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

LOK SABHA
UNSTARRED QUESTION NO. 3049
ANSWERED ON 09.08.2024

SPECIAL PROJECTS AT CIPET

3049: Dr. T Sumathy Alias Thamizhachi Thangapandian:

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

(a) whether the Government has initiated any special projects at Central Institute of Petrochemicals Engineering & Technology (CIPET) in Chennai South Parliamentary Constituency, Tamil Nadu;

(b) if so, the details thereof and if not, the reasons therefor;

(c) whether the Government has any plan to establish special economic zones for Chemicals and Fertilizers and a Chemical engineering cluster in the State of Tamil Nadu;

(d) if so, the details thereof and the amount of funds allocated for the same; and

(e) the important Chemical engineering research projects undertaken by the Government through it's allied and subordinate offices in the country?

ANSWER

THE MINISTER OF STATE FOR CHEMICALS & FERTILIZERS

(SMT. ANUPRIYA PATEL)

(a) and (b):The Department has approved the construction of a new Technology Centre at Central Institute of Petrochemical Engineering & Technology: Institute of Petrochemicals Technology (CIPET: IPT), Chennai, at a total cost of Rs. 60 crore, to provide support to the plastic and allied industry in the region through various facilities including advanced plastic processing, tool room, smart class rooms and digital library.

(c) and (d):Presently, the Government does not have any plan to establish special economic zones for chemicals and fertilizers or a chemical engineering cluster in the State of Tamil Nadu.

(e) : CIPET, through its various research Centres has undertaken research, including on:
(i) Designing innovative recycling process for multilayer packaging waste using thermosolvolysis process;
(ii) Quantitative and qualitative determination of recycled content in post-consumer recycled blends;
(iii) Development of 3D printing filaments for opto-electronic sector;
(iv) Recovery of polyols from flexible foams;
(v) Development of active bioglass and other nanofillers for utilisation in biomedical implants; and
(vi) Optimisation of process parameters and analysis of polymeric nanocomposites for viscoelastic applications.

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