



NAHEP



वार्षिक प्रतिवेदन (2022-23) Annual Report (2022-23)

National Agricultural Higher Education Project (NAHEP) Component-2@NAARM

भारत-राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी, हैदराबाद
ICAR-National Academy of Agricultural Research Management
Hyderabad-500 030, Telangana, India



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PREFACE

It is with great pleasure that I present the Annual Report for Financial Year 2022-23 of the National Agricultural Higher Education Project (NAHEP) Component 2 at ICAR – National Academy of Agricultural Research Management. This report highlights the achievements, R&D progress, and challenges encountered during the year in implementing the project's objectives.

The NAHEP is a flagship project of the Indian Council of Agricultural Research that aims to enhance the quality and relevance of agricultural higher education in India, the Component 2 titled as "Investments in Indian Council of Agricultural Research Leadership in Agricultural Higher Education" is headed by ICAR- Indian Agricultural Statistics Research Institute, New Delhi, while ICAR- National Academy of Agricultural Research Management (NAARM) as a Collaborating Center addresses five of nine objectives independently.

Communication among team members was top priority and strengthened through 12 in-house meetings. During the reporting period, the project through 153 workshops and awareness programmes reached to around 19000 beneficiaries. NAARM at its campus conducted 11 events, while partners such as Career Development Centers (CDCs) at 05 SAUs through 104 events reached to around 15000 beneficiaries, these CDCs conducted 08 'Career Fairs' too. SAUs as important partner in various regions of the country conducted 27 one-day awareness programmes on "Soft Skills for Entrepreneurship" and trained around 3000 agricultural students. NAHEP@NAARM provided 27 'Master Trainers' for each of these SAUs.

Mainstreaming of agricultural higher education by private universities was the major agenda this FY, several regional workshops and one 'National Symposium' was conducted in participation with more than 30 private universities and national policy issues were identified. Another national level issue 'Academia-Industry Linkages' was addressed through research surveys, and a national conference on "Policy Development and Implementation Strategies for Academia-Industry Government Linkages in Agricultural Higher Education in India" was also conducted. A large number of Vice Chancellors of SAUs, Chancellors of private universities, bureaucrats and high level functionaries from private industries/ start-ups participated in these two events. Deputy Director General (Agrl. Education), ICAR Chaired these events, and several former DDGs also participated and contributed. Appropriate interventions have been identified for policy development and implementation. Several research papers and popular articles and copyrights on 'CDC online Monitoring System' and 'FDC Online Monitoring Systems' are other significant achievements. The CDC system has been implemented in 05 SAUs, and Faculty Development Centre (FDC) has been implemented in GB Pant University of Agriculture and Technology, Pantnagar.

I express my gratitude to all Co-PIs, project staff, officers and staff in Administrative and Finance sections at NAARM. I am thankful to Dr R.C. Agrawal, National Director NAHEP, Dr Ch Srinivasa Rao, Director, NAARM, Dr Anuradha Agrawal, National Coordinator, Dr Sudeep, Principal Investigator, and Dr G. Venkateshwarlu, JD, NAARM. I hope that this report will serve as a valuable resource for all those interested in agricultural education and contribute to the development of policies and programs to enhance the quality of agricultural education in India.


(SK Soam)

Principal Investigator, NAHEP Component-2
Collaborating Center, ICAR-NAARM, Hyderabad

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1.	Dr. S.K. Soam	CCPI & Head ICM
2.	Dr. D. Thammi Raju	Co-PI & Principal Scientist
3.	Dr. N. Srinivasa Rao	Co-PI & Principal Scientist
4.	Dr. Alok Kumar	Co-PI & Principal Scientist
5.	Dr. V.V. Sumanth Kumar	Co-PI & Principal Scientist
6.	Dr. Sanjiv Kumar	Co-PI & Scientist
7.	Dr. (Mrs.) Surya Rathore	Co-PI & Principal Scientist
8.	Dr. S. Senthil Vinayagam	Co-PI & Principal Scientist
9.	Dr. M. Balakrishnan	Co-PI & Principal Scientist
10.	Dr. Yashavanth B S	Co-PI & Scientist
11.	Dr. P. Krishnan*	Co-PI & Principal Scientist
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13.	Dr. Rupan Raghuvanshi	Research Associate
14.	Ms. Sweety Sharma	Research Associate
15.	Mr. Raghupathi B	Research Associate
16.	Dr. S. Ajit Kumar	Research Associate
17.	Dr. T. Thiyagarajan	Research Associate
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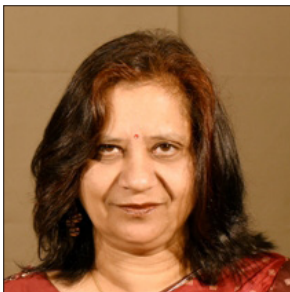
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Relieved on 24-09-2022

1. NAHEP Component 2A – An overview

Component 2: Investments in ICAR Leadership in Agricultural Higher Education

This component aims to finance institutional reforms within ICAR to enhance ICAR's effectiveness in coordinating, guiding and managing agricultural higher education. It also aims to enhance ICAR's interactions with Agricultural Universities(AUs) and key stakeholders nationwide through interventions that increase the quality and relevance of agricultural higher education. Goods, training, consultant services and non-consulting services and incremental operating costs are financed under this component. It majorly includes the followings:

- Assessing options in the administration and award of ICAR's technical and financial assistance to AUs;
- Structuring dialogue with State governments to catalyze their participation in raising the quality and relevance of agricultural higher education;
- Providing assistance to participating AUs for the development of IDPs, CAASTs and Innovation Plans;
- Establishing partnerships with globally recognized agricultural higher education institutions;
- Developing digital information systems for agricultural data collection, analysis and dissemination;
- Improving curricula review processes and methods to consolidate and disseminate global best-practices in agricultural education;
- Improving the all-India entrance examination in agriculture, including an on-line national examination system;
- Adopting next-generation management systems covering information, procurement, contract and financial management areas;
- Coordinating an External Advisory Panel of renowned agricultural education experts;
- Assisting agricultural universities to strengthen their linkages with industry; and
- Promoting the establishment of centres for career development at agricultural universities.

A. Project Objectives

At ICAR-IASRI

1. To develop ICT infrastructure as technical assistance to AUs.
2. To develop digital information systems for agricultural education, data collection, analysis and dissemination.
3. To develop and implement next-generation management systems covering information in regard to procurement to contract management and financial management areas.

At ICAR-NIAP

4. To develop the mechanism for online all-India entrance examination system in agriculture.

At ICAR-NAARM

5. To establish partnerships with globally recognized agricultural higher education institutions.
6. To promote the establishment of Career Development Centre (CDC) and Faculty Development Center at agricultural universities.
7. To improve curricula review processes and methods to consolidate and disseminate global best practices in agricultural education.
8. To assist agricultural universities in strengthening their linkages with industry.
9. Structuring dialogue with the state government to catalyse their participation in raising the quality and relevance of agricultural higher education.

The list of key meetings conducted by the NAHEP team from April 2022 to March 2023 is presented below:

S.No.	Title	Date	Number of beneficiaries
1.	NAHEP Component 2 – Review & Action Plan Meeting	21-04-2022	14
2.	NAHEP Faculty – Staff Interaction Meeting	22-04-2022	12
3.	NAHEP Faculty – Staff Interaction Meeting	04-05-2022	12
4.	NAHEP Component 2 – Review & Action Plan Meeting with National Director	05-07-2022	20
5.	NAHEP Component 2 – Review & Action Plan Meeting	15-07-2022	09
6.	NAHEP Project Meeting	05-08-2022	13
7.	Meeting with Committee members of National Symposium on “Mainstreaming of Agriculture Higher Education by Private Universities in India”	26-09-2022	30
8.	NAHEP Component 2 – Review & Action Plan Meeting	17-12-2022	09
9.	NAHEP Component 2 – Online Review & Action Plan Meeting by Director, NAARM & NC	13-02-2023	21
10.	NAHEP meeting for Policy Workshop Planning	20-02-2023	21
11.	NAHEP meeting for Policy Workshop Planning	23-02-2023	14
12.	NAHEP meeting for Policy Workshop preparations	07-03-2023	36

B. Project Cost

Total NAHEP Comp 2A Budget: **INR 6941.513Lakhs**

Budget for ICAR-NAARM: **INR 1704.173Lakhs**

C. Project Beneficiaries

The beneficiaries of NAHEP during FY 2022-23 comprises **18602** participants including **11028** Male and **7574** Female from SAUs, CAUs, Deemed Universities, Central University with Agriculture Faculty and Foreign Participants from the USA and other countries.

Abstract of Beneficiaries from Activities held at ICAR-NAARM

S.No.	Programme Title	Coordinator	Number of Beneficiaries (Female)
1.	A Dialogue on Fostering Collaborations of Research and Education for Quality Agricultural Higher Education on 10 May 2022	Dr S K Soam, Dr D Thammi Raju Dr Alok Kumar	42 (04)
2.	A Workshop on Building Academia – Industry Partnerships through Alumni for Quality Agricultural Higher Education on 14 May 2022	Dr Surya Rathore Dr V V Sumanth	179 (76)
3.	NAHEP Review Meeting by National Director, NAHEP on 05 July 2022	Dr S K Soam, Dr D Thammi Raju Dr N Srinivasa Rao	20 (03)
4.	Training Programme on Nurturing the Entrepreneurial Ecosystem in Agricultural Universities during 23-27 July 2022	Dr Surya Rathore	84 (32)
5.	Review Meeting of Career Development Centers of NAHEP Component 2 on 28 September 2022	Dr N Srinivasa Rao Dr Alok Kumar Dr D Thammi Raju	25 (08)
6.	National Symposium on Agricultural Higher Education by Private Universities on 29 September 2022	Dr S K Soam Dr D Thammi Raju Dr N Srinivasa Rao Dr Surya Rathore	99 (12)
7.	Review Meeting of Career Development Centers of NAHEP Component 2 on 17 February 2023	Dr N Srinivasa Rao Dr Alok Kumar Dr D Thammi Raju	20 (01)
8.	Training of Trainers (ToT) workshop on Development of Soft Skills for Entrepreneurship Among Agri Graduates during 23-24 January 2023	Dr Surya Rathore	27 (07)
9.	Training Programme on Education Management and Academic Leadership during 06-10 February 2023	Dr D Thammi Raju	22 (02)
10.	5 th Meeting of External Advisory Panel on 09 March 2023	Dr S K Soam Dr D Thammi Raju	26 (04)
11.	National Conference on Policy Development and Implementation Strategies for Academia-Industry-Government Linkages for Agricultural Higher Education in India during 12-13 March 2023	Dr S K Soam Dr D Thammi Raju Dr M Balakrishnan Dr Alok Kumar Dr B S Yashavanth Dr Sanjiv Kumar	65 (06)
Total			609(155)

Abstract of Beneficiaries from Career Development Centres(CDC) and Faculty Development Centre(FDC) during FY 2022-23

S.No.	Centre Type and University Name	No. of Programme organized	Number of Beneficiaries (Female)
1.	CDC at CAU Imphal	4	333 (175)
2.	CDC at IGKV Raipur	51	6662 (2634)
3.	CDC at SKNAU Jobner	40	6140 (2885)
4.	CDC at SVVU Tirupati	10	1065 (464)
5.	CDC at UBKV Cooch Behar	9	897 (186)
6.	FDC at GBPUAT Pantnagar	01	30
	Total	115	15127 (6344)

Abstract of Beneficiaries from Student Awareness Programmes - Development of Soft skills for Entrepreneurship among Agri Graduates during FY 2022-23

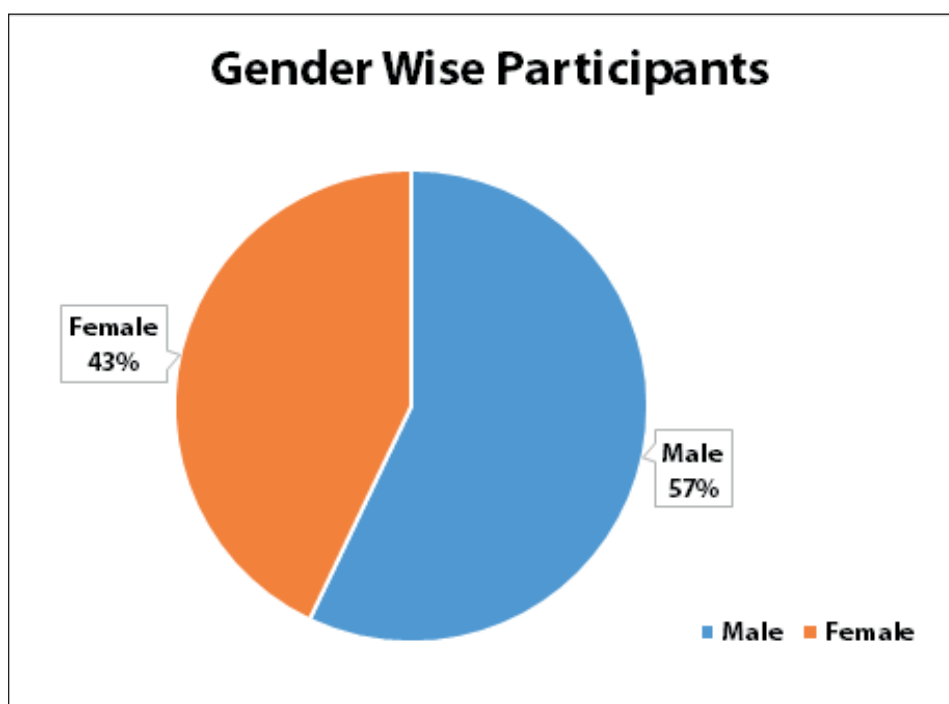
S. No.	Name of the University	Date of Workshop	Coordinator Name	Number of Beneficiaries (Female)
1.	Acharya N.G Ranga Agricultural University, Guntur	16-02-2023	Dr. Bilquis	100 (91)
2.	Acharya Narendra Deva University of Agriculture and Technology Kumarganj, Ayodhya (Uttar Pradesh)	27-02-2023	Dr. Rajesh Kumar Verma	100 (37)
3.	Anand Agricultural University, Anand, Gujarat	24-02-2023	Mr. Kedar Damale	100 (37)
4.	Bihar Agricultural University, Sabour, Bhagalpur	01-03-2023	Dr. Chandan Kumar Panda	100 (33)
5.	Dr YSP University of Horticulture and Forestry, Nauni, Solan (HP)	28-02-2023	Dr. Pratima Rana	100 (70)
6.	Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana	18-02-2023	Dr Nitin Dev Singh	100 (46)
7.	Indira Gandhi Krishi Viswa Vidhyalaya, Raipur	24-02-2023	Dr. Sanjay Kumar Joshi	127 (62)
8.	Junagadh Agricultural University, Junagadh (Gujarat)	24-02-2023	Dr. B Swaminathan	101 (49)
9.	Kerala Agricultural University, Thrissur	18-03-2023	Dr. Chinchu V.S	100 (67)
10.	Kerala University of Fisheries and Ocean Studies, Panangad, Kochi	04-03-2023	Dr. Gijo Ittoop	127 (96)

S. No.	Name of the University	Date of Workshop	Coordinator Name	Number of Beneficiaries (Female)
11.	Kerala Veterinary and Animal Sciences University, Pookode, Wayanand, Kerala	04-03-2023	Dr. Justin Davis	114 (78)
12.	Lala Lajpat Rai University of Veterinary and Animal Sciences	28-02-2023	Dr. Vandana Chowdhary	100 (31)
13.	Navsari Agricultural University (NAU), Navsari-396450. (Gujarat)	27-02-2023	Dr. Mehul G. Thakkar	100 (38)
14.	Nanaji Deshmukh Veterinary Science University, Jabalpur	14-03-2023	Dr. Rajkumar Patel	108 (40)
15.	Rajasthan University of Veterinary and Animal Sciences	13-03-2023	Dr. Devi Singh Rajput	100 (36)
16.	Rani Lakshmi Bai Central Agricultural University	04-03-2023	Dr. Anil Kumar	103 (46)
17.	Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu	21-02-2023	Dr. Pranav Kumar	100 (49)
18.	SKN Agriculture University, Jobner	21-02-2023	Dr. M K Sharma	100 (63)
19.	Sri Konda Laxman Telangana State Horticultural University, Hyderabad	22-02-2023	Dr. M. Srinivas	100 (56)
20.	Swami Keshwanand Rajasthan Agricultural University, Bikaner	17-02-2023	Dr. Shirish Sharma	105 (47)
21.	Tamil Nadu Agricultural University, Coimbatore	18-02-2023	Dr. K Divya	100 (61)
22.	Tamil Nadu Fisheries University, Nagapattinam	05-02-2023	Dr. T Uma Maheshwari	100 (61)
23.	Tamil Nadu Veterinary and Animal Sciences University, Chennai	18-03-2023	Dr. M. Prabu	115 (43)
24.	University of Agricultural Sciences, Dharwad	28-02-2023	Dr. S. S. Dolli	120 (75)
25.	University of Agricultural Sciences, Raichur	13-03-2023	Dr. Lokesh G. B.	105 (44)
26.	University of Horticulture Sciences, Bagalkot	11-03-2023	Dr. Pavan Kumar	106 (64)
27.	Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani	13-03-2023	Dr. Jyothi M. Deshmukh	142 (69)
			Total	2874 (1489)

2. Snapshot Information of Activities

FY 2022-23

Total Number of trainings/Workshops organised	153
Total Number of Beneficiaries(female)	18610 (7988)
Number of Institutions benefitted in the country	100+



Direct beneficiaries of the project activities in FY 2022-23 include Students, faculty from, State Agricultural Universities, who are directly involved in the workshops/trainings under component 2A throughout the country.

Beneficiaries	Proposed Project Benefits
Students	<ul style="list-style-type: none"> • Creation of awareness regarding innovativeness and entrepreneurship in the agricultural sector among agricultural graduates • Development of soft skills among the undergraduate students of Agricultural Universities
Faculties	<ul style="list-style-type: none"> • Capacity building through online trainings and workshops for effective education delivery among SAUs.

3. NAHEP Component 2A - Significant Achievements

The academy has been assigned five objectives of component 2. The achievements under each objective of the project during FY 2022-23 are presented below:

Objective 5: To establish partnerships with globally recognized agricultural higher education institutions

Review of global partnerships among higher educational institutions for identification of problems and prospects

Developed online questionnaires on Building Partnerships with Higher Education Institutions who visited abroad under NAIP, NATP, DST, DBT etc. Data has been collected from around 500 scientists.

Scouting of globally recognized agricultural higher education institutions

The different types of institutes have been identified with its major core areas of work in different countries all over the world. A list of 215 Higher Educational Institutions (HEIs) was prepared with the major core areas of their work for scouting of globally recognized agricultural higher education institutions. These institutes can be helpful to know their areas with best practices they follow as well as which activities they are following to maintain the status of the institutes. Therefore, it will be easy to find out the things which are needed or required.

Study of existing MoUs of ICAR/AUs with foreign universities

MoUs from all Indian agricultural universities and ICAR have been collected and studied to analyse the existing areas of linkages among higher education institutions. Total of 667 MoUs of State Agricultural Universities and ICAR with the higher education institutions and foreign universities have been studied. Based on the review of MoUs, a model template of MoU was developed.

Developed a national network of inspired teachers in all disciplines across India

A Portal to enter the database of inspired teachers throughout the country was developed. So far, detailed information on 1600 faculties is collected from 50 universities and entered into the database. The efforts are being done to upload this database of "Inspired Teachers of NARS on the ICAR website with restricted access.

Developed National Web Portal for SAU Alumni

The framework of a National Web Portal for the Agricultural Universities Alumni was developed after wide consultations during the meeting held at NAARM on January 22, 2020, where stakeholders from IASRI, New Delhi as well as Academia and Industry participated. As per the agreed responsibility, the IASRI, New Delhi was to develop the online platform, and ICAR-NAARM was to develop the format of a dataset, collect it and contribute to the national portal. The online platform has been developed and as an initial input, NAARM has provided the dataset of approximately 5000 alumni of various SAUs. Now the web portal named as "Krishi Vishwavidyalaya Chhatr Alumni Network" is fully operational. The Alumni Portal is available at ICAR website <http://alumni.icar.gov.in/>

Initiated global collaborative partnerships

A total 10 Universities which are not covered directly under IDP, CAAST and IG Components of NAHEP are selected on the basis of ICAR University ranking 2018 for faculty and student exchange, short duration studies etc. An international webinar on "Fostering Global Collaborations among Agricultural Higher Educational Institutions" conducted during 08-09 November 2021, around 200 participants from various SAUs were participated in this webinar.

Objective 6: To promote the establishment of Career Development Centres (CDC) and Faculty Development Center at agricultural universities

Career Development Centres (CDCs)

ICAR-NAARM under National Agricultural Higher Education Project (NAHEP) Component 2 established five Career Development Centers (CDCs): Central Agricultural University, Imphal; Sri Karan Narendra Agriculture University, Jobner; Uttar Banga Krishi Viswavidyalaya, Cooch Behar; Sri Venkateswara Veterinary University, Tirupati; and Indira Gandhi Krishi Vishwavidyalaya, Raipur. As presented in table 6.1, the CDCs has conducted 104 events, including 14032 students. For proper & transparent monitoring, an online system has been developed. This online system can ensure that all the CDCs are working in a unified manner. Few most important features are publicly availability of CDC activities; standardization of activities; effective monitoring; structured data organization; timely and untampered feedback; standardization in reporting. Looking to wider online applications and real time data visualization capabilities, the application for copyright registration has been initiated. Three State Agricultural Universities viz. Kerala Veterinary and Animal Sciences University, Wayanad, Kerala; Anand Agricultural University, Gujarat; Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishwavidyalaya, Palampur, Himachal Pradesh have started CDCs at their own. These new CDCs will be involved in NAHEP activities

URL: Career Development Centres Monitoring System: <https://nahep.naarm.org.in/cdc>

Table 6.1: Activities of CDCs in FY 2022-23:

S.No.	Activity Name	Type of Activity	Duration	Total No. of Participants
CDC at CAU, Imphal				
333 (Female: 175) Participants				
1.	A Talk on job opportunities for Veterinarians	Seminar	23-03-2023	42 (25)
2.	Entrepreneurship Development on Meat Processing	Webinar	08-02-2023	60 (36)
3.	JRF Coaching	Training Programme	01-02-2023 to 31-03-2023	30 (20)
4.	Motivational Talk on Career on Civil Services	Webinar	17-01-2023 to 17-04-2023	201 (94)
			Total	333 (175)
CDC at IGKV, Raipur				
6662 (Female: 2634) Participants				
1.	Campus Placement	Placement Drive	26-04-2022	28 (6)
2.	Campus Placement	Placement Drive	23-06-2022	22 (4)

S.No.	Activity Name	Type of Activity	Duration	Total No. of Participants
3.	Zilveren Jubelium: 25 Years of Biotechnology Department	Alumni Meet	15-10-2022	87 (23)
4.	Preparation of UPSC and ARS examination	Workshop	12-11-2022	228 (109)
5.	Campus Outreach Programme -VNR	Placement Drive	09-01-2023	120 (45)
6.	Building of Healthy youth through sports	Workshop	16-02-2023	276 (98)
7.	Skill development for future employment opportunities	Workshop	17-02-2023	278 (105)
8.	Role of world peace in sustainable development	Workshop	20-02-2023	266 (117)
9.	Youth development through yoga and ayurveda	Workshop	21-02-2023	270 (109)
10.	Role of youth in democratic country	Workshop	22-02-2023	290 (137)
11.	Sustainable development in the era of climate change	Workshop	23-02-2023	264 (122)
12.	Development of soft skills for entrepreneurship among agricultural graduates	Workshop	24-02-2023	112 (47)
13.	Campus Placement-Agzistence	Placement Drive	25-02-2023	15 (4)
14.	Campus Outreach Programme-Agzistence	Placement Drive	01-03-2023	56 (18)
15.	Campus Outreach Programme-Bayer	Placement Drive	15-03-2023	423 (189)
16.	Personality Development and Career Guidance for Agricultural Engineering Graduates	Workshop	20-03-2023 to 21-03-2023	110 (37)
17.	"Job Opportunities in Indian Administrative Services"	Seminar	24-03-2023	275 (92)
18.	Skill development for future employment opportunities	Seminar	23-02-2023	85 (36)
19.	Sustainable development in the era of climate change	Seminar	23-02-2023	85 (36)

S.No.	Activity Name	Type of Activity	Duration	Total No. of Participants
20.	General Introduction Y-20	Seminar	24-02-2023	85 (36)
21.	Building of Healthy youth through sports	Seminar	24-02-2023	85 (36)
22.	Seminar on Personality Development and Career Opportunities for Agriculture Students	Seminar	24-02-2023	66 (31)
23.	Seminar on Personality Development and Career Opportunities for Agriculture Students	Seminar	24-02-2023	41 (19)
24.	Seminar on Personality Development	Seminar	29-03-2023	83 (49)
25.	Orientation cum Parents-Teacher Meeting	Seminar	19-10-2022	91 (38)
26.	Career opportunity in Agriculture	Seminar	15-03-2022	26 (14)
27.	Personality Development and Career Opportunities for Agriculture Students	Seminar	29-03-2022	90 (55)
28.	Career Development Activity	Training Programme	22-03-2023	79 (37)
29.	Seminar for personality development and career counselling of students	Seminar	27-02-2023	50 (22)
30.	Seminar for personality development and career counselling of students	Seminar	11-03-2023	52 (28)
31.	Career and Personality Development	Workshop	15-03-2023	91 (34)
32.	Youth-20 Seminar under G-20 Programme	Workshop	15-02-2023	54 (19)
33.	Personality Development and Career Opportunities for Agriculture Students	Workshop	29-03-2023	230 (70)
34.	Career Guidance	Training Programme	29-03-2023	70 (28)
35.	Bank Exam Preparation	Training Programme	29-03-2023	85 (20)
36.	Personality Development	Seminar	5-11-2022	85 (25)
37.	Millet Awareness	Training Programme	1-12-2022 to 2-12-2022	80 (30)
38.	Career Opportunities for agricultural Students	Workshop	1-01-2023 to 3-01-2023	100 (20)

S.No.	Activity Name	Type of Activity	Duration	Total No. of Participants
39.	BHU, ICAR, Civil Services Preparation	Seminar	19-01-2023	85 (30)
40.	Communication Skill Development	Workshop	06-02-2023	100 (20)
41.	Preparation of competitive Examination	Seminar	22-02-2023 to 23-02-2023	120 (30)
42.	Horticulture crop improvement	Training Programme	3-03-2023	80 (20)
43.	Career Opportunities for agricultural Students	Seminar	3-03-2023	155 (75)
44.	Career Guidance	Training Programme	3-03-2023	67 (23)
45.	Carrier Guidance	Training Programme	3-03-2023	112 (44)
46.	Participation of Youth in Democracy	Workshop	3-03-2023	105 (41)
47.	Build a healthy society through sports	Workshop	3-03-2023	95 (35)
48.	Workshop on entrepreneurial Behaviour	Workshop	05-08-2022	138 (66)
49.	Career guidance	Training Programme	16-10-2022	400 (140)
50.	Seminar	Workshop	27-03-2023	217 (95)
51.	Career Guidance	Training Programme	29-03-2023	155 (70)
			Total	6662 (2634)
CDC at SKANU, Jobner				
6140 (Female:2885) Participants				
1.	Started Career Advancement Bootcamp (CAB) programme	Training Programme	06-09-2022 to 15-10-2022	29 (29)
2.	Conducted the ANJUMAN- An Open Mic Platform	Training Programme	07-09-2022	155 (85)
3.	Started the Career Advancement Bootcamp (CAB) programme	Training Programme	15-09-2022 to 11-11-2022	33 (28)
4.	Conducted the Orientation Programme regarding Career Development of B.Sc. (Hons) Ag. Part I	Training Programme	04-10-2022	70 (40)

S.No.	Activity Name	Type of Activity	Duration	Total No. of Participants
5.	Conducted the Orientation Programme regarding Career Development of B.Sc. (Hons) Ag. Part I	Training Programme	14-10-2022	45 (15)
6.	Started the Career Advancement Camp namely SKNAU-CAB 3	Training Programme	14-11-2022 to 26-12-2022	34 (23)
7.	Started the Career Advancement Camp namely SKNAU-CAB 4	Training Programme	06-12-2022 to 10-01-2023	30 (4)
8.	Started the Career Advancement Camp namely SKNAU-CAB 5	Training Programme	07-12-2022 to 11-01-2023	30 (30)
9.	Started the Career Advancement Camp namely SKNAU-CAB 6	Training Programme	07-12-2022 to 11-01-2023	30 (30)
10.	Conducted the Orientation Programme regarding Career Development of B.Tech. (Dairy Tech.) Part II	Training Programme	13-12-2022	32 (14)
11.	An interaction meeting was conducted with the Sh. Sanjul Bhakri, Vice President of Medha Foundation, Lucknow regarding status, planning and execution of soft skills for university students.	Placement Drive	09-12-2022	0 (0)
12.	Workshop on "Importance of having a positive mindset for excellence in class."	Training Programme	27-12-2022	246 (132)
13.	Workshop on "Secrets of Success."	Training Programme	31-12-2022	246 (132)
14.	Lectures on "Effective way of letter writing and resume making"	Training Programme	11-01-2023	65 (25)
15.	Started Technological Advance Boot Camp (SKNAU-TAB)	Training Programme	09-01-2023	88 (60)
16.	Sensitization programme on the topic "Entrepreneurship Development in Agriculture" and total (offline and online) conducted by ICAR-NAARM, Hyderabad	Placement Drive	09-01-2023	1000 (440)

S.No.	Activity Name	Type of Activity	Duration	Total No. of Participants
17.	Organized a programme on "Financial Awareness and Consumer Training" in collaboration with, Medha Foundation, National Centre for Financial Education (NCFE), AU Small Finance Bank	Training Programme	16-01-2023	80 (45)
18.	One day Awareness Workshop on "Development of Soft Skills for Entrepreneurship among Agri-graduates" for B.Sc. (Hons) Ag, Pt- IV Students	Workshop	21-02-2023	100 (63)
19.	Started Career Advancement Boot Camp (CAB)	Training Programme	24-02-2023 to 31-03-2023	30 (18)
20.	Conducted a lecture on "Career development in Agriculture"	Training Programme	28-02-2023	57 (32)
21.	Conducted a lecture on "Entrepreneurship Development through Beekeeping"	Training Programme	2-03-2023	57 (32)
22.	Conducted a lecture on "Resume making"	Training Programme	02-03-2023	60 (20)
23.	Conducted a Lecture and a tour on "mushroom cultivation."	Training Programme	02-03-2023	48 (10)
24.	Conducted a lecture on "Natural farming"	Training Programme	03-03-2023	57 (32)
25.	Conducted a lecture on "Self-Motivation"	Training Programme	04-03-2023	57 (32)
26.	Exposure visit conducted at CCSHAU-RRS, Bawal	Industry Visit	21-03-2023	57 (32)
27.	Conducted a lecture on "Career Planning & Personality Development "	Training Programme	18-03-2023	40 (18)
28.	Conducted a lecture on "Computer Skills"	Training Programme	27-03-2023	40 (15)
29.	Conducted a lecture on "Skills & Motivation"	Training Programme	28-03-2023	40(15)
30.	Conducted a lecture on "Opportunities of Employment in Agriculture Sector and Skill Development"	Training Programme	18-03-2023	100 (45)

S.No.	Activity Name	Type of Activity	Duration	Total No. of Participants
31.	Conducted a lecture on "Preparation for ICAR-Exam" and "Strategy to crack ICAR"	Training Programme	20-03-2023	60 (38)
32.	Conducted a lecture on the topic "Language, Communication and Personality Development Skills"	Training Programme	25-03-2023	227 (119)
33.	Conducted Lecture on Language, Communication, Personality Development and Interviewing skills"	Training Programme	25-03-2023	61 (23)
34.	Conducted a lecture on "Strategies to crack ICAR PG examination"	Training Programme	20-03-2023	216 (123)
35.	Conducted a lecture on "Mushroom Production Technology"	Training Programme	02-03-2023	60 (25)
36.	Demo - Subscribed the Grammarly software for PG & Ph.D. students	Training Programme	27-03-2023	120 (65)
37.	Demo -Subscribed the Cisco-Webex software to conduct the online meeting/programme etc.	Training Programme	01-03-2023	2200 (900)
38.	Demo - Subscribed the Online course module to prepare the competitive Examination for UG and PG Students of the University	Training Programme	28-03-2023	100 (60)
39.	Conducted a lecture on topic "Internet, Network, Artificial Intelligence, Big Data, IT, Computing, Robotics etc "	Training Programme	27-03-2023	67 (18)
40.	Conducted a Lecture on topic "Social skills & Motivation"	Training Programme	28-03-2023	73 (18)
			Total	6140 (2885)
CDC at SVVU, Tirupati				
2629 [Female: 1267] Participants				
1.	Career Orientation Training Program for Agril and allied sciences Career Development Training Program for all campuses of Agril colleges, Veterinary and Dairy Technology students, Preparedness for competitive exams	Capacity Building	10-06-2021 to 11-06-2021	341 (189)
			Total	2629 (1267)

S.No.	Activity Name	Type of Activity	Duration	Total No. of Participants
CDC at UBKV, Cooch Behar 897 [Female: 186] Participants				
1.	Invited lecture on Foundation Building of agricultural students on Entrepreneurship Development	Training Programme	16-11-2022	51 (20)
2.	Sensitization Workshop on Corporate and Media Coordination for UG students	Workshop	17-11-2022	80 (22)
3.	Sensitization Workshop on Corporate and Media Coordination for PG students	Workshop	18-11-2022	90 (12)
4.	Learning and Career Opportunities in Agribusiness, Plantation, Food and Agri-exports	Webinar	29-11-2022	14 (2)
5.	Placement drive by NGO PRADAN	Placement Drive	01-03-2023 and 02-03-2023	60 (12)
6.	Workshop and Panel discussion on Career Boosting and Agri-preneurship	Workshop	14-03-2023	135 (32)
7.	Career Expo-2023	Placement Drive	15-03-2023	118 (31)
8.	Alumni Meet and Reunion	Alumni Meet	15-03-2023	240 (25)
9.	Workshop on Creating Digital Content for Effective Communication	Training Programme	22-03-2023	109 (30)
			Total	897(186)
Total workshops conducted by CDCs: 104 Total Beneficiaries: 14032				

CDC Committee at CAU, Imphal

S.No.	Committee	Name & Designation	Organization
1.	Chairperson	Dr. S. Basanta Singh Director of Instruction	Central Agricultural University Imphal, Manipur
2.	Vice-chairperson	Prof. Indira Sarangthem Dean, College of Agriculture, CAU, Imphal	Central Agricultural University Imphal, Manipur
3.	Member(Faculty Representative)	Prof. Nabachandra Singh Head, Dept of Agronomy, COA, Imphal	Central Agricultural University Imphal, Manipur

S.No.	Committee	Name & Designation	Organization
4.	Member(Faculty Representative)	Prof. E.V.D. Sastry Head, Dept. of Genetics and Plant Breeding, COA, Imphal	College of Agriculture, Imphal , Central Agricultural University Imphal, Manipur
5.	Member(Stakeholder Representative)	Ms. Kshetrimayum Santa Devi Manager, State Bank of India, Imphal Secretariat, Imphal	State Bank of India, Imphal
6.	Member(Stakeholder Representative)	Dr. Polem Lenin Singh Assistant Commissioner,Thoubal District, Thoubal	Government of Manipur
7.	Member(Stakeholder Representative)	Mrs. Debala Laiphprakpam(IFS) Deputy Conservator of Forest, Thoubal District	Government of Manipur
8.	Member(Student Representative)	Ms. Bijeeta Thangiam Ph.D. (Agri.), College of Agriculture, Imphal	College of Agriculture, Central Agricultural University Imphal, Manipur
9.	Member(Student Representative)	Ms. Ch. Karuna Chanu M.Sc.(Agri.), College of Agriculture, Imphal	College of Agriculture, Central Agricultural University Imphal, Manipur
10.	HR Executive Officer(Member Secretary)	Dr. S. M. Haldhar Associate Professor, Dept. of Entomology, College of Agriculture, Imphal	College of Agriculture, Central Agricultural University Imphal, Manipur

CDC Committee at IGKV, Raipur

S.No.	Committee	Name & Designation	Organization
1.	Chairperson	Dr. Sanjay Sharma Dean students welfare,Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh	Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh
2.	Vice-chairperson	Dr. G K Das Dean, college of Agriculture, Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh	Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh
3.	Member(Faculty Representative)	Dr. R. R. Saxena Professor, Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh	Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh

S.No.	Committee	Name & Designation	Organization
4.	Member(Faculty Representative)	Dr. Moh. Akram Khan Professor, Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh	Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh
5.	Member(Stakeholder Representative)	Dr. R.K. Chandrawanshi Additional Director of Agriculture	O/o Beej Nigam, Raipur (C.G.)
6.	Member(Stakeholder Representative)	Shri R.S Tiwari State Manager	IFFCO
7.	Member(Stakeholder Representative)	Shri Ompal Gupta State Manager	NFL
8.	Member(Stakeholder Representative)	Shri Anish Dev Manager	Mahindra & Mahindra, Raipur
9.	Member(Student Representative)	Mr/Ms. President Student Union, College of Agriculture, Raipur	College of Agriculture, Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh
10.	Member(Student Representative)	Mr/Ms. President Student Union, College of Agriculture Engineering, Raipur	College of Agriculture Engineering, Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh
12.	HR Executive Officer(Member Secretary)	Dr. Rama Mohan Savu Scientist, Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh	Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh

CDC Committee at SKANU, Jobner

S.No.	Committee	Name & Designation	Organization
1.	Chairperson	Dr. I M Khan Director of Students Welfare	Sri Karan Narendra Agriculture University, Jobner, Rajasthan
2.	Vice-chairperson	Dr. L.R. Yadav Associate Dean	Sri Karan Narendra Agriculture University, Jobner, Rajasthan
3.	Member (Faculty Representative)	Dr. S.P. Singh Associate Professor	Sri Karan Narendra Agriculture University, Jobner, Rajasthan
4.	Member (Faculty Representative)	Dr. P.S. Shekhawat Assistant Professor	Sri Karan Narendra Agriculture University, Jobner, Rajasthan

S.No.	Committee	Name & Designation	Organization
5.	Member (Stakeholder Representative)	Shri. Tara Prakash Tiwari Managing Director	Herbal Food Supplement, Vritika Herbo tech Pvt. Ltd, Rajasthan
6.	Member (Stakeholder Representative)	Shri. J.P. Mehta Managing Director	Rainbow Hi tech Agri. Solution, Rajasthan
7.	Member (Student Representative)	Miss. Heera Kumari President, Central Students Union	Sri Karan Narendra Agriculture University, Jobner, Rajasthan
8.	Member (Student Representative)	Miss. Pooja Meena Secretary, Central Students Union	Sri Karan Narendra Agriculture University, Jobner, Rajasthan
9.	HR Executive Officer (Member Secretary)	Dr. M.K. Sharma Assistant Professor	Sri Karan Narendra Agriculture University, Jobner, Rajasthan

CDC Committee at SVVU, Tirupati

S.No.	Committee	Name & Designation	Organization
1.	Chairperson	Prof. K. Sarjan Rao Dean of Student Affairs	Sri Venkateswara Veterinary University, Tirupati
2.	Vice-chairperson	Dr. K. Nalini kumari Associate Dean, College of Veterinary Science	Sri Venkateswara Veterinary University, Tirupati
3.	Member (Faculty Representative)	Prof. Rambabu Naik Professor and Head, Department of Physiology	Sri Venkateswara Veterinary University, Tirupati
4.	Member (Faculty Representative)	Prof. Veena Professor and Head, Department of Surgery	Sri Venkateswara Veterinary University, Tirupati
5.	Member (Stakeholder Representative)	Dr. Vara Prasad Reddy Assistant Director	Centralized Semen Collection Centre, Tirupati
6.	Member (Student Representative)	Dr. K. Prabhakar M.VSc., CVSc., Tirupati	Sri Venkateswara Veterinary University, Tirupati
7.	HR Executive Officer (Member Secretary)	Prof. Devasena Professor, Department of Animal Nutrition	Sri Venkateswara Veterinary University, Tirupati

CDC Committee at UBKB, Cooch Behar

S.No.	Committee	Name & Designation	Organization
1.	Chairperson	Dr. Bidhan Roy Dean, Students Welfare	Uttar Banga Krishi Viswavidyalaya, Pundibari, West Bengal
2.	Vice-chairperson	Prof. Prodyut Kumar Pal Dean, Faculty of Horticulture	Uttar Banga Krishi Viswavidyalaya, Pundibari, West Bengal
3.	Member (Faculty Representative)	Prof. Dibyendu Mukhopadhyay Head, Department, Soil Science and Agricultural Chemistry	Uttar Banga Krishi Viswavidyalaya, Pundibari, West Bengal
4.	Member (Faculty Representative)	Prof. Ranjit Chatterjee Head, Department of Vegetable and Spice Crops	Uttar Banga Krishi Viswavidyalaya, Pundibari, West Bengal
5.	Member (Stakeholder Representative)	Shri. Biplab Sarkar Deputy Director of Horticulture	Cooch Behar, Department of F.P.I.& H, Govt. of West Bengal
6.	Member (Stakeholder Representative)	Shri. Jayanta Chakraborty Head	Farming Keventer Agro Limited
7.	Member (Student Representative)	Miss. Indrani Saha Student Representative	Uttar Banga Krishi Viswavidyalaya, Pundibari, West Bengal
8.	HR Executive Officer (Member Secretary)	Dr. Kausik Pradhan Head, Department of Agricultural Extension	Uttar Banga Krishi Viswavidyalaya, Pundibari, West Bengal

5. Faculty Development Centre

ICAR-NAARM under National Agricultural Higher Education Project (NAHEP) Component 2 established "Faculty Development Centre (FDC)" at G.B. Pant University of Agriculture & Technology, Pantnagar with the objectives of strengthening faculty members in SAUs to bring them at par with global standards. An online system of monitoring the FDC has been developed at NAARM. Few most important features are publicly availability of FDC activities; standardization of activities; effective monitoring; structure data organization; timely and untampered feedback; standardization in reporting. Looking to the wider online application and real time data visualization capabilities, the application for copyright registration has been initiated.

URL: Faculty Development Centres Monitoring System: <https://nahep.naarm.org.in/fdc>

Table 6.2: Activities of FDCs in FY 2022-23:

S.No.	Activity Name	Type of Activity	Duration	Total No of Participants
1.	Teaching Taxonomies and Student-Centred Teaching Practices	Capacity Building	30-03-2023 to 31-03-2023	30

FDC Committee at GBPUAT, Pantnagar

S.No.	Committee	Name & Designation	Organization
1.	Chairperson	Dr. Tej Partap Vice-Chancellor	Govind Ballabh Pant University Of Agriculture And Technology, Pantnagar
2.	Vice-chairperson	Dr. S. K. Kashyap Dean, College of Agriculture	Govind Ballabh Pant University Of Agriculture And Technology, Pantnagar
3.	Member (Faculty Representative)	Dr. Ajay Kumar Upadhyay Professor and Head, Department of Veterinary Public Health and Epidemiology	Govind Ballabh Pant University Of Agriculture And Technology, Pantnagar
4.	Member (Faculty Representative)	Dr. R. C. Srivastava Professor and Head, Department of Physics	Govind Ballabh Pant University Of Agriculture And Technology, Pantnagar
5.	Member (Stakeholder Representative)	Shri. Gajendra Singh Govt. Advocate	Uttarakhand High Court, Nainital
6.	Member (Stakeholder Representative)	Shri. Sudhir Chadha Agripreneur and Member, BOM	Govind Ballabh Pant University Of Agriculture And Technology, Pantnagar
7.	Member (Stakeholder Representative)	Shri. Surjeet Singh Industrialist and Chairman DPS	Delhi Public School, Rudrapur, U. S. Nagar
8.	Member (Student Representative)	Dr. Ranjan Srivastava Professor, Department of Horticulture	Govind Ballabh Pant University Of Agriculture And Technology, Pantnagar

S.No.	Committee	Name & Designation	Organization
9.	Member (Student Representative)	Dr. Neelam Bhardwaj Professor and Head, Department of Agril. Communication	Govind Ballabh Pant University Of Agriculture And Technology, Pantnagar
10.	HR Executive Officer (Member Secretary)	Dr. S.K. Guru Professor, Plant Physiology	Govind Ballabh Pant University Of Agriculture And Technology, Pantnagar

Objective 7: To improve curricula review processes and methods to consolidate and disseminate global best practices in agricultural education

Coordination of External Advisory Panel of globally renowned educational experts

Coordination of an External Advisory Panel is one of the important activities under NAHEP Component 2. During FY 2022-23 one meeting was conducted, the details of the meetings are as follows

S.No.	Title	Date	Venue	No of Participants	Members attended
1.	Fifth Meeting of External Advisory Panel Meeting	09-03-2023	Online	26	Dr Brajesh Singh Dr Glen C Shinn Dr K V Raman Dr P L Gautam Dr J C Katyal Dr P K Joshi Dr B Venkateswarlu Dr Tanuja Nesari, Representative of secretary, Ayush Gol.

NAHEP External Advisory Panel International Members

S.No.	Name and Affiliation
1.	Dr K.V. Raman International Professor of Plant Breeding and Associate Director (Special Projects) International Programs, College of Agriculture & Life Sciences, Cornell University, B75 Mann Library Ithaca, NY 14853 USA Email: kvr1@cornell.edu https://plbrgen.cals.cornell.edu/people/kvrman

S.No.	Name and Affiliation
2.	<p>Prof Brajesh Singh Director, Global Centre for Land-Based Innovation, Professor Hawkesbury Institute for the Environment, Western Sydney University, Locked Bag 1797, Penrith, NSW 2751, Australia Email: b.singh@westernsydney.edu.au http://www.westernsydney.edu.au/gclbi</p>
3.	<p>Dr Glen C. Shinn Professor Emeritus & Borlaug Senior Scientist Department of Agricultural Leadership, Education, and Communications Texas A&M University College Station TX 77843-2116 Email: g-shinn@tamu.edu https://alec.tamu.edu/people/shinn-dr-glen-c/</p>
4.	<p>Dr David Kraybill Prof. Emeritus, Dept. of Agricultural, Environmental and Development Economics. 340 Ag Admin Building, Ohio State University, 2120 Fyffe Road Columbus, Ohio 43210 Emails: kraybill.1@gmail.com</p>

National Members

S.No.	Name and Affiliation
1.	<p>Dr. P.L. Gautam Former Vice Chancellor (GBPUAT, Pantnagar), Former Chairman, PPVFRA, New Delhi and Former Chairman, NBA, Chennai Email: pl_gautam@yahoo.com / plgautam47@gmail.com</p>
2.	<p>Dr. J.C. Katyal Former DDG (Education), ICAR, New Delhi, and Former Vice Chancellor (CCS-Hissar Agricultural University) Hissar Email: jc_katyal@rediffmail.com</p>
3.	<p>Dr. P.K. Joshi Former Director, South Asia, IFPRI, New Delhi and Former Director NAARM, Hyderabad Email: pkj.in@outlook.com</p>
4.	<p>Dr. B. Venkateswarlu Former Vice Chancellor (VNMKV) Parbhani Email: bandi9501@gmail.com</p>

S.No.	Name and Affiliation
5.	<p>Dr. Pankaj Mittal Secretary General, Association of Indian Universities (AIU) New Delhi Email: sgoffice@aiu.ac.in Email personal: pankajugc@gmail.com</p>
6.	<p>Dr. Vaidya Rajesh Kotecha Secretary, Ministry of AYUSH AYUSH Bhawan, B Block, GPO Complex, INA, New Delhi. Email: secy-ayush@nic.in</p>

The following are the major points discussed during the Fifth External Advisory Panel meeting:

- Keeping in consideration the megatrends like population growth, impacts of technology, climate change & migration, efforts need to be made towards increasing women’s education & skill training for the rural population.
- Strengthening agri-entrepreneurship and Academia-Industry linkages.

Development of a Framework for Curriculum Development in Agricultural Education

The Indian Agricultural Higher Education System is highly complex, crucial, and dynamic. The current curriculum development process, while rigorous and methodical, is not frequent and lends to a slow pace of teaching-learning at the system level. Moreover, the pace of cultural change has accelerated significantly in the past two decades. Therefore, there is a need for a curriculum development process and framework that encourages timely review & revisions of curriculum across UG and PG studies while improving the quality and relevance. The proposed curriculum development framework may allow for this through its impetus on need identification, public dissatisfactions, and more inclusive stakeholder consultations, thereby following a more holistic bottom-up approach to drive effective teaching-learning outcomes in agricultural higher education in India.

A curriculum is most commonly understood as a set of subjects that comprise a course of study; it is structured in a way that strengthens a student’s knowledge and expertise about a particular subject through a variety of instructional practices deployed by the teacher. Accordingly, in a highly dynamic and ever-changing world such as that of today’s, the importance of a robust agricultural higher education curriculum cannot be overstated. A Policy Paper on Curriculum Development was published and circulated among SAUs.

Objective 8: To assist agricultural universities in strengthening their linkages with industry

Study on Academia-Industry Linkages

A critical study on the existing academia – industry linkages has been done. Under this study various needs and bottle neck problems were identified and the way forward for strengthening the academia industry linkages are under development.

A Brainstorming workshop was conducted on Framework for strengthening Academia Industry Partnership on 31st May 2021. Total 22 participants participated in the workshop from different State Agricultural Universities, Industries and ICAR institutions from different faculty in India.

ICAR-NAARM also developed a model for nurturing academia- industry linkages, currently this models are under review by experts. The model has to be tested at 02 SAUs during FY 2023-24 .

Objective 9: Structuring dialogue with state government to catalyse their participation in raising the quality and relevance of agricultural higher education.

Study on Academia-Industry –Government Linkages

A Study of existing linkage mechanisms has been initiated, state specific “Academia-Industry-Government (AIG)” Policies are under development phase. The data collected from previous workshops has been analysed and background paper has been developed, which will be base for a “National Conference on Policy Development and Implementation Strategies for Academia-Industry-Government Linkages for Agricultural Higher Education in India” organised during 12-13 March 2023. The output from this workshop will be “State specific frameworks” for effective implementation of AIG linkages. This national workshop will include the participation of principal secretaries of various states and vice chancellors of SAUs.

4. Details of Important Activities

A Dialogue on Fostering Collaboration for Quality Agricultural Education between Actors of Agriculture Research and Education



ICAR-National Academy of Agricultural Research Management (NAARM), Hyderabad has organised a brainstorming workshop on “**A Dialogue on Fostering Collaboration for Quality Agricultural Education between Actors of Agriculture Research and Education**” at Hyderabad on 10th May 2022. This programme has been organized to discuss the collaboration among private and government institutions for quality agricultural higher education. The workshop was organized as part of the World Bank-sponsored National Agricultural Higher Education Project Component-2A. Forty-Five participants including several Deans from SAUs and Private Universities, Directors from ICAR and SAUs, participated in the brainstorming workshop. Dr Ch. Srinivasa Rao, Director, NAARM and Dr G. Venkateswarlu, Joint Director, NAARM guided the whole process for highly successful outcomes. Dr AK Singh, Director, IARI, New Delhi, Dr Praveen Rao, Vice Chancellor, PJTSAU, Hyderabad and Dr Neeraja Prabhakar, Vice Chancellor, SKLTSHU, Hyderabad were the prominent speakers in the event. Dr S.K. Soam Head, ICM & CCPI of NAHEP conceptualized the event, highlighted the role of private universities and provided the objective of NAHEP explaining the expectations to improve agricultural higher education in the country. The event was coordinated by Dr S.K. Soam, Dr D. Thammi Raju and Dr Alok Kumar.

Key Recommendations:

- Need for Policy framework & guidelines for quality education in private universities.
- Number of students passing from private universities is more as compared to SAUs, So ICAR should think about policies and guidelines for private agricultural education.
- Recruitment of highly skilled human resources from time to time is important in SAUs
- Common platform should be designed for all public and private agricultural universities for information and data sharing
- Provision of transfer of students from one stream to another of agriculture and allied sciences.
- Accreditation of private universities based on the prescribed standards is important for improving quality agriculture education
- Data about private universities and resources should be collected and analysed
- Constitution of state-level regulatory authorities for strictly monitoring the state’s private agricultural education.
- Attracting the best talent to choose agriculture as a career option after 12th class.

- Diversification, high impact factor publication, and intellectual properties generation, should be there to become world Class University.
- Enhancing the students' strengths in the agriculture system through student exchanges, capacity building programmes and others.
- Education model required based on diversity, demography, geography, and technology availability for quality agricultural education.
- SAUs to redefine the mandates in line with digitalization.
- Internationalization of faculty and students is an important component for enhancing quality agriculture education.
- Need to inculcate a start-up ecosystem at grass root level i.e. college level.
- Survey regarding faculty and college profile of both private and public universities.
- Capacity building programmes to be organized for faculty and students of private agricultural universities.

Building Academia-Industry Partnerships through Alumni for Quality Agricultural Higher Education



The Workshop on **“Building Academia–Industry Partnerships through Alumni for Quality Agricultural Higher Education”** was organized by the Academy on 14.05.2022. The workshop aimed at nurturing a platform for networking and developing the fraternity among Alumni and the participants get an opportunity to communicate with alumni students and get enlightened how the interactions between the higher educational system & industry promotes the professional career and technology exchange can be done by alumni meets. Dr. Surya Rathore, Co-PI inaugurated the workshop and presented reference on Academia-Industry Partnership, and educated the gathering about establishing partnership with agricultural HEI's, promote CDC at Agricultural Universities, competence of the curriculum standards, strengthening linkages with industries and raising the quality of education to global standards. Dr V V Sumanth Kumar urged the participants about how to strengthen Alumni Networks and explained the importance of KVC ALNET portal “Krishi Vishwavidyalaya Chhatr Alumni Network” and role of connecting the agri alumni globally with the portal. This workshop was coordinated by Dr Surya Rathore, Principal Scientist & Co-PI and Dr V V Sumanth Kumar Principal Scientist & Co-PI of NAHEP, Component 2.

NAHEP Review Meeting by National Director, NAHEP

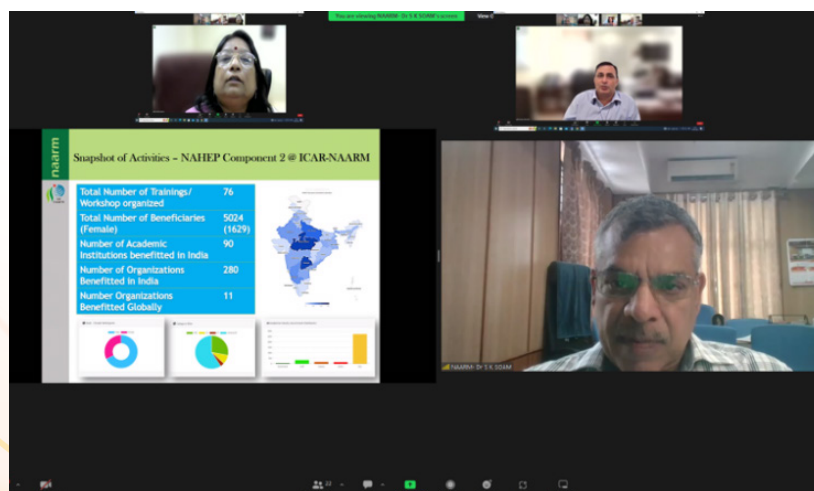
A review meeting of NAHEP Component 2 organized under Chairmanship of Dr. RC Agrawal, Deputy Director General (Agricultural Education) & National Director, NAHEP on 5th July 2022 at ICAR-NAARM Hyderabad. The meeting was held to review the progress of the project activities during FY 2021-22 and action plans for the financial year 2022-23 of Component 2 of ICAR-NAARM.



NAHEP Review Meeting by National Director, NAHEP

Virtual Review Meeting by National Coordinator, NAHEP

A virtual review meeting of NAHEP Component 2 organized under chairmanship of Dr. Anuradha Agrawal, National Coordinator (Component 2), NAHEP on 10th August 2022. The meeting was held to review the progress of the project activities during FY 2021-22 and action plans for the financial year 2022-23 of Component 2 of ICAR-NAARM. Dr S K Soam CCPI, NAHEP Component 2 at ICAR-NAARM presented the progress and action plan of NAHEP Component of ICAR-NAARM.



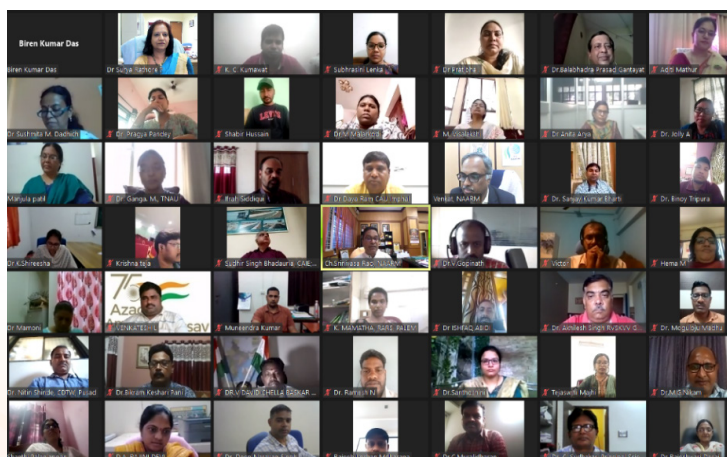
Executive Development Programme on Leadership Development for ICAR RMPs (Batch II) - Visit to ICAR-Disaster Recovery Centre at ICAR-NAARM

The Participants of Executive Development Programme & Senior Officials of ICAR, visited the Disaster Recovery Centre (DRC) of ICAR at NAARM on 04th July 2022. DRC has been established under World Bank sponsored NAHEP component 2 sub project “Investments in Indian Council of Agricultural Research Leadership in Agricultural Higher Education”. During the visit, Dr Sudeep, PI of NAHEP component 2 explained the technical features, and participants had an opportunity to know about the functionality and applications. Dr S K Soam, Collaborating Center PI, NAHEP Component 2, Dr D Thammi Raju & Dr N Srinivasa Rao, the Co-PIs of NAHEP Component 2 facilitated this visit.



Training Programme on Nurturing the Entrepreneurial Ecosystem in Agricultural Universities (On-line Mode)

ICAR-National Academy of Agricultural Research Management, Hyderabad conducted NAHEP sponsored five-days training programme on “Nurturing the Entrepreneurial Ecosystem in Agricultural Universities” during 23-27 August 2022 in online mode. The objectives of the Training Programme were to develop an understanding regarding the need and importance of entrepreneurship in agricultural higher education and to learn the ways and means of entrepreneurial ecosystem development in Agricultural Universities. During the Valedictory programme, Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM said that Skilling is more important for creating this entrepreneurial ecosystem and in this changing scenario of the educational ecosystem, education is not to grab a job but to create jobs. A total of 84 participants including 32 women faculty members attended the training programme representing 20 states and 29 Agricultural and Veterinary Universities of the country. This Programme was Coordinated by Dr. Surya Rathore, Co-PI, NAHEP Component 2.



Participants of Training Programme on Nurturing the Entrepreneurial Ecosystem in Agricultural Universities

Review Meeting of Career Development Centers of NAHEP Component 2

The Review Meeting of the Career Development Centers under the World bank and ICAR sponsored project “Investments in Indian Council of Agricultural Research Leadership in Agricultural Higher Education (Under NAHEP Component 2A)” was held on 28-09-2022, Chaired by of Dr. Anuradha Agrawal, National Coordinator, (Component 2 & CAAST), NAHEP and Co-Chaired by Dr Sudeep Marwaha, PI, NAHEP Component 2, IASRI, New Delhi, at ICAR-NAARM. This review meeting was held to discuss about the progress & expenditure of Financial Year 2020-21 & 2021-22 and the action plan for 2022-23 of five CDCs established at CAU, Imphal; IGKV, Raipur; SKNAU, Jobner; SVVU, Tirupati; UBKV, Coochbehar. The Nodal Officers and Coordinators of CDCs presented their progress. Dr S K Soam, CCPI, NAHEP Component 2 & Co-PIs of NAHEP Component 2 from NAARM, IASRI also present during this review meeting. Dr N Srinivasa Rao and Dr Alok Kumar Principal Scientists & Co-PIs, NAHEP Component 2 coordinated this review meeting. Prior to this Dr Ch Srinivasa Rao, Director and Dr G Venkateshwarlu, Joint Director interacted with Coordinators of CDCs and provided future directions for effective functioning.



Group Photo of Participants - Review Meeting of Career Development Centers



Participants during CDC review meeting

National Symposium on “Mainstreaming of Agricultural Higher Education by Private Universities in India

Under, National Agricultural Higher Education Project (NAHEP), Component- 2, on 29th September 2022 the Academy organized a National Symposium on “Mainstreaming of Agricultural Higher Education by Private Universities in India”. Dr. RC Agrawal, Deputy Director General (Edn), ICAR, and National Director of NAHEP inaugurated the symposium and highlighted the need for transformation of agricultural education in the country in view of the National Agricultural Education Policy-2020. The one-day symposium deliberated on four important themes viz. equal opportunity in education and employment, quality assurance in agricultural education, enabling environment for quality education and accreditation in the context of national education policy.



Among 99 participants, 42 were from 29 private universities from 10 states (AP, Telangana, UP, MP, Punjab, Uttarakhand, HP, Odisha, Maharashtra, Tamil Nadu). The delegates discussed the problems and prospects of agricultural higher education by private universities. The prominent speakers were Shri Kunwar Shekar Vijendra, Chancellor, Shobhit University; Dr. Rupa Vasudevan, Chancellor, BEST Innovation University, AP; Dr. Atul Khosla, Founder and Vice Chancellor, Shoolini University, HP; Prof. Raghuvir Singh, Vice Chancellor, Teerthankar Mahaveer University, UP; and Dr. Supriya Pattanayak, Vice Chancellor, Centurion University of Technology and Management, Odisha. Shri BL Meena, IAS (Retd), Chairman, BEST Innovation University; Shri Ravi Verma, Vice Chairman, MNR University represented educational groups. Most other participants were Pro Vice Chancellors, Deans and Directors from private universities. Dr Anuradha Agrawal, National Coordinator (Component2), Dr Sudeep, Principal Investigator (Component 2), and several senior faculty and officers from IASRI and NAARM also participated in the event in various capacities.

During this symposium, few important issues have been identified such as - amending ICAR accreditation guidelines and student teacher ratio, enhancing the uptake of agricultural students; permitting agricultural graduates from private universities to take up ICAR entrance examination for PG courses. The Deputy Director General (DDG) assured to take up the appropriate policy action to address the national level issues.

Dr Ch Srinivasa Rao, Director, ICAR-NAARM highlighted the importance of quality education and the accreditation process. He also extended an invitation for the capacity building of faculty of private universities at the Academy. Dr SK Soam was the Convener-cum-Organizing Secretary, while Drs D. Thammiraju, N Srinivasa Rao and Surya Rathore were Organizing Secretaries of the National Symposium.

Key Recommendations:

Joint efforts to strengthen collaborations

ICAR, SAUs and privately funded universities to develop modalities (through MoUs, LoAs etc.) for collaboration in areas of research, education, capacity building and sharing of resources. This may be in form of joint diploma/certificate courses, Faculty Development Programmes (FDPs), sharing of laboratory facilities and other amenities (e.g. sports, library, hostel etc.). ICAR to consider developing specialized training programmes for the young agricultural faculty of newly established private universities/colleges. Other innovative initiatives through professional bodies like National Council of Education of ASSOCHAM will further bring the joint activities in national focus.

Accreditation as a tool for sustainable quality education

There is need to re-visit the requirements and guidelines for accreditation of universities/colleges, in the light of latest NEP 2020, UGC and AICTE guidelines, including objectives of enhancing Gross Enrolment Ratio (GER), Student-Teacher Ratio (STR), and multi-disciplinarity/integration of emerging technologies (Artificial Intelligence and Internet of Things) in agricultural development. Further, the land requirements required for accreditation also need to be re-looked, keeping in view location of colleges and constraint in acquiring adequate land for new colleges/universities.

Assuring quality and relevance of agricultural higher education

The quality of agricultural education being imparted by both public and private universities need to be at par, and program design, delivery and assessment should be holistic as well as aligned to Outcome Based Education (OBE) approach Accordingly, it is suggested that:

- Curriculum prescribed by ICAR to be followed across AUs, with maximum 25% flexibility, based on location specific needs and opportunities.
- Centres of Excellence be identified and its facilities made available for partnership/collaboration.
- Programmes like yoga, meditation and soft skills be made part of students' curriculum for their overall growth.
- Bring cutting-edge technologies to agricultural education such as computer science as minor. Private universities have multi-faculty; therefore, opportunities are vast.

Networks for efficiency enhancement

To increase greater networking between public and private universities, following proposals may be implemented:

- Vice Chancellors of Private Universities can be invited to VCs Conferences of ICAR
- Agricultural faculty and students of private universities to have exposure visits to KVKs, ICAR research institutes etc.
- Exchange of faculty between public and private institutions to strengthen collaborations
- Extension system of private universities could collaborate with KVKs through Agricultural Technology Application Research Institute (ATARI)

Optimum use of resources and infrastructure

Creation of knowledge, integration of knowledge and application of knowledge are important purposes of higher education. Therefore, all the government and private institutes need to come together and work in harmony to create "Knowledge Grid" by optimum use of resources for research,

education and innovation. Accommodation and other required facilities must be improved and encouraged for overall build-up of agri-graduates through public-private partnership. ICAR online platforms like CERA (Consortium for e-Resources in Agriculture) may be made accessible to private universities. ICAR/ SAUs laboratories may be permitted for use by private universities for high level resource use efficiency, by developing suitable modalities of sharing mutually or through 'pay-and-use modality'.

Review meeting NAHEP Component 2 at NAHEP Project Implementation Unit, New Delhi

A Review meeting of NAHEP Component 2 titled "Investments in ICAR Leadership in Agricultural Higher Education" was held on 01 December 2022 at room no 511, KAB-II, ICAR, New Delhi under chairmanship of Dr R C Agrawal, National Director, NAHEP & Deputy Director General (Agricultural Education), ICAR, New Delhi. This review meeting was conducted to discuss about the completed activities, foreign exposure visits and forth coming programmes. Dr Ch Srinivasa Rao, Director, ICAR-NAARM and Dr S K Soam, CCPI, NAHEP Component 2, ICAR-NAARM attended this review meeting.

Review Meeting of NAHEP Component 2

A Review meeting of NAHEP Component 2 titled "Investments in ICAR Leadership in Agricultural Higher Education" was held on 17 December 2022 at ICAR-NAARM under Chairmanship of Dr S K Soam, CCPI, NAHEP Component 2, ICAR-NAARM. This review meeting was conducted to discuss about the action plan for review meeting held at New Delhi on 1 December 2022. During this meetings various activities were planned and discussed various issue regarding upcoming programmes under NAHEP. All Co-PIs of NAHEP Component 2 and Project staff were present during this review meeting.

Review meeting NAHEP Component 2

A Virtual Review meeting of NAHEP Component 2 titled "Investments in ICAR Leadership in Agricultural Higher Education" was held on 13 February 2023. This review meeting was conducted to discuss about the completed activities, foreign exposure visits and forth coming A-I-G Policy workshop organized during 12-13 March 2023. Dr Ch Srinivasa Rao, Director, ICAR-NAARM; Dr Rajender Parsad, Director, IASRI, New Delhi; Dr Anuradha Agrawal, National Coordinator, NAHEP Component 2 New Delhi; Dr Sudeep, PI, NAHEP Component 2, IASRI, New Delhi and Dr S K Soam, CCPI, NAHEP Component 2, ICAR-NAARM, Project Team from NAARM & IASRI attended this review meeting.

Soft Skills and Agri Entrepreneurship Development Training for Master Trainers of SAUs

ICAR-National Academy of Agricultural Research Management, Hyderabad organized a Training of Trainers' (ToT) workshop for faculty members of State Agricultural Universities (SAUs) to develop Soft skills and Entrepreneurship among Agri-graduates during January 23-24, 2023. The training has been organized with the aim to create a pool of Master trainers in agricultural universities who would in turn train the Agri-graduates in their respective universities. The Workshop was organized as a part of the World Bank-sponsored National Agricultural Higher Education Project Component - 2A.



Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM offered to extend handholding support to selected SAUs to create awareness among the Agri-graduates for entrepreneurship development throughout the length and breadth of the country. Dr. Surya Rathore, Co-PI, NAHEP & Head (Acting), Extension Systems Management, NAARM briefed that this workshop is the second in the series with an earlier similar workshop held in the year 2019 created 34 master trainers who have trained more than 3000 students by organizing 28 programs in 25 Universities. Twenty – seven faculty members representing 27 State Agricultural Universities belonging to 15 states participated in the workshop. Consequent upon the completion of TOT program, each participant will organize a one-day workshop on “Development of Soft skills for Entrepreneurship among Agri Graduates” at their respective universities covering at least 100 students. The master trainers have been entrusted with the responsibility of training around 3000 Agri-graduates in 27 Universities as a follow-up action plan of the workshop. Dr. Surya Rathore, Co-PI, NAHEP coordinated this event.

Workshop on Development of Soft Skills for Entrepreneurship among Agri Graduates organized at 27 State Agricultural Universities

ICAR-National Academy of Agricultural Research Management, Hyderabad under NAHEP Component 2 organized one-day awareness workshops on “Development of Soft Skills for Entrepreneurship among Agri Graduates” at 27 various State Agricultural Universities in 17 states of the country. These workshops were held during February and March 2023, and 2896 students were participated These one-day workshops were conceptualized by by Dr SK Soam, CCPI and implemented by Dr Surya Rathore, Co-PI.

Academia-Industry-Government Linkages for Higher Education: National Conference Concluded at ICAR-NAARM



National Conference on “Policy Development and Implementation Strategies for Academia-Industry-Government Linkages for Agricultural Higher Education in India” (12-13 March 2023) was organized at ICAR-National Academy of Agricultural Research Management, Hyderabad. Chief Guest, Dr. R C Agrawal, National Director, NAHEP & DDG (Agril. Education) highlighted the salient achievements of the project during the preceding years. He also shared the importance of the project in building the institutional mechanism for knowledge sharing, executing the actionable MoUs, and restructuring of agricultural curriculum.

Dr. Ch. Srinivasa Rao, Director, NAARM expressed his happiness for the active involvement of stakeholders from diverse areas and departments and assured them to bring out the actionable quality policy document. Dr. P L Gautam, Former Chairman of PPVFRA, NBA, DDG (Crop Sciences) and presently NAHEP-External Advisory Panel member flagged the issues relating to MoUs, agreements, and reciprocal sabbatical leaves to pursue higher education. Dr. N S Rathore, Former DDG (Education) also spoke on the occasion. Dr. Rajendra Prasad, Director, IASRI, New Delhi highlighted the role of his team in executing the project objectives. The policy paper on the ‘Curriculum Development Framework’ was released during the conference. More than 65 delegates including 16 Vice Chancellors from Agricultural Universities, Shri KK Sirohi, Professor of Practice from IIT Delhi, Dr Rupa Vasudevan, Chancellor, BEST Innovation University, Shri Bharat Lal Meena (IAS retired), Former Principal Secretary (Higher Education), Govt of Karnataka, Principal Secretary from Govt of AP, Senior Administrative Officer from Government of Bihar, Vice President of Qualcomm India, and 19 other senior representatives from industry, innovative farmers, FPOs, Start-ups participated in this conference. Dr Anuradha Agrawal, National Coordinator (NAHEP component 2), Dr Sudeep, PI of NAHEP Component 2 also expressed their views. Dr S K Soam, CCPI, NAHEP Component 2 was Convener-cum-Organizing Secretary; Dr Alok Kumar, Dr M Balakrishnan, Dr D Thammi Raju Co-PIs, NAHEP Component 2 were the Organizing Secretaries; Dr Sanjiv Kumar, Dr Yashavanth B S were Co-organizing Secretaries of this conference.

Key Recommendations:

The two-day conference deliberated on important issues viz. Nurturing Academia-Industry-Government (AIG) Collaboration; Strategy for Simplifying Procedures, Building Trust and Enhancing Participation; Policy Advocacy to State Governments for Effective Convergence Among Stakeholders and Implementation processes for identified interventions through four technical sessions. The following are the key recommendations:

- 1. Resource Sharing:** Harping on the strengths of respective organizations and avoidance of duplicity, an ecosystem needs to be developed and implemented among the stakeholders for sharing of resources, including knowledge, expertise, infrastructure, innovations etc., through appropriate means.
- 2. Reimagining the Research and Innovation:** The technological advancement should address the community needs through stakeholder participation in the research-innovation continuum through changes in the curriculum, building synergies and convergence among the stakeholders.
- 3. Triple Helix partnerships:** The three key partners, i.e. Academia- Industry, and Government, are essential for promoting agriculture research, innovation and business. Effective partnerships and trust-building can be achieved through participatory decision-making in the regulatory bodies of respective organizations.
- 4. Tapping into Corporate Social Responsibility funding:** CSR funds are critical means of enhancing the quality and relevance of agricultural research and education due to the need for more funds in the public system. A consortium of agro-based industries can facilitate the flow of CSR funds to Academia.

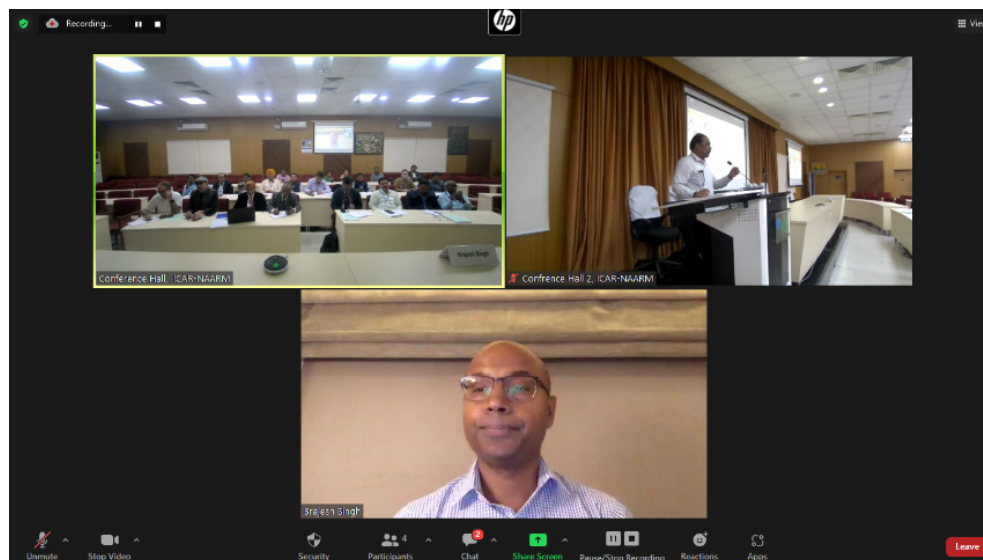
5. **Administrative Simplification Strategies:** A single window system for simplifying the procedures/processes in building effective collaboration through an institutionalized mechanism with functional autonomy is needed. Revisiting existing guidelines/ procedures and developing user-friendly and simplified guidelines with a minimum time frame is the need of the hour.



Online Training Workshop on “Education Management and Academic Leadership”

ICAR – NAARM organized a Training Workshop on “Education Management and Academic Leadership” from 06-10 February 2023 with an objective to enhance the efficiency of Indian Agricultural Education System under NAHEP – Component 2.

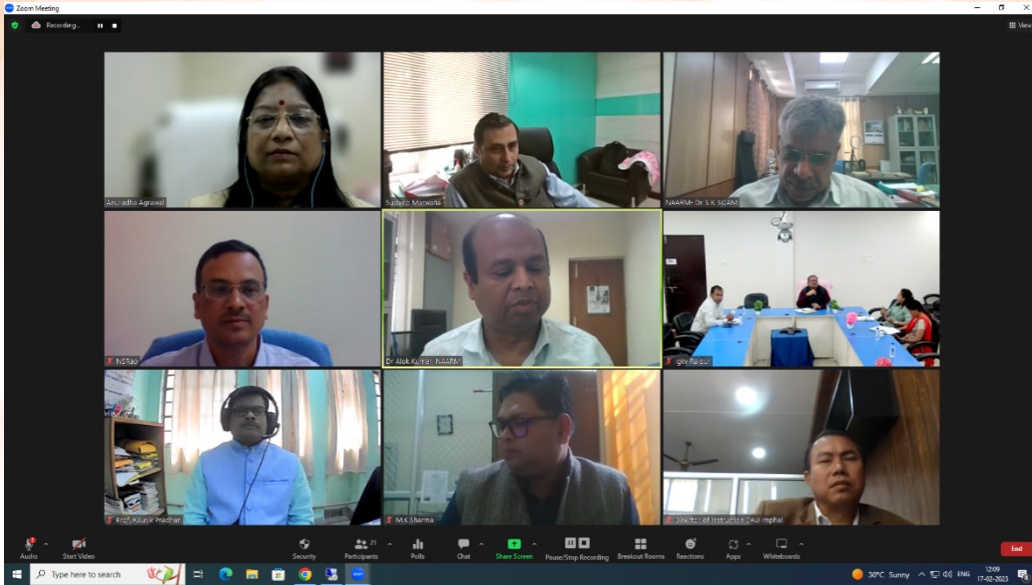
Twenty-two enthusiastic administrators and senior faculty from agricultural universities including 02 lady participants from 16 states participated in the training workshop. During this training programme, the participants were provided with theory and practical sessions on various topics related to education management and academic leadership by eminent personalities. The members of NAHEP External Advisory Panel i.e. Dr Brajesh Singh, Distinguished Professor, Western Sydney University, Australia also virtually interacted with participants. The programme was coordinated by Dr D. Thammi Raju, Co-PI NAHEP Component 2 & Principal Scientist, ICAR-NAARM.



Dr Brajesh Singh, Distinguished Professor, Western Sydney University, Australia interacting with participants

Virtual Review Meeting of Career Development Centres

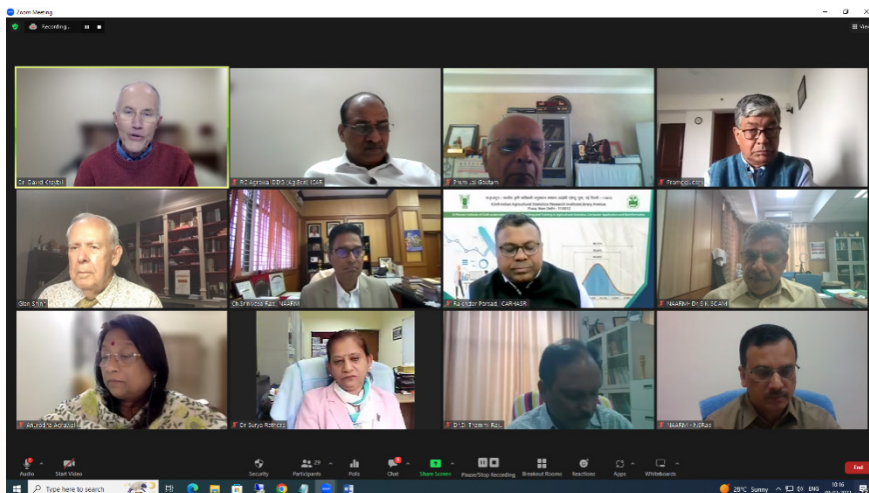
A virtual meeting with nodal officers/coordinators of CDCs under National Agricultural Higher Education Project (NAHEP) Component 2 to discuss and make an action plan for conducting career fairs for students at CDC centers was held on 17th February 2023. Dr Anuradha Agrawal, National Coordinator, NAHEP Component 2 New Delhi; Dr Sudeep, PI, NAHEP Component 2, IASRI, New Delhi; Dr S K Soam, CCPI, NAHEP Component 2, ICAR-NAARM nodal officers of Career Development Centres and Project Team from NAARM & IASRI attended this review meeting. Dr N Srinivasa Rao & Dr Alok Kumar Co-PIs, NAHEP Component 2, ICAR-NAARM coordinated this review meeting.



5th Meeting of External Advisory Panel

The ICAR – NAARM has organised 5th Meeting of ‘External Advisory Panel’, constituted by ICAR was held on 9th March 2023. Main purpose of EAP is to provide the ICAR/NAHEP with agenda to appraise the progress and formulate the way forward for the achievement of the overall objective of NAHEP i.e. enhancing the quality and relevance of agricultural education. The panel comprises of renowned educationists and agricultural experts – six from India, three from the USA and one from Australia.

The online meeting was chaired by Dr R C Agrawal, National Director, NAHEP and DDG (Education). Dr. Agrawal requested the External Advisory Panel to guide the ICAR pertaining to issues viz. how to bring transformative changes in agricultural education in tune with National Education Policy, interaction of global universities for globalization of agricultural education, collaboration with national, international and government departments, private sector, and sustainability of NAHEP efforts.



During the meeting the External Advisory Panel members viz. Dr David Kraybill, Dr Glen C Shinn, Dr K V Raman, Dr P L Gautam, Dr J C Katyal, Dr P K Joshi, Dr B Venkateswarlu participated and gave valuable suggestions and guidance in the improving the agricultural education in the country. Dr Ch Srinivasa Rao, Director, NAARM and Dr Rajender Parsad, Director, IASRI also participated and suggested various measures

Earlier the members were appraised about the progress of NAHEP and upcoming ICBLE-2023 conference by Dr Anuradha Agrawal and Dr Hema Tripathi, the National Coordinators of NAHEP and Dr Sudeep Marwaha, PI of Component 2. This event was coordinated by Dr S K Soam CCPI, NAHEP component 2 and Dr D Thammi Raju, Co-PI, NAHEP component 2.

Major discussions of meeting are:

- Strengthening NAHEP outputs through creating awareness within country and neighbouring countries like Nepal, Bhutan etc, and also identifying sustenance efforts through various kinds of regional workshops
- Promoting Public Private Partnership and also Academia-Industry linkages

Career Fairs Organized by NAHEP- Career Development Centers at SAUs

In addition to soft skills and personality development, another important key function of NAHEP component-2 sponsored “Career Development Center (CDC)” is to improve knowledge canvas of students regarding innovative career opportunities. Dr RC Agrawal, National Director, NAHEP and DDG (Education) asked NAHEP-NAARM team to develop a plan of action for conducting “Student Career Counselling Fairs/ Expo etc” through CDCs, which will help the knowledge enhancement regarding placements and professional opportunities. Responding to call, during January to March 2023, the CDCs have organised eight such events related to ‘Career Fairs and Career Expos’, ‘Campus Placement Drives’ etc. In these events regional industries, MNCs, NGOs participated including offers of placements to agri-graduates. The details of activities conducted by various CDC Centers are presented below:

S.No.	Name of the CDC	Event Name	Date
1.	IGKV, Raipur	Campus Outreach Programme	09-01-2023
2.	IGKV, Raipur	Seminar Series -2023 “ Career Counselling and Personality Development programme for Agricultural Students”	16-02-2023 to 23-02-2023
3.	IGKV, Raipur	Campus Placements Drive	25-02-2023
4.	IGKV, Raipur	Campus Outreach Programme - Agzistence	01-03-2023
5.	IGKV, Raipur	Campus Outreach Programme – Bayer Crop Science	15-03-2023
6.	UBKV, Cooch Behar	UBKV - Career Expo (Job Fair, Career Guidance, Academia Industry Interface)	15-03-2023
7.	UBKV, Cooch Behar	Alumni Meet & Reunion Programme	15-03-2023
8.	CAU, Imphal	Job Fair 2023	24-03-2023

NAHEP Celebrates International Year of Millets – 2023 at NAARM

The year 2023 has been declared by the United Nations as the International Year of the Millets. Towards this endeavor, through a collaborative approach, the Department of Agriculture & Farmers Welfare, Government of India urges everyone including the International Organizations, Academia, Hotels, Media, Indian Diaspora, Start-up Communities, Civil Society, and all others in the millets value-chain to come forward and join hands to revive the forgotten glory of 'Miracle Millets' through the grand celebration of International Year of Millets - 2023.



On 15th March 2023, NAHEP at ICAR-NAARM celebrated International Year of the Millets - 2023 to promote the forgotten glory of 'Miracle. Dr Ch Srinivasa Rao, Director, ICAR-NAARM enlightened about the forgotten glory of millets, the nutritional benefits of millets to the participants.

NAHEP Publications get NAARM Award

Two publications from NAHEP were awarded best publications in the category of policy and popular article on the occasion of ICAR-NAARM Foundation Day on September 01, 2022

Thammi Raju, D., Soam, S.K., Srinivasa Rao, N., Kumar, A., Sumanth Kumar, V.V., Kumar, S., Rathore, S., Vinayagam, S.S., Balakrishnan, M., Yashavanth, B.S., Krishnan, P., Sudeep Marwaha., Prabhat, K., Venkateshwarlu, G., Srinivasa Rao, Ch. and Agrawal, R.C. (2021). Curriculum Development Framework for Agricultural Education, National Agricultural Higher Education Project – Component 2, Indian Council of Agricultural Research (ICAR). National Academy of Agricultural Research Management (NAARM), Hyderabad-12.

डीतम्मीराजू, श्रीकांतखाडे, स्वीटीशर्माएवंएसकेसोम (2021). कोविड-19 महामारीकापशुधनक्षेत्रपरप्रभावएवंन्यूनार्म लकेलियेपहल. In Magazine- पशुधनप्रकाशकेबारहवाँअंकवर्ष 2021. प्रष्ठसंख्या (Page no) 40-42. ISSN: 0976-4569. भाकृअनुप-राष्ट्रीयपशुआनुवंशिकसंसाधनब्यूरो, करनालद्वाराप्रकाशित.

5. Information Technology Tools and Web Portals

S.No.	IT Tool/ Web portal Details	URL / Intranet Address
1.	NAHEP Web Portal	https://nahep.naarm.org.in/
2.	Career Development Centre Monitoring System	https://nahep.naarm.org.in/cdc/
3.	Inspired Teachers Portal	https://nahep.naarm.org.in/inspiredteachers/
4.	NAHEP Component 2 Events Information & Reporting System	http://192.168.44.69:8080/eirs/
5.	Faculty Development Centre Monitoring System	https://nahep.naarm.org.in/fdc/
6.	Academic Leadership - Training Reflections Tool	https://nahep.naarm.org.in/emal/
7.	KVC Alumni Portal	https://alumni.icar.gov.in/
8.	NAHEP Publications as EBooks	https://nahep.naarm.org.in/publications.php
9.	NAHEP Photo Gallery	http://192.168.44.69:8080/naarmgallery/
10.	NARES Scientist Abroad Training Information System	http://192.168.44.69:8080/abroad_training/

6. Financial Information

APPENDIX III

(Please see para 6.3 [ix])

Receipts & Payments for the month/quarter/year on ending 31 March 2023

Name of the Project : NATIONAL AGRICULTURAL HIGHER EDUCATION PROJECT
 Name of the Component : 2A Investments in ICAR leadership in Agricultural Higher Education
 Name of the Implementing Centre : ICAR-NAARM, Hyderabad

(Amount in Rupees)

Sl.No	Head of Account	Sanctioned Budget 2022-23 (A)	Opening Balance as on 01.04.2022 (B)	Receipts during 2022-23 (C)	Expenditure during 2022-23 (D)	Closing Balance as on 31.03.2023(E)=(B)-(D)
A	Goods & Equipment					
	Equipment , Plant & Machinery	0	0	0	0	0
	Office Equipment	0	0	0	0	0
	Laboratory Equipment	2245000	2245000	0	2245000	0
	Furniture & Fixtures	207960	207960	0	183846	24114
	Computers & Peripherals (Hardware & Software)	0	0	0	0	0
	Books & journals		0	0	0	0
	Sub Total - A	2452960	2452960	0	2428846	24114
B	Civil Works					
	Minor Repair & Renovation work	500000	500000	0	489937	10063
	Sub Total - B	500000	500000	0	489937	10063
	Sub Total A+B	2952960	2952960	0	2918783	34177
C	Human Capacity Building					
	National Level Trainings	0	0	0	0	0
	International Level Trainings	1100000	1100000	0	0	1100000
	Short Visits/ Seminars	1800000	1800000	0	0	1800000
	Meetings and Workshops	0	0	0	0	0
	Sub Total - C	2900000	2900000	0	0	2900000
D	Consultancy					
	National Level Consultancy	0	0	0	0	0
	Sub Total - D	0	0	0	0	0
E	Recurrent Cost					
	Contractual Services	4050477	650477	6900000	3435863	4114614
	Operational Costs	16853500	16853500	2000000	8887231	9966269
	Travel Expenses	4530340	4530340	0	271582	4258758
	Institutional Charges	1440850	1285850	403000	1440850	248000
	Sub Total - E	26875167	23320167	9303000	14035526	18587641
	Sub Total (C+D+E)	29775167	26220167	9303000	14035526	21487641
	Sub Total (A+B+C+D+E)	32728127	29173127	9303000	16954309	21521818

Dr. S.K. Soam

Head of the Institution / PI
 Dr. S.K. Soam
 (Collaborating Center Principal Investigator)
 National Agricultural
 Higher Education Project (NAHEP)
 ICAR-NAARM, Hyderabad-500 030.

Z.H. Khilji
 Comptroller

डॉ. एच. खिल्जी
 Z.H. Khilji
 निबंधक / Comptroller
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7. Publications

1. Research Papers

Soam, S. K., Raghupathi, B., Sharma, S., Yashavanth, B.S., Balakrishnan, M., Srinivasa Rao, N., Thammi Raju, D., Kumar, P. and Agrawal, R.C., (2022). Mind Mapping as a Learning and Teaching Tool in Agricultural Higher Education in India. *Indian Research Journal of Extension Education*, 22(3), 176–181.

Dhumantaroo Thammi Raju, Pedaprolu Ramesh, Raghuvanshi, Rupan, Yashavanth, B.S. Sontakki, B.S., Krishnan, P., Balasani Raghupathi, B., Soam, S.K. and Srinivasarao, Ch.(2022), Students' Approaches to Learning in Agricultural Higher Education. *Asian Journal of Agricultural Extension, Economics and Sociology*, 40(5), 19-29.

Soam, S. K., Rao, N.S., Yashavanth, B.S., Raghupathi B., Rakesh, S., Marwaha, S., Kumar, P., & Agrawal, R. C. (2023). AHP Analyser: A decision-making tool for prioritizing climate change mitigation options and forest management. *Frontiers in Environmental Science*, 10: 1099996. <https://doi.org/10.3389/fenvs.2022.1099996> NAAS Score: 11.41; Imapct Factor: 5.411.

Soam S. K, Yashavanth BS, Dhumantaroo TR, Maruthamuthu B, Balasani R and Rakesh S (2023) Factors influencing dietary patterns among the youth from higher educational institutions in India. *Frontiers in Nutrition* 10:1134455. doi: 10.3389/fnut.2023.1134455 NAAS Score: 12.59; Imapct Factor: 6.59.

2. Proceedings

Soam, S. K., Dhumantharao, T. R., Rao, N.S., Rathore, S. (2022). Proceedings of National Symposium on Mainstreaming of Agricultural Higher Education by Private Universities in India. NAHEP Component 2, ICAR- National Academy of Agricultural Research Management, Hyderabad, Telangana. Pp 1-76.

Kumar, Alok, Srinivasarao. N and Soam, S.K. (2020). National Workshops on Establishment of Career Development Centre in Agricultural Universities, Proceedings & Recommendations. ICAR- National Academy of Agricultural Research Management, Hyderabad, 500 030. Pp. 1-80.

Soam, S.K., Kumar, A., Balakrishnan, M., & Dhumantha Rao, T.R. (2023). Proceedings and recommendations of National Conference on Policy Development and Implementation Strategies for Academia-Industry Government (AIG) Linkages in Agricultural Higher Education in India (pp. 1-55). Hyderabad, Telangana, India. NAHEP component 2, ICAR- National Academy of Agricultural Research Management.

3. Success Stories

Soam S. K, Singh SB, Sarangthem I, Raju DT, Rao NS, Kumar A and Haldhar SM. (2022). Socio-Economic Development of North Eastern India through Agri-graduates: Success Stories from Career Development Center at CAU Imphal. ICAR- National Academy of Agricultural Research Management, Hyderabad-500030. Pp 1-52. ISBN: 978-93-5779-988-1

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Faculty Development Centre Monitoring System [Copyright Registration No: SW-

15439/2022]. Authors: S.K. Soam, D Thammi Raju, N. Srinivasa Rao, Alok Kumar, B Raghupathi, P Krishnan, S Senthil Vinayagam, M Balakrishnan, Sudeep Marwaha, Prabhat Kumar, Ch Srinivasa Rao and R C Agrawal.





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