

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

UNSTARRED QUESTION NO:2134  
ANSWERED ON:24.08.2012  
HRD PROGRAMME ON RENEWABLE ENERGY EDUCATION  
Tharoor Shri Shashi

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

- (a) whether the Government is implementing any Human Resource Development (HRD) Programme to institutionalize renewable energy education;
- (b) if so, the details thereof;
- (c) the major initiatives undertaken under the programme; and
- (d) the funds allocated and utilized under the programme till date?

**Answer**

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

(a): Yes, Madam.

(b): Under its Human Resource Development (HRD) Programme the Ministry supports educational/academic institutions to develop necessary framework for undertaking Renewable Energy Courses at under graduate, post graduate and Ph.D levels besides collaborating with Directorate General of Employment and Training (DGET) of Ministry of Labour for incorporating Renewable Energy in the syllabus of two-year regular ITI programmes. In addition, Ministry also supports organizing short-term training programmes for various target groups on different aspects of Renewable Energy including installation, operation, maintenance and repair of Renewable Energy Systems and Devices.

(c): The major initiatives undertaken under the programmes are :-

- (i) Institution of National Renewable Energy Fellowship Programme (NREFP) for granting fellowships for Ph.D, M.Tech, M.Sc Courses in Renewable Energy,
- (ii) institution of National Solar Science Fellowship Programme (NSSFP) to provide attractive fellowship (Rs. One lakh per month) and research grant to 10 selected scientists to undertake research on cutting-edge areas on Solar Energy (two National Solar Science Fellows are working in IIT Bombay under this programme,
- (iii) institution of Renewable Energy Chairs in selected higher educational institutions to act as focal point on Renewable Energy education in that institution,
- (iv) providing one time grant-in-aid support of Rs.50 Lakh to selected educational institutions for upgrading lab and library facilities,
- (v) developing course-curricula and study material for postgraduate, under graduate, diploma and ITI levels,
- (vi) support to State Nodal Agencies (SNAs) and NGOs for undertaking short-term training programmes besides undertaking programmes for capacity building of officers of Ministry and SNAs.

(d): the funds allocated for the year 2012-13 are Rs. Eight crore, against which about Rs.1.04 crores have been released so far. In addition, there is a carry forward liability of Rs.3.35 crore from the year 2011-12 to be met during current financial year.