

No.10/5/2011-P&C
Government of India
Ministry of New and Renewable Energy
(Human Resources Development Division)

Block No.14, CGO Complex,
Lodhi Road, New Delhi-110003
Dated 03.03.2011

ORDER

Subject: Human Resources Development Programme in New and Renewable Energy for the remaining period of 11th Five-year Plan period – Guidelines for providing grant-in-aid support for lab and library upgradation:

In continuation to the Administrative Approval of even no. dated 11th October, 2010 regarding the HRD Programme of the Ministry, I am directed to convey the guidelines for providing grant-in-aid support for lab and library upgradation:

1. Objective: The objective to provide a one-time grant-in-aid support to educational institutions for upgrading their lab and library facilities is empowering the educational institution to provide quality education in renewable energy area with adequate practical exposure to students.
2. Level of assistance: A one-time grant-in-aid support to the tune of Rs. 50.00 lakhs will be provided to selected educational institutions for upgrading lab and library facilities. The grant-in-aid support will be provided mainly for :-
 - (i) Procuring the lab equipments to cater the requirement of practicals at under graduate and post graduate level.
 - (ii) Procurement of books, softwares for system design, impact assessment and simulation, other teaching aids such as cut models/ working models
 - (iii) Remodeling/refurnishing the existing laboratory to facilitate installation and commissioning of new equipment in the laboratory.
3. Number of Institutions to be supported: Maximum 5-6 institutions per annum.
4. Selection criteria:
 - 4.1 The applications will be invited through an advertisement uploaded in the Ministry's website from time to time from universities/higher educational

institutions (having status of deemed universities such as IITs, NITs, NLIs, IIMs, BITS etc.) in prescribed proforma (Annexure-I), elaborating the course content, practicals being taught at B.Tech, M.Sc and M.Tech levels, elaborating their capability and willingness to improve/undertake renewable energy courses at B.Tech, M.Sc and M.Tech levels,

4.2 Eligibility Criteria:- Institutions fulfilling the following criteria would be eligible for applying for grant:

- i. The University/Institute should have a regular under-graduate /post-graduate programme on Renewable Energy.
- ii. The course contents of the programme should inter alia have components of the model course curriculum developed by the Ministry.
- iii. The minimum students' intake in the M.Sc/M.Tech courses on Renewable Energy should be 15
- iv. There should be a minimum three core faculty members to undertake courses on Renewable Energy in the University/Institute.
- v. The University/Institute should have active placement cell and should have active interaction with the Renewable Energy industry.
- vi. The University/Institute should have a clear plan of action/vision for upgrading their existing courses.
- vii. The University/Institute should be willing to put it's on funding/stake in the departments being supported by the Ministry for lab and library upgradation and should be provided all necessary support as may be needed for smooth functioning of the department.

4.3 The proposals fulfilling the above criteria will be submitted to an Empowered Committee under the Chairmanship of Group Head dealing with the HRD activities. All the Group Heads of the Ministry and four experts of the rank of Professors and above from institutions of repute will be the other members. Scientist-in-charge HRD will act as convener/member secretary. The four experts nominated after approval of the Secretary are as follows:-

- i. Prof. N.K. Bansal, Former Vice Chancellor, Mata Vaishno Devi University.
- ii. Prof. T.C. Kandpal, Centre for Energy Studies, IIT, Delhi
- iii. Prof. R.P. Tandon, HOD, Department of Physics, Delhi University
- iv. Shri S.K. Sangal, Former Executive Director, CEL, Sahibabad, Ghaziabad (presently consultant in Ministry).

4.4 The Committee will examine the proposals received vis-a-vis to the criteria listed above and the comments of HRD Division and will recommend/shortlist the institutions for providing one-time grant-in-aid support. The emphasis will be given to such institutions who have been undertaking courses on renewable energy at B.Tech, M.Tech and MSc level.

- 4.5 It will also be seen that the institution is ready to incorporate some the components of the model syllabus developed by the Ministry. The shortlisted institutions will be visited by a two member committee to assess actual need of the equipment for undertaking practical training at graduate and post-graduate level and suggest/fine tune their proposal for assistance.
- 4.6 Once visited by the team, the proposal will be submitted for approval of sanctioning the one-time grant-in-aid support to the institute and 60% of the sanctioned amount to be released alongwith the sanction.
- 4.7 The University and institute will have to upgrade the facility within six months of receipt the sanction and balance 40% will be released after the upgradation work is already over.
- 5 This issues with the approval of the Competent authority.

(A.N.Narayanan)

Under Secretary to Government of India

1. PS to Minister
2. PSO to Secretary
3. PA to AS & FA
4. JS/Adv.(NPS)/Adv(BB)/Adv(SM)/Adv(ARS)
5. Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi-110002
6. Chairman, AICTE, 7th Floor, Chanderlok Building, Janpath, New Delhi-110001
7. MNRE Website