of research and innovation, and urged state governments to frame modern policies in the fields of science and technology.
- Chemicals and Fertilisers Minister Mr.Mansukh Mandaviya informed that all Subsidized Fertilisers, including Urea and DAP (Diammonium Phosphate), will be sold from October under a single brand name "Bharat" as part of the Centre's 'One Nation, One Fertiliser' initiative.
- The Plastic Export Promotion Council (Plexconcil) has urged the government not to impose mandatory standard certification norms on import of polymers as it will have "serious" ramifi- cations on the outbound shipments of the sector. India's plastics exports have already recorded a contraction of 4.2 percent to \$3.27-bn during April-June 2022.
- EKI Energy Services Ltd. (EKI), an Indore-based carbon credit developer & supplier, announced that it has become the first company to list a plastic project from India under a global accreditation standard.

- The \$4.7 trillion global chemical industry is critical to modern living and a key enabler of several other industries. Though it directly contributes about 4% to global GDP and employs 15-mn globally, its indirect impacts are larger and farreaching. By some estimates, a whopping 98% of all manufactured goods use some chemical input at some stage of their manufacturing.
- India will benefit greatly from enabling domestic manufacturing of electrolysers (and belatedly fuel Cells). This will allow the country to achieve technical capability, participate in an emerging global market underpinning the clean energy transition and capture more of the economic gains of this transition.
- In line with Central Government's roadmap for Ethanol blending in petrol released in June 2021, Fertilizer major Krishak Bharati Cooperative (Kribhco) is in the process of setting up Three greenfield grain-based Ethanol Manufacturing Plants in Gujarat, Andhra Pradesh & Telangana on next 3 years.
- Lords Chloro Alkali Ltd is in the process of expanding its existing caustic soda production capacity approximately by 42% i.e. from 210 Tonnes Per Day (TPD) to 300 TPD at its plant in Alwar, Rajasthan. The commissioning of the aforementioned projects is expected by September, 2023.
- Ludhiana-based IOL Chemicals & Pharmaceuticals is diversifying its active pharmaceutical ingredient (API) and speciality chemicals portfolios and is investing Rs. 300-crore on capex to set.
- Higher Gas prices in Europe has led to cut in production of Key Chemicals up to 50%. This could be an opportunity for Indian Chemical Players.

Arrogant King & Wise Sage



Once there was a Kingdom which was ruled by a tyrant king. He was so arrogant that he couldn't stand praise of anyone else except for himself. Due to his arrogance, he did not have good relation with Kings ruling surrounding Kingdom. Even people of his own Kingdom used to criticize him. A Sage who was passing through Kingdom heard about King and thought of teaching him a lesson.

Sage started walking towards King's Palace and without taking Guards permission he reached inside the Palace. When king saw a Sage inside the Palace he was filled with anger and said what is this behavior? How did you came inside without asking permission?

Sage politely replied "I want to stay at this Inn tonight. King got enraged hearing this and said angrily. This is my Royal Palace. Its not an Inn, go some where else. Sage said OK I will go. But before going, please tell me whose Palace was this before you.

King replied "it was my father."

Sage again asked "whose Palace was this before your father?" King replied "my Grandfather's".

Sage smiled and said "O" King - this Royal Palace was your Grandfather's for some time and for some time it was your father's Palace and now for some time it is yours. Tomorrow it will be some one else. Then why are you so arrogant about this?

King understood the deep meaning hidden inside the words of the Sage and fell at the feet of Sage and took an Oath to never be arrogant again.

The Sage was very kind and wise. Within few days, Sage admiration was spread through kingdom. And helped people by giving wise answers for their queries.



Whatever wealth we have, all that is ours, is ours only for a short while. After a while the Owner changes that means one should not get arrogant about the things they have.



What is Time Management and Task Prioritization?



Time management: It is the process of planning and controlling how much time to spend on specific activities. Good time management enables an individual to complete more in a shorter period of time, lowers stress, and leads to career success. It is the practice of allocating time to tasks productively and efficiently. It involves planning out the daily activities and exercising conscious control of time as to complete those activities. Some common themes for effective time management include clear goals, priorities, and expectations. This practice of time management can apply to any part of life, including professional and personal time. But in professional spheres, perfecting time management is one of the most vital skills employees should develop.

■ Task prioritization:

It is the process of assigning order to tasks based on their urgency and importance. The goal is to improve time management and productivity by focusing on and organizing the tasks according to urgency. Prioritization allows to use time productively and focus on the day's most important tasks. By understanding the priority of each task, do assign an order to determine when and how to accomplish each task for which some general tips are given below:

Make a List:

Document the current outstanding tasks. Jot down any tasks or assignments that come to mind so that you can visualize the extent of the work awaiting you.

Know the Deadlines:

Add task deadlines to the list which allows you to more effectively separate your urgent tasks /Sensitive items from less time sensitive items.

Estimate the Time and Effort:

By understanding the resources it takes to complete each task, you can more effectively identify the priority of a task and plan a course of action for tackling your list.

Determine the Highest-Priority Tasks:

Identifying the highest-priority tasks based on urgency and importance, will give clarity on what needs the most attention. Sometimes the hardest task is the one with the highest priority. and for completing the same in time, it is very necessary to increase the efficiency for managing your priorities and time.

Remain Flexible :

According to urgency, either deadline may be extended or shortened, or an assignment may suddenly be cut. It is important to remain flexible so that you can adjust task priorities and tackle your to-do list the most effectively. Keep track of the tasks and deadlines are also very important for the smooth working and completion of tasks.







Q1- I start increasing during night and shrinking during day... Who am I?

Q2- 24 x 24 = 384 27 x 27 = 1764 34 x 34 = 672 37 x 37 = ?

Q3- DATA = 104 LOUD = 208 HOPE = 176 SAVE = ?

Q4- I am a container holding water but not a cup. If you want to find me, look up... What am I?



Answer to the Puzzles of July 2022

Puzzle No.1) Ans: 3826

Puzzle No.2) Ans: CLIMATE

TOPOGRAPHY

SOIL TYPE

Puzzle No.3) Ans: 95

Puzzle No.4) Ans: SADOW

Ego is a misidentification - Attachment to the wrong image of self. This image always tries to control & posses the outer world.

Love is the true vibration of soul which flows, forgives, and serves.



Our Network



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2) Momai Warehouse - Prerna Complex, Bldg. No. B-7 Gala No.1, Anjur-Dapode Road, Val Village, Bhiwandi-421305, Thane.

Rajkot (Warehouse):

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