ICAR-National Agricultural Higher Education Project

Annual Progress Report: April 2020 to March 2021

Component1 1c: Innovation Grants (IG)

< Nanaji Deshmukh Veterinary Science University, Jabalpur >

pwc

Executive summary

Name of the AU: Nanaji Deshmukh Veterinary Science University, Jabalpur, Madhya Pradesh

Project Title: Innovation Grant under National Agricultural Higher Education Project for Strengthening of College of Fishery Science, Nanaji Deshmukh Veterinary Science University, Jabalpur (IG)

Executive Summary:

Our institute has established one central instrumental laboratory, one smart class room, one conference hall and we have also organized three skill development program, three training, two webinar for students and faculties. We have also renovated the instructional fish farm during FY -2020-21.

Progress made during FY 2020-21 under NAHEP

1.1. Output-outcome monitoring

S. N.	Particulars	Apr'20 to March'21		Remarks
		Plan	Achievement	(Action plan for areas where improvement is needed)
1.	Number of AUs accredited with revised norms and standards of ICAR	-		
2.	Number of short-term institutional objectives finalised by AU	-		
3.	Number of long-term institutional objectives finalised by AU	-		
4.	Number of innovation grants given	01	01	
5.	Number of e- enabled learning activities initiated in AU (MOOC platform, virtual labs, video lectures)	05	05	
6.	Number of trainings (national and international) undertaken for faculty upgradation	05	05	
7.	Number of international trainings undertaken by faculties under IG comp	00	00	
8.	Number of national trainings undertaken by faculties under IG comp	05	05	
9.	Number of international trainings undertaken by students under IG comp	00	00	
10.	Number of national trainings undertaken by students under IG comp	03	03	
11.	Number of Master and Ph.D students Sandwich Programme undertaken with foreign universities/ National institutions	00	00	
12.	Number of alumni linkages to secure international branding	00	00	
13.	Centres for career development established	00	00	
14.	Number of industry seminars and professional workshops from experts to better prepare students for final placements	02	02	
15.	Number of direct beneficiaries of the project	120 (Students and faculties)	120 (Students and faculties)	
16.	Number of female beneficiaries out of total direct beneficiaries	55	55	

Observation
<<Please provide the explanation on the progress made against the output-outcome monitoring indicator>>

1.2. Input and activity monitoring

Total funds received during 2020-21 by PIU (INR Lakhs)	62.93
Total funds received till 2020-21 (Cumulative) (INR Lakhs)	62.93
Total expenditure during the year 2020-21 (INR Lakhs)	58.79
Total expenditure till 2020-21 (Cumulative) (INR Lakhs)	58.79

Input / Activity indicator	Sub- head / category	Apr'20 to March'21 Expenditure / input in INR lakhs Utilization	Planned	Activity elaboration
Goods and equipment	Equipment, Plant & Machinery		**00**	
	Office equipment	**9.14**	**9.15**	
	Laboratory equipment	**25.90**	**26.10**	
	Furniture & fixtures	**4.95**	**5.05**	
	Computers and Peripherals	**00**	**00**	
	Books and Journals	**00**	**00**	
Civil works	Minor repair and renovation work	**12.99**	**13.00**	
Human capacity building	National level training	**00**	**1.00**	
	International level training	**00**	**00**	
	Short visit/ seminars	**0.50**	**0.50**	
	Meetings and workshops	**0.50**	**0.50**	
Consultancy	National level consultancies	**00**	**00**	
Recurrent cost / Miscellaneous	Travel	**0.50**	**1.00**	
	Contractual services	**2.05**	**2.80**	
	Operational costs	**1.58**	**3.00**	
	Institutional charges	**0.83**	**0.83**	
Total		**58.79**	**62.93**	

Observation
<<Please provide the explanation on the progress made against the input and activity monitoring parameters>>

1.3. NAHEP outreach and other unique initiatives undertaken

a) Case studies/success stories developed under NAHEP

Value-added food products are raw or pre-processed goods whose value is enhanced by adding ingredients or processes that make them more attractive to the buyer and / or more easily usable by the consumer. Students of the College of Fishery Science have been developed that transform value-added fish products through the Technical Initiative Program.

b) Knowledge management and outreach initiatives (development of collaterals, newsletter, social media outreach activities, creation of website, experiential learning workshop, exposure visits, (provide the details of the documents/articles/reports/modules/social media outreach/ website creation/experiential learning workshop/exposure visits etc. developed under NAHEP along with the suitable photograph of the cover-page and web-link (if available) – brief summary, cover page,

S.N	Category of the collateral	Brief summary	Snapshot/cover page	Weblink (if any)
1	Experiential learning workshop	Fabrication of aquarium tank is an art which we can learn within two to three days of practical experience. Students of the College of Fishery Science have been developed that different sixe aquarium	 प्रदेश टुडे 'हैंड्स ऑन ट्रेनिंग' में फिशरी छात्र सीख रहे एक्वेरियम फ्रेबिक्रिएशन	

		fabrication and maintenance through the Technical Initiative Program.		
2	Website creation	To Sharing Information and Knowledge		https://nahep-ig-cofsc.com/

c) Unique initiatives undertaken due to Covid-19 disruption

1. Digital infrastructure
-One central laboratory has established
-One Smart Class room has established
-One Conference Hall has established

2. Digital initiatives:
(organizing trainings through online, conducting online examinations, administering attendance, developing of web applications, e-learning modules etc.

S.N	Category of the collateral	Digital initiative	Practice before introduction of the initiative	Practice after introduction of the initiative
1	Trainings through online	Yes	Through Offline	Through Online
2	Conducting online examinations	Yes	Through Offline	Through Online

Please provide maximum 5 photographs with high quality (minimum 1-2MB) and label with suitable caption. Attach the photographs separately in the mail.

Experiential learning workshop	Aquarium fabrication training

Challenges faced and lessons learned while implementing the project at your AU:

Challenges	
1	Due to the COVID-19 pandemic we were confronted with the transition of a large, on-campus introductory fishery science course into an online setting.
Lessons learned	
1	This created several challenges, such as providing meaningful learning experiences to engage students, and restructuring course content for the online environment
2	Our experience included the use of virtual laboratories, traditional online course materials, synchronous and asynchronous discussions, and the use of question banks for online exams

Plan ahead (Key activities) for next reporting period:

1	Establishment of Digital Library
2	Establishment of Biofloc unit, RAS and Wet Lab
3	Establishment of Small Fish Feed Mill
4	