

**GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:4890
ANSWERED ON:13.08.2014
BIO-ENERGY RESEARCH CENTRE
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Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether the Government proposes to set up bio-energy research centre in the country;
- (b) if so, the details and its functions thereof;
- (c) whether any steps are being taken by the Government to develop advanced bio-fuels in the country;
- (d) if so, the details thereof; and
- (e) if not, the reasons therefor?

Answer

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

(a) Yes

(b) The Department of Biotechnology has established following three Bio- energy Centres:

1. DBT-ICT Centre for Energy Biosciences, Institute of Chemical Technology, Matunga, Mumbai, Maharashtra
2. DBT-IOC Centre for Advanced Bio-energy Research, R&D Centre, Indian Oil Corporation Limited, Sector- 13, Faridabad, Haryana
3. DBT-ICGEB Centre for Advanced Bio-Energy Research, International Centre for Genetic Engineering and Biotechnology, New Delhi

Main objectives of above three Bio-energy Centres are :

- a. To conduct a multi-disciplinary bio-energy research involving biology, chemical science and material science etc.
- b. To develop technology for second generation bio-fuel.
- c. To deploy bio-fuel technologies with existing capabilities to scale up.
- d. To perform cutting edge research using Synthetic and Systems biology approaches towards the development of novel technology for bio-fuel production.

(c-d) Through R&D network projects support is being given for Biohydrogen, Biobutanol and algal bio-fuels.

(e) Not applicable.