

**Ministry of New and Renewable Energy
HRD Division**

Subject: Guidelines for providing grant-in-aid support for laboratory upgradation:

- 1. Objective:** The objective is to provide a one-time grant-in-aid support to educational institutions for empowering the educational institution by upgrading their laboratory facilities to provide quality education in renewable energy area with adequate practical exposure to student.
- 2. Level of Assistance:** A one-time grant-in-aid support to the tune of maximum Rs. 50.00 lakhs will be provided to selected educational institutions for upgrading laboratory 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 teaching aids such as cut models/working models
 - iii. Remodelling/refurnishing the existing laboratory to facilitate installation and commissioning of new equipment in the laboratory.
- 3. Number of Institutions to be supported:** Maximum 2 no. of institutions per annum.
- 4. Selection criteria:**
 - 4.1 The applications will be invited through an advertisement uploaded in the Ministry's website/newspapers from time to time from universities/higher educational institutions in prescribed proforma (Annexure-IV-A), 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:-** Government Institutions fulfilling the following criteria would be eligible for applying for grant:

- i. Only those institutes will be considered for allocation of fellowship slots which are in Top 100 institutes under National Institutional Ranking Framework (NIRF), faculty for required expertise in relevant areas of RE and infrastructure facilities available at such institutes for RE education and research in RE.
- ii. The University/Institute should have a regular under graduate/post-graduate programme on Renewable Energy.
- iii. The course content of the programme should inter-alia have components of the model course curriculum developed by the Ministry.
- iv. The minimum student's intake in the M.Sc/M.Tech courses on Renewable Energy should be 15.
- v. There should be a minimum three core faculty members to undertake courses on Renewable Energy in the University/Institute.
- vi. The University/Institute should have active placement cell and should have active interaction with the Renewable Energy industry.
- vii. The University/Institute should have a clear plan of action/vision for upgradation their existing courses.
- viii. 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 a constituted Committee. The Committee will examine the proposals received vis-à-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 M.Sc level.

4.4 It will also be seen that the institution is ready to incorporate some of the components of the model syllabus developed by the Ministry.

4.5 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 along with the sanction.

4.6 The University and institute will have to upgrade the facility within six months of receipt the sanction and balance 40% will be released after receipt of UC of the released amount and the Statement of Expenditure clearly showing the committed liability towards balance fund by way of placing the orders/identifying the equipment.

Annexure-I-A

Proforma for seeking one-time grant-in-aid support for laboratory upgradation to be submitted through the Registrar of University/Institution

Part A: Institutional Details

1. Name of the Course :
2. Name of the Institution:
3. Name of the Department :
4. Coordinator of the Proposed Programme:
5. Type of Institution :
(Central/State)

<input type="checkbox"/>	University
<input type="checkbox"/>	National Institute
<input type="checkbox"/>	GC Supported (12B)
<input type="checkbox"/>	Others (Pl. Explain)
6. Please enclose a copy of the last annual report.
7. Year of Establishment:
8. Approximate Number of Students:

Part B: Details of the Course

9. Course being/to-be implemented:
10. Name and Qualification of the Faculty Members attached to the course:
(Pl. attach a separate sheet)
11. Any Collaborative Institute:
(if yes, pl. provide details)
12. Existing laboratory facility:
(Pl. attach separate sheet)
13. Experience in Energy related courses:
14. Since when the course being run
15. Number of seats in each of the course
16. Specialization offered
17. If any industry collaboration is there, if so details thereof;
18. If placement service is being provided
19. Details of placement of previous students
20. Any other details
21. Sponsored Projects in the area of Energy, Environment and Renewable Energy:

PART C: Financial

22. Asked Budgetary Support

(Amount in INR in Lacs)

S.No.	Item	Total Cost	First Year	Second Year	Third Year	Fourth Year	Fifty Year
1	Equipment*						
2.	Cut models/system design and other related softwares*						

*Please attached a detailed list of equipment/cut models/softwares with cost estimates

28. Participating Industry (if any):

29. Participating Institution (if any):

Certified that information given above have been verified and correct

Name and Signature of Head of Department with Seal

Name and Signature of Dean with Seal

Name and Signature of Registrar with seal.