

No. 342-11/2/2023-HRD
Government of India
Ministry of New and Renewable Energy
(Human Resources Development Division)

Atal Akshay Urja Bhawan
Lodhi Road, New Delhi-110003

Date :- 06/02/2026

To

The Pay & Accounts Officer
Ministry of New and Renewable Energy
Antyodaya Bhawan, New Delhi- 110003.

Sub:-Sanction of funds for Jaiv-Urjamitra Skill Development Programme for the period 2025-26 to National Institute of Bio Energy (NIBE), under Human Resource Development Programme of MNRE.

Sir,

This has reference to the proposals submitted in February, 2023 by National Institute of Bio Energy (NIBE), Kapurthala and subsequent proposal documents requesting financial support for conducting Skill Development Programme to train about 3000 no. skilled manpower in the area of biomass and bioenergy. The undersigned is directed to convey the sanction of the President of India for the sanction of total financial outlay of Rs. 4,43,22,020/- (Rupees Four Crore forty three lakh Twenty Two Thousand and Twenty only) with MNRE share of Rs. 4,41,18,904/- (Rupees Four Crore forty one lakh Eighteen Thousand Nine hundred and four only) to National Institute of Bio Energy (NIBE), Kapurthala for training of total 950 candidates (840 participants and 110 no. of Trainers) under Jaiv-Urjamitra Skill Development Programme by March, 2026. Category wise programme details are given below.

Table-1 Details of the Training programmes under JUMP

Training programmes	Duration hrs/days	No. of Trainees	No. of batches	Batch size
Training of Participants				
Technician- O & M- Compressed Biogas)	420/74	360	12	30
Technician- O & M- Pellets & Briquette manufacturing	330/60	360	12	
Agri Residue Aggregator	330/60	60	2	30
Biomass Depo Operator	390/69	60	2	30
Total		840	28	
Training of Trainers (ToTs)				
Total	11days	110	5	22
	-	950	33	-

2. The breakup of the total cost of the sanctioned programme is given in table-2 below and the details of the programme wise/ component wise / training wise break up of the budget are given in table-3 to table-8 at enclosed annexure-1.

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Table- 2 Total Budget of the JUMSDP Programme

Particulars	Total Programme Cost (In Rs.)	To be funded by MNRE (In Rs.)	Reference At annexure -1
Training of Participants (ToP) (840 no. candidates)			
Technician O&M CBG	1,94,41,800.00	1,94,41,800.00	Table-3
Technician Pellet	1,55,41,200.00	1,55,41,200.00	Table-4
Agri Residue Aggregator	23,79,600.00	23,79,600.00	Table-5
Biomass Depo Operator	28,97,100.00	28,97,100.00	Table-6
Total of (ToP) (A)	4,02,59,700.00	4,02,59,700.00	
Training of Trainers (ToT) Programme (110 no.) (B)	40,62,320.00	38,59,204.00	Table-7
Tota cost (C=A+B)	4,43,22,020.00	4,41,18,904.00	

6. National Institute of Bio Energy (NIBE), Kapurthala will follow the implementation mechanism in respect of Training of Participants (ToP) and Training of Trainers (ToT) training under Jal-Urjamitra Skill Development Programme as follows-

- i) NIBE will follow all the guidelines, selection mechanism of training institutes, participants etc. for under the categories as proposed in the proposal dated February 2023 and subsequent proposal documents to train manpower in the area of biomass and Bioenergy.
- ii) Training of Participants (ToP) programme will be implemented in selected institutes/ITIs empanelled by NIBE through Expression of Interest (EoI). The criteria for selection of institute includes the infrastructure facilities as per guidelines of respective QPs and in the vicinity of Biomass rich areas /CBG/Pellet plants. NIWE will engage the institutes/ universities/ agencies which are having experience of imparting training in Bio energy area for ToP programmes. The participants for ToP programme will be selected /mobilised by the identified training institutes.
- iii) NIBE will impart ToP trainings as per the approved qualification packs of NCVET.
- iv) Proper monitoring mechanism should be put in place for inspection of the training institutes for interim modifications/ suggestions.
- v) The preference shall be given for the states Seventeen (17) states as detailed in the proposal.
- vi) Training of Trainers (ToT) will be imparted by NIBE itself. The trainers shall be from the selected training institute who will conduct identified training courses related to bioenergy as well as from Bioenergy industry.
- vii) The trainings of Trainers (ToT) will be provided by NIBE, Kapurthala and should follow the MSDE guidelines/norms for Training of Trainers prescribed by MSDE.
- viii) The implementation of the Jaiv-Urjamitra programme will be closely monitored by a monitoring committee constituted by the Ministry and review the training programme on quarterly/need basis. The constitution and composition of the Committee is given at Annexure -2.

*Varinderpal Singh
06/02/2026*

- ix) NIBE will follow the common norms of MSDE for the Jaiv-Urjamitra programme and funds will be disbursed to training centres as per the MSDE norms vide Gazette Notification dated 8th August, 2015., 28th February, 2017, 11th November 2020 and 01.01.2021.
- x) The programme will be implemented on pilot basis through training Institutes/centres such as BDTC and other institutes identified by NIBE/MNRE/Skill Council for Green Jobs (SCGJ). The learning curve can be used for the future skilling programmes in bioenergy sector linked with NSDC.
- xi) The budget for various training components (viz. ToP, ToT etc.) being sanctioned at this stage is based on estimation, as such, the final settlement of accounts would be considered on the basis of actual expenditure to be incurred (subject to total as well as head/item-wise ceiling proposed at this stage in the cost breakup) along with supporting documents viz. UC, SoE, training reports, monitoring reports etc.
- xii) NIBE may ensure the participation of the industrial faculty for the programmes from the Bio energy plants situated in vicinity of the training institutes.
- xiii) **Special emphasis** shall be given to the persons coming from rural background, unemployed youth, women, and SC/ST candidates from the regions which are in the vicinity of the existing bioenergy plant / biomass rich area. Division has proposed reservations for SC, ST, NER as per GoI guidelines and 30% reservation for women under JSDP.
- xiv) NIBE may ensure reservation for SC, ST categories as GoI rules and for Women (30%) is considered for JUMP, charges for special categories and allowances will be applicable as per MSDE guidelines on actual utilisation of funds in these categories. (MSDE notification July 2015 and January 2021).
- xv) NIBE should work out closely with Biomass pellet/Bio Energy power plant Industrial Associations for the placement of the trained participants under Jaiv-Urjamitra programme. The placement of all trained Jaiv-Urjamitras will also be monitored and ensured through tracking activity for the programme period by March 2026.

7. NIBE will submit the category wise, Head-wise UC & audited SOE for the expenditure of 950 number of trainees under Jaiv-Urjamitra programme against the break-up and categories of classification of cities as per the MSDE norms.

8. The Grantee Organization is among the foremost of institutes of national importance in higher technological education and in engineering, basic and applied research and is exempted from submitting the Indemnity Bond. They will submit the UC in in the prescribed format of GFR-12(A) for the released amount along and audited statement of expenditure (ASoE) to obtain the remaining sanctioned amount as per the terms & conditions. The Grantee Organization comes under "Category A".

9. The Training Institutes including NIBE, Kapurthala shall be open to inspection by the sanctioning authority and audit by the Comptroller and Auditor General of India under the provision

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of CAG (DPC) Act 1971 and Internal Audit by the Principal Accounts office of the Ministry or Department, whenever the Inspection is called upon to do so.

10. As per DoPT order no No.17014/2/2014-Trg. (7th CPC) dated 25th July 2017, Sumptuary Allowance in all the Training Establishments/Academies/Institutes stands abolished.

11. The sanction is issued to National Institute of Bio Energy, Kapurthala which is not a Non Governmental Organisation (NGO/Civil Society Organisation (CSO) /Voluntary Organisation (VO).

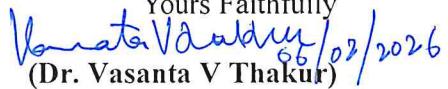
12. In case of fund release to any NGOs/CSOs under this Programme, NIBE is requested to ensure the fund release to NGOs/CSOs is to be done after due verification of their unique IDs from NGO Darpan Portal and their sanctions must have the following statements.

"The sanction is issued to (name of the grantee organization) which is a non Governmental Organisation (NGO)/Civil Society Organisation (CSO)/Voluntary Organisation (VO) whose unique ID is (NGO Darpan ID of the grantee) as verified from NITI Aayog's NGO Darpan Portal."

13. The Expenditure will be debited to Demand No.71-MNRE, 2810-New and Renewable Energy (Major Head), 00.101-Supporting Programmes (Minor Head) 08- Supporting Programmes (Sub Head) 08.03- Human Resources Development and Training, 31-Grants-in-Aid for the year 2025-26 (2810.00.101.08.03.31).

14. This issues under the powers delegated to the Ministry and with the concurrence of IFD vide Diary No. 519 dated 05/02/2026.

15. The Sanction has been recorded at serial No. 15, Page No.23 of the grant register 2025-26.

Yours Faithfully

(Dr. Vasanta V Thakur)
Scientist "E", HRD

Copy to:-

1. Director General, National Institute of Bio Energy, Kapurthala.
2. Director General, National Institute of Solar Energy, Gurugram – (as CNA-HRD)
3. Director of Audit, CW&M, DACR Building IP Estate, New Delhi-110002
4. ADV(HRD)/DS(IFD)
5. Sr. PPS to Secretary, MNRE
6. Sr. PPS to Additional Secretary, MNRE
7. PPS to JS&FA
8. DDO Cash Section, MNRE
9. Sanction Folder


(Dr. Vasanta V Thakur)
Scientist "E", HRD

Details of the programme wise/ component wise / training wise breakup of the total cost of the sanctioned Jaiv-urjamitra Skill Development Programme.

Table - 3 Budget for Training of Participants (ToP) – Operator/Technician O&M CBG

•420 Hours (75 days) Per batch for Technician OEM CBG [420/8 ~ 53 days + 10 weekends (20 days) + travel time 2 days as prefix, suffix], 30 Nos. of Participants Per Batch

Particulars	12 batches,360 participants	
	Unit Price	Amount Rs.
Course Fee for Institution (including Awareness creation, handling the training, honorarium for faculties and overheads etc.)	Rs.49/- per hour per participant	6,17,400.00
Lodging & Boarding cost *	Rs. 375/- per day per participant	8,43,750.00
Assessment & Certification Fee	800.00 per participant	24,000.00
Travel (Study Tour) to nearby biomass farms /industries	2500/- per participant	75,000.00
Honorarium for Industry experts for max. of 75 sessions (entire course)	Rs 800 per session	60,000.00
Total Cost per batch of 30 participants		16,20,150.00
Amount Per Participant		54,005.00
Total Amount		1,94,41,800.00

*as per the categories of states of MSDE notifications

Table - 4 Budget for Training of Participants (ToP) - Technician Pellet

12 batches for Technician Pellet & Briquette. 360 Nos. of Participants Per Batch

330 hours for Aggregator (60 days) [330/8 ~ 42 days + 8 weekends (16 days) + travel time 2 days as prefix, suffix]

Particulars	Unit Price	Amount , Rs.
Course Fee for Institution (Including Awareness creation, handling the training, honorarium for faculties and overheads etc.)	Rs.49/- per hour per participant	4,85,100.00
Lodging & Boarding cost *	Rs.375/- per day per participant	6,75,000.00
Assessment & Certification Fee	800.00 per participant	24,000.00
Travel (Study Tour) to nearby biomass farms /industries	Rs 2500/- per participant	75,000.00
Honorarium for Industry experts for max of 45 sessions (during entire course)	Rs 800 per session	36,000.00
Total Cost per batch of 30 participants	-	12,95,100.00

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Amount Per Participant	-	43,170.00
Total Amount (for 12 batches) with 360 participants	-	1,55,41,200.00

*as per the categories of states of MSDE notifications

Table - 5 Budget for Training of Participants (ToP) - Agri Residue Aggregator

- 2 batches for Aggregator with 60 participants. 30 Nos. of Participants Per Batch
- 330 hours for Aggregator (60 days) [330/8 ~ 42 days + 8 weekends (16 days) + travel time 2 days as prefix, suffix]

Particulars	Unit Price	Amount Rs.
Course Fee for Institution (including Awareness creation, handling the training, honorarium for faculties and overheads etc.)	Rs.42/- per hour per participant	4,15,800.00
Lodging & Boarding cost *	Rs.375/- per day per participant	6,75,000.00
Assessment & Certification Fee	600.00 per participant	18000.00
Travel (Study Tour) to near by biomass farms /industries	Rs. 2500/- per participant	75000.00
Total Cost per batch of 30 participants		11,83,800.00
Amount Per Participant		39,460.00
Total Amount (for 2 batches) with 60 participants		23,79,600.00

*as per the categories of states of MSDE notifications

Table - 6 Budget for Training of Participants (ToP) - Biomass Depo Operator

2 batches for Biomass Operator with 60 participants.30 Nos. of Participants Per Batch

390 Hours (69 days) Per batch for Biomass Operator [390/8 ~ 49 days + 9 weekends (18 days) + travel time 2 days as prefix, suffix]

Particulars	Unit Price	Amount Rs.
Course Fee for Institution (including Awareness creation, handling the training, honorarium for faculties and overheads etc.)	Rs.49/- per hour per participant	5,73,300.00 (49*390*30)
Lodging & Boarding cost *	Rs.375/- per day per participant	7,76,250.00 (375*30*69)
Assessment & Certification Fee	800.00 per participant	24,000.00 (800*30)
Travel (Study Tour) to nearby biomass farms /industries	Rs. 2500/- per participant	75,000.00 (2500*30)
Total Cost per batch of 30 participants	-	14,48,550.00
Amount Per Participant	-	48,285.00

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Total Amount (for 2 batches) with 60 participants	28,97,100.00
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*as per the categories of states of MSDE notifications

Table - 7 Budget for Training of Trainers (ToT) Programme - 11 days [10 days program + travel time 1 day]

Particulars	22 no. of trainers per course, Total targeted participants 220, 5 batches	
	Unit Price	Amount Rs.
Lodging & Boarding for trainers	Rs 2000/day per participant	4,84,000.00 (2000*22*11)
Training Registration Kit	Rs 1200 per Kit	26,400.00 (1200*22)
Certification for trainers	Rs 1200 / participant	26,400.00 (1200*22)
Travel for 22 trainers and 10 faculties (industrial)	Rs 6000 per person	1,92,000.00 (6000*(22+10))
Accommodation for trainers (10 faculties)	Rs 2000 / faculty	20,000.00 (2000*10)
Honorarium for 10 faculties (max 20 sessions)	Rs 2000/session	40,000.00 (2000*20)
Cost per batch (1)		7,88,800.00
Overhead charges of institute (2)	3% of cost	23,664.00
Total cost (1+2) for one batch for 22 participants		8,12,464.00
Cost for total batches (5 batches)		40,62,320.00
Share of training institute (sent trainers for training) (5%)		2,03,116.00
MNRE share for all trainings (95%)		38,59,204.00
		For 110 trainers

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No. 342-11/2/2023-HRD
Ministry of New and Renewable Energy
(Human Resources Development Division)

Atal Akshay Urja Bhawan
Lodhi Road, New Delhi-110003

Dated:- 04.02.2026

OFFICE MEMORANDUM

Subject: Constitution of Committee for monitoring of Jaiv Urja Mitra Skill Development Programme.

The Ministry has launched the Jaiv Urja Mitra Skill Development Programme to train skilled manpower in the area of biomass and bioenergy. National Institute of Bio Energy (NIBE) has been assigned the task of coordination of the trainings under this Programme.

2. Ministry has constituted a committee for the close monitoring and review of the Jaiv Urja Mitra programme on quarterly basis. The composition of the committee is as under:

(i) Group Head, HRD	- Chairman
(ii) Representative from waste to energy division	- Member
(iii) Representative from biomass/biogas division	- Member
(iv) Representative from IFD	- Member
(iv) Scientist 'E', HRD	- Member Secretary

3. The terms of reference of the above Committee shall be as under:

- The committee would closely review and monitor the training programme on quarterly basis and suggest the midcourse correction if any including the review of the budget.
- The committee may co-opt any member (s) with the approval of chairman.

Vasanta V Thakur 4/02/2026
(Dr. Vasanta V Thakur)

Scientist - 'E', HRD

To,

1. Director General, National Institute of Bio Energy, Kapurthala.
2. Dr. Gaurav Mishra, Scientist 'F' Bio Energy - with a request to nominate representative from waste to energy and biomass division.
3. JS & FA, MNRE- with a request to nominate representative from IFD.

Copy to:

1. Sr. PPS to Secretary, MNRE
2. Sr.PPS to AS, MNRE
3. Dr. Sangita M Kasture, Advisor, HRD.

Vasanta V Thakur 4/02/2026
(Dr. Vasanta V Thakur)

Scientist - 'E', HRD
