

GOVERNMENT OF INDIA  
MINISTRY OF CHEMICALS AND FERTILIZERS  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 798**  
TO BE ANSWERED ON 07/02/2025

**STRATEGIES GLOBAL COMPETITIVENESS IN CHEMICAL  
MANUFACTURING**

798. SHRI BALYA MAMA SURESH GOPINATH MHATRE:

Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

- (a) whether the Government is pursuing strategies to enhance the global competitiveness of domestic manufacturing, fostering the emergence of leading chemical manufacturing companies, promoting export growth and stimulating job creation in the country;
- (b) if so, the details thereof including the strategy formulated and initiatives taken by the Government in this regard; and
- (c) the total amount of fund (s) allocated and utilised under the said scheme in the State of Maharashtra?

**ANSWER**

MINISTER OF STATE FOR CHEMICALS AND FERTILIZERS  
(SMT. ANUPRIYA PATEL)

(a) & (b) : To enhance the global competitiveness of domestic manufacturing, fostering emergence of leading chemical manufacturing companies, promoting export growth and stimulating job creation in the country, Department of Chemicals & Petrochemicals has taken following initiatives:

**(i) Petroleum, Chemical and Petrochemical Investment Regions (PCPIRs)**

Government of India has notified the PCPIR Policy to attract investment and for generation of employment. PCPIRs promote Chemical and Petrochemical sectors in an integrated and environmentally friendly manner on a large scale. PCPIRs are conceptualized in a cluster-based approach with common infrastructure and support services to provide a competitive environment conducive for setting up businesses. At present, three Petroleum, Chemical and Petrochemical Investment Regions (PCPIRs) have been implemented in the States of Andhra Pradesh (Vishakhapatnam), Gujarat (Dahej) and Odisha (Paradeep) to promote investment and industrial development in these sectors.

The status of implementation of these PCPIR projects is as under:

Indicator	Gujarat	Andhra Pradesh	Odisha	Total
Location/	Dahej,	Vishakhapatnam–	Paradeep	-

<b>Region</b>	<b>Bharuch</b>	<b>Kakinada</b>		
Date of Approval	Feb, 2009	Feb, 2009	Dec, 2010	-
Total Area (Sq. kms.)	453.00	640.00	284.15	1377.15
Investments made (Rs. Crore)	1,28,509	58,918	73,518	2,60,945
Employment generated (No.)	2,45,140	86,123	40,000	3,71,263
No. of Chemical Units	626	150	48	824

These PCPIRs have attracted a cumulative investment of Rs. 2.6 lakh crore and resulted in establishment of 824 units and generated employment to 3,71,263 persons.

**(ii) Plastic Park Scheme**

The Department of Chemicals and Petrochemicals (DCPC) implements the Scheme for Setting up of Plastic Parks. The Scheme promotes setting up of need-based Plastic Parks with requisite state-of-the-art infrastructure and enabling common facilities. The objective is to consolidate and synergize capacities of downstream plastic processing industry to help increase investment, production and export in the sector as well as generate employment. Under the Scheme, Government of India provides grant funding up to 50% of the project cost, subject to a ceiling of Rs 40 crores per project. In accordance with the Scheme Guidelines, 10 Plastic Parks have been approved so far and the same are at different levels of implementation.

**(iii) Plastic Waste Management Centers (PWMC):**

As a part of the Department's efforts to promote sustainable development of the sector, the Department has established PWMCs at Bengaluru, Bhagalpur and Varanasi.

**(iv) Centers of Excellence (CoEs):**

With the objective of promoting research and development efforts in the chemical and petrochemical sector to develop new molecules and technologies, the Department has set up Centers of Excellence. The objective is to provide grant-in-aid to educational and research institutions to improve existing technology and promote development of new applications of polymers, chemicals and plastics. The emphasis of the Scheme is on modernization and upgradation of existing manufacturing processes as well as improving the quality of products. Under the scheme, the Government of India provides financial support upto 50 per cent of the total project cost subject to an upper limit of Rs. 5 crores. So far, 18 CoEs have been set up under this scheme.

**(v) Foreign Direct Investment (FDI):**

To attract foreign direct investment in the Chemical sector with the objective of enhanced development and self-sufficiency, there is a policy for allowing 100% FDI in the sector automatically, except for a few hazardous chemicals. In last 5 years, Rs. 42,641 crores of FDI has come into the sector.

**(vi) Skilling:**

The Central Institute of Petrochemicals Engineering & Technology (CIPET) is a technical education institution under the Department of Chemicals & Petrochemicals, engaged in skill development, technology support, as well as academic and research activities for the promotion of the petrochemical and allied industry in the country. CIPET has 47 centers across the country, which include 8 Institutes of Plastics Technology (IPTs), 32 Centers for Skilling and Technical Support (CSTS), 3 Schools for Advanced Research in Polymers (SARP) and 4 sub-centers. During 2023-24, CIPET provided training to 66,606 persons (5,046 long term professional skill development programmes and 61,560 short term vocational skill development training programmes).

**(vii) Quality Control Orders :**

Chemicals & Petrochemicals imported or produced domestically may contain impurities that may be hazardous to human health, safety & environment. It is, therefore, of paramount importance to improve the quality of Chemicals/Petrochemicals produced in the country as well as to ensure that only quality chemicals are being imported. With this objective, the Department initiated an exercise to make the Standards of Chemicals/Petrochemicals mandatory to ensure that both the importers and domestic manufacturers meet the Bureau of Indian Standards (BIS) quality parameters. Such Chemicals/Petrochemicals shall bear the Standard Mark under a license to be obtained from BIS. This mechanism helps in improving the quality of these products.

**(viii) Promotional Events:**

Under the Chemical Promotion and Development Scheme (CPDS), Department organizes events in association with industry bodies for attracting investment, facilitating collaboration among industry players and promoting business to business opportunities.

**(c):** Of the 18 Centre of Excellence (CoE) approved so far, 3 COEs have been set up in Maharashtra. Details of the COEs are given below:-

No.	Location of Centre of Excellence (CoE)	Title	Date of approval	GoI approved grant (Rs. crore)	Amount sanctioned (Rs. crore)
1.	National Chemical	Sustainable Polymer Industry to research	April, 2011	6.00	6.00

	Laboratory, Pune	& innovation			
2.	National Chemical Laboratory, Pune	Specialty Polymers for Customized Additive Manufacturing	February, 2019	2.80	1.40
3.	Indian Rubber Manufacturers Research Association, Thane	Design and Development for Value added Toys of Rubber and Allied Finished Products	February, 2022	4.93	2.50

Further, the Department has set up two Centres of Central Institute of Petrochemicals Engineering & Technology (CIPET) for Skilling and Technical Support (CSTS) at Aurangabad and Chandrapur. These Centres serve the requirements of the Petrochemical and allied industry in the region by providing academic, skill development and technical support services.

Under the Chemical Promotion and Development Scheme (CPDS), in Maharashtra, DCPC jointly with FICCI organised the 13<sup>th</sup> edition of biennial event “India Chem 2024” during 17th - 19th October 2024 at the Bombay Exhibition Centre, Mumbai with the theme - “Advantage BHARAT: Indian Chemicals and Petrochemicals paving the future”. India Chem is one of the largest event in the chemical and petrochemical sector in Asia - Pacific region. This event focuses inter-alia on international cooperation, boosting trade and investment, fostering best practices etc. This event is a conference cum exhibition and is widely participated by Global and Domestic Industry, exhibitors, State Governments and International delegations. The event saw participation from 172 exhibitors, including 49 international exhibitors, and attracted 78 global CEOs, 135 speakers, and 689 foreign participants. A total of 1,115 Indian delegates and 8,720 business visitors participated in India Chem 2024.

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