

Progress Report (Period: From July 2022)

Name of Unit : Sri Karan Narendra College of Agriculture, Jobner

I. Intake capacity and total enrolment of students in different programmes

Programme	Intake Capacity	Intake during the year			Total enrolment (including students of all years)				
		Male	Female	Total	Male		Female		Total
					Rural	Urban	Rural	Urban	
UG	126	55	71	126	179	22	252	27	480
PG	61	21	33	54	44	18	45	11	118
Ph.D.	26	11	13	24	31	03	26	05	65
Total	213	87	117	204	254	43	323	43	663

II. Students belonging to different categories

Category	Male				Female				Grand Total
	UG	PG	Ph.D.	Total	UG	PG	Ph.D.	Total	
General	83	31	20	134	142	28	16	186	320
SC	30	11	04	45	23	06	02	31	76
ST	16	01	01	18	15	02	03	20	38
OBC	46	13	08	67	71	11	07	89	156
EWS	15	03	-	18	15	07	03	25	43
MBC	07	03	01	11	08	02	-	10	21
SBC	-	-	-	-	-	-	-	-	-
Handicapped	-	-	-	-	01	-	-	01	01
Minority	-	-	-	-	-	-	-	-	-
Defense	04	-	-	04	04	-	-	04	08
Sponsored	-	-	-	-	-	-	-	-	-
Total	201	62	34	297	279	56	31	366	663

III. Students strength in various classes of different degree programme

Programme	Year					Total
	I	II	III	IV	V	
UG	126	111	119	124	-	480
PG	54	-	64	-	-	118
Ph.D.	24	-	41	-	-	65
Total	204	111	224	124	-	663

IV. Geographical Diversity of Students

Program me	Intake during the reporting year				Overall Enrolment			
	Same State	Other State	Other Country	Total	Same State	Other State	Other Country	Total
UG	115	11	-	126	422	58	-	480
PG	51	03	-	54	81	37	-	118
Ph.D.	22	02	-	24	56	09	-	65
Total	188	16	-	204	559	104	-	663

V. Department-wise students intake capacity and enrolment

S. No.	Name of the Department	Intake capacity		Total enrolment (including students of all years)	
		PG	Ph.D.	PG	Ph.D.
1.	Agronomy	9	6	16	10
2.	Extension Education	8	2	14	03
3.	Ag Economics	7	-	12	-
4.	GPB	7	4	17	06
5.	Entomology	6	4	11	07
6.	Vegetable Science	7	4	11	05
7.	Plant pathology	6	4	09	08
8.	Soil Science	6	2	07	03
9.	Plant Physiology	5	-	08	-
10	LPM	5	-	04	-
	Total	66	26	109	42

VI. Number of students completed Master's and Ph.D. degree during the year

S. No.	Faculty/Discipline	Master's degree			Ph.D. degree		
		Male	Female	Total	Male	Female	Total
1.	Agriculture	44	38	82	07	07	14
	Total	44	38	82	07	07	14

VII. Scholarships/Fellowships availed by students

A. Doctoral degree						
Type	Source	Amount per annum	Department	Male	Female	Total
State fellowship (incl. SC/ST, OBC, etc.) [GOR]	SJE	As per State Govt norms		02	-	02
Incentives for Girls students	State Govt	15000			39	39
CM Higher Education scholarship	-	-	-	-	-	-
Merit Scholarship		I Eli. 24000 II- 18000 III- 12000	Univ.	01	08	09
AICE-SRF (PGS) ICAR – SRF	-	-	-	-	-	-
Other SRF (incl. CSIR, UGC, DST, DBT, etc.)	-	-	-	-	-	-
Fellowship from National Private Bodies (incl. TATA, Jawaharlal Foundation, fellowships from on-going projects, etc.)	-	-	-	-	-	-
Fellowship from International sources	-	-	-	-	-	-
Others						
B. Master's degree						
Type	Source	Amount per annum	Department	Male	Female	Total
State fellowship (incl. SC/ST, OBC etc.)	SJE	As per State Govt Norms		14	05	19
AIEEA-PG (ICAR - JRF)						
Other JRF (incl. CSIR, UGC, DST, DBT, etc.)						
Merit Scholarship		I Eli. 19200 II- 15600 III- 12000	univ	01	11	12
Fellowship from National Private Bodies						

(incl. TATA, Jawaharlal Foundation, fellowships from on-going projects, etc.)						
Fellowship from International sources						
Incentives for Girls students	State Govt.	12000			45	45
CM Higher Education scholarship						
C. Under graduate						
Type	Source	Amount per annum	Department	Male	Female	Total
State fellowship (incl., SC/ST, OBC etc.)	SJE	As per state Govt norms		44	35	79
ICAR Fellowship (AIEEA)						
CM Higher Education scholarship						
Incentives for Girls students	State Govt	12000			246	246
Others						

VIII. RAWE/ REDDY, Education tour, summer/winter camp, training etc.

Name of activity	No. of students	Class and Department
General orientation & on campus training by different faculties	121	B.Sc (H) Ag. Pt. IV Deptt. Of Extension Education
Village attachment programme	121	B.Sc (H) Ag. Pt. IV Deptt. Of Extension Education
Unit attachment programme	121	B.Sc (H) Ag. Pt. IV Deptt. Of Extension Education
Agro- Industrial attachment	121	B.Sc (H) Ag. Pt. IV Deptt. Of Extension Education
Plant Clinic	121	B.Sc (H) Ag. Pt. IV Deptt. Of Extension Education
Project report preparation and Evaluation	121	B.Sc (H) Ag. Pt. IV Deptt. Of Extension Education



World Environment day



World Earth Day



World Bee Day



Cleanliness Campaign



International Year of Millets

IX. Students activities (Details)

- Literary
- Cultural
- Games & Sports

NSO Class activities: Regular Classes





➤ **Inter class Tournaments (Men & Women)-2022 held from 11-10-2022 to 14-10-2022.**

List of Events

S.No.	Event	S.No.	Event
1.	Basketball (M&W)	6.	Athletics (M&W)
2.	Volleyball (M&W)		A. Races - 100 m, 200 m, 400m, 800 m, B. Throws- Shot put, discus, Javelin C. Jumps- Long jump, High jumps
3.	Badminton (M&W)		
4.	Table Tennis (M&W)		
5.	Kabaddi (M&W)		



➤ **Inter Collegiate Tournaments 2022-23 (Men & Women). Date- 08-11-2022 to 11-11-2022.**
List of events

S.No.	Event	S.No.	Event
1.	Basketball (M&W)	6.	Athletics (M&W)
2.	Volleyball (M&W)		A. Races - 100 m, 200 m, 400m, 800 m, B. Throws- Shot put, discus, Javelin C. Jumps- Long jump, High jumps
3.	Badminton (M&W)		
4.	Table Tennis (M&W)		
5.	Kabaddi (M&W)		



II India Inter Agriculture Universities Sports and Games Meet 2022-23 :Date 20-24 Feb 2023.



○ NCC

Name of Unit : NCC (Senior Division), SKN College of Agriculture, Jobner

College NCC unit running two type of courses:

1. Certificate course programme of NCC as targets given by NCC Batallion office against the sanctioned strength of 107 cadets. This is three year certificate programme in which cadet finally get NCC 'B' & 'C' certificate.
2. Regular course for B.Sc. Degree Programme - For B.Sc. I yr & B.Sc. II yr students.
3. **Students Enrolled in Year 2022-23:**

S.No.	Name of Certificate	2022-23		Total
		Boys	Girls	
1.	B certificate- I year	15	20	35
2.	B certificate- II year	14	18	32
3.	C certificate- III year	12	17	29
	Total	41	55	96

Activities carryout by NCC cadets:

1. Enrollment of 1st year cadets in NCC through written, physical Efficiency Test (PET) and interview:
October, 2022 at Maharaja College Ground, Jaipur.

- 2.Registration of old cadets for B & C certificate: July, 2022
- 3.NCC cadets actively participated in all online awareness programmes as per schedule and directives of commanding Officer 1 Raj. NCC Bn. Jaipur.
- 4.NCC cadets actively participated in cleaning and weeding activities in college campus, shiv mandir and guest house.
- 5.Cadets participated in international yoga day celebration programme on 21 June, 2023.
Cadets also prepare short videos on yoga and uploaded on DG NCC digital forum.
- 6.All cadets participated in Kargil Vijay Diwas celebration programme on 26 July 2022.
Cadets participated in poster making competition and uploaded posters on DG NCC digital portal.
- 7.Celebrated Independence Day on 15th August, 2022 and republic day on 26th January 2023 with full cadets' strength.
- 8.60 cadets participated in Annual Training Camp (ATC) from 20 June to 29 June, 2022 at Shri Bhawani Niketan Polytechnic College, Sikar Road, Jaipur
- 9.Organized a rally on theme fit India as a part of fit India movement in college campus on 22 September 2021 to encourage people to remain healthy and fit by including physical activities and sports in their daily lives.
10. All the cadets participated in birth anniversary celebration programme of Mahatma Gandhi on 02.10.2022
11. Cadets participated in plastic pollution awareness rally and plantation programme on 1 August 2022 for conservation of environment and biodiversity.
12. Celebrated Constitution day on 26 November 2022 and cadets uploaded short video clips about constitution on DG NCC digital forum.
13. A bicycle rally was organized to celebrate Vijay Diwas on December 16, 2022 to honour the victory of Indian armed forces over Pakistan in the 1971 war. On that day, cadets paid homage to all the soldiers who defended the nation.
14. On 10 February, 2022 Col. Jitendra Kumar, Director, Directorate of NCC Rajasthan was inspected college NCC unit.
15. 32 cadets appeared in 'B' Certificate examination on 12 February, 2022 at 1st Raj. NCC Bn. Jaipur.
16. 29 cadets appeared in 'C' Certificate examination on 18 & 19 February, 2022 at Raj. NCC Bn. Jaipur.

17. All NCC cadets performed assigned duties sincerely in University convocation on March 16, 2022 at SKNAU, Jobner.
18. A marathon event was organized on the theme of run for equality on 14 April, 2023 in context of birth anniversary of Dr. B.R. Ambedkar. In this marathon, Prof, Balraj Singh, HVC SKNAU, Jobner also participated with cadets.
19. All cadets participated in Rajasthan Police Day celebration programme on 16 April 2023 at police station Jobner and get knowledge about smart policing and other police activities.
20. All cadets participated in world earth day celebration programme at college on 22 April 2023.
21. Classes have been conducted on following specialized/common topics as per schedule and directives of 1 Raj NCC Battalion:



(Plantation at college campus)



(Awareness rally on plastic pollution & International Year of Millets-2023)



Cadets won medals in ATC camp



Inspection of college NCC unit by Col. Jitendra Kumar, Director, Raj Directorate of NCC



Bicycle rally on Vijay Divas



Marathon event on 14.04.2023



Celebration of Republic Day-2023



World Earth Day celebration programme



Cadets knowing about smart policing on Rajasthan Police Day



Cleaning and weeding

-
- **NSS**

Name of Unit : NATIONAL SERVICE SCHEME, SKNCOA, JOBNER

Details of NSS activities organized during 2022-23, with special emphasis on Azadi Ka Amrit Mahotsav			
S. No.	Activity	Date/ Duration	Remarks
1.	Organized A poster Competition in reference to Har Ghar Tiranga Abhiyan		
2.	Distributed Tiranga in reference to Har Ghar Tiranga Abhiyan		NSS volunteers distributed Tiranga to all officials of SKNAU, Jobner

3.	Organized A Tiranga Raily in reference to Har Ghar Tiranga Abhiyan		NSS volunteers organized a raily on Tiranga Raily in Jobner
4.	Celebrated 15th August Independence Day	15 th August 2022	NSS volunteers participated in ceremonial parade
5.	Raily on Poshan Jagrukta		NSS volunteers organized a raily on poshan Jagrukta in Jobner
6.	Har Ghar Poshan Jagrukta		NSS volunteers went into village, meet the people and discuss with them about poshan and health
7.	Health Awareness through games		NSS volunteers participated in games
8.	NSS Day Celebration	24 th Sep. 2022	Speech and Cultural activities organized
9.	Ghandhi ji and Shastri ji Jayanti Celebration	02 nd Oct. 2022	Organized a lecture, Poster, song and speech Competition
10.	Fit India Freedom Run	12 th Oct. 2022	Fit India Freedom Run organized from college to Machharkhani village
11.	Clean India 2.0	1 st Oct. to 31 oct 2022	Cleaning Programme organized for polythene waste in and around Jobner
12.	Pre RD-Selection camp	01 st Nov. 2022	Pre-RD selection camp organized at Subodh College, Jaipur. Total 05 NSS volunteers participated in this camp and 01 volunteer Sangeeta Choudhary was selected.
13.	Run for Unity	01 st Nov. 2022	Oath programme organized
14.	National Youth Day	12 th Jan. 2023	Organized a lecture Poster, song, and speech Competition
15.	Republic Day	26 th Jan. 2023	NSS volunteers participated in ceremonial parade
16.	Yuva Samvad-India @ 2047 at college level	05 th April 2023	Speech competition on Bharat ke panch Pran
17.	Yuva Samvad-India @ 2047 at university level	11 th April 2023	Speech competition on Bharat ke panch Pran between all college best performer
18.	Exposure visit	16 th April 2023	NSS volunteers visited at Police Thana Jobner
19.	Raily on blood donation awareness	25 th April 2023	Blood donation awareness raily organized
20.	National Awareness	09 th May 2023	National awareness session on healthy and sustainable diets by Vegan Outreach in collaboration

			with SKNAU, Jobner
21.	International Yoga	21 st June 2023	
22.	Shramdan	25 No.	2150 participant (5160 hrs)
23.	Awareness Programmes/ Rallies/ Campaigns	04 No.	Awareness programme on Har Ghar Tiranga, Poshan Jagrukata, Run for Unity, and Blood donation awareness, Minimum Use of Polythene
24.	No. of One Day camps organized	3 one day camp	Participants=304
25.	No. of Special Camps organized (7days) = 1	19.02.2023 to 25.02.2023	for 2 nd Year Students batch 2022-23 at Dhani Nagan Participants= 53
26.	Moments of pride	25-11-2022 to 06-12-2022.	One NSS Volunteers Sangeeta Choudhary participated in Pre- RD Camp at LPU, Phagwada, Punjab
		26.01.2023	Two Volunteers Rajkumar Meena and Sunita Choudhary honored as Best NSS volunteers by Hon'ble VC sir Dr. Balraj Singh ji.



TIRANGA DISTRIBUTION



CEREMONIAL PARADE ON 15 AUGUST 2022



TIRANGA RALLY



Rally on Poshan Jagrukta



Health Awareness



फिट इंडिया फ्रीडम रन 3:0 का आयोजन





NSS Day Celebration



स्वच्छ भारत कार्यक्रम 2.0 (दिनांक 01.10.2022 से 31.10.2022 तक)



Celebrated National Youth Day on the occasion of Vivekanand Jayanti on 12th January 2023



भारत के पंच प्रण पर यवा संवाद का आयोजन

में राष्ट्रीय सेवा योजना के तत्वावधान में युवा संवाद भारत 2047 के तहत भारत के पंच प्रण एक युवा परिचर्चा का आयोजन किया गया। एनएसएस

के 29 विद्यार्थियों ने कार्यक्रम में भाग

लक्ष्य गुलामी य
औपनिषे शिक

भी निश्चयन को बढ़ा दें। हमारी विद्यमान पर मर्त्य करें। एकल और एकलवर्त

भा. निशान को हटा दें, हमारा विरोध पर गव. कर, एकता और एकजुटता, नागरिकों में कर्तव्य की भावना आदि पर अपने विचार व्यक्त किए। डॉ. श्रीवेष मोहित्वा जी, राजिव गजबजर जी, रामान चौधरी जी, योगेश नाथान

ने मूल्यांकन किया। विद्यार्थियों ने बताया कि देश के विकास के लिए अगर सभी सरकारी अपने कार्यों के प्रति ज़ायदात होकर देश सेवा करते हैं, तो

सभी नागरिक अपने कर्तव्यों के प्रति जागरूक होकर देश सेवा पर ध्यान दें तो देश विकसित राष्ट्रों की श्रेणी में होगा। देशवासी आपस में मत

कार्य करने के लिए प्रेरित करना चाहिए। डॉ. शैलेश गोदिका के बताए कि

राष्ट्र को आगे बढ़ाने में युवाओं को बड़ बड़कर भूग लेना चाहिए। अभिभावक डॉ. बी. एल. जाट ने बताया की हमें संगठित होकर कार्य करना चाहिए।

संगठित होकर कार्य करने से व्यक्तित्व निर्माण होता है। कार्यक्रम में प्रियार्थ प्रथम, भौमांश द्वितीय तथा विवेक शर्मा तृतीय स्थान पर रहे।

13.Manju Netwal 14.Pushpa 15.Shankar Lal Yadav 16.Raj kumar Fagoriya 17.Meera Chaudhary 18.Anita Jat 19.Suresh Meena 20.Vinod Bateshwar 21.Hansa Jat 22.Bhawani Singh Meena 24.Raju Choudhary 25.Sumitra Bambhoriya 26.Vijay Didel 27.Rajveer singh Gurjar 28.Mamta Meena 29.Basant Choudhary 30. Anju Kanwar Khangarot 31.Gajanand Jat	Assistant Professor	SKNAU,Jobner	10	10	20
32. Roshan Choudhary 33.Kuldeep Singh 34.Ramesh Chand Bana 35.Gopal Lal Choudhary	Associate Professor Dy Dir Res. Agri officer Agri officer Ag. Supervisor	SKNAU,Jobner GOR GOR GOR	1 1 1 1	1	1 3
Private Jobs 1. Gayatri Kumawat 2. Mahaveer Ola 3. Sushila Chaudhry 4. Poonam Kumar 5.Govind Kumar Yadav	Asstt. Prof. Asstt. Prof. Lecturer Lecturer Research Officer	GLA, University, Mathura VGU, Jaipur Pvt College Pvt College Sulphur Mills ltd	1 1 1	1 1 1	5
Other jobs					
Self Employed					
PG					
	Degree/Post	Organization	Male	Female	Total
Higher education					
Government Jobs 1. Karishma Yadav 2. Sangeeta Yadav 3. Krishanavatar Gocher 4. Rakesh Gurjar 5.Anita Jangir	Agril. Sup. Agril. Sup. Agril. Sup Agril. Sup Agril. Sup	GOR GOR GOR GOR GOR	2	5	7

6. Meenu Bhavariya 7. Sunita Kanwar	Agril. Sup ARO	GOR GOR			
1. Jatin 2. Kiran Choudhary 3. Kiran 4. Babu Lal Jat 5. Kiran Choudhary 6. Jitendra Choudhary 7. Pooja sharma 8. Baldaniya L. Jignesh	TA TA FCI TA TA STA Ag. Sup Ag. Sup Supervisor	GOR GOR DPP&Q, Faridabad MPUAT, Udaipur UP State Agril. Govt Deptt. Govt of Gujrat	1 1 1 1	 1 1 1 1	8
Private Jobs 1. 2.					
Other jobs					
Self Employed					

XII. Students qualifying National Eligibility Test (NET/ ARS/ SRF):

S. No.	Organizing Body	No. of students*
I	ASRB	30
ii	UGC	
iii	RPSC	

• Please attach list of students

1. Sunil Kumar Meena (Extension Education)
2. Rakesh Natwariya (Extension Education)
3. Rakesh Kasotiya (Extension Education)
4. Kiran Kumawat (Plant Pathology)
5. Aditya Choudhary (Plant Pathology)
6. Kavita Kasotiya (Plant Pathology)
7. Dinesh Kumar Meena (Plant Pathology)
8. Archana Kumawat (Plant Pathology)
9. Harshdeep Singh (Plant Pathology)
10. Manisha Khichar (Plant Pathology)
11. Sandeep (Plant Pathology)
12. Vijay Kumar Kasotiya (Plant Pathology)
13. Astha Sharma (Plant Pathology)
14. Pooja Yadav (Plant Pathology)
15. Pinki Devi Yadav (Plant Pathology)
16. Suman Chopra (Plant Pathology)
17. Kiran Choudhary (Plant Pathology)
18. Ravi Regar (Plant Pathology)
19. Kewal Chand (Plant Pathology)
20. Menu Kumari Meena (Plant Pathology)
21. Yogita Nain (Plant Pathology)
22. Reema (Agronomy)
23. Baldaniya Z. Jignesh (Agronomy)
24. Anisha (Agronomy)

25. Janak Raj (Agronomy)
26. Sarita Jat (Agronomy)
27. Sumay Malik
28. Narendra Yadav
29. Lal Chand Yadav
30. Shivraj Kumawat

XIII. Hostel facilities

Name of Hostel	Boys			Girls		
	UG/PG/Ph.D	Capacity	No. of students residing	UG/PG/Ph.D	Capacity	No. of students residing
Raman	UG	99	45	-	-	-
Bhahba	UG	103	56	-	-	-
Pal	UG/PG	78	41	-	-	-
Arbindo	PG	88	75	-	-	-
Girls	-	-	-	UG/PG	117	94
New Girls	-	-	-	UG	202	96
Total		368	217		319	190

XIV. Staff strength Teaching

Head of Account	Adm. & Executives	Professor			Associate Professor			Assistant Professor			Total		
		Sanctioned	Filled		Sanctioned	Filled		Sanctioned	Filled		Sanctioned	Filled	
			M	F		M	F		M	F		M	F
Non-plan		8	4	-	17	5	2	65	36	6	90	45	8
State plan													
ICAR		01	-	-	01	01	-	07	06	01	09	07	01
Other agencies													
Total		09	04	-	18	06	02	72	42	07	99	52	09

M- Male, F-Female

XV. Staff Strength Non-Teaching

Head of Account	Technical			Ministerial			Supporting				Total	
	Sanctioned	Filled		Sanctioned	Filled		Sanctioned	Filled		Sanctioned	Filled	
		M	F		M	F		M	F		M	F
Non-plan	42	21	01	33	14	02	91	30	09	166	65	12

State plan												
ICAR	08	03	--	-	-	-	03	01	-	11	04	-
Other agencies												
Total	50	24	01	33	14	02	94	31	09	177	69	12

M- Male, F-Female

XVI. Staff belonging to different categories

Category	Teaching			Non-teaching		
	Male	Female	Total	Male	Female	Total
General	21	08	29	22	03	25
SC	07	-	07	06	04	10
ST	05	-	05	04	02	06
OBC	14	01	15	36	03	39
Handicapped	02	-	02	-	-	-
Minority	03	-	03	01	-	01
Total	52	09	61	69	12	81

XVII. Department/discipline-wise strength of teaching staff

S. N.	Name of Department/Discipline	Sanctioned				Filled				Vacant		
		I	II	III		I	II	III		I	II	III
1.	Admin. Office	01	-	-		01	-	-		-	-	-
2.	Statistics, Mathematics & Computer Science	-	01	05		-	01	03		-	-	02
3.	Plant Pathology	-	01	04		-	01	04		-	-	-
4.	Non Plan Res. Pl. Pathology	-	01	02		-	-	-		-	01	02
5.	Ag. Economics	01	01	04		-	-	03		01	01	01
6.	Ento. & Limnology	01	01	07		-	-	05		01	01	02
7.	Soil Sci. & Ag. Chemistry	01	01	06		01	01	05		-	-	01
8.	Nematology	-	01	01		-	-	01		-	01	-
9.	Ext. Education	01	02	02		-	02	02		01	-	-
10.	Extension Wing	-	-	02		-	-	01		-	-	01
11.	Ag. Engineering	-	01	03		-	-	02		-	01	01
12.	PBG & Cytogenetic	-	02	05		-	-	04		-	02	01

13.	Agronomy & ARFO	01	-	07		01	-	04		-	-	03
14.	Biochemistry	-	-	01		-	-	01		-	-	-
15.	Pl. Physiology	-	-	01		-	-	01		-	-	-
16.	L.P.M.	-	-	03		-	-	02		-	-	01
17.	Non Plan Res(NARP)	01	04	05		-	01	-		01	03	05
18.	Horticulture	01	01	05		01	01	04		-	-	01
19.	Library	-	-	01		-	-	-		-	-	01
20.	Suprident Phy.Edu	-	-	01		-	-	-		-	-	01
Total		08	17	65		04	07	42		04	10	23
21.	AICRP on Taramira	-	-	02		-	-	02		-	-	-
22.	AICRP on Arid Zone Fruits	-	01	03		-	01	03		-	-	-
23.	AICRP on Seed Spices	01	-	02		-	-	02		01	-	-
Total		09	18	72		04	08	49		05	10	23
Grant Total		99				61				38		

I- Professor, II- Assoc. Professor, III- Asstt. Professor

XVIII. Participation of staff members of the college/ unit in the conference/workshop/ winter-summer school/ training etc.

Details of activity	Duration	Date	Organising Body	Regional/state/ National/ International	Name of staff
Conferences					
Participated in National Conference Cum 9 th Rajasthan Science Congress on "Harnesing Frontier Sciences and Technologies for Food. Nutrition, Health and Environmental Security"	3 days	December 15-17, 2022	SKNAU, Jobner	National	Dr. B.L. Kumhar Dr. Manohar Ram Dr. Varsha Kumari Dr. Deepak Gupta Dr. Ram Kunwar Sh. M.K. Meena Dr. G.L. Kumawat

Participated in National Conference on "Millets: Magical Crops for Nutritional Sustainability"	2 days	April 28-29, 2023.	Jagannath University, Jaipur	National	Dr. B.L. Kumhar Sh. M.K. Meena
Participated in international agribusiness conclave on production processing and value addition of Millet conclave	02 days	March 21-22, 2023	RARI, Durgapura	International	Dr. D.K. Gothwal Dr. Ram Kunwar Dr. Manohar Ram Sh. M.K.Meena
9 th Rajasthan Science Congress on Harnessing Frontier Sciences and Technologies for food, Nutrition, Health and Environment Security	3 Days	15-17 Dec, 2022	VDS, Jaipur & SKNAU, Jobner	National Conference	Dr. Sheela Kharkwal, Dr. P.S. Shekhawat Mr. Sonu Jain
The Emerging Role of Artificial Intelligence in Agribusiness	Two Days	03.03.2023 to 04.03.2023	Department of Agricultural Economics, IAS, BHU, Varanasi (UP), India.	National Conference	Mr. Sonu Jain
National Conference cum 9 th Rajasthan Science Congress	3 Days	15 – 17 December, 2022	SKN Agriculture University, Jobner, Rajasthan	National	Dr. Shailesh Godika
National Conference cum 9 th Rajasthan Science Congress	3 Days	15 – 17 December, 2022	SKN Agriculture University, Jobner, Rajasthan	National	Mr. G L Kumawat
National Conference cum 9 th Rajasthan Science Congress	3 Days	15 – 17 December, 2022	SKN Agriculture University, Jobner, Rajasthan	National	Mrs. Pinki Sharma
National	3 Days	15 – 17	SKN	National	Dr. Jitendra

Conference cum 9 th Rajasthan Science Congress		December, 2022	Agriculture University, Jobner, Rajasthan		Singh
“International Agribusiness Conclave on Production, Processing and Value Addition of Millets”	3 DAYS	March 21 st to 23 rd 2023	NAHEP	International	Dr. Shailesh Godika
“International Agribusiness Conclave on Production, Processing and Value Addition of Millets”	3 DAYS	March 21 st to 23 rd 2023	NAHEP	International	Dr. Shashi Kant Goyal
National Conference cum 9 th Rajasthan Science Congress	3 Days	15 – 17 December, 2022	SKN Agriculture University, Jobner, Rajasthan	National	Dr. B.S. Chandrawat
National Conference cum 9 th Rajasthan Science Congress	3 days	15 th -17 th December 2022	SKNAU, Jobner	National	Dr Priyanka Kumawat Dr D.K. Jajoria Dr. S.S. Yadav Dr. A.C. Shivran Dr. B.L. Dudwal
International Agribusiness Conclave on Production, Processing and Value Addition of Millets	2 days	21-22 March, 2023	Sri Karan Narendra Agriculture University, Jobner.	International	Mr. B.R. Meena
National Conference Cum 9 th Rajasthan Science Congress on “Harnessing Frontier	3 Days	15 th -17 th December 2022	SKNAU, Jobner	National	Dr. Akhter Hussain, Dr. R.K. Meena, Dr. S.L. Sharma, Dr. Suman

Sciences and Technologies for Food, Nutrition, Health and Environmental Security”					Choudhary Dr.Manisha Sharma
The National symposium cum 9 th Rajasthan Science Congress was attended	3 days	Dec 15 to 17, 2022	SKNAU, Jobner	State	Dr. Sunita Gupta Dr. M. K. Sharma
Rajasthan Millet Conclave- 2023	1 day	13.03.2023	SIAM, Durgapura, Jaipur	National	Dr. R.K. Meena
International Agri-business Conclave on “Production, Processing and Value Addition of Millets”	2 days	21.03.23 to 22.03.23	RARI, Durgapura under the aegis of NAHEP, SKNAU, Jobner	International	Dr. R.K. Meena
Attended Online - International Agri-business Conclave on “Production, Processing and Value Addition of Millets”	2 days	21.03.23 to 22.03.23	at RARI, Durgapura under the aegis of NAHEP, SKNAU, Jobner	International	Dr. Akhter Hussain Dr. S.L. Sharma
Participation & Paper Presentation in International Conference on the role of Advanced Statistical Tools for Sustainable Development	3 days	23-25 September 2022	Department of Statistics, University of Rajasthan	International	Dr Kiran Gaur
Participated in International Agribusiness Conclave on “Production, Processing and Value addition of Millets”	02 Days	21-22 March, 2023	RARI, Durgapura, SKNAU, Jobner.	International	Dr. G. K. Mittal

Participation & Paper Presentation in regional workshop on “Women empowerment & transformation in Indian in context of Raja Ram Mohan Ray’s Reforms’	3 day	20-23 March, 2023	MJRP University, Jaipur	Regional	Dr. M.K. Sharma
Participation & Paper Presentation in International Conference on the role of Advanced Statistical Tools for Sustainable Development	3 days	23-25 September 2022	Department of Statistics, University of Rajasthan	International	Dr. M.K. Sharma
Presented a research paper in the 2 nd Hybrid International Conference on “Orthogonal Polynomials, Special Functions and Computer Algebra: Applications in Engineering”	2 days	15-16 October, 2022.	Anand International College of Engineering, Jaipur and International Telematic University UNINETTUNO	International	Dr Pratibha Manohar
Presented a research paper in the National Conference cum 9 th Rajasthan Science Congress on “Harnessing Frontier Science and Technologies for Food, Nutrition, Health and Environmental Security”	3 days	15-17 December, 2022.	SKNAU, Jobner	National	Dr Pratibha Manohar
Presented a research paper in the International Conference on Real World Domains and	2 days	17-18 December, 2022.	University of Rajasthan, Jaipur	International	Dr Pratibha Manohar

Interfaces in Mathematics: Challenges Tools & Strategies					
Presented a research paper in the ICMCITC-2023	2 days	10-11 March, 2023	MAISM, Jaipur	International	Dr Pratibha Manohar
Participated and presented a paper in the oral session of 3 rd International Web-Conference on “Natural Resource Management for global food security and Sustainable Development Goals”.	2 days	December, 2-3, 2022	Academy of Natural Resource Conservation and Management (ANRCM), Lucknow, INDIA	National	Chiranjeev Kumawat
Participated and presented a paper in national conference cum 9 th Rajasthan Science Congress on “Harnessing Frontier Sciences and Technologies for Food, Nutrition, Health and Environmental Security”.	3 days	December, 15-17, 2022	Sri Karan Narendra Agriculture University Jobner –Jaipur, Rajasthan	National	Chiranjeev Kumawat
Participated in 8th international conference on Plant Pathology: Retrospect and Prospects.	4 days	March, 23–26, 2022	Indian pathological society at Sri Karan Narendra Agriculture University Jobner –Jaipur, Rajasthan	National	Chiranjeev Kumawat
National Conference on Millets: Magical Crops for	2 days	April 28-29, 2023	All India Agricultural Students Association	National	Chiranjeev Kumawat

Nutritional Sustainability			(AIASA) Rajasthan and Jagannath University, Jaipur		
National Conference on Millets: Magical Crops for Nutritional Sustainability	2 days	April 28-29, 2023	Jagannath University, Jaipur All India Agricultural Students Association (AIASA) Rajasthan	National	Dr. Perna Dogra
Natural Resource Management for Global Food Security and Sustainable Development Goals	2 days	2 -3 December, 2022	Academy of Natural Resource Conservation and Management (ANRCM), Lucknow	National	Dr. Perna Dogra
Participated and presented a paper in national conference cum 9 th Rajasthan Science Congress on “Harnessing Frontier Sciences and Technologies for Food, Nutrition, Health and Environmental Security”.	3 days	December, 15-17, 2022	Sri Karan Narendra Agriculture University Jobner –Jaipur, Rajasthan	National	Dr. S. S. Sharma
Participated and presented a paper in national conference cum 9 th Rajasthan Science Congress on “Harnessing Frontier Sciences and Technologies for Food, Nutrition, Health and Environmental Security”.	3 days	December, 15-17, 2022	Sri Karan Narendra Agriculture University Jobner –Jaipur, Rajasthan	National	Dr. K. K. Sharma
Workshop					
Five Days International	5 days	18-22 April, 2023	Department of Mathematics,	International	Dr Pratibha Manohar

Workshop on “Application of Mathematical Modelling in Engineering and Sciences”			Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur and Gwalior Academy of Mathematical Sciences		
Participated in 33 rd Annual Group Meeting (Annual Workshop) on Spices.	04 days	13-16 October, 2022.	Conducted by AICRP on spices NDUA&T, Kumarganj, Ayodha, Utter Pradesh	National	Dr. G. K. Mittal
International Faculty Development Program on “R-Programming for Data Science”	2 weeks	24/4/2023-07/05/2023	Mizan-Tepi University, Ethopia	International	Mr S.K. Sharma
National Level Faculty Development Program on “Statistical Analysis with Excel’	5 days	15-19 May, 2023	TMIMT, Teerthanker Mahaveer University, Moradabad	National	Mr S.K. Sharma
2 nd Hybrid International Conference on “Orthogonal Polynomials, Special Functions and Computer Algebra: Applications in Engineering”	2 days	15-16 October, 2022	Anand International College of Engineering, Jaipur and International Telematic University UNINETTUNO	International	Mr S.K. Sharma
National Conference cum 9 th Rajasthan Science Congress on “Harnessing Frontier Science	3 days	15-17/12/2022	SKNAU, Jobner	National	Mr S.K. Sharma

and Technologies for Food, Nutrition, Health and Environmental Security”					
awareness workshop on “e-Governance standards & Guidelines”	2 days	03-04, March 2023	CDAC, Pune and STQC	National	Mr S.K. Sharma
Participated in workshop on "Good Agriculture & Allied Practices for Doubling Farmers Income ”	3 days	March 01-03, 2023.	Jointly organized by DEE, SKNAU, Jobner (Raj.) & EEI, AAU, Anand (Gujrat) at DEE, SKNAU, Jobner	-	Dr. B.L. Kumhar Dr. Varsha Kumari
Participated in workshop on “Role of Nano Fertilizers in Agriculture”	One day	March 02, 2023	RARI, Durgapura, Jaipur (Raj.)	National	Dr. B.L. Kumhar Dr. Varsha Kumari
XXXIII Annual Group meet on AICRP on Spices	3 Days	13 – 15 October, 2022	ANDUA&T, Kumarganj, Ayodhya (U.P.)	National	Dr. A.C. Shivran, Dr. S.S. Punia, Dr. G.L. Kumawat, Dr. S.S. Rajput, Dr. G.K. Mittal
XIII Annual workshop of AINRP on Onion & garlic	3 days	5-7 August, 2022	UAS, Dharwad	National	Dr. Deepak Gupta
Role of Nano Fertilizers in Agriculture	1 Day	02 Mar., 2023	RARI, Durgapura	National	Dr. Sheela Kharkwal
33rd AICRP on Spices Annual Workshop	3 Days	13 – 15 October, 2022	ANDUA&T, Kumarganj, Ayodhya (U.P.)	National	G L Kumawat
XIII th AINRPOG Annual Group Meet	3 Days	5-7 th August, 2022	University of Agri. Sciences, Dharwad (Karnataka)	National	Mrs. Pinki Sharma
International Agribusiness Conclave on	2 days	21-22 March, 2023	Sri Karan Narendra Agriculture	International	Mr. B.R. Meena

Production, Processing and Value Addition of Millets			University, Jobner.		
29 th AGM on Rapeseed-Mustard	3 days	01-03 August, 2022	SKNAU, Jobner ICAR-DRMR, Bharatpur	National	Dr. Priyanka Kumawat
13 th Annual Group Meeting of AINP on Onion & Garlic	3 Days	5 to 7.08.22	UAS, Dharwad organized by ICAR-Directorate of Onion & Garlic Research, Rajgurunagar, Pune.	National	Dr. Manisha Sharma
Online ESI annual wokshop	1 day	14.10.22	<i>Entomological Society of India (ESI), New Delhi</i>	National	Dr. S.L. Sharma
Online ESI annual wokshop	1 day	14.10.22	<i>Entomological Society of India (ESI), New Delhi</i>	National	Dr. R. K. Meena
Winter/Summer Schools					
ICAR Winter school on “Advances in Agricultural Waste Management for Environmental Safety, Soil Health Management and Energy Production”	21 days	18.01.2023 to 07.02.2023	DHRD,SKNAU, Jobner		
CAFT training on “Advances in Plant disease Diagnostic and Forecasting Tools” from	21 DAYS	November 29 th to December 19 th 2022.	ICAR GBPUA&T, Pantnagar	National	Dr. Shashi Kant Goyal
CAFT Training on “Advances in Plant Disease Diagnostic and Forecasting Tools”	21 days	November 29 to December 19, 2022	ICAR GBPUA&T, Pantnagar	National	Dr. A.K.Meena
Winter school on Natural Farming-Agroecological Approaches under	21 Days	08-28 December, 2022	SKNAU, Jobner	National	Mr. B.R. Meena

Rainfed Production System					
CAFT Training Programme on “Current Scenario of Pesticide Toxicology and Its Impact on Future Agriculture”	21 days	03 Nov. 2022 to 23 Nov. 2022	CCSHAU, Hisar.	National	Dr. S.L. Sharma
winter school “Advances in Agricultural Waste Management for Environmental Safety, Soil Health Management and Energy Production” from dated held at	21 days	18.01.23 to 07.02.23	Department of Soil Science and Agricultural Chemistry, SKN College of Agriculture, SKNAU, Jobner	National	Dr. Suman Choudhary
Trainings					
Online agMOOCs training on “Statistical Techniques for Agriculturists”	six-week	completed on 26 July 2022	Centre for Continuing Education (CCE), IIT Kanpur, India and Commonwealth of Learning (COL), Canada	International	Dr. M.K. Sharma
Training of Trainers (TOT)	2 days	23-24 January 2023	ICAR-NAARM, Hyderabad	National	Dr. M.K. Sharma
Participated in IP Awareness/Training program under “National Intellectual Property Awareness Mission”	One day	August 05, 2022.	Intellectual Property office , India	National	Dr. B.L. Kumhar
Attended the training on management and utilization of plant genetic resources	21 days	Feb. 1- 21, 2023	ICAR-NBPGR, New Delhi & HRM Unit, New Delhi (Online mode)	National	M.K.Meena
Three days training	Three days	16-18 January, 2023	jointly organized by EEI, Anand Gujarat and DEE, SKN AU,	National	Dr. Manohar Ram

			Jobner		
Good agriculture and allied practices for doubling farmers income	3 Days	01-03 Mar, 2023	DEE SKNAU, Jobner and EEI, AAU, Anand Gujrat	Regional	Dr. Sheela Kharkwal
Nurturing the Entrepreneurial Ecosystem in Agricultural Universities	05 Days	23.08.2022 to 27.08.2022	ICAR-National Academy of Agricultural Research Management, Hyderabad, Telangana	National	Mr. Sonu Jain
Promotion of Organic Farming & Sustainable Agriculture	03 Days	16.01.2023 to 18.01.2023	DEE, SKNAU, Jobner & EEI, AAU, Anand (Gujarat) at DEE, SKNAU, Jobner (Raj.)	Regional	Mr. Sonu Jain
Online training on 'Plant Health Management in Protected Cultivation'	5-days	26 th to 30 th September, 2022.	National Institute of Plant Health Management, Hyderabad	National	Dr. Shashi Kant Goyal
4- days Training programme on "Promotion of biofortification for ensuring nutritional security"	4- days	27-29.07.2022 (Online)	MANAGE, Hyderabad	National	Dr. Jitendra Singh
3 days training programme on "Promotion of organic farming & Sustainable Agriculture"	3 days	16- 18, Jan. 2023	DEE, SKNAU, Jobner	National	Dr. Jitendra Singh
3 days training programme on "Promotion of organic farming & Sustainable Agriculture"	3 days	16- 18, Jan. 2023	DEE, SKNAU, Jobner	National	Mrs. Pinki Sharma
Faculty Development Program on "Innovative Research on Millets"	5 days	26th April to 30th April 2023	School of Agriculture, Galgotias University, Gautam Budh	National	Dr. A.K.Meena

for Food and Nutritional Security"			Nagar, Uttar Pradesh (India)		
IP Awareness /Training programeunder NIPAM, GOI, on 05.08.2022	01 days	05.08.2022	NIPAM, GOI	National	Dr. A.K.Meena
training under NAHEP at Arid land Research Centre ,Tottori, Japan	15 days	4-March 18,2023	IDP-NAHEP, Jobner	International	Dr. Sunita Gupta
Recent developments in the the organic production of oilseeds for ushering productivity, soil health and export	10 days	21/02/2023-02/03/2023	IIR, Hyderabad	National	Dr. M. K. Sharma
Training program on 'On-Farm production of biocontrol agents and microbial Biopesticides'	12 days	12 to 23 September, 2022	NIPHM, Hyderabad.	National	Dr. Manisha Sharma
Online training programme entitled "Plant Health Management in Protected Cultivation"	05 days	26.09.22 to 30.09.22	NIPHM, Hyderabad.	National	Dr. Suman Choudhary
Online training programme entitled "Plant Health Management in Protected Cultivation"	05 days	26.09.22 to 30.09.22	NIPHM, Hyderabad.	National	Dr. R. K. Meena
"Promotion of organic farming and sustainable agriculture" jointly organized by	3 days	16.01.23 to 18.01.23	EEA, Anand and DEE, SKNAU, Jobner at ATIC, SKNAU, Jobner	National	Dr. Manisha Sharma
attended online National Symposium on	2 days	23 to 24.06.23	ICAR- Directorate of	National	Dr. S.L. Sharma

“Floriculture Nurtures Pollinators: Flower Crops for Healthy Pollinators and Value-Added Bee Products”			Floricultural Research, Pune		
ICAR Sponsored Short Course on “Recent Development in the Organic Production of Oilseeds for Ushering Productivity, Soil Health and Export”	10 days	February 21-March 02, 2023.	by ICAR-Indian Institute of Oilseed Research, Hyderabad	National	Dr. Sunil Kumar Dadhich
OTHERS					
Pre-ZREAC	2 Days	23-24 August, 2022.	RARI, Durgapura, Jaipur	Regional	Dr. A.C. Shivran Dr. S.S. Rajput Dr. Deepak Gupta, Dr. Manohar Ram Sh. G L Kumawat
ZREAC	2 Days	29-30 August, 2022	RARI, Durgapura, Jaipur	Regional	Dr. A.C. Shivran, Dr. S,S, Rajput, Dr. Manohar Ram Dr. G.L. Kumawat
International Agribusiness Conclave on Production, Processing and Value Addition of Millets	Two Days	21.03.2023 to 22.03.2023	RARI, Durgapura (SKNAU) Jaipur, Rajasthan (India).	International	Mr. Sonu Jain
Pre-ZREAC	2 Days	23-24 August, 2022.	RARI, Durgapura, Jaipur	Regional	G L Kumawat

Participated as expert IPM in Farmers Fair	1 Day	16 th June 2023	(GRAM) held at JECC, Jaipur	State Level	Dr. Shailesh Godika
Brainstorming session on millet and health	1 Day	24 th Feb 2023	SKNABM, Jobner	Regional	Dr. Shailesh Godika
ZREAC	2 Days	29-30 August, 2022	RARI, Durgapura, Jaipur	Regional	G L Kumawat
IP Awareness / Training program under “National Intellectual Property Awareness Mission	1 Day	August 05, 2022	Intellectual Property Office, India.	National	Dr. Shashi Kant Goyal
National Webinar on “Quit India Movement to Food Secured India”	1 Day	08th August, 2022	IDP-NAHEP& MPUA&T, Udaipur	National	Dr. Shashi Kant Goyal
Global Symposium on “Soils for Nutrition”.	4 days	26-29 July, 2022	Food and Agriculture Organization of the United Nations, Rome, Italy	International(Online mode)	Chiranjeev Kumawat
Participated in international agribusiness conclave on production, processing and value addition of millets.		March 21-22, 2023	SKNAU, Jobner	International	Chiranjeev Kumawat
Participated in international agribusiness conclave on production, processing and value addition of millets.		March 21-22, 2023	SKNAU, Jobner	International	Dr. K. K. Sharma



International training attended Under NAHEP-IDP at Arid Land Research Centre ,Tottori, Japan

XIX. Activities conducted during the year (Organization of seminar/ symposium/ conference/ workshop etc)

Department/Unit	Activity	Title	Dates	No. of participants	Details
PBG, SKN COA, Jobner	One month Vocational Course	Seed Production Technology	30.01.2023 to 01.03.2023	28	One month Vocational Course organized by Department of Plant Breeding and Genetics under NAHEP, SKN AU, Jobner
PBG, SKN COA, Jobner	Two days district level seminar	उन्नत प्रौद्योगिकियों के माध्यम से बीजीय मसाला फसलों की उत्पादन क्षमता में वृद्धि करना	14-15 Feb., 2023	119	Two days district level seminar was organized by Department of Plant Breeding and Genetics with collaboration with Directorate of Arecanut and Spices Development under MIDH

Agronomy	Winter school	Natural Farming- Agroecological Approaches under Rainfed Production System	08-28 December, 2022	25	Participants from different Ag. Universities and ICAR institutes
Entomology, IDP-NAHEP, SKNAU, Jobner	Ten days Entrepreneurship Development short course training have been organized from under the aegis of IDP-NAHEP, SKNAU, Jobner	Entrepreneurship in Bee Keeping	01.02.2023 to 10.02.2023	20	by Dr. Akhter Hussain as training coordinator.
Statistics, Mathematics & Computer Science	Training for PG students	One Week Induction Training on Data Analysis Using MS-Excel	23-30 May 2023	8 MSc Students	Training was imparted on different statistical tools and techniques available in MS Excel.
Department of Soil Science and Agricultural Chemistry	ICAR sponsored winter school	Advances in agricultural waste management for environmental safety, soil health management and energy production	21 days, 18 th Jan. to 7 th Feb., 2023	25	
Department of Soil Science and Agricultural Chemistry	Organized Awareness Programmes on the occasion of World Environment Day Celebration, 2023	“Waste to Wealth” Composting and Biogas Production for Environmental Safety, Energy Production and Soil Health Management	May 30 th to June 5 th , 2023	100	
Department of Soil Science and Agricultural Chemistry	Organized world soil day celebration	“Soils where food begins”	5 th December 2022	50	



NOHÉP

World Soil Day Celebration

Soils: Where Food Begins



**World
Soil Day
2022**



PATRON
Dr. Balraj Singh
Hon'ble Vice-Chancellor
SKNAU, Jaipur



**SOILS:
WHERE FOOD
BEGINS**



CHAIRMAN
Dr. A.K. Gupta
Dean and Faculty Chairman
SKNAU, Jaipur

Organizing secretary
Dr. S.K. Dadhich
Head
Deptt. of Soil Science & Agril. Chemistry
SKNCOA, Jaipur



Co-Organizing secretary
Dr. Rajhans Verma
Mr. Chiranjeev Kumatav
Dr. S.S. Sharma
Asst. Professors
Deptt. of Soil Science & Agril. Chemistry
SKNCOA, Jaipur

Organized by :
Department of Soil Science and Agricultural Chemistry
SKN College of Agriculture
SKN AGRICULTURAL UNIVERSITY, Jaipur (Raj.)



XX. Library facilities

S. No.	Particulars	Available nos. (as on 30.06.2022)	Available nos. 01.07.2023 (Nos.)	Total no.
1.	Books	54338	6	54344
2	Print Journals	34	-	34
3	Newspapers	10	-3	7
4	Magazines	18	18	
5	Government Publications (Reports)	2998	-	2998
6	Theses	2565	75	2640
7	CD ROM Database	121	-	121



Students Orientation Programme



Training of RFID system



Digital Book Transaction System



Main Reading Hall

XXI. List of research projects (ongoing and New sanctioned)

Name of projects	Source and amount of finance (Rs)	Duration/ period	Date of starting	Details/ achievements
Centre of Excellence on Applications of Artificial Intelligence in Agriculture (Department of Ag Engineering)	RKVY-32 Amount: Rs. 51.76 Lakhs	Three Years (2021-22 to 2023-24)	March, 2022	1. Utilization of drones for different applications in agriculture such as spraying and crop monitoring are being explored. 2. A laboratory for AI in Agriculture has been established 3. One farmers training was organized to disseminate drone technology
AICRP on Oilseeds (Taramira) (Department of PBG)	75 % ICAR Share	Since 1987	30.01.1987	Research on Mustard & Taramira
AICRP on Seed Spices (Department of PBG)	75% ICAR funding	Since 1975	12.04.1975	Research on Coriander, Cumin, Fennel, Fenugreek and Ajwain
PVT-142 (Department of PBG)	BASF India Ltd., Total amount Rs. 4.0 lac.	2021-22 to cont.,	2021-22 to cont.,	Evaluation of bioefficacy and phytotoxicity of Afidopyropene 50g/I DC against Aphids on cumin crop
“Characterization of Chickpea	DBT 1.25 lakh	5yr	23 November 2020	To screen chickpea

Germplasm Resource to Accelerate Genomics-assisted Crop Improvement”				accessions against dry root rot pathogen (<i>R. bataticola</i>).
PVT-142	BASF India Ltd., Total amount Rs. 4.0 lac.	2021-22 to cont.,	2021-22 to cont.,	Evaluation of bioefficacy and phytotoxicity of Afidopyropene 50g/I DC against Aphids on cumin crop
Standardization and Characterization of Liquid Organic Formulations	RKVY Rs. 31.59 lacs	3 years	20-03-2021	-
Bio-efficacy and phytotoxicity of Afidopyropene 50g/DC against aphids on mustard crop	BASF India Ltd. Mumbai, 2.0 lakh	2 yrs.	08.10.2021	Report is to be submitted
Bio-efficacy evaluation of insecticide Gracia 10% EC (Fluxametamide 10 EC) of Rose.	Godrej Agrovet Pvt. Ltd. 2.0 lakh	2 yrs.	16.07.2022	laid out and is continued

XXII. Linkages and Networking with external agencies in Research/Extension/Teaching (With details)

S. No.	Particulars	Agency	Details
1.	MoU signed		
2.	Collaboration and Networking with :		
	International		
	National		
	Other Universities		
	Other organizations		

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XXIII . Revenue generation

Category	Revenue (Thousand Rs)
Through research projects (only institutional charges)	Rs. 51860.00 (Ag Engg.) Rs. 20000/- (Institutional Charges) for PVT trial for “Evaluation of bioefficacy and phytotoxicity of Afidopyropene 50 g/l DC against Aphids on Mustard crop” during <i>Rabi</i> 2022- 23. (PBG) Rs. 20000/- (Institutional Charges) PVT 142 (PBG)
Through consultancy (only institutional charges)	
Through sale of farm produce, seeds, biological kits, etc.	Through farm produce and seed (Rs. 18655/-) (PBG) 1500 READY Manuals X 150 = 2.25 Lakh 20000.00 (Ag. Engg) ₹ 1380/-collected from sale of manual (SMCS) Apx. Sum of Rs. 15000/- through practical manual selling (BioChemistry) KNT(Karan Narendra Trichoderma) 156kg @Rs 200 =Rs 31,200 (Pl. Patho) Rs 21, 88905 (Agronomy) Vermicompost/Vermiculture= 53330/- (SS&AC) Soil and water testing= 25960/- (SS&AC)
Through training (only institutional charges)	READY Students fee: 4000 X 73 =2.92 Lakh ₹ 4000/- as registration fees of training (SMCS)
Through commercialization of technology (royalty, licensing deals, one-time sale, etc.)	
Any other source	2896576.00(LPM)
TOTAL	

XXIV. Details of Farm/Instructional area/ Inventory

Farm/units	Total area (ha)	Under cultivation	Under research
Dairy farm	08	2.0	0.5

XXV. Animal assets

Details of animals	Number
Goat	119
Cows	59
Poultry	634

XXVI. Awards to staff

Name of award	Name of recipient	Purpose for which awarded
Awarded first poster prize in crop improvement theme in National Seminar cum 9 th Science Congress	Dr. G. K. Mittal, Assistant Professor, Biochemistry	Poster Presented in National Seminar cum 9 th Science Congress conducted by SKN Agriculture University, Jobner during 15-17 December, 2022.
Outstanding worker award by Hon'ble V.C., SKNAU, Jobner	Dr. Shailendra Singh, Asstt. Prof.	Recognition by Hon'ble V.C., SKNAU, Jobner
Best maintained "Golden Jubilee Forage Garden" award received from ICAR-IGFRI, Jhansi	Dr. Shailendra Singh, Asstt. Prof & Dr. M.L. Jakhar, the then Director Research, SKNAU, Jobner	For best maintenance of demonstrating and sustaining the various varieties of Hybrid Napier and perennial grasses at dairy farm of LPM
Young Scientist Award	Dr. Wandkar Sachin Vilas, Assistant Professor	For contribution in the field of Farm Machinery and Power Engineering
Best poster Award	Mrs. Pinki Sharma	Best poster Award on "Management of Purple blotch of garlic incited by <i>Alternaria porri</i> through noval combination of fungicides and insecticides" By National Conference Cum 9 th Rajasthan Science Congress (off line Mode) on "Harness Frontier Science and Technologies for Food, Nutrition, Health and Environmental Security" to be held at SKNAU, Jobner-Jaipur, Rajasthan, India during December, 15-17 2022.
First Award for Best Poster presentation	Dr. A.C. Shivran	Poster presentation in Rajasthan Science congress
Best Poster Presentation Award	Dr. S. S. Sharma	National Seminar cum 9th Science Congress(15-17, Dec.,2022) by SKNAU, Jobner
Best Poster Presentation Award	Chiranjeev Kumawat	National Seminar cum 9th Science Congress(15-17,

		Dec.,2022) by SKNAU, Jobner
Certificate of Reporteur	Dr. S. S. Sharma	National Seminar cum 9th Science Congress(15-17, Dec.,2022)
Certificate of Expert	Dr. S. S. Sharma	SIF-India International Science Festival(IISF) (21-24 January, 2023)
Young Scientist Award-2023 in National Conference on Millets: Magical Crops for Nutritional Sustainability	Dr. Prerna Dogra	Research
Fellow Member of the society of year 2022	Dr.Rajhans Verma	Fellow Member of the society of year 2022, Scholars Academic and Scientific Society

XXVII. Publications by staff members

Category	Number	
	Staff	Students
Research articles in international journals	31	12
Research articles in national journals	63	24
Books	4	
Book chapters	24	1
Peer-reviewed research reports		
Manuals		
Conference/seminar/symposium papers	11	
Reports		
Popular articles / Review papers / Extension bulletins	31	01
e-publications / open access articles		
Databases		
Others (specify) Folder	1	
TOTAL		

Note: Please attach details of Publications strictly in the format given below

Research articles in international journals

1. Ahmad S., Jakhar, M.L., Punia, S.S., Ram, M., Rajput, S.S., Kumari, V., Meena, M.K., Kunwar, R., Kumhar, B.L. and Kumawat, G.L. (2022). Relative efficacy of different culture media for *in-vitro* regeneration of *Aloe vera*. AMA, 53 (06): 8411-8419 (NAAS Rating: 6.14).
2. Ahmad, S., Jakhar, M.L., Gothwal, D.K., Punia, S.S., Rajput, S.S., Kumari, V., Meena, M.K., Kunwar, R., Kumhar, B.L., and Kumawat, G.L. (2023). Effect of activated charcoal and polyvinylpyrrolidone on micropropagation of *Aloe vera*.

3. Ahmed, Sarfraz, Belwal, Vikas, Punia, S.S., Ram, Manohar, Dalip, Rajput, S.S., Kunwar, Ram, Meena, M.K. Gupta, Deepak, Kumawat, G.L. Hussain, Touseef and Mohammad, Heba I. (2022). Role of Plant Secondary Metabolites and Phytohormones in Drought Tolerance: A Review. *Gesunde Pflanzen*. <https://doi.org/10.1007/s10343-022-00795-z> (Published: 07 December, 2022). Impact factor: 2.08.(NAAS Rating: >8.0)
4. Gupta, D., Muralia, S., Gupta, N.K., Gupta, S., Jakhar, M.L. and Sandhu, J.S. (2023). Genetic Diversity and Principal Component Analysis in Mungbean [*Vigna radiata* (L.) Wilczek] under Rainfed Condition. *Legume Research*. 46(3): 265-272.
5. Kumawat, C., Kumar, A., Parshad, J., Sharma, S. S., Patra, A., Dogra, P., Yadav, G. K., Dadhich, S. K., Verma, R. and Kumawat, G. L. (2022). Microbial Diversity and Adaptation under Salt-Affected Soils: A Review. *Sustainability*, 14 (9280) : 1-24. (NAAS rating: 9.25)
6. Kunwar, Ram, Maloo, S.R., Meena, M.K., Punia, S.S., Kumari, Varsha, Manohar, Ram, Gupta, Deepak, Kumhar, B.L., Kumawat, G.L. and Bishon, Prashant (2023). Diversity in Lentil (*Lens culinaris* M.) based over molecular markers. *AMA*, 53 (54): 13835- 13852 (NAAS Rating: 6.14).
7. Shivran, A.C., Dudwal, B. L., Mittal, G. K., Kumawat, G.L., Ram, Manohar and Mandeewal, R. L. (2023). Effect of irrigation management on growth, yield, water use efficiency and economics of fennel (*Foeniculum vulgare* Mill). *Agricultural mechanization in Asia*. 54(3): 12467-12475. (NAAS rating: 6.14).
8. Yadav, G.L., Rajput, S.S., Gothwal, D.K. and Jakhar, M.L. 2023. Genetic variability, character association and path analysis for pod yield and its component characters in groundnut (*Arachis hypogaea* (L.)). *Legume Research*, 46(6) : 678-683.
9. Sharma, S.K., Sharma, D.P and Gaur, K. (2023). Crop Yield Predictions and Recommendations using Random Forest Regression in 3A Agroclimatic Zone, Rajasthan, Shu Ju Cai Ji Yu Chu Li/Journal of Data Acquisition and Processing, 38(2), 1635-1651. (Scopus Indexed)
10. Subhash Alha, Ishfaq Ahmad Mallah, and Pratibha Manohar (2022) “On Reaction-Diffusion Equation with Generalized Composite Fractional Derivative”, *European Journal of Mathematics and Statistics* 3(6), 21-26. DOI: <http://dx.doi.org/10.24018/ejmath.2022.3.6.163>.
11. Kumar, S., Rathore, N.K., Prajapati, M. and Sharma, S.K., SF-GoeR: an emergency information dissemination routing in flying Ad-hoc network to support healthcare monitoring. *J Ambient Intell Human Comput* (2022). <https://doi.org/10.1007/s12652-022-04434-3> (Springer Nature – Scopus, SCIE, IF 3.662)

12. N. Prakash, Sangram Patil, Bhagatsing Jitkar and Suresh Kumar Sharma, “An innovation development to eliminate the red eye effects in visual image processing using color scheme deep learning model”, ICTACT Journal on Image and Video Processing, 2022, Volume: 13, Issue: 01 (UGC-CARE)
13. Puja Gupta, Sudesh Kumar, Youddha Beer Singh, Pawan Singh, Suresh Kumar Sharma, Neeraj Kumar Rathore. The Impact of Artificial Intelligence on Renewable Energy Systems. NeuroQuantology | December 2022 | Volume 20 | Issue 16|Page 5012-5029 | doi: 10.48047/NQ.2022.20.16.NQ880509 (Scopus)
14. Bommy, M., Jhansi Rani, P., Abraham V, T. J., Chhabra, G., Sharma, S. K., & Jayanthi Kannan, M. (2022). SURVEY ON CYBER SECURITY THROUGH WATERMARKING AND DEEP LEARNING TECHNIQUES. European Journal of Molecular & Clinical Medicine, 9(7), 8546–8555
15. Thippeswamy, G., Jayadurga, R., & Sharma, S. K. (2023). AI based Machine Learning Algorithm in VLSI Technology Application. ICTACT Journal on Microelectronics, 8(4), 1462-1465. doi:10.21917/ijme.2023.0252
16. Aparajita Dixit, Durga Prasad Sharma and Suresh Kumar Sharma (2023). Technological Support Framework for Indian Small and Medium Scale Enterprises Over Clouds. Journal of Data Acquisition and Processing, 38(1), 1117-1135. DOI: 10.5281/zenodo.7710520 (Scopus)
17. Dhayal, R., Chandrawat, B.S., Choudhary, K., Mittal, G.K., Gurjar, H., Bishnoi, S.P. and Sharma, R. L. (2022). Response of botanicals and enzymes activities as a defense mechanism against root-knot nematode, *Meloidogyne javanica* in tomato. Agriculture Mechanization in Asia, Africa and Latin America. 53 (09): 9753-9766. (NAAS: 6.39).
18. Suman, J., Shekhawat, P. S., Jain, S. and Verma, D. K. (2022). Growth, Instability and Competitiveness in Exports of Sugar and Cotton from India. *Economic Affairs*, 67(2):01-06. (NAAS: 5.08).
19. Kumawat, S., Poonam, Jain, S., Nitharwal, M., Jatav, H.S., Chandra, K., Khan, M.A., Attar and Dhaka, S. (2022). Insight into organic farming: An Intuition towards a healthy nation. *The Pharma Innovation*, 11(6):963-971. (NAAS: 5.23).
20. Madhusudan, G. S. and Jain, S. (2022). ckSf)d laink vfèdkjksa esaHkkjrh; fLFkfr dk ,d vè;;u *Journal of Emerging Technologies and Innovative Research (JETIR)*.
21. Suman, J., Shekhawat, P.S., Jain, S. and Verma, D.K. (2023). Performance of Growth, Instability and Comparative Advantage in Export of Fruits and Vegetables from India. *Agro Economist-An international Journal*, 9(04):01-07. (NAAS:4.58).
22. Kameeria, R.R., Shekhawat, P. S., Jain, S., Sharma, M. K. and Kharkwal, S. (2022). Analysis of Growth Trends of Isabgol in Rajasthan-An Overview. *Economic Affairs*, 67(2):111-115.(NAAS:5.08)
23. Choudhary, P., Kharkwal, S., Shekhawat, P.S. and Jain, S., (2023). Resource Use Efficiency of Fennel Cultivation in Rajasthan: An Economic Analysis. *Economic Affairs*, 19(2): 474-479. (NAAS: 5.08)

24. Kharkwal, S., Malhotra, R., Bhinchhar, B.K., Shekhawat, P.S., Acharya, K.K., Ratika, K. (2022). Livelihood Diversification in Uttarakhand Hills: Patterns and Determinants. *Agricultural Mechanization in Asia, Africa and Latin America*, 53(07):9195-9204. (NAAS: 6.29)
25. Suman, J., Shekhawat, P. S., and Verma, D. K. (2022). Growth, Instability and Competitiveness in Exports of Tobacco from India. *International Journal of Agricultural Sciences*, 53(07):9195-9204. (NAAS: 4.73).
26. Suman, J., Shekhawat, P. S., Kharkwal, S., and Verma, D. K. (2022). Performance of Growth, Instability and Competitive Advantage in Export of Fruits and Vegetables from India. *Agro Economist- An International Journal*, 09(04):01-07. (NAAS: 4.58)
27. Amarnath Dabaria, Varsha Kumari, S.S. Rajput, Priyanka Kumawat, Ram Kunwar, D.K. Gothwal, Bhuri Singh, R.P. Ghasoliya, D.K. Jajoria, A. Nehra and P. Kumari. 2022. Genotype \times Environment Interaction for Yield and Yield Determining Traits in Green Gram (*Vignaradiata* (L.) Wilczek). *Biological Forum-An International Journal* 14(4): 71-75 (NAAS rating- 5.11).
28. Anupriya, Nitin Chawla, M. K. Ghasolia, Prahlad, R. K. Bagri, Shailesh Godika, R. P. Ghasolia (2022) Management of Dry Root Rot of Mungbean Caused by *Macrophomina phaseolina* through Organic Amendments, Plant Extracts & Bio agents. *Legume Research-An International Journal* doi: 10.18805/LR-4909 NAAS Rating: 6.59
29. Choudhary, Kavita, Bishnoi, S.P., Dhayal, Raju, Chandrawat, B.S., Mittal, G.K., and Gurjar, Hemraj (2023). Defense response in brinjal plants treated with oil-cakes against root-knot nematode, *Meloidogyne javanica*. *Agricultural Mechanization in Asia, Africa and Latin America*. 54 (04): 12875-12887. (NASS Rating-6.29)
30. Choudhary, L., Dudwal, B.L., Reema, Mandeewal, R.L., Baldaniya J.Z., and Dudwal, S.K. 2022. Impact of Nutrient Omission on Growth, Yield and Quality of Sesame (*Sesamum indicum* L.). *International Journal of Agriculture Sciences* 14(12):12136-12138. (NAAS rating-4.58).
31. Choudhary, M., Shivran, A.C., Kakraliya, M., Choudhary, S. and Doodhwal, K. (2022). Dry matter accumulation and growth indices of fennel (*Foeniculum vulgare* Mill.) as affected by different weed management practices and plant geometry. *International Journal of Plant & Soil Science* 34(1): 71-79.
32. Choudhary, S., Shivran, A.C., Dudwal, B.L., Choudhary, M., Jakhar, R. and Daroga, S.P. (2022). Effect of Nitrogen and Plant Growth Regulators on Nutrient Concentration and Uptake of Ajwain (*Trachyspermum ammi* L. Sprague). *International Journal of Plant & Soil Science* 34(12): 73-77. (NAAS rating-5.07)
33. Choudhary, S., Yadav, L.R., Shivran, A.C., Choudhary, M., Bana, R.C., Babu Lal and Daroga, S.P. (2022). Effect of moisture conservation practices on growth and yield of pearl millet [*Pennisetum glaucum* (L.) R. Br. emend Stuntz] Hybrids. *Legume Research-An International Journal*, 45(8): 1000-1004. (NAAS Rating-6.67)

34. Deepak Gupta , Suresh Muralia , N.K. Gupta , Sunita Gupta , M.L. Jakhar , J.S. Sandhu (2023) Genetic Diversity and Principal Component Analysis in Mungbean [*Vigna radiata* (L.) Wilczek] under Rainfed Condition., *Legume Research - An International Journal* 46:265-272 NAAS Score 6.67
35. Dhayal, Raju, Chandrawat, B.S., Choudhary, Kavita, Mittal, G.K., Gurjar, Hemraj, Bishnoi ,S.P. and Sharma, Ratan Lal (2022). Response of botanicals and enzymes activities as a defense mechanism against root-knot nematode, *Meloidogyne javanica* in tomato. *Agricultural Mechanization in Asia, Africa and Latin America*. 53 (09): 9753-9766. (NAAS Rating: 6.14)
36. DL Bagdi, S Gupta, DK Bagdi, Rajesh Kumar Singhal, NK Gupta (2022) .Photosynthesis, Membrane Stability and Proline Metabolism Enzyme Activity as Potential Indicators for Salt Tolerance in Wheat. *Russian J. of Plant Physiology* 69:4-17 NAAS score 6.62
37. Dudwal, B.L., Das, T.K. and Dudwal, S.K. 2023. Yield and Nutrient Uptake Influenced by Tillage Crop Establishment and Residue Management in Rice-Wheat Cropping System. *International Journal of Economic Plants* 10(1):006-011. .(NAAS rating-4.37)
38. Krishna Kanwar and S.S. Yadav 2023. Impact of Weed Management Practices and Phosphorus Levels on Nutrient Uptake and Quality of Clusterbean (*Cyamopsistetragonoloba* L.) *International Journal of Plant & Soil Science* Volume 35, Issue 13, Page 254-261, 2023; Article no. IJPSS.99964 ISSN: 2320-7035. NAAS rating – 5.07
39. Krishna Kanwar and S.S. Yadav 2023. Weed Management in Clusterbean under the Application of Different Agrochemicals and Phosphorus Levels. *International Journal of Environment and Climate Change* Volume 13, Issue 8, Page 537-543, Article no. IJECC. 99963 ISSN: 2581-8627. NAAS rating – 5.13
40. Kumawat, G.L., Shivran, A.C., Kunwar, Ram, Punia, S.S. and Singh, Jitendra (2022). Screening of cumin (*Cuminum cyminum* L.) germplasm to blight and wilt diseases caused by *Alternaria burnsii* and *Fusarium oxysporium* f. sp. *Cumini*. *Biological forum- An International Journal* 14(1): 1412-1415.
41. Paliwal,R., Gupta Sunita., Vivek Kumar.,Mukherjee ,S. .(2022).Effect of integrated nutrient management on growth and quality of guava (*Psidium guajava* L. *International Journal of farm Sciences*, 12:1-5 NAAS Score 4.29
42. Ranjana Meena, Shailesh Godika, Pinki Devi Yadav, Kewal Chand & Mateti Gayatri & Anuradha Jajoriya (2022) Management of Early blight of Tomato (*Solanum lycopersicum* Mill.) Incited by *Alternaria solani* through Micronutrients (in vitro & in vivo). *Biological Forum-An International Journal* 14 (2): 1016-1020
43. Yadav MR, Choudhary M, Singh J, Lal MK, Jha PK, Udawat P, Gupta NK, Rajput VD, Garg NK, Maheshwari C, Hasan M, Gupta S, Jatwa TK, Kumar R, Yadav AK, Prasad PVV (2022). Impacts, Tolerance and Adaptation of Heat Stress on Wheat

under Changing Climates. International Journal of Molecular Sciences. 23, 2838-73.
NAAS Score-11.92

Research articles in national journals

1. Kameriya, R.R., Shekhawat, P.S., Jain, S., Sharma, M.K. and Kharkwal, S. (2022). Analysis of Growth Trends of Isabgol in Rajasthan – An Overview, *Economic Affairs*, 67(2): 01-05. (NAAS Rating: 5.08)
2. Kumar, A., Singh, R.P., and Sharma, M.K. (2022). Population dynamics of shoot and fruit borer, *Earia vittella* (Fabricius) on okra, *Journal of Progressive Agriculture*, 13(1): 26-30. (NAAS Rating: 3.21)
3. Choudhary, N.K., Rathore, R., Sharma, M.K., Kumar, J., Serawat, R.J., and Jakhar M. (2022). Extent of Information Utilization Behaviour of Vegetable Growers Regarding Integrated Pest Management Practices, *Indian Journal of Extension Education*, 58(3): 1-5. (NAAS Rating: 5.95)
4. Sain, V., Singh, G., and Sharma, M. (2022). Measuring Price Forecasting for Market Information System in the Mustard Crop in Mahendergarh District of Haryana, *Frontiers in Crop Improvement*. 10 (Special Issue-II): 870-877. (NAAS Rating: 4.67)
5. Kuri, J., Yadav, J.P., Sharma, M.K. and Jakhar, M. (2023). An Application of Artificial Neural Network for Farmers' Perspective About Constraints in the Adoption of Recommended Practices of Taramira, *Journal of Community Mobilization and Sustainable Development*, 18(3): 365-373. (NAAS Rating: 5.67)
6. Sihag, P, Sharma, K C, Akhter, J. (2022) . Relationship Between Independent Variables and Adoption of Backyard Poultry Farming by the Beneficiaries in Jaipur district of Rajasthan. *Gujarat Journal of Extension Education*, 34(2): 21-24 (NAAS Rating 4.96)
7. Kayath,P., Datt, M., Kumar,L.,Chopra, G. and Teterwal, J. M.(2022) Effect of neem (Azadirachta indica) supplementation on performance and mortality rate of Kuroiler chicks. *The Pharma Innovation*.11(2):1821-1824.9 (NAAS rating:5.23)
8. Kayath,P., Datt, M., Kumar, L., Chopra, G. and Teterwal, J. M. (2022) Effect of neem (Azadirachta indica) supplementation on hematological parameter of Kuroiler chicks. *The Pharma Innovation*.11(2):1825-1829.(NAAS rating:5.23)
9. Bhateshwar, V. Rai, D. C. and Datt, M. (2022) Heat Stress Responses in Small Ruminants under Arid and Semi-arid Regions of Western India-A Review. *Agricultural Reviews*: DOI:10.18805/ag. R-2393
10. Teli, M., Chandrawat, B.S., Mittal, G..K., Gurjar, H., Bishnoi, S.P. and Kumawat, K. (2022). Effect of plant Age on development of root-knot nematode (M. Javanica) on coriander. *Annals of plant protection sciences*. 30 (2): 105-108. (NAAS: 4.11).
11. Kumawat, K., Goyal, S.K., Chandrawat, B.S., Mittal, G.K., Ghasolia, R.P., Teli, M., Kansotia, K. and Sharma, P. (2022) Interactive effect of *Meloidogyne javanica* and

- Fusarium solani* in causing root rot of fennel. *Annals of plant protection sciences*. 30 (2): 93-97. (NASS: 4.11).
12. Burdak, Anita, Prakash, Ved, Gothwal, D. K., Gupta, Deepak, Kunwar, R., Choudhary, Rekha and Vaishnav, Garima. 2022. To Study the effect of different Environments on some Quantitative Traits in Bread Wheat (*Triticum aestivum* L. em. Thell.). *Biological Forum – An International Journal*, 14(4): 108-111.
 13. Burdak, Anita, Prakash, Ved, Kakralya, B.L., Gupta, Deepak and Choudhary, Rekha. 2023. Heterotic Performance and Inbreeding Depression for Yield and Component Traits in Bread Wheat (*Triticum aestivum* L. em. Thell.). *International Journal of Environment and Climate Change*, 13(3) : 56-64
 14. Choudhary, Madhu, Singh, H., Gupta, D. and Madhu Yadav. 2023. Study of Heterosis for Grain Yield and its Contributing Traits in Bread Wheat (*Triticum aestivum* L.) under Normal and Late Sown conditions. *Biological Forum – An International Journal*, 15(2): 874-879.
 15. Choudhary, R., Jain, S.K., Jat, Seema, Ola, M.P., Burdak, A. and Gupta, Deepak. 2023. Estimation of Heterosis for Seed Yield and Yield Contributing Characters of Desi x Desi Crosses of Chickpea (*Cicer arietinum* L.) under Late Sown Condition. *International Journal of Environment and Climate Change*, 13(2) : 83-94.
 16. Choudhary, Rekha, Jain, S.K., Ola, M.P., Burdak, Anita and Gupta, Deepak. 2022. Assessment of Genetic Variability Parameters for Yield and Yield Components in Chickpea (*Cicer arietinum* L.) *Biological Forum – An International Journal*, 14(4): 150-153.
 17. Dabaria, A., Kumari, V., Kumawat, P., Rajput, S.S., Kunwar, R., Gupta, D., and Kumhar, B.L. (2022). Stability Analysis in Green gram (*Vigna radiata* (L.) Wilczek) for Agro-morphological traits. *International Journal of Tropical Agriculture*, 40 (1-2): 167-171. (NAAS Rating 3.94).
 18. Gupta, Deepak and Khandelwal, V. (2022). Principal component analysis for yield and its attributing characters of pearl millet (*Pennisetum glaucum* (L.) R.Br.). *Annals of Plant and Soil Research*. 24(3) : 408-414.
 19. Kumari, V., Kumawat, P., Rajput, S.S., Yeri, S., Gothwal, D.K., Choudhary, S., Kumhar, B.L., Kunwar, R. and Kumawat, G.L. (2023). Application of DNA-free CRISPR/Cas-mediated Genome Editing in Crops: A Review. *Agricultural Reviews*, 44(02): 191-198. (NAAS Rating: 4.63).
 20. Kumari, Varsha, Kumawat, Priyanka Rajput, S.S. and Yeri, Sharanbasappa. (2023). Application of DNA-free CRISPR/Cas-mediated Genome Editing in Crops: A Review *Agricultural Reviews* 44 (2): 191-198. 10.18805/ag. (NAAS Rating: 4.63).
 21. Kumawat, G., Jakhar, M.L., Singh, V., Gothwal, D.K. and Singh, J. 2023. Trait modelling for stress tolerance in Indian mustard : Evidenced from seedling stage. *Journal of Oilseed Brassica*, 14(1) : 20-24.

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23. Nehra, A., Gothwal, D.K., Yadav, R., Jakhar, M.L., Jeeterwal, R.C. and Kunwar, R. (2023). Gene action for morpho-biochemical traits of sesame (*Sesamum indicum*) in different environments. *Indian Journal of Agricultural Sciences*, 93(2) : 19-21. (NAAS Rating: 6.37).
24. Ola, M.P., Jain, S.K., Choudhary, R., Punia, S.S., Ram Manohar and Pant, N.C. 2023. Gene effects in desi x desi crosses of chickpea (*Cicer arietinum* L.) under timely and late sown condition. *Pharma Innovation*, 12(3) : 3098-3101. (NAAS Rating: 5.23)
25. Ola, M.P., Patel, M.K., Kumar, A., Ram, Manohar and Pant, N.C. 2023. Genetic variability for seed yield and its component characters in taramira (*Eruca sativa* Mill). *Pharma Innovation*, 12(3) : 3102-3105. (NAAS Rating: 5.23)
26. Yadav, Madhu, Prakash, Ved, Gupta, Deepak, Choudhary, Madhu, Get, Sonu, Choudhary, Khushwant B. and Sharma, S.K. 2022. Study of Heterosis and Combining Ability in Barley (*Hordeum vulgare* L.) under Normal and Limited Moisture Condition. *Environment and Ecology*, 40 (3) : 1857—1864. (NAAS Rating: 5.22)
27. Yadav, T.V., Meena, M.K., Kumari, V., Kunwar, R., Ram, M. and Gothwal, D.K. (2023). Current Breeding Approaches in Pearl Millet to Enhance the Nutritional Quality. *International Journal of Environment and Climate Change*. 13 (8): 638-648 (NAAS Rating: 5.13).
28. Suman, J., Shekhawat, P. S., Kharkwal, S., and Verma, D. K. (2022). Growth, Instability and Comparative Advantage in Export of Indian Rice. *International Journal of Social Sciences*, 11(04):01-06. (NAAS: 4.38)
29. Rajput, A.S., Sharma, L., Shekhawat, P. S., Pawariya, V. (2022). Estimation of Seasonal Surplus Labour in Agriculture in Different Agro Climatic Regions of Rajasthan. *Environment Conservation Journal*, 23(1&2): 55-64. (NAAS: 5.66)
30. Suman, J., and Shekhawat, P. S. (2022). Growth, Instability and Comparative Advantage in Export of Groundnut from India. *Economic Affairs*, 19(1):325-328. (NAAS: 5.08)
31. Bakshi S., Paswan, V.K., Yadav S.P., Bhinchhar B.K., Kharkwal S., Rose, A., Kanetkar, P., Kumar, V., Al-Zamani Z.A.S. and Bunkar, D.S. 2023. Comprehensive review on infant formula: nutritional and functional constituents, recent trends in processing and its impact on infants' gut microbiota. *Frontiers in Nutrition*. 01-27. DOI 10.3389/fnut.2023.1194679. (NAAS:12.50)
32. Khwairakpam, R., Kuotsu, N., Singh, R.J., Singh, M.K., Kharkwal, S., and Kuotsu V.S., 2023. Effect of Dietary incorporation of garlic (*Allium Sativum*) and turmeric (*Cucurma longa*) powder on growth performance and blood serum biochemical of

- starter and finisher growth phase of broilers. *The Pharma Innovation Journal*, 12(5):3279-3283. (NAAS: 5.23)
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2. Meena, M.K., Punia, S.S., Kunwar, Ram, Yadav, T. V. and Choudhary, S. (2022). Molecular markers and its role in crop improvement. In National Conference Cum 9th Rajasthan Science Congress on Harnessing Frontier Sciences and Technologies for Food, Nutrition, Health and Environmental Security during 15th-17th December 2022 at SKN Agriculture University, Jobner.
3. Saharan, Ankit, Shantanu, Kumhar, B.L. and Khod, Kapil (2023). Vegetables cultivation towards national food security. Souvenir/Abstract Book of NCMMCN 28-29 April, 2023 held at Jagannath University, Jaipur (Raj.)
4. Shivran, A.C. Kumawat, G.L., Dudwal B.L. and Mandeewal, R. L. (2022). Maximizing yields and economics of wheat [*Triticum aestivum* (L.) emend. Fiori & Paol.] by adopting drip irrigation systems in semi-arid conditions. In: Book of souvenir & abstracts: National conference cum 9th Rajasthan Science Congress on Harnessing Frontier Sciences and Technologies for Food, Nutrition, Health and Environmental Security, held at SKNAU, Jobner from 15-17 December, 2022., pp. 65.
5. Mittal, G.K. Inaniya, Rajendra Kumawat, G.L., Shivran, A.C., Singh, Bhuri and Saxena, S.N. (2022). Metabolomic studies during storage in coriander (*Coriandrum sativum* L.) genotypes. In: Book of souvenir & abstracts: National conference cum 9th Rajasthan Science Congress on Harnessing Frontier Sciences and Technologies for Food, Nutrition, Health and Environmental Security, held at SKNAU, Jobner from 15-17 December, 2022., pp.75.
6. Kumawat, G.L., Shivran, A.C., Punia, S.S., Kunwar, Ram, Rajput, S.S. and Mittal, G.K. (2022). Screening of fenugreek (*Trigonella foenum-graecum* L.) genotypes against downy mildew disease caused by *Peronospora trigonellae* Gaum. In: Book of souvenir & abstracts: National conference cum 9th Rajasthan Science Congress on Harnessing Frontier Sciences and Technologies for Food, Nutrition, Health and Environmental Security, held at SKNAU, Jobner from 15-17 December, 2022., pp. 127.

7. Meena, D.K., Singh, J., Kumawat, G.L., Ravi, Regar and Verma, V.K. (2022). Efficacy of fungicides against powdery mildew of pea incited by *Erysiphe polygoni* DC. In: Book of souvenir & abstracts: National conference cum 9th Rajasthan Science Congress on Harnessing Frontier Sciences and Technologies for Food, Nutrition, Health and Environmental Security, held at SKNAU, Jobner from 15-17 December, 2022., pp. 130.
8. Rachanashree B.R., Kumawat, G.L., Meena, A.K., Singh, J., Mittal, G.K., Shivran, A.C. and Punia, S.S. (2022). Screening of fenugreek genotypes against powdery mildew disease, *Erysiphe polygoni* DC. In: Book of souvenir & abstracts: National conference cum 9th Rajasthan Science Congress on Harnessing Frontier Sciences and Technologies for Food, Nutrition, Health and Environmental Security, held at SKNAU, Jobner from 15-17 December, 2022., pp. 132.
9. Teli, Manish, Chandrawat, B.S., Kumawat, G.L., Mittal, G.K., Gurjar, H., Bishnoi, S.P. and Kumawat, Kiran (2022). Effect of plant stage on development of root-knot nematode *Meloidogyne javanica* on coriander. In: Book of souvenir & abstracts: National conference cum 9th Rajasthan Science Congress on Harnessing Frontier Sciences and Technologies for Food, Nutrition, Health and Environmental Security, held at SKNAU, Jobner from 15-17 December, 2022., pp. 137.
10. Kumawat, Kiran Goyal, S.K., Ghasolia, R.P., Chandrawat, B.S., Kumawat, G.L., Dukat, Vikas, Kansotia, Kavita, Sharma, Pinki, Teli, Manish and Mittal, G.K. (2022). Screening of fennel varieties/germplasm against *Fusarium solani* and *Meloidogyne Javanica*. In: Book of souvenir & abstracts: National conference cum 9th Rajasthan Science Congress on Harnessing Frontier Sciences and Technologies for Food, Nutrition, Health and Environmental Security, held at SKNAU, Jobner from 15-17 December, 2022., pp. 139.
11. Kumar, A., Choudhary, S., Yvonne A. Lyngdoh, Kumawat, G.L., Baranwal, V.K., Jain, R. K., and Basavaraj (2022). Molecular detection of yellow virus with cumin and lettuce hosts: Emerging crinivirus and polerovirus in India, Oral presentation in IROCON 2022, organized by Virological Society. In: Book of souvenir & abstracts: IROCON 2022 organized by Indian Virology Society held at SKUAST, Kashmir from 05-06 November, 2022., pp. 72.

Popular articles / Review papers / Extension bulletins

1. Kumari, V. (2022). Blotting Techniques. *Agriculture & Food: E-Newsletter*, ISSN:2581-8317, 04 (10) : 168-170.
2. Kumari, V. (2022). Gene Cloning. *Agriculture & Food: E-Newsletter*, ISSN:2581-8317, 04 (10) : 171-173.
3. Kumari, V. (2023). Foxtail Millet: Nurturing Future through Biofortification. *Agriculture & Food: E-Newsletter*, ISSN:2581-8317, 05 (4) : 451-453.
4. Kumari, V. (2023). Molecular Farming. *Agriculture & Food: E-Newsletter*, ISSN:2581-8317, 05 (4) : 495-496.

5. Kumhar, B.L., Sharma, R.N., Jakhar, M.L. and Sharma, S.S. (2022). Adoption of Smart Agriculture, Precision Agriculture and Drones in Agriculture to Increase Farmers Income. *Agri Articles* ,02(03):432-435.
6. Sarita, Kumhar, B.L., Sunita and Anita (2022). Transpiration and Its Significance. *Agri Articles* ,02(03): 81-83.
- 7th प्रियंका कुमावत तथा वर्षा कुमारी (2022). मृदा सौलेरिकरण—खरपतवार कीट एवं रोगों के समेकित नियंत्रण का एक प्रभावी उपाय। *कृषक आराधना*, पेज 8
- 8th गिरधारीलाल कुमावत, अमरचंद शिवरण, सुमेर सिंह पुनिया, वर्षा कुमारी तथा रामकुंवर (2022). सौफ की उन्नत उत्पाद तकनीक। मसाला सुरभि पेज ३६
- 9th शारदा चौधरी, वर्षा कुमारी, रविन्द्र सिंह और अरविन्द कुमार वर्मा (2022) सुगन्धित बिजिय मसाला धनिया में जैव सक्रीय यौगिक और मानव स्वास्थ्य पर उनके प्रभाव मसाला सुरभि । पेज 99
10. अनिता, दीपक गुप्ता, अनिल कुमार एवं गोपी कृष्ण गौड़. फरवरी, 2023. ओरोबेंकी, सरसों की एक अनसुलझी समस्या एवं इसका प्रबन्धन। *जोबनेर कृषि*, 8 (2) : 6–7.
11. Shivran, A. C., Punia, S.S., Kumawat, G. L., Rajput, S.S., Kunwar, Ram, and Mittal, G.K.2022. Rajasthan me Dhaniya Beej Utapadan ka Vartman ParidrshyaavamBhavishya me Sambhavnayein (In Hindi). AICRP on Spices, SKN College of Agriculture (SKNAU), Jobner, Jaipur, Rajasthan. Publication no. SKNAU/2022/17. pp. 1-27.
12. Kiran Gaur, Suresh Kumar Sharma, Pratibha Manohar, Manoj Kumar Sharma and Girish Kumar Mittal “*Krishi shetra mein nayi kranti: Big Data*” Jobner Krishi, October 2022, Pg 2-3, published in Dec 2022.
13. Pratibha Manohar, Kiran Gaur, Suresh Kumar Sharma, Manoj Kumar Sharma and Girish Kumar Mittal “*Agribot-Krishi Chat-bot*” Jobner Krishi, Feb 2023, Pg 4-5.
14. Suresh Kumar Sharma, Kiran Gaur, Pratibha Manohar, Manoj Kumar Sharma, G.K. Mittal, “राजस्थान में मशीन लर्निंग का उपयोग कर फसल उपज में वृद्धि”, Jobner Krishi, April 2023, Pg 2-3.
15. Jain, S., Shekhawat, P.S. and Kumawat, P. (2022). Aadunik Yug mein Naveen Krishi Vinan Vyavsthae. *Krishi Bharti*, November, 2022.
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17. श्रीमती पिकी शर्मा ,आस्था शर्मा प्याज एवं लहसुन फसलमें रोगों एवं किटो का समन्वित प्रबंधन कृषिराज अप्रैल 2023.
18. आस्था शर्मा, श्रीमती पिकी शर्मा और डॉ. दीपक गुप्ता प्याज - लहसुन की भण्डारण के दौरान सुरक्षा हलधरटाइम्स अप्रैल 2023.
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20. श्रीमती पिकी शर्मा, आस्था शर्मा, डॉ. शैलेश गोदिका, डॉ. आर. पि. घासोलिया कद्दुवर्गीय सब्जियों के रोग एवं नियंत्रण जोबनेर कृषि अप्रैल 2023.
21. Kiran Kumawat, S.K. Goyal, Pinki Sharma and SushilaYadav (2023). Role of Bio Control Agents in Plant Disease Management. *Agriculture Magazine* 2 (8): 76-80.E-ISSN:2583-1755
22. Dr Jitendra Singh, Dr R.K. Bagri and Dr S.K.Goyal (2022) Soyabean fasal keet rog evam unki roktham HaritKranti
23. Dr Jitendra Singh, Dr R.K. Bagri, Dr R Paliwal and Dr S.K.Goyal (2022) Soyabean ki unnat utpadak takneek, Mein Hoon Kisan
24. Dr Jitendra Singh, Dr R.K.Bagri, Manisha Khichar and Sandeep (2022) Masoor ki unnat utpadak takneek, Harit Kranti.
25. Vijay Kumar, Dr Jitendra Singh and Dr R.K.Bagri, Manisha Khichar and Sandeep (2023) Jaiveek swasthya vardhak mota anaaj HaritKranti
26. Dr Jitendra Singh, Dr R.K.Bagri and SidharthPaliwal (2023) Bajra Swasth sehat ka asra Mein HoonKisan.
27. Kumawat, Kiran, Chandrawat, B.S., Ghasolia, Mahendra Kumar, Kasotia, Kavita and Sharma, Pinki (January, 2023). Sabji fasalon men jad-ganth sutrakrumi ka prabandhan. *Rajasthan Kheti*. PP 12-13
28. Kumawat Priyanka, Kumari Varsha and Kumar Pankaj. Mrida solarikaran-Kharpatwar, keet evam rogon ke samekit niyantran ka ek prabhavi upaay.(2022). *Krishak Aradhana*. July, pp -8.
29. Sarita, Shivran, A. C., Kumawat, S.M., Mandiwal, R.L., Khan, R. and Anita (2022). Samanvit krishi pranali aaj ki avaskyata. Agri-Expo Krishi Smarika, 2022. pp. 53-55.
30. Mahesh Jajoria, Indu Bala Sethi, Rajhans Verma, Gajendra Kumar Verma, Digvijay Dhama. (2022). Role of Remot Sensing In Agriculture. *Agriculture & Food. e-Newsletter*: 4 (02) 569
31. Mahesh Jajoria, Indu Bala Sethi, Gajendra Kumar Verma, Rajhans Verma. (2022) .Bio-organic Fertilization for Sustainable Farm Productivity and Soil Health. *Agriculture & Food: e-Newsletter February* : 4 (02) 573
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Folder: 01

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RADIO TALK: 05

1. रबी फसलों में बीजोपचार और कीट व्याधि प्रबंधन . AIR, जयपुर, खेती री बाता, 7.30 से 8.00 रात्रि , 18 नवम्बर 2022,
2. पादप स्वास्थ्य केंद्र - किसानों व वैज्ञानिकों का सेतु . AIR, जयपुर, खेती री बाता, 7.30 से 8.00 रात्रि , 11 फरवरी 2023.
3. रबी अनाज फसलों में सूत्रकृमी प्रबंधन कैसे करें 06th September, 2022
4. सब्जियों एवं फलदार पौधों में सूत्रकृमियों का समन्वित प्रबंधन कैसे करें 05th February, 2023
5. फलदार बगीचों की देखभाल 09th May, 2023

XXVIII. Visits of dignitaries

Dignitaries				Purpose of visit
Name	Designation	Place of Posting	Date and place of visit	
Dr. V.K. Phogat, and Dr. Vedricha	Retired Professor	CCSHAU, Hissar	08.05.2023 Department of Statistics, Mathematics & Computer Science	Visit of the department and AR/VR Experience Center and Computer lab.
Dr. Kamlesh Singh	Professor Psychology	IIT New Delhi	27.12.2022 Department of Statistics, Mathematics & Computer Science	To deliver Lecture on Human Value and Ethics
Dr. P. Ramasundaram	National Coordinator, IDP-NAHEP	IDP-NAHEP, ICAR, New Delhi	27.05.2023 Department of Statistics, Mathematics & Computer Science	Visit of Virtual Classrooms & Computer lab of the department and interaction with faculty and students.
Dr P. Ramasundaram	National Coordinator ICAR- IDP- NAHEP	ICAR, New Delhi	27-5-2023 Department of Biochemistry	Visit of Biochemistry Labs renovated under NAHEP
Dr. P.K. Rai	Director (DRMR), Bharatpur	DRMR, Bharatpur	06.01.2023 Department of PBG	Monitoring of different trials of taramira scheme on 06.01.2023
Dr. Vimal Kumar Pandey Yogendra Rathore	Manager (Agronomy) Regional Research Lead (Millets &	CORTEVA Agri Science, Jaipur	Department of PBG	Visited Orobanche trial, AICRP on Taramira

	Mustard)			
Dr. Mahak Singh Dr. B.L. Meena	Director Research, Scientist,	CSAUA&T, Kanpur DRMR, Sever, Bharatpur	Department of PBG	Monitoring of AICRP on Oilseeds (Taramira)
Dr. Rashmi Yadav	Principal Scientist	NBPGR, New Delhi	Department of PBG	Visited in CRP on Agro-biodiversity
Dr. Kartar Choudhary	Scientist	CAZRI, Jodhpur	Department of PBG	Visited in mustard trials
Dr. Ambika Gaikwad	Principal Scientist	NBPGR, New Delhi	Department of PBG	Visited in AICRP on Spices
Dr. Pritesh Kumari	Scientist,	NBPGR, New Delhi	Department of PBG	Visited the somatic hybrid trial
Dr.PPS Pannu	Additional Director Research	PAU, Ludhiana	Plant Pathology	Visited department to conduct Post thesis viva-voce and Farmer field
Dr. M.S. Saharan ,	Principle scientist, IARI, New Delhi	IARI, New Delhi	Plant Pathology	Visited to conduct Ph.D preliminary oral exam
Shri Sunda ram Verma,	Padamshree awardee progressive farmer	Sikar	Plant Pathology	Visited for collecting the report of Mustard germplasm against white rust disease. (Plant Pathology)
Shri Surendra Awana	Recipient of several state and ICAR awards, progressive farmer	Jaipur	Plant Pathology	Visited the department and discussed about availability of microbial consortium and other important point to organic farming
Prof. Balraj Singh	Hon'ble VC	SKNAU Jobner	Plant Pathology	
Dr. M.S.Yadav	Principle	NCIPM, New	Plant	Visited

	Scientist,	Delhi	Pathology	department to conduct Post thesis viva-voce
Dr Senthil Kumar	Principle Scientist	NIPBR, DBT, New Delhi		Delivered a lecture on chickpea dry root rot.
Dr. M.P. Sharma	Principle Scientist (Microbiology)	IISR, Indore	Plant Pathology	Interacted with PG students & visited the department
Dr. B.L Baheti	Professor, Nematology and DRI, MPUAT, Udaipur and Ex. Head Department of Nematology	RCA, Udaipur	Nematology	Comprehensive Oral Examination of M.Sc. Students
Dr. M.P. Sharma	Principal Scientist,	ICAR-IISR, Indore	Nematology	Comprehensive Oral Examination of M.Sc. Students
Dr. Madan Pal Singh	Emeritus Scientist, Plant physiology ICAR New Delhi	ICAR New Delhi	June 21, 2023 Plant physiology	
Dr. Bhupinder Singh	Principal Scientist, Plant physiology ICAR New Delhi	Centre of Environmental Sciences and Climate Resilient Agriculture ICAR New Delhi	June 28, 2023 Plant physiology	
Dr. M.M. Kumawat	Professor & Head (Entomology)	Agriculture University, Jodhpur	07.07.2022 Entomology	
Dr. P.C. Jain	Professor (Entomology) & Former Dean and faculty chairmam,	SKNCOA, Jobner	14.07.2022 Entomology	
Dr. Rishi Kumar	Principal Scientist	Central Institute for Cotton Research, Regional Station, Sirsa (Haryana)	17.08.2022	
Prof. J.P.	Vice-chancellor,	SKNAU, Jobner	29.09.2022	

Yadav, Hon'ble Vice-chancellor, along with Dean's and Directors's				
Dr. P.C. Jain,	Professor (Entomology) & Former Dean and faculty chairmam,	SKNCOA, Jobner	15.10.2022 Entomology	
Dr. Mukesh Dhillon	Principal Scientist	Division of Entomology, IARI, New Delhi	26.11.2022 Entomology	
Dr. A.S. Tomar,	Vice President,	Dhanuka Agritech Limited, New Delhi	01.12.2022 Entomology	
Dr. B.L. Jat	Director Extension,	SKNAU, Jobner	01.12.2022 Entomology	
Dr. Ajit Kumar Karnataka, , Hon'ble Vice-chancellor.	Hon'ble Vice-chancellor,	MPUAT, Udaipur	07.02.2023 Entomology	
Dr. Balraj Singh,	Hon'ble Vice-chancellor,	SKNAU, Jobner	07.02.2023 Entomology	
DR. B.L. Jat,	Dean & Faculty Chairmen,	SKNCOA, Jobner	07.02.2023 Entomology	
Dr. D.B. Ahuja	Former Director	NCIPM, New Delhi	09.03.2023	
Dr. Ramji Lal Khandelwal	Emeritus Professor of Biochemistry	University of Saakathewan, Canada	21.03.2023	
Mr. K.C. Khandelwal	Ex- Director	Akshay Urja Nigam, Rajasthan	21.03.2023	
Dr. Shailesh Marker	Professor (PBG) & Director Research	SHUATS, Prayagraj (UP)	13.04.2023	
Ms. Priti Matthu	A.En.,	Watershed Department, Sambhar	03.05.2023	
Dr. Vipin Choudhary,	Network Coordinator	AINP on Vertebrate Pest Management, CAZRI , Jodhpur	21.06.2023	
Dr. Shiv Ram	Ex- Professor		24.06.2023	

Singh Dange,	Plant Pathology			
Dr. R. K. Samoriya	Dean	College of Agriculture, Kisangadhas, Alwar	04.08.2022 visited to Department of Soil Science and Agricultural Chemistry	Interacted with P.G. students
Dr. J. P. Yadav	Honble Vice-Chancellor	SKNAU, Jobner	30.09.2022, Department of Soil Science and Agricultural Chemistry	Interacted with faculty
Dr. R. A. Singhaniya	former Dean	SKN College of Agriculture, Jobner	01.09.2022, Department of Soil Science and Agricultural Chemistry and Biogas plant unit	Interacted with P.G. students and faculty.
Dr. Ravindra Kour	Retd. Principal Scientist	Water Technology Centre, Indian Agriculture Research Institute, New Delhi	18.10.2022, Department of Soil Science and Agricultural Chemistry	Interacted with P.G. students and faculty.
Dr. S.R. Meena,	Scientist,	MNRE, New Delhi	27.01.2023	Delivered 2 lectures in winter school
Dr .Mahendra Sevda,	Head, REE,	CAU, Gangtok	28.01.2023	Delivered a lecture in winter school
Dr. Surender Singh,	Head, Microbiology,	Central University, Mahendragadh, Haryana.	30.01.2023	Delivered 2 lectures in winter school
Dr.S.S. Sooch,	Professor,	PAU, Ludhiana	01/02/2023 & 02/02/2023	Delivered 2 lectures in winter school



Dr. Kamlesh Singh, Professor IIT, New Delhi visited the department of Statistics, Mathematics & Computer Science and delivered lecture on Human Value and Ethics



Dr P. Ramasundaram, National Coordinator ICAR- IDP-NAHEP and PI, NAHEP with their Team visited at UG and PG Lab, Biochemistry.



Dr. P. Ramasundaram, National Coordinator, ICAR- IDP-NAHEP and PI, NAHEP with their Team visited at UG and PG Lab, Biochemistry.



Dr V K Phogat, Retired Professor, CCSHAU, Hisar and Dr Vedricha visited the AR/VR Center and Computer lab



Dr. Ravinder Kour, Retd. Principal Scientist, Water Technology Center, Indian Agriculture Research Institute, New Delhi visited the Department of Soil Science and Agricultural Chemistry

XIX. Facilities updated during the year (Virtual & smart class room/ seminar or conference hall /laboratories & equipment/ EL Unit/water harvesting structure/ major farm machinery/ implements/sports facilities/ farm development/ seed processing unit etc):

S.No.	Facilities	Details
1.	AR/VR Experience Center Established in the Department of Statistics, Mathematics & Computer Science	This AR/VR Centre is a facility that has been established to promote agricultural research, innovation and development in the field of Virtual Reality. The center is equipped with advanced equipments provided by ICAR under NAHEP Component 2 with vision to enable researchers, students and farmers to develop and test new applications and software in the field of AR/VR. This center was inaugurated by Hon'ble VC Sir on 26.04.2023.



Inauguration of AR/VR Experience Center by Hon'ble Vice Chancellor

XXX. Important meetings held

Meeting Agenda	Date	Level of participation	No. of participants
Improvement in the future research programme of M.Sc. (Ag.) and Ph.D. Entomology thesis .	01.12.2022 at Department of Entomology, SKN College of Agriculture, Jobner	Dr. A.S. Tomar, Vice President, Dhanuka Agritech Limited, New Delhi along with Dr. B.L. Jat, Director Extension in the gracious presence of Dr. Balraj Singh, Hon'ble Vice-chancellor, SKNAU, Jobner meeting with PG scholars and Entomology Faculty (advisory committee of the students)	20
Improvement in the future research programme of M.Sc. (Ag.) and Ph.D. Entomology thesis through review the observation taken during research work .	24.01.2023 at Department of Entomology, SKN College of Agriculture, Jobner	Dr. B.L. Jat, Dean, SKN College of Agriculture, Jobner	20
To allot the advisory committee of the M.Sc. (Ag.) and Ph.D. Entomology students and regarding distribution of	23.02.2023 at Department of Entomology, SKN College of Agriculture, Jobner	Dr. B.L. Jat, Dean, SKN College of Agriculture, Jobner	7

courses			

XXXI. Any other activities

Name of activity	Duration	Details

XXXII. Significant achievements (promotion/ award/ good job etc.) of alumni of the college/ unit (if any information is available)

XXXIII. Accomplishments

A. Research:

i. Varieties developed/released

A germplasm of IC335971 of wheat (INGR22070) developed by the team (VP Agrawal, NK Gupta, Sunita Gupta, PC Gupta and Govind Singh), SK Rajasthan Agricultural University, Bikaner has been registered by Plant Germplasm Registration Committee (PGRC) of Indian Council of Agricultural Research on July 08, 2022.



ii. Technologies developed or included in POP

B. Extension:

i. Organization of Trainings

Two days training was organized by the department of Ag. Engineering, SKNCOA on “Applications of Drones in Agriculture” for the youth farmer from 21st to 22nd March, 2023.



ii. Organization of Kishan Mela

XXXIV. Seed production

A. Breeder seed production during rabi 2022-23

Crop	Variety	Area (ha)	Production (q)
Taramira	RTM-1351	1.0	1.55
Taramira	RTM-1355	2.0	3.70
Barley	RD-2035	2.5	30.50

B. Breeder seed production during *kharif* 2022

Crop	Variety	Area (ha)	Production (q)
Cowpea	CPD-119	1.44	1.07
Cowpea	RC-19	1.0	2.05
Urd	KU-3	1.18	1.00

C. TFL/Foundation/ Certified seed production of rabi 2022-23

Crop	Variety	Area (ha)	Yield (q)
Taramira	RTM-1351	-	4.10
Barley	RD-2794	1.5	18.50
Barley	RD-2907	3.0	104.1
Mustard	Giriraj	1.65	6.95

D. TFL seed production of *kharif* 2022

Crop	Variety	Area (ha)	Total production (q)
Moong	RMG-492		1.75
Clusterbean	RGC 1033	9.98	19.0
Clusterbean	RGC 1038	11.5	11.95
Okra	Pusa bhindi-5		0.48

XXXV. Any other information

1. Directorate General Civil Aviation (DGCA) approved Remote Pilot Training Organisation (RPTO) has been started in the Department of Agricultural Engineering, SKNCOA, SKNAU, Jobner from 11th May, 2023. This is the first RPTO in the Rajasthan State. The mission of the RPTO is to impart Remote Pilot Training to any individual seeking for a Cat-1 [VLOS] Remote Pilot Certificate.

XXXVI. Budget (Rs. in lacs)

a) Total college/unit budget---SKN College of Agriculture, Jobner (FY 2022-23)

Details	Outlay (Rs.in lacs)	% of the university budget	Income generated, if any		Expenditure (Rs. in lacs)
			Activity	Income (Rs. in lacs)	
Non-plan	2334.05				
State plan	-				
ICAR	284.24				

Other agencies (self finance)	346.37				
Total	2964.66				

b) Head-wise statement of expenditure (Rs.in lacs)

Head	Non-plan	State plan	ICAR	Other (Self)	Total
Governance (salary)	2223.8				
Education					
Medical	3.04				
Research					
Extension					
Library					
Students activities					
Civil					
Other(TA)	3.09				
Total					

c) Statement of head-wise budget allocation (Rs. in lacs)

Head	Salary	Medical	T.A.	Recurring	Non-rec.	Civil	Total
Non-plan	2198.94	3.04	4.5	99.50	18.07	10.00	2334.05
State plan	-	-	-	-	-	-	-
ICAR	250.74	-	1.75	31.75	-	-	284.24
Other agencies (self finance)	-	-	-	245.05	86.36	14.96	346.37
Total	2449.68	3.04	6.25	376.30	104.43	24.96	2964.66
Percentage							

Note: Good quality photographs (jpg file) with captions may also be provided in support of the information wherever necessary, please.

Signature
(Dean/ Director/ Others)