

*Progress Report (April 2023 to December 2023):
National Agricultural Higher Education Project
(NAHEP)*

Submitted to PIU – NAHEP, ICAR
January, 2024



INSTITUTIONAL DEVELOPMENT PLAN (IDP)
**NATIONAL AGRICULTURAL HIGHER EDUCATION PROJECT
(NAHEP)**
JUNAGADH AGRICULTURAL UNIVERSITY
JUNAGADH 362 001 (GUJARAT)

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1. Executive Summary

NAHEP Project Objective:

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

Progress made during period: The progress made across each components of NAHEP during April 2023 to December 2023 has been captured herewith

Component 1 a: Support to Institutional Development Plan (IDP) of AUs

The IDP financial activities are more oriented towards capacity building and governance reforms leading to the greater autonomy and sustained accreditation of the University. The key provisions for funding under IDP include teaching and research infrastructure development; faculty development; training; networking; industry collaboration; vocational training; students job placement; own revenue generation and support to twinning plan. In addition to these priorities, emphasis is also being placed on effective industry linkages to enhance employability of agriculture graduate as well as to help AUs to generate their own resources. Renewed public-private partnership efforts will strengthen stakeholder role in curriculum design and faculty & student development. This will help the agricultural higher education system in India to produce quality graduates with desired traits, exposure & experience, and skills in innovation, entrepreneurship and agribusiness to solve current and emerging problems of agriculture.

- Develop skill and inculcate entrepreneurship among the students, strengthen linkages between institute, industries, corporate and foreign agencies, as well as strengthening student services and integrated management information system.
- Procurement of laboratory equipment and goods was already completed in FY 2020-21, during the FY 2023-24 training courses including vocational, entrepreneurship development, skill development, certificate courses and personality development, as well as on themes of environment and social safe guard and gender equality and women empowerment were conducted.

Monitoring and Evaluation:

All the activities in the JAU were frequently monitored by the concerned authority and outcome were evaluated regularly.

Plan Ahead :

Sustainability of the facilities created under NAHEP-IDP-JAU after the closure of the project.

2. Component 1 a

Support to Institutional Development Plan (IDP) of AUs

Component cost
USD 69.4 Mn

2.1. Output-Outcome Monitoring

April'23 to December'23				
S. N.	Particulars ¹	Plan	Achievement	Progress made during period (Elaboration)
1	Number of new facilitative units established to enable academic and research infrastructure (IIC- Industry Institution Interaction Cell / Start up cell / incubation cell / experiential learning unit / placement cell etc.)	0	0	
2	Number of pilot courses added / upgraded on communication skills, entrepreneurial skills, information processing, creative and innovative thinking, leadership skills, industry oriented courses etc.	Entrepreneurship Courses 6 (600) Vocational courses 12 (600) Skill development courses 15 (1200) Pilot Course (1) 60 Certification course 6 (100) Workshop 3(250) Alumni meet 2 (500)	1 (100) 8 (399) 20 (1342) 1 (65) 3 (10) 5 (786) 2 (640)	One pilot courses offered as Elective course in UG course curriculum
3	Additional revenue generated through institutional activities with industries in INR lakhs	0	0	
4	Revenue generated through public usage of infrastructure for academic activities in INR lakhs	Nil	Nil	
5	Number of MoUs signed with industry for knowledge exchange programs/ internships / short term training programs etc.	10	12	
6	Number of faculty exchange programmes (both national and international) initiated by AU	International training – 20 faculties	International training - 10	1 Faculties got Administrative approval but could not go because of permission from state govt. was not received.
7	Number of student exchange programmes (both national and international) initiated by AU	International training- 2 (23)	International training- 5 (45)	

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

2.2 Input and Activity Monitoring

Input / Activity indicator	Sub- head / category	Expenditure / input INR in Rupees FY 2023-24		Justification ²
		Opening Balance Plus Grant Received	Utilization	
Goods and equipments	Equipment, Plant & Machinery	0	0	
	Office equipment	0	0	
	Laboratory equipment	0	0	
	Furniture & fixtures	0	0	
	Computers and Peripherals	0	0	
	Books and Journals	0	0	
Civil works	Minor repair and renovation works	0	0	
Human capacity building³	National level training	0	0	
	International level training	28042000	4177945	See Foot Note 1 to 3
	Short visit/ seminars	2569558	1865231	
	Meetings and workshops	2176595	1242063	
Consultancy	National level consultancies	0	0	
Recurrent cost / Miscellaneous	Travel	1336837	342742	
	Contractual services	99629	2400180	See Foot Note 1
	Operational costs	30924444	45446012	
	Institutional charges	3505	0	
Total		65152568	55474173	
Closing Balance as on 31.12.2023			9678395	

Note:

- As per the email from NC-NAHEP-IDP dated July 10, 2023 for the re-appropriation of Rs. 1,00,00,000/- from the International Training head to Operational Expenses head and Rs. 40,00,000 from the International Training head to Contractual services head were approved vide Note #449 dt. 30.06.2023 Page 136 (Col. no. 5).
- As per the email from NC-NAHEP-IDP dated September 25, 2023 for the re-appropriation of Rs. 80,00,000/- from the International Training head to Operational Expenses head were approved vide Note #484 dt. 22.09.2023 Page 148.
- As per Email from NC-NAHEP-IDP, New Delhi dated November 15, 2023, JAU has received the administrative approval from the Competent Authority in ICAR (vide note #217 dated 08.11.2023 page 82) regarding the re-appropriation of the funds Rs. 10,00,000/- from HCB's International Training head to Operational expenditure.

² Mention the physical numbers and specify the activities / purposes against each input category

³ Plz share the training details

2.3 Challenges faced and lessons learnt under Component 1 a:

1	1 Faculty got Administrative approval but could not go because of permission from state govt. was not received.
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2.4 Plan ahead (Key activities) for next reporting period

1	Sustainability of the facilities created under NAHEP-IDP-JAU after the closure of the project.
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S. N.	Particulars ⁴	April' 23 to December'23		
		Plan	Achievement	Progress made during period
1.	Number of faculty exchange programmes (both national and international) initiated by AU	International – 20 faculties	International - 10	
2.	Number of student exchange programmes (both national and international) initiated by AU	International- 2 (23)	International- 5 (45)	
3.	Number of technologies transferred to industry / private sector / national / international organizations	Nil	Nil	
4.	Number of students selected in JRF / SRF /ARS/ GATE	Nil	10	
5.	Number of students who were admitted in foreign universities	Nil	1	One student got admission in USA
6.	Number of students received National Young Scientist Award	Nil	Nil	
7.	Number of students received ICAR's Jawaharlal Nehru thesis Award	Nil	Nil	
8.	Number of students awarded at Agri-unifest	Nil	0	
9.	Number of students awarded at Agri uni sports meet	Nil	0	
10.	Number of industry- sponsored projects and positions in cutting-edge areas of Agri-Science	Nil	0	
11.	Number of competitive grants from a national/international funding agency	Nil	0	
12.	Number of technologies commercialized by AU	Nil	0	

⁴ Add the numbers for component specific awarded AUs and fill the required fields accordingly. If there was no plan against any specific indicator during this period, it needs to be filled zero.

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DETAILS OF STUDENTS' DEVELOPMENT PROGRAMMES

The Junagadh Agricultural University organized various students' development programmes such as International Training and Vocational Training, Workshops, skill development programmes, Entrepreneurship program, certificate courses etc. The undergraduate students of the different disciplines were benefited from these programmes. The students were also motivated to participate in the various online events. The brief highlight of various students' development programmes under NAHEP-IDP is as follows;

1. International Training for Students:

Sr. No.	Programme Title	Organizing Place	Date Organized	Number of Participants
1	Run-off harvesting, ground water recharge, agricultural water management, irrigation technology, application of remote sensing, GIS and sensors in precision agriculture, precision agriculture water management, climate change and productivity	Western Sydney University, Australia	July 28, 2023 to September 24, 2023	10
2	Intelligent Technologies for Smart Agriculture Program	Can Tho University, Vietnam	August 19, 2023 to October 04, 2023	10
3	Safe Vegetable Production including integrated pest management, home gardening and vegetable farming	World Vegetable Centre, Thailand	August 24, 2023 to September 26, 2023	3
4	Use of UAV and DATA collection, various sensors to collect data, Use of RGB camera, multispectral, LiDAR sensors, thermal Sensors etc.	Hokkaido University, Japan	October 6, 2023 to November 14, 2023	10
5	Skills for Technology Development, Entrepreneurship and Management in Agriculture	University Putra, Malaysia	November 21, 2023 to December 21, 2023	12

2. Workshop

Sr. No.	Programme Title	Organizing Place	Date Organized	Duration in days	Number of Participants
1	Three days workshop-cum-training entitled "NARES-Blended Learning Platform (BLP)"	JAU, Junagadh in collaboration with ICAR-IASRI, New Delhi	October 05-07, 2023	3	295
2	The Growing Role of Artificial Intelligence in Agriculture:	CAET, JAU, Junagadh in	December 04-05, 2023	2	157

	Revolutionizing Farming Practices	collaboration with IIT, Ropar			
3	Automation in Protected Cultivation	CoA and CoH, JAU, Junagadh	December 6-7, 2023	2	204
4	Soft Skills and e-services	DSW and DIT	December 11-12, 2023	2	100
5	Awareness on Sexual Harassment at Workplace	CAET, JAU, Junagadh	December 22, 2023	1	30

3. Student Development Training Programme:

Sr. No.	Title	Organizing Place	Date Organized	Duration in Days	Number of Participants
Entrepreneurship Development					
1	Bio-Fertilizer: A key tool for sustainable agriculture	CoA, JAU, Junagadh	June 26-30, 2023	5	100
Skill Development					
1	Career Awareness and Skill Development	DSW, JAU, Junagadh at CoH	April 27-28, 2023	2	72
2	Career Awareness and Skill Development	DSW, JAU, Junagadh at CoA, JAU, Junagadh	April 28-29, 2023	2	132
3	Powerful Personality Development for Professional Excellence	DSW, JAU, Junagadh at CoA, JAU, Amreli	June 8-10, 2023	3	82
4	Powerful Personality Development for Professional Excellence	DSW, JAU, Junagadh at CoH, Junagadh	June 12-14, 2023	3	72
5	Application of Next Generation DNA sequencing technology in Agriculture	CoA, JAU, Junagadh	June 26-30, 2023	5	50
6	Special coaching classes of 45 days regarding various competitive exams i.e., GPSC Class 1, 2, 3, IBPS etc	CAET, JAU, Junagadh	August 10, 2023 to September 23, 2023	45	94
7	Guest lecture series by Dr Praful Umretiya and Dr Neha Umretiya from Australia	CoA and CoH, JAU, Junagadh	September 14-16, 2023	3	50
8	Hands-on practical training in the domain of Farm Machinery and allied sector	CAET and Mahindra and Mahindra ltd., Nagpur, Maharashtra	2 Months	60	16
9	Hands-on practical training in the domain of Micro Irrigation System	CAET and Agrinext Consultancy, Pune, Maharashtra	2 Months	60	16
10	Hands-on practical training in the domain of Remote Sensing and GIS and allied sector	CAET and Albedo Foundation, Nashik, Maharashtra	2 Months	60	20
11	Hands-on practical knowledge in the domain of Advanced Land Survey	CAET and Deccan Institute of Technologies, Hyderabad	2 Months	60	18

Sr. No.	Title	Organizing Place	Date Organized	Duration in Days	Number of Participants
	Technologies and allied sector				
12	Ignite Your Inner Spark	DSW at CoH, JAU, Junagadh	September 25-27, 2023	3	80
13	Ignite Your Inner Spark	DSW at CAET, JAU, Junagadh	September 25-27, 2023	3	80
14	Unlock Your True Potential	DSW at CoA, JAU, Junagadh	September 25-27, 2023	3	60
15	Unlock Your True Potential	DSW at CoA, JAU, Mota Bhandariya	September 25-27, 2023	3	85
16	One-week training at the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad	ICRISAT, Hyderabad (CoA)	October 03-08, 2023	7	15
17	ADROIT 2023- National Level Tech Fest on Food Processing on the occasion of World Food Day	College of Food processing Technology and Bio Energy, AAU, Anand (CAET)	October 16-17, 2023	2	51
18	Industrial visit to reputed processing industries coupled with visits to the farms of progressive farmers within Gujarat state	CoA, JAU, Junagadh	November 07-11, 2023	5	94
19	Educational visit to Sahyadri Farms in Nashik, Maharashtra	CoA, JAU, Junagadh	November 29, 2023 to December 01, 2023	3	80
20	Guest lecture on Decentralized Small Scale Wastewater System to solve rural sanitation problems	CAET, JAU, Junagadh	December 12, 2023	1	175
Vocational Training					
1	Hydroponics and Vertical Farming	CoA, JAU, Junagadh	June 26-30, 2023	5	50
2	Integrated Farming System for Sustainable Agriculture	CoA, JAU, Junagadh	June 26-30, 2023	5	50
3	Emerging Trends in Food Process Industries	CAET, JAU, Junagadh	August 21-25, 2023	5	77
4	Remote Sensing & GIS in Water Resources Management	CAET, JAU, Junagadh	August 21-25, 2023	5	42
5	Start-Up Opportunities for Exporting Irrigation Equipments	CAET, JAU, Junagadh	August 21-25, 2023	5	40
6	Advanced Computer Aided Design using CREO Parametric Software	CAET, JAU, Junagadh	August 21-25, 2023	5	45
7	Drone Training with DGCA Certification	CAET, JAU, Junagadh	September 04-09, 2023	5	29
8	Shaping of horticulture through entrepreneurship	CoA and CoH, JAU, Junagadh	December 6-10, 2023	5	66
ALUMNI Meet					
1	Third ALUMNI Meet 2023-Interaction between entrepreneurs and students	CoA, JAU, Junagadh	September 16-17, 2023	2	276

Sr. No.	Title	Organizing Place	Date Organized	Duration in Days	Number of Participants
	7th Alumni-Entrepreneur Meet 2023	CAET, JAU, Junagadh	December 02-03, 2023	2	364
Certification Courses					
1	Six-week certificate course on digital marketing	National Institute of Electronics & Information Technology (NIELIT)/CoA	starting from June 6, 2023	6 week	6
2	Six-week certificate course on Artificial Intelligence using Python	National Institute of Electronics & Information Technology (NIELIT)/CoA	starting from June 6, 2023	6 week	3
3	Six-week certificate course on Mobile Application Development using Android Programming	National Institute of Electronics & Information Technology (NIELIT)/CoA	starting from June 6, 2023	6 week	1
Other					
1	An industrial exposure visit for the latest technology in the food processing	CoA, JAU, Junagadh	April 8, 2023	1	143
2	One day online student awareness program on "Higher Education Opportunities in Australia"	CoA, JAU, Junagadh	April 11, 2023	1	50
3	Cleanliness drive under Environment and Social safeguard	DSW, JAU, Junagadh	April 27, 2023	1	74
4	Interaction meet with the entrepreneurs, faculties and students of JAU, Junagadh with Dr. R. C. Agrawal	JAU, Junagadh	May 5, 2023	1	150
5	A guest lecture on Climate Change: Cause, Impacts, and Way Forward for Agriculture on the occasion of World Environment Day along with poster making and slogan writing competition on the theme of environmental safeguarding followed by tree plantation	CoA, JAU, Junagadh	June 5, 2023	1	280
6	International Yoga day	JAU, Junagadh in collaboration with District Administration Department, Junagadh	June 21, 2023	1	478
7	Sensitization workshop for students of agricultural universities on Introduction to virtual Reality Modules through online mode	ICAR IASRI, New Delhi	July 05-07, 2023	3	36

Sr. No.	Title	Organizing Place	Date Organized	Duration in Days	Number of Participants
8	Pre-departure orientation and send-off ceremony of 10 UG students for two months International Training at Western Sydney University, Australia	JAU, Junagadh	July 25, 2023	1	10
9	Virtual lectures on 'Biodiversity Conservation'' under environment safeguard	PIU, NAHEP, ICAR, New Delhi	July 31, 2023	1	90
10	Send off ceremony for 10 UG students for international training at Can Tho University, Vietnam and 3 UG students to WVC, Thailand	JAU, Junagadh	August 08, 2023	1	13
11	77th Independence day along with tree plantation drive and Har Ghar Tiranga rally across the campus	DSW, JAU, Junagadh	August 15, 2023	1	200
12	2nd Sensitization Workshop on Introduction to Virtual Reality Modules through online mode	ICAR IASRI, New Delhi	August 23-25, 2023	3	36
13	Pre-departure orientation and send-off ceremony for 10 UG Students of B. Tech (Agril. Engg.) at Graduate School of Environmental Science, Hokkaido University, Japan	JAU, Junagadh	September 29, 2023	1	10
14	Marathon Run for Junagadh on the theme of "SAY NO TO DRUGS" under social safeguard	Police and youth welfare department of Junagadh and Gujarat	November 04, 2023	1	513
15	Presentation of 6 faculties and 10 UG Students of JAU, Junagadh who completed their International Training under NAHEP-IDP	JAU, Junagadh	November 07, 2023	1	39
16	Poster competition was organized during Two Days Workshop on " The Growing Role of Artificial Intelligence in Agriculture: Revolutionizing Farming Practices"	CAET, JAU, Junagadh in collaboration with IIT, Ropar	December 05, 2023	1	37
17	A rally was organized on the occasion of World Soil Day	CoA, JAU, Junagadh	December 05, 2023	1	50
18	Thalassemia camp as a part of social safeguard	DSW, JAU, Junagadh	December 8, 2023	1	84
19	Blood donation camp as a part of social safeguard	DSW, JAU, Junagadh	December 8, 2023	1	34
20	Presentation of 10 UG Students who completed their International Training	CAET, JAU, Junagadh	December 26, 2023	1	50

Sr. No.	Title	Organizing Place	Date Organized	Duration in Days	Number of Participants
	at Graduate School of Environmental Science, Hokkaido University, Japan				

Total Beneficiaries: Students 5604 (Female: 1898)

DETAILS OF FACULTIES PARTICIPATION IN DIFFERENT PROGRAMMES

International Training/Visits

Sr. No.	Name of Faculty	Designation and Department	Host Institute and Duration
1	Dr. Mahendra S Dulawat	Assistant Professor, Dept. of Renewable Energy Engineering, CAET, JAU, Junagadh	Hokkaido University, JAPAN July 06, 2023-September 18,2023
2	Dr. Chandrakant Singh	Assistant Research Scientist, College of Agriculture, JAU, Junagadh	Queensland Alliance for Agriculture and Food Innovation, The University of Queensland, Brisbane, Australia August 19, 2023 To September 20, 2023
3	Dr. Kamleshkumar C. Patel	Assistant Professor, Department of Soil and Water Conservation Engineering, CAET, JAU, Junagadh	Hawkesbury Institute for the Environment, Western Sydney University, Australia August 3-16,2023
4	Dr. Paresh R. Davara	Assistant Professor, Department of Processing and Food Engineering, CAET, JAU, Junagadh	Food Industry Development Department, Teagasc, Food Research Centre, Ashtown, Dublin 15, Ireland August 06, 2023 To September 15, 2023
5	Dr. P. A. Pandya	Assistant Professor, Department of Soil and Water Conservation Engineering, CAET, JAU, Junagadh	Hawkesbury Institute for the Environment, Western Sydney University, Australia August 29, 2023 To September 29, 2023
6	Dr. G. V. Prajapati	Assistant Professor, Department of Soil and Water Conservation Engineering, CAET, JAU, Junagadh	Hawkesbury Institute for the Environment, Western Sydney University, Australia September 19 to October 18, 2023
7	Dr. D. K. Varu	Principal and Dean, College of Horticulture, JAU, Junagadh	Faculty of Agribusiness and Commerce, Lincoln University, New Zealand October 22 to November 04, 2023
8	Dr. J. S. Parsana	Assistant professor, College of Horticulture, JAU, Junagadh	Department of Agricultural Sciences, Christchurch, Lincoln University, New Zealand October 22 to November 21, 2023
9	Dr. H. V. Parmar	Associate Professor, Department of SWCE, CAET, JAU, Junagadh	Director of the Institute for Natural Resources and Agrobiolgy (IRNAS), Sevilla, Spain October 27, 2023 to November 26, 2023
10	Dr. V. P. Chovatia	Hon'ble Vice Chancellor, JAU, Junagadh	Hawkesbury Institute for the Environment, Western Sydney University, Australia November 15-17, 2023

Short Visits/Seminars:

Sr. No.	Title	Organizing Place	Number of Faculty Participant	Date
1	Plant Health Management: A Way forward for Food Safety, Security and Sustainability	AAU, Anand	6	May 10-12, 2023
2	Workshop on Dynamics of Potato Production and utilization with a special reference to Seed and Diseases Management under the Global Conference on Precision Horticulture for Improved Livelihood and Environmental Services	JISL, Jalgaon, MH	3	May 28-30, 2023
3	International conference on Millets for Achiving Nutritional and Economic Security (ICMANES 2023)	Sonepat, Haryana	4	August 24-26, 2023
4	Online International Conference on Global Insights on Research and Development in Agriculture, Horticulture and allied Sciences	G H Raison University, Nagpur	1	October 5-7, 2023
5	Agriculture Science Congress	Kochi, Kerala	1	October 10-13, 2023
6	National conference on Transformation of Agro-technologies for Enhancing Production under Diverse Agro-Ecosystem	Saputara, The Dang, Gujarat	5	October 12-14, 2023
7	National Conclave on Promotion of Millets for Sustainable Agriculture and Nutritional Security towards Globe Prosperrity: Key Challenges and Future Prospects	SDAU, Sardarkrushinagar, Dantiwada	2	October 30, 2023 to November 1, 2023
8	57th Annual Convention of ISAE on Agri-Food Systems Transformation through Engineering Innovations and International Symposium on Engineering Interventions for making Millets a Global Food	Raichur, Karnataka	1	November 6-8, 2023
9	Training Course on New Crop Breeding Technologies	ICRISAT, Hyderabad	1	November 20-29, 2023
10	Training at the organic farm, Gurukul, Kurukshetra, Haryana	Haryana (CoA)	30	November 20-23, 2023
11	Conferene on Climate Smart Agronomy for Resilient Production Systems and Livelyhood Security	CCARI, Goa	2	November 22-24, 2023
12	12th National Seed Congress-2023	Aurangabad, MH	2	December 11-13, 2023
13	ACRDN meeting and International Conference on Innovation for a Resilient and Sustainable Cotton Production and Viable Value Chain	Mumbai, MH	2	December 6-8, 2023
14	National Symposium cum Industrial Meet-2023	MCCI, MIDC, Bhosari, Pune, MH	1	December 20-22, 2023

15	1st International Extension Education Congress-2023 on Rural Transformation and Sustainable Agri-Food System through Community based Organization Oriented Extension Strategy	RARI, Durgapura, Jaipur, Rajasthan	3	December 18-20, 2023
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Total Beneficiaries: 64

Workshop

Sr. No.	Programme Title	Organizing Place	Date Organized	Duration in days	Number of Participants
1	Three days workshop-cum-training entitled "NARES-Blended Learning Platform (BLP)"	JAU, Junagadh in collaboration with ICAR-IASRI, New Delhi	October 05-07, 2023	3	144
2	The Growing Role of Artificial Intelligence in Agriculture: Revolutionizing Farming Practices	CAET, JAU, Junagadh in collaboration with IIT, Ropar	December 04-05, 2023	2	107
3	Automation in Protected Cultivation	CoA and CoH, JAU, Junagadh	December 6-7, 2023	2	200
4	Soft Skills and e-services	DSW and DIT	December 11-12, 2023	2	100
5	Awareness on Sexual Harassment at Workplace	CAET, JAU, Junagadh	December 22, 2023	1	70

Total Beneficiaries: 621

Other programs

Sr. No.	Title	Organizing Place	Number of Faculty Participant	Date
1	Interaction meet with the entrepreneurs, faculties and students of JAU, Junagadh with Dr. R. C. Agrawal	JAU, Junagadh	50	May 5, 2023
2	Annual Technical Review Meeting-2023 of NAHEP-IDP	SKUAST, Srinagar, J&K	2	May 12-13, 2023
3	Award ceremony for receiving the excellence award from Education world, New Delhi	New Delhi	2	May 27, 2023
4	An online meeting regarding the re-appropriation of funds under revenue head	PIU, New Delhi	3	June 01, 2023
5	International Yoga day	JAU, Junagadh in collaboration with District Administration Department, Junagadh	84	June 21, 2023
6	NAHEP-IDP Review Meeting	PIU, New Delhi	2	Aug 17-18, 2023
7	A review meeting regarding MoU with WSU, Australia	JAU, Junagadh	15	September 05, 2023
8	WSU MoU	New Delhi	3	September 18, 2023

9	Progress Review and plan of action meeting	JAU, Junagadh	18	October 26, 2023
10	Education Summit as a part of Pre-Vibrant Summit on "Western Zone Vice Chancellors' Conference on Implementation of NEP-2020"	statue of Unity, Gujarat	2	October 26, 2023
11	Review meeting regarding MoU with WSU, Australia and progress of different activities till date under NAHEP-IDP	JAU, Junagadh	20	September 05, 2023
12	Progress of project, work plan and fund utilization meeting	JAU, Junagadh	16	November 09, 2023
13	An online orientation meeting	NC-M&E, PIU, New Delhi	8	November 08, 2023
14	Finance management and fund utilization meeting	JAU, Junagadh	16	November 10, 2023
15	Online meeting regarding the financial status and utilization till date with NC NAHEP IDP, PIU, New Delhi	PIU, New Delhi	4	November 20, 2023
16	Networking visit in connection to establish and Strengthen Linkages between institute and industries	CAET, JAU, Junagadh	1	November 28-29, 2023
17	Financial Management meeting for the financial status and utilization till date under NAHEP-IDP	JAU, Junagadh	20	December 12, 2023
18	An online meeting of expenditure status and progress	PIU, New Delhi	5	December 19, 2023

Total Beneficiaries: 271

Placement benefit through NAHEP – IDP activities:

Undergraduate students were benefited from various events organized under the aegis of NAHEP-IDP. The students were also motivated to participate in the various on campus as well as off campus technical and soft skill development events. The students got benefited through such initiatives and got placement in different Companies.

Students' feedback : Compiled Feedback from students in their words: “We the students of JAU, Junagadh would like to convey our gratitude to our Institute and University for giving us platform through various activities under NAHEP –IDP. These activities have helped us in improving our communication skills and technical knowledge. That has helped us in our placement interview. We have got placement due to the overall improvement in ourselves through such events conducted under NAHEP-IDP programme”.

PHOTOGRAPHS

International Training of Students



JAU students at Can Tho University, Vietnam



JAU students at Can Tho University, Vietnam



JAU students at Can Tho University, Vietnam



JAU students at Can Tho University, Vietnam



International Training of JAU students at Can Tho University, Vietnam



JAU students at Can Tho University, Vietnam



JAU students at World Vegetable Center, Thailand



JAU students at World Vegetable Center, Thailand



JAU students at World Vegetable Center, Thailand



JAU students at World Vegetable Center, Thailand



JAU students at World Vegetable Center, Thailand



JAU students at World Vegetable Center, Thailand



International Training of JAU students at Western Sydney University, Australia



JAU students at Western Sydney University, Australia



JAU students at Western Sydney University, Australia



JAU students at Hokkaido University, Japan



JAU students at Hokkaido University, Japan



JAU students at Hokkaido University, Japan



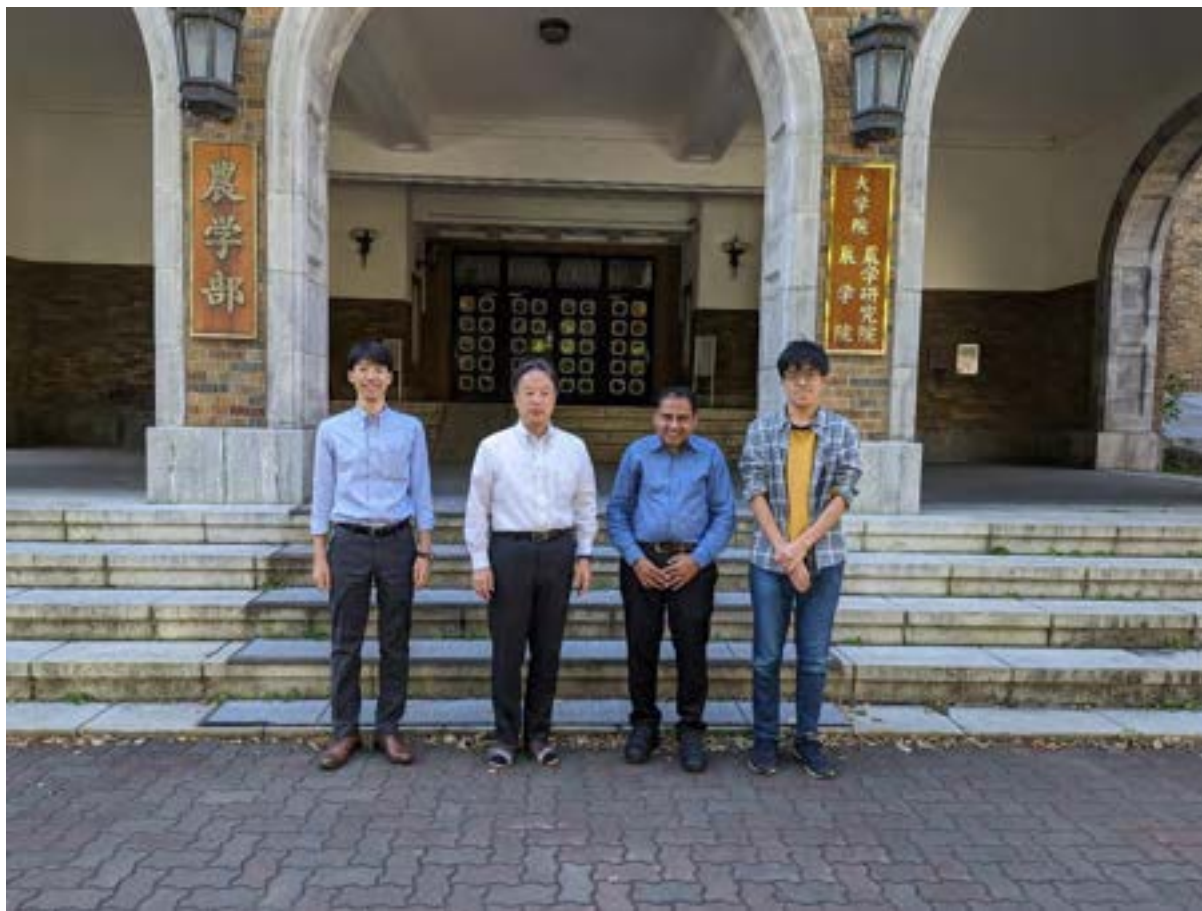
JAU students at University of Putra, Malaysia



JAU students at University of Putra, Malaysia

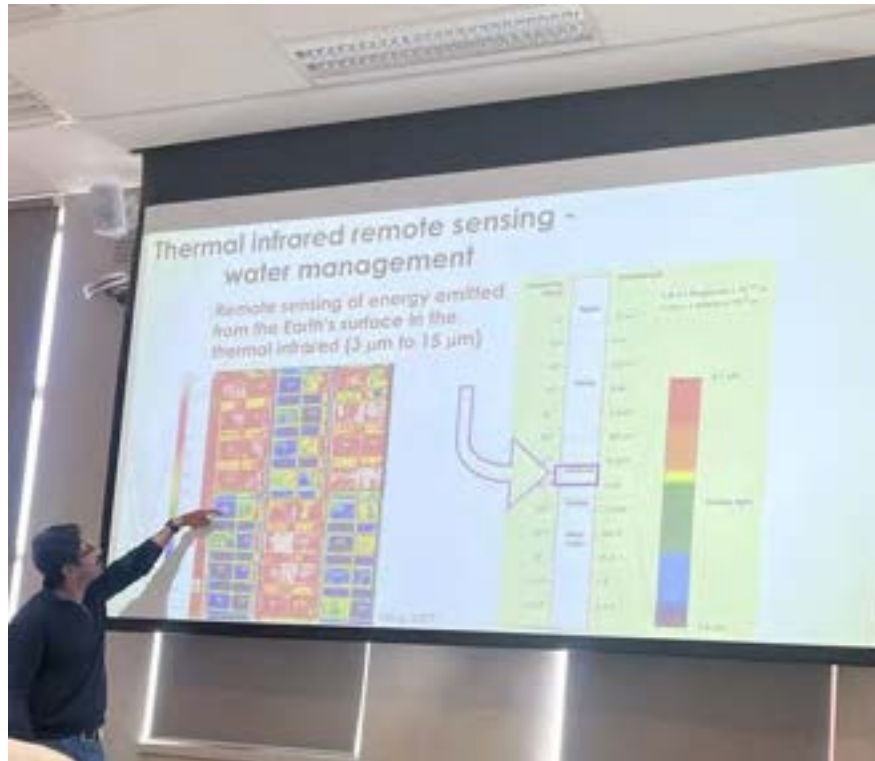
INTERNATIONAL TRAINING OF FACULTIES





International training of Dr. M. S. Dulawat at Hokkaido University, Japan







**International training/ short visit of Dr. K. C. Patel at Western Sydney University,
Australia**





International training of Dr. P. R. Davara at Teagasc Food Research Centre, Ashtown, Dublin 15, Ireland





International training of Dr. P. A. Pandya at Western Sydney University, Australia





International training of Dr. C. K.Singh at University of Queensland, Australia





International training/ short visit of Dr. D. K. Varu at Lincoln University, New Zealand





International training of Dr. G. V. Prajapati at Western Sydney University, Australia





International training of Dr. J. S. Parasana at Lincoln University, New Zealand



International training of Dr. H. V. Parmar at Director of the Institute for Natural Resources and Agrobiología (IRNAS), Sevilla, Spain





**International training/ short visit of Dr. K. C. Patel at Western Sydney University,
Australia**



Faculties participation in international conference on “Millets for Achieving Nutritional and Economic Security” from September 21-23, 2023 at Kundli, Sonapat, Haryana



Dr. R. C. Agrawal, ND (NAHEP-IDP) and Hon'ble DDG (Education) visited JAU, Junagadh on May 05-06, 2023



Dr. R. C. Agrawal, ND (NAHEP-IDP) and Hon'ble DDG (Education) address the gathering and interacting with students, entrepreneurs and faculties



Dr. R. C. Agrawal, ND (NAHEP-IDP) and Hon'ble DDG (Education) visited Artificial Intelligence Laboratories



Dr. R. C. Agrawal, ND (NAHEP-IDP) and Hon'ble DDG (Education) visited facilities developed under NAHEP-IDP and interacted with students at CAET, JAU on May 05, 2023



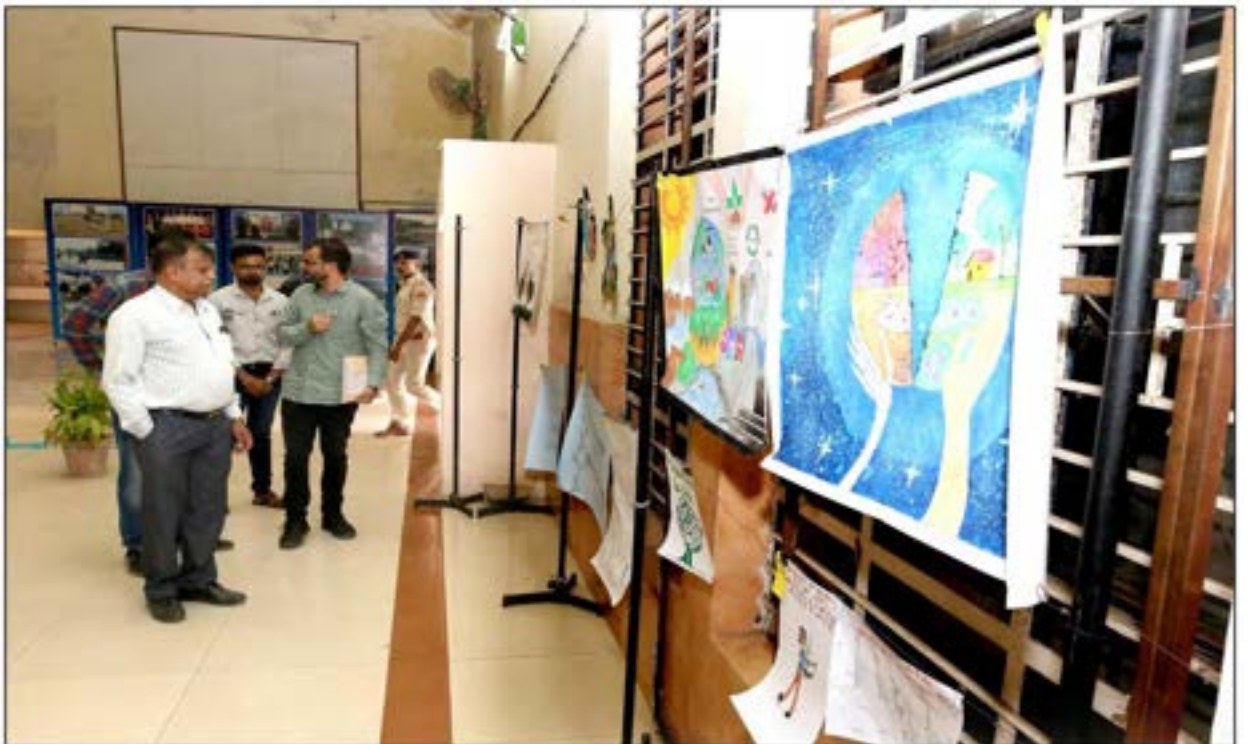
Dr. R. C. Agrawal, ND (NAHEP-IDP) and Hon'ble DDG (Education) appreciated the Battery powered Remote Control Mechatronics Precision Planter developed under Incubation center of NAHEP-IDP



Dr. R. C. Agrawal, ND (NAHEP-IDP) and Hon'ble DDG (Education) visited facilities developed under NAHEP-IDP on May 05, 2023



World Environment day 2023



Poster Making Competition on World Environment day 2023



Speech of Chief Dandak Vidhan Sabha Gujarat on World Environment day 2023



Speech of honorable chief minister World Environment day 2023



Speech of IFS on World Environment day



Tree Plantation World Environment day 2023



Traditional lighting of the lamp by the dignitaries on inauguration of the four different programme



Introductory remarks by Dr. H. P. Gajera during inauguration of the four different programme



Welcome address by Dr. S. G. Savaliya during inauguration of the four different programme



Release of the Training Manual for students



Presidential address by Dr. V. P. Chovatia during inauguration of the four different programme



Practical session during five days entrepreneurship development training programme on Bio fertilizer a key tool for sustainable agriculture



Practical session during five days entrepreneurship development training programme on Bio fertilizer a key tool for sustainable agriculture



Theory session of Five Days Professional Skill Development training on Application of Next Generation DNA Sequencing Technology in Agriculture



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Practical session of Five Days Professional Skill Development training on Application of Next Generation DNA Sequencing Technology in Agriculture



Invitation

Five-Days Vocational Training Series : 2023-24 on

- I** *Remote Sensing & GIS in Water Resource Management*
- II** *Start-up Opportunities For Exporting Irrigation Equipments*
- III** *Emerging Trends in Food Process Industries*
- IV** *Advanced Computer Aided Design using CREO Parametric Software*

under the aegis of

National Agricultural Higher Education Project, ICAR
Institutional Development Plan
August 21-25, 2023

Organized by

Department of Soil & Water Conservation Engineering
Department of Irrigation & Drainage Engineering
Department of Processing & Food Engineering
Department of Farm Machinery & Power Engineering

College of Agricultural Engineering and Technology
Junagadh Agricultural University
Junagadh, Gujarat.

<i>Inaugural Function</i>	<i>Valedictory Function</i>
August 21, 2023	August 25, 2023
09:00 AM onwards	16:00 PM onwards
Venue : Seminar Hall, CAET, JAU, Junagadh.	

Five days vocational Training series



Address by Dr. V. P. Chovatia, Hon'ble Vice-Chancellor of JAU in Inaugural function of Five Days Vocational Training Vocational Training Series organized from 21st to 25th August, 2023



Participants (faculty and students) in Inaugural of Five Days Vocational Training Series from 21st to 25th August, 2023



UG students sharing their views in Six Days vocational training on Drone Training with DGCA Certification



Students gets hands on practice of Drone Flying in Six Days vocational training on Drone Training with DGCA Certification



Hon. VC, JAU Dr. V. P. Chovatia get acquainted with fundamental of Drone Flying in Six Days vocational training on Drone Training with DGCA Certification



Address by Hon. VC, JAU, Dr. V. P. Chovatia in Special Coaching of various competitive exams, i.e. GPSC Class 1, 2 and 3, IBPS etc. for UG students of JAU



Participants in Special Coaching of various competitive exams, i.e. GPSC Class 1, 2 and 3, IBPS etc. for UG students of JAU



Lecture series of visiting professor from Australia



Lecture series of visiting professor from Australia



Lecture series of visiting professor from Australia



Lecture series of visiting professor from Australia



Lecture series of visiting professor from Australia



Lecture series of visiting professor from Australia



Lecture series of visiting professor from Australia



Virtual lectures on ' Biodiversity Conservation



Group photo of Skill development training of ‘Ignite your inner spark’



Marathon Run for Junagadh on the theme of “SAY NO TO DRUGS” under social safeguard



Marathon Run for Junagadh on the theme of “SAY NO TO DRUGS” under social safeguard



Alumni meet 2023 Interactions between entrepreneurs and student-CoA



Alumni meet 2023 Interactions between entrepreneurs and student-CoA



Alumni meet 2023 Interactions between entrepreneurs and student-CoA



Alumni meet 2023 Interactions between entrepreneurs and student-CoA



Alumni meet: Interactions between entrepreneurs and student-CAET



Alumni meet: Interactions between entrepreneurs and student-CAET



Alumni meet: Interactions between entrepreneurs and student-CAET



Anil Ranavasiya, IAS, Collector and District Magistrate of Junagadh visited Artificial Intelligence laboratory



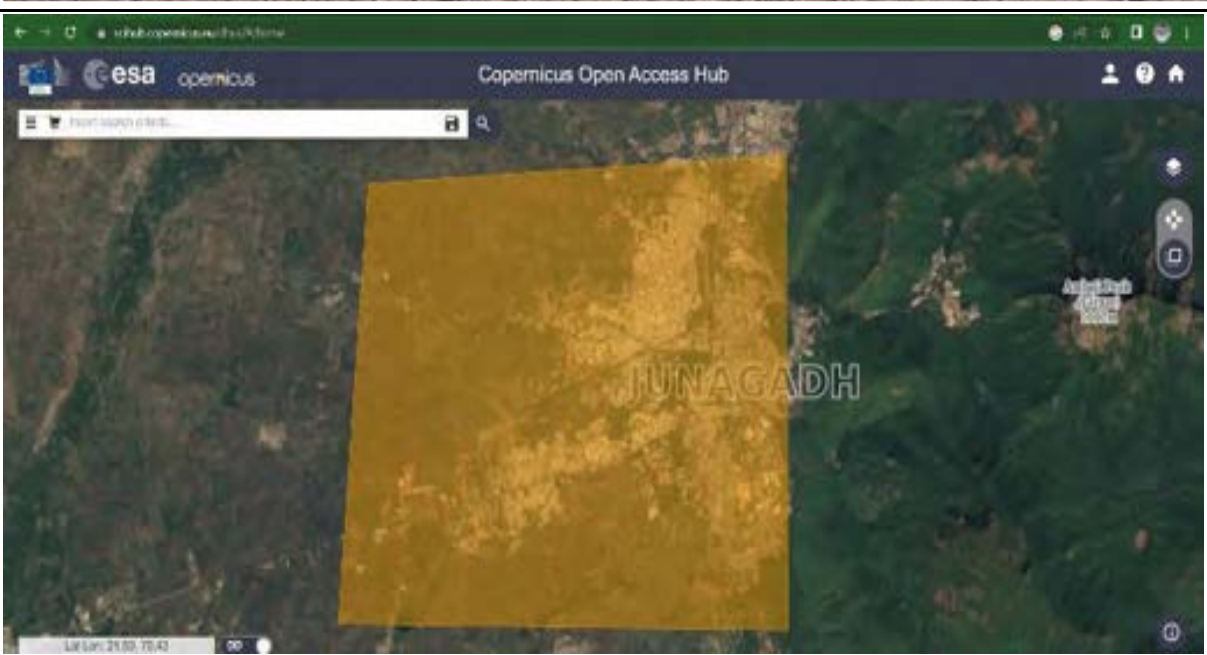
Dr. H. P. Singh, Ex. DDG (Horticulture), ICAR, New Delhi visited Artificial Intelligence laboratory



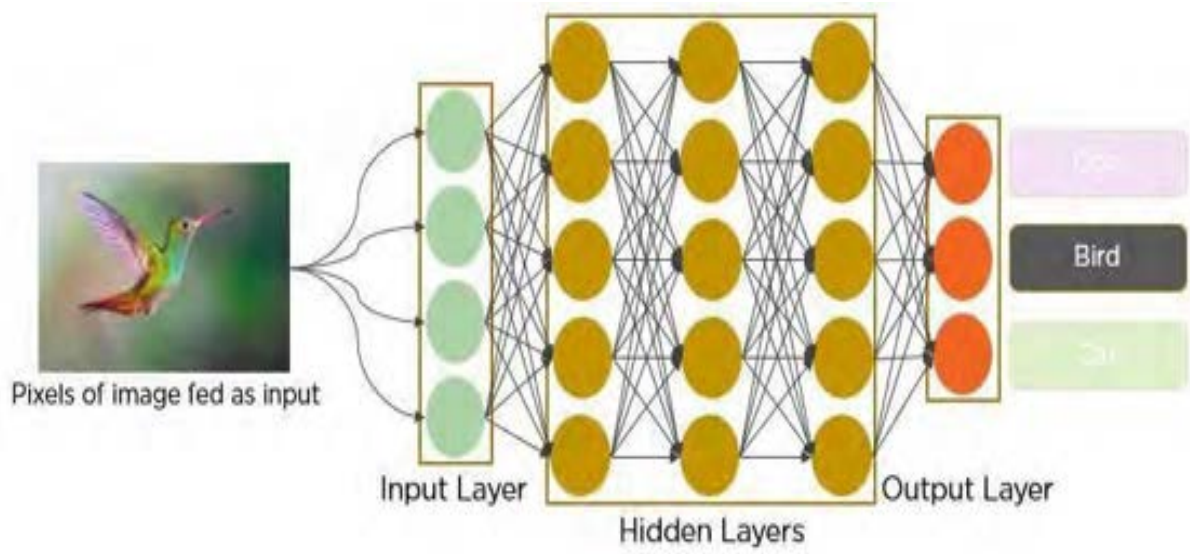
Dr. Praful Umretia and Dr. Neha Umrethia, Government of Western Australia, Australia Visited Artificial Intelligence laboratory



UG students utilized the facilities developed under NAHEP-IDP in Research Project entitle "Estimation of Biomass by Image Processing utilize Drone with NIR Camera



UG students utilized the facilities developed under NAHEP-IDP in Research Project entitled "Crop Monitoring using NDVI" utilize DJI Phantom Drone with 4K Camera



UG Students utilized advanced computing facility



UG students utilized Crop Spraying Drone in Research Project entitle "Performance Evaluation of Drone Spraying System for Precision Agriculture"