

**GOVERNMENT OF INDIA
CHEMICALS AND FERTILIZERS
LOK SABHA**

STARRED QUESTION NO:339
ANSWERED ON:02.12.2010
PROMOTION OF RESEARCH PROJECTS
Shanavas Shri M. I.

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

- (a) whether the Government is proposing to promote research projects that aim at recycling of plastic waste and converting it into recyclable bi- products that can be used for multiple purposes;
- (b) if so, the details thereof;
- (c) whether there is any scheme under which grants-in-aid and other financial and research support is given to various firms and individuals; and
- (d) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS & FERTILIZERS (SHRI SR1KANT KUMAR JENA)

(a) to (d) A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PART (a) TO (d) OF LOK SABHA STARRED QUESTION NUMBER 339 BY SHRI M. I. SHANAVAS TO BE ANSWERED ON 2.12.2010 REGARDING PROMOTION OF RESEARCH PROJECTS.

(a) to (d) The Government of India is promoting applied research in the area of plastic materials and product development including recycling of plastic wastes and their conversion into value added products. Central Institute of Plastic Engineering & Technology (CIPET) has been provided financial support for creation of civil and technical infrastructure to carry out industrial research. Accordingly, two R & D hubs viz. Laboratories for Advanced Research in Polymeric Materials (LARPM) at Bhubaneswar and Advanced Research School for Technology and Product Simulation (ARSTPS) at Chennai have been set up. These two dedicated R & D hubs have been undertaking various R & D Projects including those in the area of recycling of plastics waste generated from various sources namely, automobile electronics, packaging etc. CIPET laboratories have developed various natural fibre based products using recycled polypropylene from different sources for evaluating its suitability in various automotive components.

Central Institute of Plastic Engineering & Technology (CIPET) has also set up a Plastic Waste Management Centre (PWMC) at Guwahati which has gone into operation in September, 2009. The PWMC facility is for demonstration of commercial application of the research products developed at the two R&D hubs of CIPET and also to impart training to the students and entrepreneurs.

Government of India has also approved the scheme of setting up of Centres of Excellence in existing educational and research institutions as part of the National Policy on Petrochemicals announced in the year 2007. These Centres of Excellence will be provided financial support to the extent of 50% of the capital expenditure with an upper limit of 6 crores. Autonomous institutions that have a proven track record of academic excellence, currently involved in R&D activities in the petrochemical sector and providing services to the Industry are eligible for support under the scheme. So far, thirteen such proposals have been received out of which six institutions have been shortlisted for evaluation and final selection for setting up of two Centres of Excellence in the remaining period of the 11th Five Year Plan.