
***Progress Report
(Nov'18 to
March'19): National
Agricultural Higher
Education Project
(NAHEP)***



Submitted to PIU – NAHEP, ICAR
April, 2019

1. Executive Summary

NAHEP Project Objective:

NAHEP is designed to strengthen the national agricultural education system in India with overall objective to provide more relevant and high quality education to agricultural university students. This programme will promote efficiency and competitiveness through changes in working mechanism of agricultural universities, raising the teaching and research standards through improved research and teaching infrastructure and enhanced faculty competency and commitments, and making agricultural education more attractive to talented students. There are four key components under NAHEP, namely; Institutional Development Plan (IDP), Centres for Advanced Agricultural Sciences and Technology (CAAST), ICAR to support excellence in agricultural universities (AUs), and ICAR Innovation Grants to AUs. It is envisaged that improved AU performance through quality enhancement, better employment and entrepreneurship opportunities created for agriculture graduates, non-accredited AUs attaining ICAR accreditation, and institutional reforms implemented in education division of ICAR and AUs under these components together shall contribute to the achievement of the overall program objective.

Progress made during period: The progress made across each components of NAHEP during Nov'18 to March'19 has been captured herewith.

Component 1 c: ICAR Innovation Grants (IG) to AUs

Under this component, projects have been awarded to select participating AUs to attain accreditation. Reform ready AUs mentoring the non-accredited AUs have also been considered in this component.

<<<<Highlight the broad activities under component in 3-4 lines (sentence form) with emphasis on achievements during period >>>>

In NAHEP, Dr. PDKV, Akola the various activities like Brain storming workshop, Industry Institute Meet, Trainings (National /International), Conferece (International), Training for Students (In-Plant Training and Summer trainings) was organsied.

The various activities were organized for the faculty as well as for the students. These activities having the main emphasis on capacity building and skill development in renewable energy. During this the various renewable energy based prototypes, its use and necessity was dicussed, demonstration was given wherever necessary. Hence the awareness was created about the renewable energy technology based business and its use in agriculture as well as for domestic. The participants from various displines of agricultural science were participated in the various training from all over the country.

4. Component 1 c

ICAR Innovation Grants (IG) to AUs

Component cost
USD 30.8 Mn

4.1 Output-outcome monitoring

S. N.	Particulars ¹	Nov'18 to March'19		
		Plan	Achievement	Progress made during period
1.	Number of innovation grants given	01 (246.95)	01 (224.39932)	
2.	Number of trainings (national and international) undertaken for faculty upgradation including student	04	06	
	Faculty	02	03	
	Student	02	03	
3.	Number of Master and Ph.D students Sandwich Programme undertaken with foreign universities/ National institutions	00	00	
4.	Number of alumni linkages to secure international branding	00	00	
5.	Centres for career development established	00	00	
6.	Number of industry seminars and professional workshops from experts to better prepare students for final placements	03	03	
7.	Number of e- enabled learning activities initiated in AU (MOOC platform, virtual labs, video lectures)	00	00	
8.	Average Grade point average of AU (GPAAU) of awarded AUs ²		2.85	

4.2 Input and activity monitoring

Input / Activity indicator	Sub- head / category	Expenditure / input in INR lakhs		Activity elaboration ³
		Planned	Utilization	
Goods and equipments	Equipment, Plant & Machinery	00	00	The facilities were created for the participants of the various trainings organized by NAHEP. Also during the other period these facilities are useful for the staff and visitors. The various laboratory equipments were purchased to create facility
	Office equipment	5.000	4.93287	
	Laboratory equipment	50.000	49.34390	

¹ Add the numbers for component specific awarded AUs and fill the required fields accordingly. If there was no plan against any specific indicator during this period, it needs to be filled zero.

² As per Guidelines for Accreditation of Higher Agricultural Educational Institutions in India, ICAR

³ Mention the physical numbers and specify the activities / purposes against each input category

Input / Activity indicator	Sub- head / category	Expenditure / input in INR lakhs		Activity elaboration ³
		Planned	Utilization	
				for conducting practicals of participating students / faculties on various renewable energy based technology during trainings. The practicals and theory classes will help to the students for their skill enhancement in Renewable Energy Sector. Also these activities in the training will help for the capacity building and upgradation of the participating faculties.
	Furniture & fixtures	13.000	12.99455	The facilities were created for keeping record i.e. various office files, records, books and instruments were stored in the cupboards and Bookcase. Office tables were purchased for the seating arrangement of contractual persons appointed in NAHEP. E-class room training tables and executive chair are necessary and provide facility for conducting training classes.
	Computers and Peripherals	8.550	8.60173	These facilities were created for day to day office work of NAHEP, For Report preparation and printing to maintain the office record in soft files as well as in hard copy.
	Books and Journals	3.000	2.47327	These newly purchased various books will help for enhancing the study material having emphasis on new trend , innovative research and current scenario in agriculture and agril. Engg. Also the availability of these books will improve the capability of the students for various examination Preparation. This facility is created for PDKV Students Forum.
Civil works	Minor repair and renovation works	24.200	24.00601	The necessary facilities for renewable energy gadgets, modules etc. were created. workshop facility is created, modern class room facilities were formed. For conducting various trainings, training room with necessary facility is created. Hence it will help to improve teaching friendly environment.

Input / Activity indicator	Sub- head / category	Expenditure / input in INR lakhs		Activity elaboration ³
		Planned	Utilization	
Human capacity building	National level training	10.000	7.30095	This training programme is helpful to enhance the skill and develop the capacity of the faculties to went under the culture of entrepreneurship development in course curricula.
	International level training	10.000	9.35227	This training is helpful for the participated scientist, for becoming globally competitive agricultural human resource. Which is capable of developing new technologies and skills for scale up and to transfer new technologies for improve the production system.
	Short visit/ seminars	10.000	9.99620	The visits are essential for the exposure to the students for enhance their views regarding various renewable energy technologies based business development and use of technologies in agricultural sector. The activities like national and international conference are help to upgrade current knowledge in the subject and interaction with national as well as international level scientists.
	Meetings and workshops	10.000	8.70951	These activities includes like brain storming workshop, Industry Institute Meet etc. The brain storming workshop has help in the development of culture of entrepreneurship among the faculties and the students. The Industry Institute Meet is necessary for the interaction between students and entrepreneurs, is increased the job opportunities to students. Also if some of them move towards to become entrepreneur then new employment opportunities increases in the country. These type of meets made the environment for the students to know about current industrial status and their criteria for the selection of new employee. Also journey towards successful entrepreneurship of entrepreneurs may motivate the students to start their own Agro-Bussiness.

Input / Activity indicator	Sub- head / category	Expenditure / input in INR lakhs		Activity elaboration ³
		Planned	Utilization	
Consultancy	National level consultancies	00	00	
Recurrent cost / Miscellaneous	Travel	6.000	1.72807	Travel cost of the faculties, contractual staff, supporting staff and other officials related to NAHEP work, training, conference, visit at national and abroad level etc.
	Contractual services	36.800	24.76242	The contractual staff appointed at NAHEP, Dr. PDKV, Akola are included RA -01 No.,SRF – 03 Nos., JRF – 02 Nos., Technician – 06 Nos. ,Account Assistant – 01 No., Laboratory Assistant – 02 Nos., The contractual services of the staff are necessary for smooth functioning of the various NAHEP activities and NAHEP office work.
	Operational costs	60.400	60.19757	<ul style="list-style-type: none"> • It includes following activities • Raw material for fabrication, erection and installation charges of two solar tunnel dryer of different capacities • Raw material for fabrication, erection and installation charges of modified biogas plant for electricity generation • Raw material for fabrication of solar insect trap • Printing of manual, booklet, essential books etc. • Raw material for conduction of skill operation to convert agro-produce in to value added product • Raw material for skill practical of SPV System • POL, Hiring of Vehicle etc. • Students Innovative Research Project • Preparation of website • Maintaenance of water supply sources, pump, piping and electrification

Input / Activity indicator	Sub- head / category	Expenditure / input in INR lakhs		Activity elaboration ³
		Planned	Utilization	
				<ul style="list-style-type: none"> • Charges of two daily wages labour appointed in NAHEP for cleaning of LABs and Office, Also helps in research activities, training conducted by NAHEP. • Essential software were purchased for teaching and research purpose • Other expenses for operation of NAHEP
	Institutional charges	00	00	
Total	246.950	246.950	224.39932	22.55068 (Balance In Lakh)

4.3 Challenges faced and lessons learnt under Component 1 c:

1	In case of the activities related to Human Capacity Building, the grant released under separate four sub-head for the activities i.e. National level training , International level training, Short visit / seminar, Meetings and workshop. It is a big hurdle for organization of these activities as well as to meet out the expenditure. It will create problem for organization of above sanctioned activities as current release is under four sub-heads. If all the four above mentioned sub-heads are included under a single head in Human Capacity Building (HCB), then it will be very flexible for organization of various activities under HCB and becomes ease to meet out the expenditure.
2	The payment made by PFMS will sent a message on mobile no. of beneficiaries, but many person donot understand this message regading payment because that message is not include the name of office who diposited the amount. Hence it is observed that everytime our NAHEP, staff have telephonically conveyed the message to beneficiaries but if in the message sent by PFMS it includes the name of office deposing the amount then the beneficiaries automatically understand the message.

4.4 Plan ahead (Key activities) for next reporting period

SN	Activity name	Duration	Proposed date
1	National level training		
i	Issue of entrepreneurship in Agricultural engineering	3 week	October 1-21, 2019
ii	Indian Agricultural Education System and Entrepreneurship scope in 21st century	10 days	July 30 to August 08, 2019
iii	National Level In-plant Training on Skill development and Entrepreneurship Development in Solar Energy	16 Weeks	January 01 to April 30, 2020
iv	Summer Training on Business plan/Skill development in Renewable Energy Systems	4 week	June 1-30, 2019

2	International level training		
i	Use of Energy & Renewable Energy Technologies in Farming system	3 week	January 13 to February 1, 2020
3	Short Visit /Seminar		
i	Educational Visit/ Industry tour	10 days	December 20-30, 2019
ii	Organization of National conference on Agro-Entrepreneurship: A Scope for Agriculture Graduate	2 days	November 15-16, 2019
iii	Organization of International conference on Reforming Agriculture Education: Scope and scenario	2 days	February 11-12, 2020
4	Meeting and Workshop		
i	Brain storming session on : Role of Agriculture Graduate in 21st century for sustaining Indian economy	1 day	July 17, 2019
ii	Industry - Institute Meet- Coping the Agricultural Graduate Students as Business Entrepreneurs	1 day	January 23, 2020
iii	Organization of Expert Lecture Series of National and abroad level eminent scientist and engineer, and successful business or entrepreneur - 10 expert lectures	1 lecture/day	During 2019-20
iv	Workshop on Development of skill of local entrepreneurs in Renewable Energy	2 days	September 4-5, 2019
v	Alumni Meet of Dr PDKV, Akola	2 days	October 12-13, 2019