

**GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH**

**LOK SABHA  
UNSTARRED QUESTION No. 264  
(TO BE ANSWERED ON 12.12.2018)**

**RECYCLING OF PLASTIC WASTE**

**264. SHRI RAMSINH RATHWA:**

**Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:**

- (a) whether certain countries are producing crude oil from plastic waste and if so, the details thereof;**
- (b) whether any research has been undertaken in the country in this regard;**
- (c) if so, the details thereof; and**
- (d) if not, the reasons therefor?**

**ANSWER**

**MINISTER OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES  
(DR. HARSH VARDHAN)**

- (a) Yes, Madam. Some of the companies having conversion plants installed in India and abroad, claim to produce liquid hydrocarbon oil (plastic crude oil) from plastic wastes. The plastic crude oils do not however meet the standard specifications of gasoline or diesel and thus cannot be used as transportation fuel.**
- (b)&(c) CSIR-Indian Institute of Petroleum (CSIR-IIP), Dehradun along with Gas Authority of India Ltd. (GAIL) is working on a project involving conversion of Waste Plastics to transportation fuel (gasoline/diesel). After successful completion of lab and bench scale studies, they are installing a 1 Ton Per Day (TPD) capacity pilot plant for converting waste plastics to diesel.**

**CSIR-IICT has developed a solid catalyst to convert waste plastics into fuel oil. The solid catalyst developed by CSIR-IICT for conversion of waste plastics to fuel oil is available for up scaling by the industry.**

- (d) Does not arise.**

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