

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF CHEMICALS AND PETROCHEMICALS
RAJYA SABHA
UNSTARRED QUESTION No. 1614
ANSWERED ON 06.08.2024

CENTRE OF EXCELLENCE

1614: Shri Iranna Kadadi:

Shri Brij Lal:

Dr. Kalpana Saini:

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

- (a) whether 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 Karnataka;
- (c) if so, the details thereof;
- (d) whether financial aid would be given to these Centres of Excellence by Government; and
- (e) if so, the details thereof?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS

(SMT. ANUPRIYA PATEL)

(a) The Department of Chemicals and Petrochemicals implements a scheme for setting up Centres of Excellence (CoEs) under the umbrella scheme of the New Scheme of Petrochemicals. Under this Scheme, the Department provides grant-in-aid to identified research institutes with the objective of improving the existing technology and research in the country and to promote development of new applications.

The broad areas of research under the Scheme include updating products for new uses; innovative product technology and product design; improvements in production processes to make them more efficient; recycling process technology; development of eco-friendly

processes and products; development of biodegradable and bio-based chemicals and polymers etc.

So far, 13 Centres of Excellence have been approved on various topics. The state-wise details of the same are placed at **Annexure**.

(b) and (c): Under the Scheme, the Department invites research proposals from research institutes of the Central or State Governments with a proven track record of academic excellence or research. The project proposals received are evaluated based on the relevance of their work, current research status, quality and expertise of the team, depth of collaboration with industry etc. Presently, there is no Centre of Excellence in the State of Karnataka.

(d) and (e): Under the Scheme, the Government of India provides financial support up to 50 per cent of the total project cost subject to an upper limit of Rs.5 crore.

Annexure

Annexure referred to in reply to part (a) of Rajya Sabha Unstarred Question No. 1614 for answer on 06/08/2024.

List of approved Centres of Excellence

No.	State/Union Territory	Location of Centre of Excellence (CoE)	Topic
1	Maharashtra	National Chemical Laboratory, Pune	Sustainable Polymer Industry for Research & Innovation
2	Tamil Nadu	Central Institute of Petrochemical Engineering & Technology (CIPET), Chennai	Green Transport Network
3	Odisha	CIPET, Bhubaneswar	Sustainable Green Materials
4	Delhi	Indian Institute of Technology (IIT), Delhi	Advanced Polymeric Materials
5	Assam	IIT, Guwahati	Sustainable Polymers
6	Uttarakhand	IIT, Roorkee	Process Development, Wastewater Management in Petrochemical Industries
7	Odisha	CIPET, Bhubaneswar	Bio-engineered Sustainable Polymeric Systems
8	Maharashtra	National Chemical Laboratory, Pune	Specialty Polymers for Customized Additive Manufacturing
9	Assam	CSIR – North East Institute of Science & Technology (CSIR-NEIST)	Polymers, their Composites and Polymeric Membranes for

			Sustainable Development of Petroleum Industries
10	Telangana	CSIR-Indian Institute of Chemical Technology, Hyderabad	Polymer Coatings for Decorative, Protective and Strategic Applications
11	Odisha	CIPET, Bhubaneswar	Manufacturing of Next Generation Bio-Medical Devices
12	Assam	IIT, Guwahati	Sustainable & innovative design and manufacturing of polymer toys
13	Maharashtra	Indian Rubber Manufacturers Research Association, Thane	Design and Development for Value added Toys of Rubber and Allied Finished Products
