

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2567
ANSWERED ON:11.03.2011
DEVELOPMENT OF NEW TECHNOLOGIES
Sudhakaran Shri K.

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether the Government has signed Memorandum of Understanding (MoU) with Indian Institute of Technologies (IITs) and Council of Scientific and Industrial Research (CSIR) to develop new technologies in the field of new and renewable energy sector,
- (b) if so, the details thereof;
- (c) whether the country is facing any technology barrier in the field of new and renewable energy with other developed countries;
- (d) if so, the details thereof; and
- (e) the strategy adopted by the Government to counter such barriers?

Answer

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a)&(b): Ministry of New and Renewable Energy has been implementing a comprehensive policy to support research, development and demonstration of new and renewable energy technologies in the country at various academic /research organizations and industry, including the Indian Institutes of Technology (IITs) and the laboratories of the Council of Scientific and Industrial Research (CSIR). A number of projects have been supported under this policy.

The following specific initiatives have been taken by the Ministry to promote research and set up specialized centres in the country.

- i) Alternate Hydro Energy Centre at IIT Roorkee for providing technical support to small hydro sector.
- ii) National Centre for Photovoltaic Research and Education at IIT Bombay.
- iii) Biomass cook stove test centre at IIT Delhi for certification and developmental testing of cook stoves manufactured in the country.
- iv) Advanced Biomass Research Centre at Indian Institute of Science, Bangalore.

In addition, CSIR has submitted six projects for consideration of Ministry relating to development of solar energy technologies.

(c),(d)&(e): Currently, there is no perceived technology barrier in the field of new and renewable energy with other developed countries. The Research and Development policy of the Ministry has a provision to support technology development through various entities including consortia involving foreign companies. The policy also covers technology validation and demonstration projects involving industry including technologies sourced from other countries for assessing their suitability and adaptability under Indian conditions.