

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

UNSTARRED QUESTION NO:729

ANSWERED ON:25.02.2011

MANPOWER SHORTAGE IN SOLAR INDUSTRY

Jaiswal Dr. Sanjay

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

(a) whether shortage of manpower in the solar power industry including Research and Development (R&D), manufacturing, project commission and Operation and Maintenance (O&M) in the coming years is likely to defeat the ambition of the Jawaharlal Nehru National Solar Mission;

(b) if so, the details thereof; and

(c) the steps taken by the Government to create a competent and adequate manpower pool for making the country one of the global leaders in the field of solar power?

**Answer**

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

(a),(b)&(c): The Government, taking into consideration the anticipated manpower requirement in solar power industry, including Research and Development (R&D), manufacturing, project commissioning and operation and maintenance (O&M) in coming years have evolved a comprehensive plan of action for human resource development in solar energy sector. The plan includes, inter alia, incorporation of solar PV lighting systems and solar thermal into the regular syllabus of seven trades of two years ITI courses, training of people from villages where solar lights are installed, National Renewable Energy Fellowship scheme for encouraging students to take renewable energy at post graduate and research levels, providing support to educational institutions to upgrade their lab and library facilities for quality education in renewable energy area, creation of Renewable Energy Chairs in selected higher education institutes / universities to give a boost to renewable energy education in these institutes/universities, developing centres of excellence for undertaking detailed research and development in solar photovoltaic and solar thermal areas. In addition, a National Solar Science Fellowship Programme has been launched. to focus on research in cutting-edge technologies in solar energy, These actions of the Government would generate adequate manpower pool for making the country one of global leaders in solar energy.