

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF CHEMICALS AND PETROCHEMICALS

LOK SABHA
UNSTARRED QUESTION NO 3021
ANSWERED ON 13.12.2024

CENTRES OF EXCELLENCE IN PETROCHEMICAL AND CHEMICAL SECTOR

3021: SHRI RAJESH VERMA:

SMT. SHAMBHAVI:

SHRI NARESH GANPAT MHASKE:

DR. SHRIKANT EKNATH SHINDE:

Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state

- (a):whether the Government has plans to establish Centres of Excellence in petrochemical and chemical sector across the country, if so, the details thereof, State/UT-wise;
- (b):whether there are any Centres of Excellence in petrochemical sector proposed under construction in the State of Maharashtra and Bihar;
- (c):if so, the details thereof;
- (d):whether the Union Government provides financial aid to these Centres of excellence; and
- (e):if so, the details thereof?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS & FERTILIZERS
(SMT. ANUPRIYA PATEL)

(a) The Department of Chemicals and Petrochemicals implements a Scheme for setting up Centres of Excellence (CoEs) under the New Scheme of Petrochemicals. Under this Scheme, the Department provides grant-in-aid to reputed government research institutes with the objective of improving the existing technology and research in the country and to promote development of new applications. The emphasis is on modernization and upgradation of existing manufacturing processes as well as improving the quality of products. 18 Centres of Excellence have been approved so far. The State/ Union Territory wise details of the approved Centres of Excellence are at Annexure.

(b) and (c) Three Centres of Excellence have been established in Maharashtra while there is no Centre of Excellence approved in the State of Bihar. The details of the approved Centres of Excellence in Maharashtra are as follows:

No.	State/ Union Territory	Location of Centre of Excellence (CoE)	Title	Date of approval	GoI approved grant (in Rs. crore)
1	Maharashtra	National Chemical Laboratory, Pune	Sustainable Polymer Industry to research & innovation	April, 2011	6.00
2	Maharashtra	National Chemical Laboratory, Pune	Specialty Polymers for Customised Additive Manufacturing	February, 2019	2.80
3	Maharashtra	Indian Rubber Manufacturers Research Association, Thane	Design and Development for Value added Toys of Rubber and Allied Finished Products	February, 2022	4.93

(d) and (e) 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 crore. The details of the approved grant-in-aid are at **Annexure**.

No.	State/ Union Territory	Location of Centre of Excellence (CoE)	Title	Date of approval	GoI approved grant (in Rs. crore)
1.	Maharashtra	National Chemical Laboratory, Pune	Sustainable Polymer Industry to research & innovation	April, 2011	6.00
2.	Tamil Nadu	Central Institute of Petrochemical Engineering & Technology, Chennai	Green Transport Network (GREET)	April, 2011	6.00
3.	Odisha	CIPET, Bhubaneswar	Sustainable Green Materials	April, 2013	6.00
4.	Delhi	Indian Institute of Technology, Delhi	Advanced Polymeric Materials	March, 2013	6.00
5.	Assam	Indian Institute of Technology, Guwahati	Sustainable Polymers	April, 2013	6.00

6.	Uttarakhand	Indian Institute of Technology, Roorkee	Process Development, Wastewater Management and Petrochemical Industries	February, 2019	4.40
7.	Odisha	CIPET, Bhubaneswar	Bio-engineered Sustainable Polymeric Systems	February, 2019	5.00
8.	Maharashtra	National Chemical Laboratory, Pune	Specialty Polymers for Customised Additive Manufacturing	February, 2019	2.80
9.	Assam	CSIR - North East Institute of Science & Technology (CSIR-NEIST)	Polymers, Composites and Polymeric Membranes for Sustainable Development of Petroleum Industries	December, 2020	4.99
10.	Telangana	CSIR-IICT, Hyderabad	Polymer Coatings for Decorative, Protective and Strategic Applications	December, 2020	4.86
11.	Odisha	CIPET, Bhubaneswar	Manufacturing of Next Generation Bio-Medical Devices	December, 2020	5.00
12.	Assam	IIT, Guwahati	Sustainable & innovative design and manufacturing of polymer toys	February, 2022	5.00
13.	Maharashtra	Indian Rubber Manufacturers Research Association, Thane	Design and Development for Value added Toys of Rubber and Allied Finished Products	February, 2022	4.93

14.	Jharkhand	Indian Institute of Technology (Indian School of Mines), Dhanbad	Coal to Acetylene and Fine Chemicals	September, 2024	2.61
15.	Tamil Nadu	Indian Institute of Technology, Madras	Biodegradable Packaging Materials (Bio Pack)	September, 2024	4.95
16.	Kerala	CSIR-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST), Thiruvananthapuram	Performance Chemicals and Sustainable Polymers for Industrial Applications	September, 2024	5.00
17.	Uttar Pradesh	Indian Institute of Technology, Kanpur	Specialty Chemicals	September, 2024	4.99
18.	Madhya Pradesh	CSIR-Advanced Materials and Processes Research Institute (CSIR-AMPRI), Bhopal	Transparent and Biocompatible Metal-Polymer Composite Based X- ray, Gamma ray and Neutron Shields for Window and Personal Protecting Apparels	September, 2024	1.95
