

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY**

**LOK SABHA
UNSTARRED QUESTION NO. 4495
TO BE ANSWERED ON 30.03.2022**

National Policy on Synthetic Biology

**4495. SHRIMATI RAKSHA NIKHIL KHADSE:
 SHRI MANOJ KOTAK:**

Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान और प्रौद्योगिकी मंत्री
be pleased to state:

- a) whether the Government proposes to work on a national policy on synthetic biology, an emerging science that deals with engineering life forms for a wide range of applications from making designer medicines to foods; and
- b) if so, the details thereof?

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE) OF
SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)

विज्ञान और प्रौद्योगिकी तथा पृथ्वी विज्ञान के राज्य मंत्री (स्वतंत्र प्रभार)
(डॉ. जितेन्द्र सिंह)

- (a) & (b) The Department of Biotechnology (DBT) has implemented a study under which a document 'Foresight paper on Synthetic Biology' developed based on consultation with experts from industry, academia and research organizations. This study is focused on assessment of status and trends of synthetic biology based research and development in India and its application in the areas of agriculture, food, health, bioinformatics and related aspects. The study also aimed to focus on policy and regulatory aspects supporting its future developments and increasing awareness among scientists, policy makers and general public on national priorities and intentions to actively pursue synthetic biology research, development and deployment. In future, DBT would like to develop National Policy on Synthetic Biology in consultation with relevant stakeholders.
