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About KVK, Navsari

Krishi Vigyan Kendra (KVK), Navsari, functioning under **Navsari Agricultural University** (NAU), was established on **18 March 2006** and has jurisdiction over Navsari district of Gujarat. The district falls under the South Gujarat Heavy Rainfall Zone and comes under **ATARI, Pune – Zone III**. The area receives an annual rainfall of more than 2500 mm. The soils are predominantly deep black, with patches of coastal alluvial, laterite, and medium black soils. Soil fertility status indicates low nitrogen, medium phosphorus, and high potash, with most of the land under cultivation.

KVK Navsari has adopted **18 villages** and extends its extension activities to **127 additional villages**, covering a total of **144 villages** through convergence-based approaches. The KVK actively coordinates with **426 farmer groups**, involving **842 group leaders**, including **172 farm women groups**, ensuring inclusive participation and effective technology dissemination.

During the year 2025, KVK Navsari produced **79.1 quintals** of certified paddy seed (GR-17). Other rice varieties such as GNR-6, GNR-7, GNR-8, GNR-9, GR-15, GR-19, GR-20, GR-23, GR-25 and GRH-2 were introduced and promoted among the farmers. About 100 farmers adopted the hybrid paddy variety, while the older variety GNR-3 was replaced with GR-17 to enhance productivity.

A significant impact was observed through Front Line Demonstrations (FLDs), 33 different technologies were demonstrated over an area of 319.3 ha, benefiting 2477 farmers. The KVK conducts more than 28 types of extension activities annually across agriculture and allied sectors.

During the year 2025, 625 extension programmes were organized, covering 31,315 farmers, who became aware of and benefited from KVK interventions. Overall, KVK Navsari continues to play a pivotal role in technology dissemination, capacity building and promotion of sustainable agricultural practices in the Navsari district.

To enhance effectiveness of KVK, The Scientific Advisory Committee (SAC) meeting of Krishi Vigyan Kendra, Navsari was organized on 8th January 2026 to review KVK performance and provide strategic guidance for strengthening extension and research activities.

SCIENTIFIC ADVISORY COMITTEE
OF KRISHI VIGYAN KENDRA, NAVSARI

Sr. No	Name	Designation	Committee status
1	Dr. T. R. Ahlawat	Hon. Vice-Chancellor, NAU, Navsari.	Chairperson
2	Dr. H. R. Sharma	Directorate of Extension Education, N.A.U., Navsari.	Member
3	Dr. S. K. Roy	Director, ICAR- ATARI, Zone-VIII, College of Agriculture Campus, Pune	Member
4	Dr. T. R. Ahlawat	Directorate of Research, N.A.U., Navsari.	Member
5	Dr. V. R. Naik	Assistant Director Research, NAU, Navsari	Member
6	Dr. Minal Tandel	Principal, College of forestry, NAU, Navsari	Member
7	Dr. Alka Singh	Principal, ASPEE College, NAU, Navsari	Member
8	Dr. D. B. Bhoi	Scientist (LRS), NAU, Navsari	Member
9	Dr. K. H. Vadher (I/C)	Principal, College of Fisheries Science, NAU, Navsari	Member
10	Dr. Atul Gajera	District Agriculture Officer, Dist. Navsari	Member
11	Mr. Kendre Narsing	Assistant General Manager, NABARD, Navsari	Member
12	Dr. Dineshbhai Padaliya	Deputy Director of Horticulture, Dist. Navsari	Member
13	Mr. Uttam Patel	Exe. Eng. (Drainage), Ambika Division, Navsari	Member
14	Dr. M.C. Patel	Deputy Director of Animal Husbandry, Navsari	Member
15	Shri Satish Dhimar	PD, ATMA, Navsari	Member
16	Ku. B. R. Patel	Assistant Director of Fisheries, Dist. Navsari	Member
17	Shri. Sashikant Patel	Progressive Farmer, Village- Sultanpur, Ta. Jalalpore	Member Invitee
18	Shri. Natvarlal Patel	Progressive Farmer, Vil-Abrama, Ta. Jalalpore	Member Invitee
19	Smt. Jashuben Mohanbhai Patel	Progressive Farm Woman, Village- Vedchha, Ta.Jalalpore	Member Invitee
20	Smt.Jayaben Amratbhai Patel	Progressive Farm Woman, Vil-Ichhapore, Ta.Gandevi	Member Invitee
21	Shri. Hiteshbhai Patel	Member of Manekpore Co-operative Society , Village- Manekpore, Ta.Gandevi	Member
22	Mr. Paresh Barot	Lead District Manager, Navsari	Member
23	Dr. Sumit R. Salunkhe	Senior Scientist & Head, KVK, Navsari	Member Secretary
24	Mr. Manoj Suthar	Convener of LAC & Director BSVS, RSETI-Navsari	Member Invitee
25	Shri Ashokbhai Patel	Agri-entrepreneur, Soldhara, Navsari.	Member

Agenda for 18th Scientific Committee Advisory Meeting of Krishi Vigyan Kendra
8th January 2026 at 03:00 PM

Item No.	Agenda
18.1	Review of previous 17th SAC Meeting Minutes.
18.2	Review of KVK activities held during January to December-2025.
18.3	Presentation on Action Plan of January 2026 to December-2027.
18.4	Presentation of Budget Position.
18.5	Suggestions and discussion to make Krishi Vigyan Kendra, Navsari more effective.
18.6	Any other related matters with the permission of the Chairperson.

18.1 Action Taken Report (ATR) on the Minutes of the 17th Scientific Advisory Committee (SAC) Meeting held on 16 February 2025

Action Taken Report on minutes of 17th SAC meeting held on 16/02/2025		
Sr. No	**Suggestions**	**Action taken**
1. During the 17th Scientific Advisory Committee meeting following suggestions are made by the experts		
17.2.1	Aware the farmers about use and benefits of biochar	3 Training was organized on Biochar covering 76 farmers.
17.2.2	Transfer of technology with concept of one technology one village and give FLD in cluster base	A total of 22 different technologies were demonstrated to 1866 farmers, covering 248.76 ha under FLD in the adopted villages. These included NAUroji fruit fly traps, mango–sapota biofertilizer, Paddy, Chickpea, Mungbean, Pigeon Pea, Val, Indian Bean, Little Gourd and Okra.
17.2.3	Training on Packing/marketing of different value-added products should be conducted.	A total of 9 training programmes on value addition were organized, covering 262 farmers.
17.2.4	Training on rearing of Ticoma honeybee	A total of 2 training programmes on 'Ticoma honeybee' cultivation were conducted, benefiting 23 farmers.
17.2.5	Publish success stories of KVK and take publication number from DEE office for publication.	The success story publication is under process and is likely to be published in 2026.
17.2.6	Conduct training on value addition and preparation of mango pickle.	2 vocational trainings and 6 on-campus trainings were conducted, benefiting 27 farmers and 328 farmers, respectively.
17.2.7	Conduct the forest tree or IFS related programme with forestry college.	2 events were organized on tree plantation and Integrated Farming System (IFS), covering 144 farmers of Navsari district.

મુદ્દા નં.	બેઠક દરમ્યાન સભ્યશ્રીઓ દ્વારા નીચે મુજબનાં સૂચનો કરાયા.	
મુદ્દા નં ૧૭.૨.૧	બાયોચારના ઉપયોગ અને ફાયદા અંગે ખેડૂતોને જાગૃત કરવા.	કેન્દ્ર દ્વારા બાયોચાર વિષય પર ૩ તાલીમ દ્વારા ૭૬ ખેડૂત ભાઈ–બહેનોને માર્ગદર્શન આપવામાં આવેલ છે.
મુદ્દા નં ૧૭.૨.૨	એક ટેકનોલોજી એક ગામ પ્રમાણે ટેકનોલોજીનું પ્રસાર કરવું અને જૂથમાં અગ્રીમ હરોળ નિદર્શન આપવા.	કુલ ૨૨ અલગ અલગ ટેકનોલોજીના ૨૪૮.૭૬ હે. વિસ્તારમાં કુલ ૧૮૬૬ ખેડૂતોના ફાર્મ પર અગ્રીમ હરોળ નિદર્શનો દત્તક ગામોમાં આપવામાં આવેલ છે. (નૌરોજી ફૂટ ફલાય ટ્રેપ, આંબા–ચીકુમાં બાયોફર્ટીલાઈઝર, ડાંગર, ચણા, મગ, તુવેર, વાલ, છોડપાપડી, ટીંડોળા, ભીડાં)
મુદ્દા નં . ૧૭.૨.૩	મૂલ્યવર્ધિત બનાવટોના પેકીંગ અને વેચાણની તાલીમનું આયોજન કરવું.	વર્ષ દરમ્યાન કુલ ૯ તાલીમો દ્વારા ૨૬૩ ખેડૂત ભાઈ બહેનોને માર્ગદર્શન એ તાલીમ આપવામાં આવેલ છે.
મુદ્દા નં ૧૭.૨.૪	ટાઈકોના મધમાખીના ઉછેર વિશે તાલીમનું આયોજન કરવું.	" ટાઈકોના મધમાખી " ખેતી પર કુલ ૨ તાલીમનું આયોજન કરવામાં આવ્યું હતું. જેમાં ૨૩ ખેડૂતોને આવરી લેવામાં આવ્યા હતા.
મુદ્દા નં ૧૭.૨.૫	સફળ વાર્તાઓનું પબ્લીકેશન કરવું તેમજ વિસ્તરણ શિક્ષણ નિયામકશ્રીની કચેરી દ્વારા પબ્લીકેશન નંબર મેળવવું	સફળ વાર્તાનું પબ્લીકેશન માર્ચ–૨૦૨૬ માં કરવામાં આવનાર છે.
મુદ્દા નં ૧૭.૨.૬	કેરીનાં અથાણાં અને મૂલ્યવર્ધિત બનાવટોની તાલીમનું આયોજન કરવું.	૨ વ્યાવસાયિક તાલીમ દ્વારા ૨૭ અને ૬ કેન્દ્રિય તાલીમો દ્વારા ૩૨૮ ખેડૂત ભાઈ–બહેનોને માર્ગદર્શન અને માહિતી આપવામાં આવેલ છે.
મુદ્દા નં ૧૭.૨.૭	વનીય વૃક્ષ અને આઈએફએસ અંતર્ગત પ્રોગ્રામનું આયોજન વનીય મહાવિદ્યાલય સાથે કરવું.	કુલ ૨ કાર્યક્રમોમાં કુલ ૧૪૪ ભાઈ–બહેનોને વનીય વૃક્ષોનાં વાવેતર અંગે માહિતી આપવામાં આવેલ છે.

18.2 Review of KVK Activities (January to December 2025)

(A) Training:

1. Farmers, Farm Women and Rural Youths

Subject	On Campus				Off Campus				Total			
	No.	Beneficiaries			No.	Beneficiaries			No.	Beneficiaries		
		M	F	T		M	F	T		M	F	T
(A) Practicing Farmers /Farm Women												
Crop Production	14	418	310	728	8	265	194	459	22	683	504	1187
Horticulture	11	222	270	492	3	31	44	75	14	253	314	567
Plant Protection	4	185	279	464	3	102	56	158	7	287	335	622
Home Science	4	40	177	217	4	47	81	128	8	87	258	345
Ext. Education	4	140	61	201	3	44	37	81	7	184	98	282
Fisheries	2	46	23	69	0	0	0	0	2	46	23	69
Animal Science	0	0	0	0	3	19	97	116	3	19	97	116
Total (A)	**39**	**1051**	**1120**	**2171**	**24**	**508**	**509**	**1017**	**63**	**1559**	**1629**	**3188**
(B) Rural Youth												
Crop Production	3	31	29	60	2	46	1	47	5	77	30	107
Horticulture	3	32	35	67	0	0	0	0	3	32	35	67
Plant Protection	0	0	0	0	1	24	6	30	1	24	6	30
Ext. Education	4	46	51	97	0	0	0	0	4	46	51	97
Home Science	2	8	27	35	1	7	16	23	3	15	43	58
Total (B)	**11**	**84**	**142**	**226**	**4**	**77**	**23**	**100**	**15**	**161**	**165**	**326**
Total A+B	**50**	**1135**	**1262**	**2397**	**28**	**585**	**532**	**1117**	**78**	**1720**	**1794**	**3514**

2. Sponsored Training :

Sr.	Date	Beneficiaries	Sponsor Agency

No.		Male	Female	Total	
1	08/01/2025	89	11	100	Floriculture Dept., ACH, NAU, Navsari
2	09/01/2025	08	50	58	LRS Kamdhenu University, Navsari
3	28/01/2025	05	23	28	LRS Kamdhenu University, Navsari
4	04/03/2025	18	2	20	Vegetable Science Department, ACH, NAU, Navsari
5	11-13/03/2025	0	48	48	GPKVB, Ahmedabad
6	24-26/03/2025	30	28	58	AFRI, Jodhpur and Forestry College
7	24/04/2025	72	82	154	Akhil Bhartiya Kutchh Kadva Patidar Yuva Sangh
8	28/05/2025	49	21	70	GNFC, Navsari
9	09/09/2025	39	0	39	FTC, Navsari
10	15/09/2025	0	50	50	FTC, Navsari
11	18/09/2025	0	55	55	FTC, Navsari
12	09/12/2025	50	45	95	Krishi Vikash va Gramin Prashikshan Sanstha
	Total	**360**	**415**	**775**	

3. In-service Training:

Sr. No.	Subject	Date	Days	Beneficiaries		
				Male	Female	Total
1	Plant Protection	17/03/2025	1	60	58	118
2	Extension Education	28/05/2025	1	16	12	28
3	Extension Education	17-19/07/2025	3	18	12	30
4	Extension Education	25/09/2025	1	27	44	71
			Total	**121**	**126**	**247**

4. Vocational Training

Sr. No.	Discipline	Date	Days	Subject	Beneficiaries		
					Male	Female	Total
1	Home Science	27/02/2025 to 10/03/2025	10	Entrepreneurship and Value addition	35	4	39
				Total	**35**	**4**	**39**

B. Frontline demonstrations (FLD):

FLD January to December-2025

Sr. No.	Season	Crop	Variety	Objective	Area (ha)	No. of farmers	Average Production q/ha		Percent increase
							Demo.	L.C.	
Crop Production									
1	Rabi-24-25	Chickpea	GG-6	To popularize the new high yielding variety	8.6	86	13.36	11.19	19.39
2	Rabi-24-25	Indian bean	GNIB-22	To popularize the new high yielding variety	2.5	67	25.38	20.27	25.21
3	Rabi-24-25	Indian bean	G.Val-2	To popularize the new high yielding variety	3.3	35	7.57	6.58	15.05
4	Rabi-24-25	Wheat	HZ 1634	To popularize the new high yielding variety	2.0	10	46.32	43.64	6.14
5	Summer-25	Green gram	GM-6	To popularize the new high yielding variety	14	140	8.24	6.83	20.64
6	Summer-25	Green gram	GM-7	To popularize the new high yielding variety	3	30	8.06	6.83	18.01
7	Kharif-25	Paddy	GNR-6	To popularize the new high yielding variety	3.8	19	36.44	34.14	6.74
8	Kharif-25	Paddy	GNR-7	To popularize the new high yielding variety	15	75	38.52	34.69	11.04
9	Kharif-25	Paddy	GNR-8	To popularize the new high yielding variety	6.4	32	37.39	34.69	7.78
10	Kharif-25	Paddy	GNR-9	To popularize the new high yielding variety	1.4	7	36.86	34.69	6.26
11	Kharif-25	Paddy	GR-15	To popularize the new high yielding variety	4	16	37.08	34.69	6.89
12	Kharif-25	Paddy	GR-17	To popularize the new high yielding variety	12	60	38.56	35.24	9.42

13	Kharif-25	Paddy	GR-19	To popularize the new high yielding variety	1.6	8	35.98	34.69	3.72
14	Kharif-25	Paddy	GR-20	To popularize the new high yielding variety	4.2	21	36.84	34.69	6.20
15	Kharif-25	Paddy	GR-23	To popularize the new high yielding variety	4	20	36.46	34.69	5.10
16	Kharif-25	Paddy	GR-25	To popularize the new high yielding variety	4.4	22	38.27	35.24	8.60
17	Kharif-25	Paddy	GRH-2	To popularize the new high yielding variety	5	29	43.86	39.37	11.40
18	Kharif-25	Pigeon pea	GT-104	To popularize the new high yielding variety	26.8	760	13.08	11.15	17.31
19	Rabi-25	Chickpea	GG-6	To popularize the new high yielding variety	12	125	Continue….		
20	Rabi-25	Indian bean	GNIB-22	To popularize the new high yielding variety	3.6	54	Continue….		
21	Rabi-25	Indian bean	G.Val-2	To popularize the new high yielding variety	4	40	Continue….		
22	Rabi-25	Wheat	HI 1650	To popularize the new high yielding variety	4	10	Continue….		
				Total	**145.60**	**1666**			
Plant Protection									
23	Rabi-24-25	Mango	Available	Fruit fly management Use of Nauroji fruit fly trap	87.06	219	81	69	13
24	Rabi-25-26	Mango	Available	Mango crops use of Novel liquid fertilizers	25	125	Continue….		
				Total	**112.06**	**344**			
Horticulture									
25	Kharif-25	Turmeric	GNT-3	To popularize the new high yielding variety	2.25	76	Continue…		
26	Kharif-25	Mango Ginger	GNMG-1	To popularize the new high yielding variety	0.07	7	Continue…		

27	Kharif-25	Little gourd	GNPG-1	To popularize the new high yielding variety	0.3	15	Continue…		
28	Kharif-25	Dragon fruit	Red	Introduction of new variety	0.02	51	Continue…		
29	Kharif-25	Mango	Kesar	Use of PSB, KMB, Azto bio fertilizer	12.8	32	Continue…		
30	Kharif-25	Sapota	Kalipatti	Use of PSB, KMB, Azto bio fertilizer	40	100	Continue…		
31	Kharif-25	Okra	Purna Rakshak	To popularize the new high yielding variety	4.5	18	Continue…		
32	Kharif-25	Kitchen Garden	-	To aware about residue free and health vegetables use for health	1.00	161	10120 kg/ha	8250 kg/ha	
				Total	**60.94**	**460**			
				Grand Total	**318.60**	**2470**			

FLD on Farm Implements and Machinery (Home Science)

Name of the implement	**Crop**	**Technology demonstrated**	**No. of Farmer**	**Area (ha)**	**Major parameters**	**Filed observation (output/man hour)**		**% change in major parameter**	**Labor reduction (man days)**				**Cost reduction (Rs./ha or Rs./Unit etc.)**			
						Demo	**Check**		**Land preparation**	**Sowing**	**Weeding**	**Total**	**Land preparation**	**Labour**	**Irrigation**	**Total**
Twin wheel hoe	Pulse raw Crop	Twin wheel hoe for weeding operation	7	0.7	Labour saving hours	56	136 hr.	58.82 %	-	-	10	10	-	3900 /ha.	-	3900 /ha.
Note : Labor wages calculated as per NAU University rate. (399/-) Year-2025-26																

C. On Farm Testing (OFT):

Sr. No.	Particulars	No.	Number of Farmers
Agronomy			
1	Assessment of newly released rice variety GR-24 (Parimal)	1	6
2	Assessment of the Foliar Nutrient Application on Sugarcane	1	6
Horticulture			
3	Assessment of foliar spray of Novel Organic Liquid Fertilizers on yield of okra	1	6
4	Assessment of effect of Potassium Nitrate Spray (13-0-45) on yield of Sapota	1	6
Plant protection			
5	Assessment bio pesticide to control pest complex in Brinjal	1	6
6	Assessment of bio pesticides on management of mango thrips	1	6

Results of Technologies Assessed

OFT-1 Assessment of newly released rice variety GR-24 (Parimal) (3rd Year)

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Paddy	Rainfed	Old and low production variety	Assessment of newly released rice variety GR-24 (Parimal)	6	GNR-5	Panicle length (cm)	21.87		Paddy variety is high yielding and good panicle length		
					GR-24	Panicle length (cm)	23.67				

Contd…

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
GNR-5	Navsari Agricultural University technology	37.24	q/ha	37872	1.47
GR-24	Navsari Agricultural University technology	41.28	q/ha	48414	1.59

OFT-2 Assessment of the Foliar Nutrient Application on Sugarcane

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Sugarcane	Irrigated	Low yield	Assessment of the Foliar Nutrient Application on Sugarcane	6	250:125:125 kg N:P:K/ha	Plant Height (cm)	241.40		Spraying of nano urea green color in leaves and more tillering		
					250:125:125 kg N:P:K/ha + Spray of 4 ml Nano urea at 45, 60 and 90 DAS	Plant Height (cm)	254.80				

Contd…

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
250:125:125 kg NPK/ha	NAU, Navsari technology	686.81	q/ha	155439	2.58
250:125:125 kg NPK/ha + Foliar spray of Nano urea 4 ml/lit. of water at 45, 60 and 90 DAS	IFFCO, Surat	749.73	q/ha	172149	2.70

OFT-3 Assessment of foliar spray of Novel Organic Liquid Fertilizers on yield of okra

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Okra	Irrigated	Farmers are not aware about use of Novel Organic Liquid Fertilizers in okra crop	Assessment of foliar spray of Novel Organic Liquid Fertilizers on yield of okra	6	No spray (Farmer practice)	Fruit Length (cm)	8.98		Spraying of NOVEL gave very good yield		
					1.5% (150 ml/10 litre) Novel spray at 30, 45 and 60 days	Fruit Length (cm)	11.71				

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
No spray (Farmer practice)	NAU, Navsari, Research accomplishment and recommendation Year 2022 Booklet (Page No 12)	8590	q/ha	90950	1.94
1.5% (150 ml/10 litre) Novel spray at 30, 45 and 60 days		12980	q/ha	181876	2.79

OFT-4 Assessment of effect of Potassium Nitrate Spray (13-0-45) on yield of Sapota

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Sapota	Irrigated	Less flowering and fruiting size	Assessment of effect of Potassium Nitrate Spray (13-0-45) on yield of Sapota	6	No spray (Farmer practice)	10 fruit Weight (gm)	73.46		Spraying of NOVEL gave very good yield		
					1 % (1 kg/ 100 liter) 13: 00: 45 sprays at second fortnight of Sep., Nov.. Jan.	10 fruit Weight (gm)	77.01				

Contd…

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
No spray (Farmer practice)	NAU, Navsari, Research accomplishment and recommendation Year 2022 Booklet (Page No 12)	95.88	q/ha	113819	3.31
1.5% (150 ml/10 litre) Novel spray at 30, 45 and 60 days		139.59	q/ha	164259	3.25

OFT-5 Assessment bio pesticide to control pest complex in Brinjal

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Brinjal	Irrigated	Indiscriminate use of chemicals, pests are resistance to pesticides	Assessment of bio pesticide to control pest complex in Brinjal	6	Farmer practice (Indiscriminate use of Insecticide only)	10 Fruit weight (kg)	0.60		Seed ling root dip treatment and spraying of entomopathogens gave very good results		
					Seedling root dip treatment with *Trichoderma* and *Psuedomonas* for 30 minutes before transplanting and spraying of *Beauveria*, *Lecanicillium* and *Metarhizium* each 5 g/lit of water at pest emergence and at 15 days interval	10 Fruit weight (kg)	0.75				

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. /Unit	B:C Ratio
13	14	15	16	17	18
Farmer practice (Indiscriminate use of Insecticide only)	AAU, Anand	310.25	q/ha	156180	**1.93**
Seedling root dip treatment with *Trichoderma* and *Psuedomonas* for 30 minutes before transplanting and spraying of *Beauveria*, *Lecanicillium* and *Metarhizium* each 5 g/lit of water at pest emergence and at 15 days interval		346.50	q/ha	198345	**2.27**

OFT-6 Assessment of bio pesticides on management of mango thrips

Crop/ enterprise	Farming situation	Problem definition	Title of OFT	No. of trials	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement needed	Justification for refinement
1	2	3	4	5	6	7	8	9	10	11	12
Mango	Irrigated	Thrips infestation and reduction in yield	Assessment of bio pesticides on management of mango thrips	6	Buprofezin 25% SC farmers practice	Fruit Length (cm)	10		Spraying of entomopathogens gave very good results		
					Spraying of *Beauveria bassiana*, *Verticillium lecani* and *Metarhizium anisopliae* each 5 gm per liter @ marble stage of mango and 15 Days after first spray	Fruit Length (cm)	12				

Contd..

Technology Assessed	Source of Technology	Production	Please give the unit (kg/ha, t/ha, lit/animal, nuts/palm, nuts/palm/year)	Net Return (Profit) in Rs. / unit	B:C Ratio
13	14	15	16	17	18
Buprofezin 25% SC farmers practice	SAU's other state	89.52	q/ha	164000	2.34
Spraying of *Beauveria bassiana*, Verticillium lecani and *Metarhizium anisopliae* each 5 gm per liter @ marble stage of mango and 15 Days after first spray		92.78	q/ha	200000	2.82

D. Other Extension Activities:

Sr. No.	Activity	No.	No. of Beneficiaries (Farmers/Rural Youth)			No. of Extension Functionaries			Grand Total		
			Male	*Fe male*	*Total*	*Male*	*Fe male*	*Total*	*Male*	*Fe male*	*Total*
1.	Field Day	10	166	344	510	25	8	33	191	352	543
2.	Field / FLD visit	43	151	67	218	6	3	9	157	70	227
3.	Khedut Shibir/ Mahila shibir	18	1771	1523	3294	58	17	75	1829	1540	3369
4.	Kisan Gosthi / Mahila Gosthi	3	403	741	1144	33	8	41	436	749	1185
5.	Film Show	55	564	498	1062	30	10	40	594	508	1102
6.	Agricultural Exhibition	11	1456	1340	2796	19	74	93	1475	1414	2889
7.	Group Meeting / Farmer's meeting / Mahila meeting	7	123	340	463	22	7	29	145	347	492
8.	Lecture Delivered/ Guest lecture	83	10963	5368	16331	36	24	60	10999	5392	16391
9.	Scientist Visit to Farmers Field	38	213	97	310	6	3	9	219	100	319
10.	Farmers Visit to KVK	154	879	653	1532	58	18	76	937	671	1608
11.	Diagnostic Visit	20	57	10	67	8	2	10	65	12	77
12.	Soil & water samples analysis	0	0	0	0	0	0	0	0	0	0
13.	SHG meeting	1	0	15	15	0	1	1	0	16	16
14.	Exposure Visit	7	165	274	439	8	3	11	173	277	450
15.	Awareness Programme	8	667	628	1295	25	14	39	692	642	1334
16.	Rawe Programme	6	110	80	190	3	2	5	113	82	195
17.	Day Celebration	12	307	419	726	23	10	33	330	429	759
18.	Method Demonstration	4	30	88	118	3	4	7	33	92	125
19.	Farmer Seminar/ Workshop	2	44	82	126	3	1	4	47	83	130
20.	Farmers Scientist Interaction	2	83	16	99	3	2	5	86	18	104
21.	Workshop/ Seminar/ Meeting attended	65	by Scientist								
22.	Newspaper Coverage	45	Mass								
23.	Popular Articles	8	Mass								

24.	Extension Literature (Training Manual)	6	Mass								
25.	Radio Talk	1	Mass								
26.	TV Talk	1	Mass								
27.	Telephonic helpline	1	Mass (4236 Farmers are benefited)								
28.	Dignitaries visit to KVK	14	14 Dignitaries visit to KVK								
	Total	**625**	**18152**	**12583**	**30735**	**369**	**211**	**580**	**18521**	**12794**	**31315**

E. Literature Published:

Sr. No.	Items	Number of Publications	Number of copies
1.	Technical Reports	24	150
2.	Extension Literature/Training Manual	6	500
3.	Research Papers	1	1
4.	Popular Articles	7	7
5.	Newspaper Coverage	43	43
6	Local news/channel clip	11	-

F. Functional linkages with different Organization

S.N.	Name of the Organization	Nature of Linkage
1.	NAU, Navsari	Provides administrative and technical support
2.	Central Government	RKVY Project, Seed village project
3.	Department of Animal Husbandry, Navsari	Collaborative training, extension programmes
4.	Gandevi Co-operative Multipurpose Society, Gandevi	Organizing Khedut shibirs
5.	Department of Agriculture, Navsari	Collaborative training, extension programmes
6.	Forest Department	Collaborative training programmes on Agro-Forestry
7.	Department of Horticulture, Navsari	Collaborative extension programmes
8.	Department of Fisheries, Navsari	Collaborative training, extension programmes
9.	Veterinary College, Kamdhenu university, Navsari	Collaborative training, extension programmes
10.	College of Fisheries science College, Kamdhenu university,	Collaborative training, extension programmes

	Navsari	
11.	State Bank of India	Collaborative extension programmes
12.	Cohesion foundation Navsari, NABARD	Collaborative extension programmes
13.	ATMA(Tapi, Valsad, Surat, Navsari, Rajasthan, Panchmahal, Bharuch, UP)	Collaborative sponsored training, Exposure visit
14.	KRIBHCO, Surat and Navsari	Collaborative training and extension programmes
15.	IFFCO, Surat and Navsari	Collaborative training and extension programmes
16.	Anavil Sanskar Trust, Navsari	Collaborative training and extension programmes
17.	Navsari Jilla Panchayat, Navsari	Collaborative programmes
18.	Rotary club of Navsari	Collaborative programme
19.	ICDS, Purna Project, Navsari	Collaborative Training for School Dropout and Women empowerment related activities
20.	Drone Technology, Daman	Drone Demonstration & Training
21.	AKRSP, Netrang, Narmada	Training
22.	EEI, Anand	Training
23.	True Life Enterprise, CBBO, The Dangs	FPO related meeting & Training
24.	Dept. of Animal Husbandry, Valsad	Training & Exposure visit
25.	ICDP, Dantej	Training & Exposure visit on Animal Science
26.	FTC, Navsari	Collaborative training and extension programmes
27.	DRDA, Navsari	Training and SHGs
28.	GGRC	Collaborative training and extension programmes
29.	RSETI, Baroda Swarogar Sansthan, Navsari	Collaborative training and extension programmes
30.	Reliance Foundation, Mumbai	Agricultural Advisory Services
31.	Metrology Department, NAU	Collaborative training

G. Different Projects at KVK, Navsari (January to December 2025)

Sr. No	Name of the scheme	B.H	Funding agency	Amount received (Rs. in Lakh)
1	Strengthening and testing of universities technologies on farmer's field through adaptive trials, Phase-II	12306-A	State Govt.	09.50
2	Creation of seed hub for increasing indigenous production of Pulses seed in India: Seed Hubs	2704-02-A	Central Govt.	95.50
3	ARYA Project	18191	Central Govt.	20.95
4	National Mission on Natural Farming	18288/04	State Govt.	02.16
5	NMNF-Demonstration Units at KVK and Farmer's Field	2160/02	Central Govt.	01.41
6	Pradhan Mantri Dhan Dhaanya Krishi Yojana (PMDDKY), National Mission on Pulses and National Mission on Natural Farming	2161/02	Central Govt.	00.75
7	Drone under submission on agricultural mechanization	18237	Central Govt.	06.88
8	TSP-Mega seed project	2068/C	Central Govt.	01.30
9	PKVY - Skill development	2125/02	Central Govt.	00.38
10	Vikshit Krishi Sankalp Abhiyan (VKSA)	2157/00	Central Govt.	01.71
11	Establishment of DGCA Approved Remote Pilot Training Organization (RPTO) to impart remote pilot certificate for agricultural spray drone	14060	State Govt.	40.00
			Total	**180.54**

1. Strengthening and testing of universities technologies on farmer's field through adaptive trials, Phase-II

Sr. No	FLD organized			Area (ha)	Beneficiaries		
	Crop	Variety	Season		SC/ST	Others	Total
1	Green gram	GM-6	Summer-25	14	99	41	140
2	Mango Fruit Fly Trap	-	Summer-25	87.06	41	178	219
3	Dragon fruit	Red	Kharif-25	0.52	110	89	199
4	Pigeon pea	GT-104	Kharif-25	24.8	637	123	750
5	Paddy	GNR-6	Kharif-25	3.8	19	0	19
6	Paddy	GNR-8	Kharif-25	6.4	32	0	32
7	Paddy	GNR-7	Kharif-25	15	75	0	75
8	Paddy	GR-15	Kharif-25	3.2	16	0	16
9	Paddy	GR-17	Kharif-25	12	60	0	60
10	Paddy	GR-20	Kharif-25	4.2	21	0	21
11	Paddy	GRH-2	Kharif-25	5	29	0	29
12	Mango Ginger	GNMG-1	Kharif-25	0.07	6	1	7
13	Mango (Bio fertilizer)	Available	Kharif-25	12.8	7	25	32
14	Mango (Novel)	Available	Rabi-25	25	25	100	125
15	Okra	Purna Rakshak (G.N.O.-1)	Rabi-25	4.5	18	0	18
16	Little gourd	GNLG-1	Kharif-25	0.3	15	0	15
17	Chickpea	GG-6	Rabi-25	12	83	42	125
18	Indian bean	G.Val-2	Rabi-25	4	37	2	40
19	Indian bean	GNIB-22	Rabi-25	3.6	40	14	54
			Total	**238.25**	**1370**	**615**	**1976**

FLD Chickpea GG-6

FLD Indian bean GNIB-22

FLD Val Guj.Val-2

FLD Okra GNO-1

FLD Green Gram GM-6

FLD Pigeon pea GT-104

FLD biofertilzer on Mango crop

FLD Fruit Fly Trap in Mango

FLD Little gourd GNLG-1

FLD Little gourd GNLG-1

2. Seed Hub Project:

Creation of Seed Hubs for Increasing Indigenous Production of seeds of pulses in India

State	Nam of the centre	Seed production target (q)			*Budget allocation (Rs. In Lakh)*		
		2016-17	2017-18	2018-19	Seed processing & storage Infrastructure under	Revolving Fund	
						2016-17	2017-18
Gujarat	KVK, Navsari	450	700	1000	50.00	35.00	65.00

2.1 Target of quality seed production of pulses by seed-hub (KVK, Navsari) during 2023-24 and 2024-25

State	Name of the centre	District	Crop / Variety	Quantity of seed production (q)		
				2023-24	2024-25	Total
Gujarat	KVK, Navsari	Navsari	Green gram	300	300	**1000 per year**
			Pigeon pea	500	500	
			Chickpea	200	200	
Total				**1000**	**1000**	

2.2 Infrastructure created:

Sr. No.	Name of items (Like Godown, Processing equipment)	Allotted Fund (in Lakh)	Expanse Fund (in Lakh)	Unutilized Fund (in Lakh)
1	Godown construction	35.00	22.90	12.10
2	Seed processing machinery equipment	15.00	6.56	8.44
	Total	**50.00**	**29.46**	**20.54**

Latest photograph of infra-structure development

Seed hub godown

Seed processing machinery plant

2.3 Crop wise seed production

Season (s)	Crop(s) / Variety	Seed prod. target (in q)	Seed prod. Achievement (in q)	At KVK/ SAUs/ Institute farm		At farmers field in participatory mode		Seed certification agency	Type of seed (breeder / TFL etc.)
				Area (ha)	Qt. (q)	Area (ha)	Qt. (q)		
Summer-2023	Green gram (GM-6)	200	8	1	0	0	0	GSCA, Ahmadabad	Breeder
Summer-2023	Black gram (GU-3)	-	4	1	0	0	0	GSCA, Ahmadabad	Breeder
Kharif - 2023	Pigeon pea (GT-104)	500	-*	0	0	6	0	GSCA, Ahmadabad	Certified
Kharif-2024	Pigeon pea (GT-104)	500	Crop Standing	0	0	6	0	GSCA, Ahmadabad	Certified
Summer-2023	Green gram (GM-6)	-	**	1	0	0	0	GSCA, Ahmadabad	Breeder

*** Quality seed was not produced at farmers field therefore seed cannot purchase.**

**** Quality seed was not produced at farmers field therefore seed cannot purchase.**

2.4 Expenditure details (Rs.Lakh)

Year	Opening Balance (1st April)	Fund Utilized	Fund Earned (by seeds sale)	Interest gained/ Subsidy received, if any	Closing Balance (31st March)	Remarks (if any)
2018-19	65.92	10.38	3.61	0.0	93.15	34.00 Fund received from ICAR-IIPR Kanpur
2019-20	93.15	18.70	20.36	0.0	94.81	--
2020-21	92.78	5.57	2.28	0.0	89.49	--
2021-22	89.49	8.51	0.50	0.0	81.47	
2022-23	88.19	4.87	2.45	00	85.76	
2023-24	97.38	1.74	00	00	95.64	11.56 lakh A/C closed Balance
2024-25	95.64	0.13	00	00	95.50	
2025-26	95.50	10.99	6.95	00	91.47	

2.5 Seed hub field plots visit (Year 2024-25)

Sr. No.	Place visited	Date	Crop	No. of Baneberries		Total
				M	F	
1	Katasayan	01/02/2025	Pigeon pea (GT-104)	3	0	3
2	Katasayan	19/02/2025	Pigeon pea (GT-104)	1	0	1
	Total			**4**	**0**	**4**

Photograph of Seed production of Pigeon pea under seed hub project

Pigeon pea seed production at farmers field Village:-Katasayan Dist. Bharuch

3. Attracting the Rural Youth in Agriculture (ARYA Project)

3.1 Details of different project name and training programme conducted

Sr.No.	Title	Training	M	F	T
3.1	Establishment of mango processing training centre	5	70	251	321
3.2	Entrepreneurship development through Mango nursery	4	78	104	182
3.3	Carp Fish Farming	2	46	23	69
	TOTAL	**11**	**124**	**378**	**572**

3.2 Establishment of mango Processing Training Centre

Date	Village	Title of training / Activity	Other		ST		Total		
			M	F	M	F	M	F	T
25/02/2025	Kharoli	Mango Panicha Pickles Preparation	0	30	0	0	0	30	30
15/03/2025	Vedchha	Mango Panicha pickles preparation and aamchur powder	0	27	0	0	0	27	27
19/06/2025	Navsari	Mouth Fresher Preparation	0	27	0	0	0	27	27
12/09/2025	Navsari	Mango Value addition: Preparation of Mango Murraba, Jam and frooti/ squash	70	140	0	0	70	140	210
04/12/2025	Navsari	Mango Processing	0	27	0	0	0	27	27
		TOTAL (5)	**70**	**251**	**0**	**0**	**70**	**251**	**321**

On Campus Training

Off Campus Training on Mango Panicha pickles Preparation

3.3 **Entrepreneurship development through Mango nursery**

Date	Village	Title of training / Activity	Other		ST		Total		
			M	F	M	F	M	F	T
21/03/2025	Kelkechh	Mango Nursery Management	0	0	0	25	0	25	25
14/11/2025	Navsai	Mango Nursery Management	22	0	0	0	22	0	22
23/11/2025	Navsari	Mango Nursery Management	31	79	0	0	31	79	110
05/12/2025	Anklachha	Mango Nursery Management	0	0	25	0	25	0	25
		Total (4)	**53**	**79**	**25**	**25**	**78**	**104**	**182**

On Campus Training

Off Campus Training

3.4 Carp Fish Farming

Date	Village	Title of training / Activity	Other		ST				Total
			M	F	M	F	M	F	
03/02/2025	Navsari District	Fish Value Addition	8	2	0	0	8	2	10
18/09/2025	Navsari District	Fish Value Addition	38	21	0	0	38	21	59
		Total (2)	**46**	**23**	**0**	**0**	**46**	**23**	**69**

Input Distribution


On Campus Training

3. National Mission on Natural Farming (NMNF) - Natural Farming

Natural Farming Activities Carried Out by KVK-Navsari during year 2025

Sr. No	Name of the activity	Numbers	No. of farmers Participated		
			Male	Female	Total
A	**Khedut Shibir**				
1	Khedut Shibir on Natural Farming at Upsal	1	90	6	96
2	Khedut Shibir on Importance and benefits of natural farming at Ravaniya, Pipalkhed, Ankalanchh	1	51	30	81
3	Khedut Shibir on Importance and benefits of natural farming at KVK, Navsari	1	110	89	199
4	Khedut Shibir on Natural Farming collaboration KRIBHCO, Surat at KVK, Navsari	1	23	70	93
5	Khedut Shibir on Natural Farming on PMFME Scheme at KVK, Navsari	1	26	44	70
6	Khedut Shibir on Natural Farming PM-Kisan at Navsari	1	40	154	194
7	Khedut Shibir on Natural Farming Gujarat PrakrutikKrushi Vikas Board at KVK, Navsari	1	174	34	208
8	Khedut Shibir on Natural Farming at Kanbhai village “Kisan Day”	1	49	0	49
	Total	**8**	**563**	**427**	**990**
B	**Training**				
1	One day training to farmers	12	250	208	458
2	One day training to willing farmers of Navsari district	3	130	256	386
3	Three days training to farmers	1	0	48	48
4	Five days training to Krishi Sakhis & CRPs	1	10	21	31
5	Sponsored training to farmers	4	62	168	230
6	Sponsored In-Service training to technical staff	2	170	147	317
7	Training received by Scientist for master trainers	1	1	1	2
	Total	**24**	**623**	**849**	**1472**
C	**Awareness programmes**				
1	Awareness programmes-General	21	1547	1124	2671
2	Awareness programmes-VKSA	15	6661	1717	8378
	Total	**36**	**8208**	**2841**	**11049**
D	**Guest Lecture/Lecture delivered**				
1	Guest Lecture delivered	11	494	222	716
2	Lecture delivered during Rabi-Krishi Mahotsav	4	566	557	1123
E	**Method demonstration of various Natural farming inputs**	4	117	48	165

F	**Field / Farmers visit**				
1	Field visit-General (NMNF Demonstration Plots)	18	14	7	21
2	Field visit during Rabi-Krishi Mahotsav	4	124	81	205
G	**Meeting Attended by Scientists**	8			
H	**Attended the Natural Farming Products by KVK, Navsari Farm Produced: Exhibition of Stalls**	6	769	821	1590
I	**Award winner women's training at Natural Farming**	**1**	**0**	**10**	**10**

Khedut Shibir

Off Campus Training

Natural farming Five Days Training

Field Visit

One day training to willing farmers

In-service Training

Guest Lecture Delivered

Farmer's Visit to KVK, Natural Farming Plot

Awareness programmes-VKSA

PRAKRUTIK KRISHAK BAZAR

- ✓ To enhance awareness about organic products, the **"Prakrutik Krishak Bajaar"** was initiated in **November 2020** and is being continued to date.
- ✓ The primary objective of the **Prakrutik Krishak Bajaar** is to provide **pesticide-free vegetables and fruits** to the people of **Navsari district** while promoting natural farming practices.
- ✓ Three major locations have been selected for organizing the **Prakrutik Krishak Bajaar**:
    1. Front gate of **Navsari Agricultural University, Navsari**
    2. **Bagayat APMC**, Mandli Grid Road, Navsari
    3. **Tata Hall parking area**, Navsari Nagarpalika

- ✓ A total of **123 farmers** have been registered under the **Prakrutik Krishak Bajaar**, collectively earning **11,40,684** to date through the sale of **pesticide-free agricultural and horticultural products** such as cereals, pulses, vegetables, and fruits.


Hon'ble VC NAU Inagurated Prakrutik Bazar accompained by DDO, Navsari

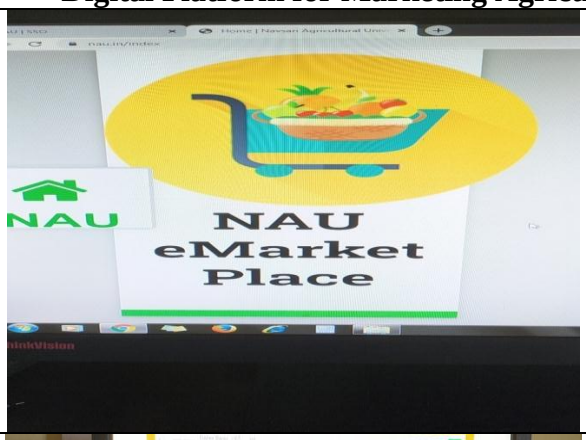

Market is open for Consumers

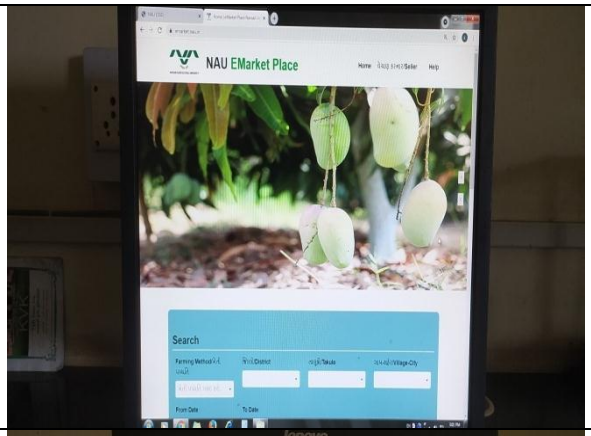

DDO and DDH Navsari visit the Natural Farming Marketing

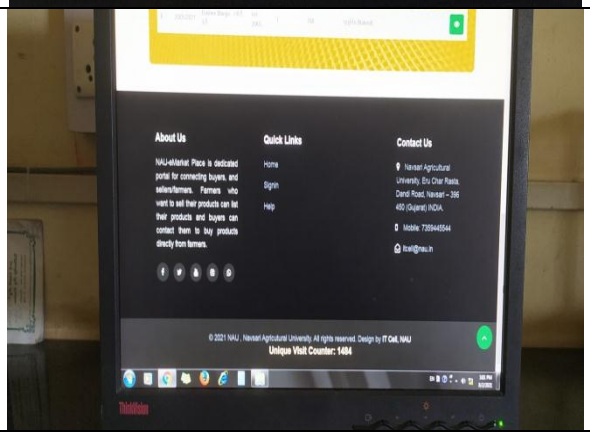
Digital Platform for Marketing of Agricultural and Horticultural Farm Produce

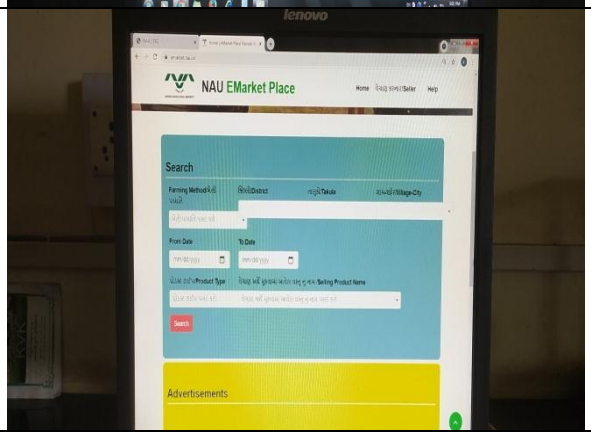
- Navsari Agricultural University (NAU), Navsari has initiated a Digital Marketing Platform to facilitate direct marketing of agricultural produce for farmers of Navsari district as well as farmers from other districts of Gujarat.
- The Department of Information Technology (IT), NAU, Navsari has developed and supports a farmer-centric digital portal that provides an online selling facility to farmers from any district of Gujarat.
- Through this portal, farmers can sell their products directly to consumers, ensuring elimination of middlemen and commission agents, thereby enhancing farmers' income and market access.

Digital Platform for Marketing Agricultural And Horticultural Farm Produce









6. Sub Mission on Agricultural Mechanization for implementation under Drone technology demonstration

An ATARI, Pune–sponsored project titled "Sub-Mission on Agricultural Mechanization (SMAM) for implementation through Drone Technology Demonstration" was implemented during 2023 with a total project cost of □ 17.5 lakh.

Under this project, □ 10.0 lakh was sanctioned for the procurement of a drone, while □ 7.5 lakh was allocated for conducting drone-based demonstrations on farmers' fields, amounting to a total sanction of □ 17.5 lakh.

The project covered approximately 250 hectares, with drone technology demonstrations conducted on farmers' fields across different villages of Navsari district.

Drone operation at farmers fields

H . FPO (Farmers Produce Organization) Formation in Navsari District

1. Krishi Vigyan Kendra (KVK), Navsari Agricultural University, Navsari has facilitated the formation of two (2) Natural Farming / Organic Farming Practitioner Farmer Producer Organizations (FPOs) in Navsari district.
2. Each FPO comprises 10 Board Members, including one Chief Executive Officer (CEO), one Chairman, and Directors, with approximately 900 farmer members enrolled in each FPO.
3. KVK, Navsari is providing continuous technical guidance and support on advanced agricultural practices to ensure the effective formation, management, and smooth functioning of the FPOs.
4. The two FPOs established are:
    1. Annapurna SPNF FPO Producer Company, Navsari
    2. Maa Ambika SPNF Producer Company Limited, Navsari

Annapurna SPNF FPO producer has successfully completed one year and is celebrated first annual meeting in the presence of Hon'ble MLA, Navsari Shri. Rakesh Desai along with 400 members

Ma Ambika SPNF Producer Company Limited, Navsari meeting with farmers

I . Demonstration Unit at KVK, Navsari

- Vermi compost unit
- NADEP compost unit
- Gangama Kitchen Garden unit
- Terrace Kitchen Garden unit
- Mushroom Demonstration Unit
- Azzola Demonstration Unit
- Tube well recharge by building water harvesting unit
- Fish pond
- Mulching plot
- Farm Equipment Exhibition unit
- Seed production plot
- Natural Farming- Input Production unit
- Natural Farming plot
- Solar operated irrigation pump facility
- AgroMet Weather station
- Green Net House Unit
- Mango Orchard Unit

J. Seed production at KVK (Year 2024-25)

At KVK, Navsari various seed had been produced for farmers during the year 2024 to 2025.

Sr. No.	Name of crop		Qty. (kg)	Income generated (Rs.)
1	Paddy	GR-17	6790	1,29,980/-
			1100	To be sale in Kharif-2026
	Total		**7890**	

Seed Sell in year 2025

Crop	Name of the crop	Name of the variety	Class of seed produced	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Paddy	GR-25	TF	6.00	19200	18
Pulses	Green gram	GM-6	TF	11.38	136560	24
	Chick pea	GG-5	CS	1.03	7210	10
Commercial	Sugarcane	CON-13072	-	306	1,10,000	-
		Total		**324.41**	**2,72,970**	**52**

Saplings produced at KVK, Navsari

Sr.No.	Name of crop	Qty. (no.)	Income generated (Rs.)
1	Brinjal	1280	1280
2	Cabbage	2135	2135
3	Tomato	750	750
4	Brocoli	220	440
5	Chilly	860	860
6	Dragon Fruit	986	34510
	TOTAL	**6231**	**39975**

Vegetables and other crop produced at KVK, Navsari

Sr. No.	Name of crop	Qty. (kg)	Income generated (Rs.)	Sr.No.	Name of crop	Qty. (kg)	Income generated (Rs.)
1	Brinjal	171	5000	**13**	Onion	130	3900
2	Tomato	58	1400	**14**	Cabbage	40	1600
3	Ridge gourd	160	6400	**15**	Cauliflower	60	2400
4	Sponge gourd	175	7000	**16**	Watermelon	3187	95610
5	Okra	232	9280	**17**	Fish	401	44110
6	Bottle gourd	109	4360	**18**	Sweetcorn	1535	30700
7	Bitter gourd	92	3980	**19**	Beet	217 no.	2170
8	Pigeon pea	89	7120	**20**	Banana	169	3380
9	Raddish	218 no.	2180	**21**	Green leafy vegetables	1571	15710
10	Indian bean	45	3600	**22**	Elephant foot yam	32	960
11	Cucumber	9	960	**23**	Cowpea	44	1760
12	Mango	330	33000				
	TOTAL		**84280**		**TOTAL**		**202300**
Grand total = 2,86,580 /- (In word Two Lakh Eighty Six Thousand Five Hundred Eighty Five only)							

Inputs availability and Marketing help to the farmers.

Sr. No	Name of Input Marketing through KVK	Qty.
1	Honey 1kg bottle	125 Bottle
2	Honey 500 gm. bottle	183 bottle
3	Honey 200 gm. bottle	170 bottle
4	Hair Oil	120 Bottle
5	Turmeric Powder	48 Packet
6	Red Chilly Powder	17 Packet

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg/Lit	Value (Rs.)	No. of Farmers	Remarks
Vermi Compost	Vermi Compost	1640 kg	-	-	Use in instructional farm of KVK

K. A Memorandum of Understanding (MOU)

A Memorandum of Understanding (MoU) was signed on 29 August 2025 between the College of Fisheries, Kamdhenu University, Navsari, and Krishi Vigyan Kendra (KVK), Navsari Agricultural University, Navsari. The MoU was signed by the respective Directors of Extension Education of both universities to facilitate demonstrations and training programmes on fish farming technologies for the benefit of farmers and students under the plan scheme "Establishment of Demonstration-cum-Training Centre in Inland Fisheries at Navsari." The MoU signing ceremony was held in the presence of Dr. Z. P. Patel, Vice-Chancellor, NAU, Navsari; Dr. P. H. Tank, Vice-Chancellor, Kamdhenu University, Gandhinagar; Dr. H. R. Sharma, Director of Extension Education, NAU, Navsari; Dr. M. M. Trivedi, Director of Extension Education, Kamdhenu University, Gandhinagar; and Dr. P. P. Patel, Assistant Professor, Kamdhenu University, Gandhinagar.

L. Remarkable activities of KVK, Navsari

[1]

MP Disha Darshan Programe

Hon'ble Shri. C. R. Patil Saheb, Union Minister of Jal shakti, New Delhi visited Navsari Agricultural University technology stall at Cultural Bhavan, Mahuvar under the 'MP Disha Darshan Program'


18.1.2025 MP Disha Darshan Programe, AT-Maroli

[2]

Technology Stall

Hon'ble Collector & District Magistrate Ms. Kshipra S. Agre, IAS ; Shri. Nareshbhai Patel, MLA, Gandevi; Ms. PushpLata, DDO, Navsari; Shri Dev Choudhary, Municipal Commissioner, Navsari and line department officer visited NAU technology stall department officer visited NAU technology stall.


18.1.2025 Technology Stall, AT-Maroli

[3]

Off campus training on Animal Science

KVK, Navsari and livestock research station, Kamdhenu University was jointly organized off campus training on Animal science. Both training respectively organized on 9.1.2025 & 28.1.2025 At Kukada & Kangvai village. Dr. M. A. Katariya & Dr. Sanjay Parmar Assistant Professor shared the technical knowledge about Animal nutrition & healthy calf rearing. Sarpanch of both village were present and encourage to farmers. About to farmers & farmwomen got benefited by Knowledge & guideline

09.01.2025 Village : Kukda

28.01.2025 Village : Kangvai

[4]

PM Kisan Samman samaroh Programm KVK, Navsari

Krishi Vigyan Kendra, NAU, Navsari organize PM Kisan samman Samaroh on the occasion of 19th installment of PM Kisan Samman Nidhi released by Hon'able PM Shri Narendra Modiji from Bhagalpur, Bihar. DM of Navsari Smt Kshipra Agre welcome the all dignitaries and gave brief about the importance of this PM Kisan programme. In this programme was organize on Presidential of Hon'able Central Cabinet Minister and member of parliament, Navsari Shri. C. R. Patil sir on 24/02/2025 and he emphasized on different scheme started by government of India and Gujarat for benefiting to the farmer's and farming community. He also narrated use of water is very much importance in Agriculture and house hold purpose. He urges the use of micro irrigation system for enhancing the yield of crops as well as water use efficiency. Hence 30 Aganwadi e-inaugurated by on this occasion president of district panchayat, BJP President, Navsari, Vice president district Panchayat, commissioner Navsari Mahanagarpalika, District Development Officer, Project Administer TSP, Vansda, other government officer and Director of Extension Education of NAU, Navsari remain present. Total 25 progressive farmer was facilitated who doing Natural farming/Organic farming and adopted latest technologies in his farming. Total 10 different farmers gave Rs.7.5 lakh benefit of agriculture and horticulture different scheme.




PM Kisan Samman samaroh Programm KVK, Navsari

[5]

Tuber Crop Value Addition

KVK, Navsari and vegetable science Department, ACH, NAU, Navsari jointly organized one day training programme on tuber crop cultivation and value addition. Dr. R. M. Naik, Principal & Dean Research as chief Guest and he emphasized on awareness on marketing management of tuber crop. Crates, Novel liquid fertilizer & seed of Greater yam input kit distributed among the farmers. There were 20 SC farmers from Kangvai, Ranverikhurd, Ranverikall were present and gave their valuable feedback in the programme.


[6]

Visited ICFRE-ARID Forest Research Institute

On 26th march 2025, Participants of "three-day residential training programs on "Quality planting material and Agro forestry" had visited KVK, Navsari and discussed on various planting techniques. The program was organized by ICFRE-ARID forests research institute, Jodhpur and college of forestry NAU, Navsari dated from 24 to 26 March 2025.

[7]

10 Days Vocational Training/Skill Development Training

KVK, Navsari organized Ten days vocational / skill development training in collaboration with the he Ambika High school Gadat. Main objective of training was develop student's skill in Agriculture base vocations KVK arranged the both practical & theorical schedule on KVK, Navsari organized Ten days Vocational/ Skill development training in collaboration with vermicompost, Natural farming practices value addition of Horticultural crops, Bio fertilizers Mango graft and Nursery raising Organic farming etc. 38 students of 11th standard were learn & benefited by the training.

[8]

FLD Training Programme

For the management of fruit fly in mango, Krishi Vigyan Kendra (KVK), Navsari Agricultural University (NAU), Navsari conducted a Front Line Demonstration (FLD) on the use of fruit fly traps on 28/03/2025. A total of 83 farmers and farm women participated from two villages, namely Satimal and Achchhavani, of Vansda district. The technical session was delivered by Dr. N. K. Kavad, Scientist, on the topic “Management of Fruit Fly in Mango and Use of Navroji Stone House Fruit Fly Trap.” Fruit fly traps were also distributed as inputs to all participants.

[9]

International Women's Day Celebration

KVK, Navsari and the Health Department, Jilla Panchayat, Navsari jointly celebrated International Women's Day. The Senior Scientist & Head, Dr. Kinal Shah, emphasized the importance of nutritional awareness among women. Shri Rajubhai Gamit, Programme Officer, delivered detailed information on tuberculosis and AIDS. Home Scientist Smt. Nital Patel shared knowledge on economic empowerment of women through value addition. About 140 farm women actively participated in the programme and benefited from the knowledge shared.

International Women's Day Celebration at, KVK, Navsari

[10]

Swachhta Action Plan (SAP) project

Under the Swachhta Action Plan (SAP) project, a programme on microbial-based agricultural waste management through vermicomposting and vermi-bed preparation was organized by Krishi Vigyan Kendra (KVK) at the adopted village on 8 April 2025.

Swachhta Action Plan

[11]

World Innovation and creation day

Reliance Foundation, Navsari and KVK, Navsari jointly organized World Creativity and Innovation Day on 21 April 2025. During the YouTube live webinar, KVK scientists shared valuable information on the topic "Impact of Climate Change on Mango and Varietal Selection for Mango Plantation."

[12]

On campus training and exposure visit

Krishi Vigyan Kendra (KVK), Navsari Agricultural University, Navsari, in collaboration with Akhil Bhartiya Katch Kadva Patidar Yuva Sangh – Dakshin Gujarat Vibhag, jointly organized a Khedut Shibir on the Role of Environment in Agricultural Development on 24/04/2025 at the KVK premises. The programme was conducted in the presence of Dr. H. R. Sharma, Director of Extension Education, NAU, Navsari, and Dr. K. A. Shah, Senior Scientist and Head, KVK, Navsari. More than 200 stakeholders actively participated in the event.

[13]

NMNF under Five day training on Natural farming

Under the National Mission on Natural Farming (NMNF), Krishi Vigyan Kendra (KVK), Navsari Agricultural University, Navsari organized a five-day training programme on Natural Farming at Chikhli from 12/05/2025 to 16/05/2025, with the active participation of farmers, stakeholders, and scientists. During the programme, progressive farmers shared their feedback and experiences on newly adopted technologies aimed at the overall betterment of the farming community. In addition, the National Mission on Natural Farming organized capacity-building programmes for Krishi Sakhis and Community Resource Persons at the Agriculture Department, Chikhli, in the presence of Dr. Satish Dhimmar, Project Director, ATMA; Dr. K. A. Shah, Senior Scientist and Head, KVK; KVK scientists; farmers; and other stakeholders of Navsari district.

[14]

Grow More Fruit crop

A farmers' training programme on "Grow More Fruit Crops" was jointly organized by the Deputy Director of Horticulture and Krishi Vigyan Kendra (KVK) on 21/05/2025. During the programme, Dr. Sumit Salunkhe delivered a lecture on scientific fruit crop cultivation and improved management practices, followed by a field visit to the farm of Shri Mukeshbhai Patel at Kurel Supa village, where farmers received practical exposure and guidance.

[15]

Krishi Rath and Pre-kharif campaign program under VKSA-2025

Hon'ble Vice Chancellor Dr. Z. P. Patel graced the flag-off ceremony of the Krishi Rath and Pre-Kharif Campaign Programme at Satimal village, along with Dr. H. R. Sharma, Director of Extension Education, NAU, Navsari, line department officers, ATMA staff, and progressive farmers under VKSA–2025.

[16]

Krishi Rath and Pre-Kharif Campaign Program

Under the directives of ICAR, Krishi Vigyan Kendra (KVK), Navsari launched the Viksit Krishi Sankalp Abhiyan, a nationwide campaign initiated by DARE/ICAR and the Ministry of Agriculture & Farmers' Welfare from May 29 to June 12, 2025. The campaign aims to promote scientific agricultural practices and enhance farmers' livelihoods through awareness camps and training sessions. During the initiative, scientists and experts engaged directly with farmers, offering practical guidance on innovative farming techniques, soil health management and climate-resilient strategies. The campaign was met with great enthusiasm, with local farmers appreciating the hands-on support and expert recommendations. In Navsari district, the campaign was conducted across 30 villages in six

Talukas, while parallel activities reached 120 villages, directly benefiting approximately 12,000 farmers through knowledge-sharing and advisory services. The Viksit Krishi Sankalp Abhiyan continues to empower the agricultural community, fostering progressive farming practices and strengthening farmer-scientist collaboration for long-term agricultural development.

[17]

Viksit Krishi Sankalp Abhiyan

Under the directives of ICAR, Krishi Vigyan Kendra (KVK), Navsari launched the Viksit Krishi Sankalp Abhiyan, a nationwide campaign initiated by DARE/ICAR and the Ministry of Agriculture & Farmers' Welfare from May 29 to June 12, 2025. The campaign aims to promote scientific agricultural practices and enhance farmers' livelihoods through awareness camps and training sessions. During the programme, scientists and experts directly engaged with farmers, providing practical guidance on innovative farming techniques, soil health management, and climate-resilient practices. The initiative was widely appreciated, with farmers valuing the hands-on support and expert advice.

Sr. No.	Date	Place	Total		
			M	F	T
1.	29.05.2025	Satimal & Badmal	900	308	1208
2.	30.05.2025	Upsal & Dholumber	812	414	1226
3.	31.05.2025	Kesali, & Kanera	418	190	608
4.	01.06.2025	Ranverikhurd & Mograwadi	451	138	589
5.	02.06.2025	Kakadveri & Naranpur	419	175	594
6.	03.06.2025	Kachholi & Pathri	389	243	632
7.	04.06.2025	Sultanpur & Sarav	402	212	614
8.	05.06.2025	Mogar & Bhulafaliya	141	12	153
9.	06.06.2025	Talavchora & Miyazari	427	196	623
10.	07.06.2025	Kelkutcha & Zari	398	229	627
11.	08.06.2025	Aat & Bodali	367	183	550
12.	09.06.2025	Nagdhara & Kurel	505	113	618
13.	10.06.2025	Manekpore & Vasan	367	165	532
14.	11.06.2025	Kharjai & Navanagar	347	278	625
15.	12.06.2025	Abrama & Dandi	318	198	516
		Total	**6661**	**3054**	**9715**


Krishi Vigyan Kendra
કૃષિવિજ્ઞાન કેન્દ્ર
Mogar, Gujarat, India
Vwxr+pgg, Mogar, Gujarat 396445, India
Lat 20.900103° Long 72.942575°
05/06/2025 11:53 AM GMT +05:30
Google
GPS Map Camera


Navsari,Gujarat,India
Talavchora Barolia Road, Chikhli, Navsari, Gujarat
396521, India
Lat 20.723003, Long 73.065165
06/06/2025 10:49 AM GMT+05:30
Note : Captured by GPS Map Camera
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Krishi Vigyan Kendra
કૃષિવિજ્ઞાન કેન્દ્ર


Kurel, Gujarat, India
X2vr+8r7, Kurel, Gujarat 396418, India
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[18]

World Environment day Celebration

Krishi Vigyan Kendra (KVK), Navsari, celebrated World Environment Day on 5th June 2025 at its campus with the active participation of 80 farmers and farm women from Vansda Taluka. The event included awareness sessions on sustainable farming practices, tree plantation activities and discussions on environmental conservation, aiming to sensitize farmers about the importance of protecting natural resources and adopting eco-friendly agricultural practices.

[19]

On Campus Training on Mouth Freshener

Krishi Vigyan Kendra (KVK), Navsari organized a one-day on-campus training programme on 19/06/2025 on mango kernel Mukhwas (mouth freshener) preparation under the ARYA Mango Processing and Value Addition component. The training aimed to promote the efficient use of mango and its byproducts, reduce waste, and raise awareness about the health and medicinal benefits of mango kernel, particularly in the prevention of vitamin B12 deficiency. A total of 30 farm women from six villages actively participated and benefited from the practical demonstrations and theoretical knowledge provided by KVK, Navsari.

[20]

World Yoga Day Celebration at, KVK, Navsari

World Yoga Day was celebrated at KVK, Navsari, on 21st June 2025. Farm women and KVK staff actively participated in yoga sessions, practicing various asanas and breathing exercises to promote physical and mental well-being, health awareness and a balanced lifestyle.

[21]

Three Day Workshop with EEI, AAU, Anand

The Directorate of Extension Education (DEE), NAU, Navsari, in collaboration with Krishi Vigyan Kendra (KVK), NAU, Navsari and Extension Education Institute (EEI), Anand, jointly organized a three-day workshop on “Strategic Communication Competence for Professionals” from 17th to 19th July 2025. The workshop was conducted in the presence of Dr. H. R. Sharma, DEE, NAU, Navsari, along with faculty from EEI, KVK and actively engaged participants.

[22]

PM Kisan Samman Nidhi Programme

Krishi Vigyan Kendra (KVK), NAU Navsari, in collaboration with Jilla Panchayat, organized a live telecast of Hon'ble Prime Minister Shri Narendra Modi, who released the 20th installment of the PM Kisan Samman Nidhi in Varanasi, Uttar Pradesh, for eligible beneficiaries on 2nd August 2025. The event was held at Tighara Wadi Hall, Navsari and was graced by the auspicious presence of Hon'ble Shri C. R. Patil, Union Minister of Jal Shakti, along with MLAs Shri Rakesh Desai (Navsari) and Shri Naresh Patel (Gandevi), Dr. H. R. Sharma, DEE, NAU Navsari, the Navsari District President, DM, DDO, District Agriculture Officers and local farmers. The dignitaries and farmers actively participated, making the occasion a memorable and successful event.

[23]

On-campus training " Kitchen Gardening and Sustainable Backyard Cultivation.

Krishi Vigyan Kendra (KVK), Navsari, organized an on-campus training on 7th August 2025 on "Kitchen Gardening and Sustainable Backyard Cultivation." The program aimed to promote self-reliant food production and nutrition. Dr. Sumit Salunkhe, Senior Scientist & Head, welcomed participants and highlighted branding for organic products, while Dr. Dixita Prajapati, Scientist (Horticulture) shared techniques on Biochar use and scientific kitchen gardening practices.

[24]

Khedut Shibir on Natural Farming

A one-day Khedut Shibir on the theme of Natural Farming was successfully organized on 8th August 2025 at Krushi Vigyan Kendra (KVK), Navsari. The event was jointly hosted by KVK Navsari and KRIBHCO, Surat in the auspicious presence of Dr. H. R. Sharma, Directorate of Extension Education, NAU, Navsari; Shri. D. M. Naik, Area Manager, KRUBHCO, Surat and KVK, Staff Moreover the aim of promoting sustainable and eco-friendly agricultural practices among local farmers. About 120 farmer and farm women actively participated and benefited by knowledge.

[25]

Parthenium Awareness Week

Krishi Vigyan Kendra (KVK), Navsari Agricultural University, Navsari organized Parthenium Awareness Week on 22nd August 2025 at KVK, Navsari and Khapariya villages of Navsari district, with active participation of farmers and rural youth. The programme aimed to create awareness about the harmful effects of Parthenium hysterophorus (Gajar Ghas/Congress Grass) and its management. Dr. S. R. Salunkhe, Senior Scientist & Head,

KVK, highlighted its adverse impacts on human health, livestock, crops and the environment, and emphasized integrated management practices. An awareness-cum-uprooting drive was conducted by Prof. Nital N. Patel, wherein farmers and KVK scientists actively removed Parthenium from fields and demonstrated safe uprooting and composting methods. In total, 26 farmers and farm women, along with 5 KVK scientists and staff, participated in the programme, which successfully motivated farmers to take preventive measures against Parthenium infestation in South Gujarat.

[26]

Women FPO Meeting Organized at KVK, Navsari

To address challenges in agricultural marketing, the Government of India promotes the formation of Farmer Producer Organizations (FPOs). Under the guidance of Hon'ble Vice Chancellor Dr. Z. P. Patel, NAU, Navsari, Krishi Vigyan Kendra (KVK), NAU, Navsari, in collaboration with True Life Enterprise, organized a Women FPO Meeting on 29 August 2025 at KVK, Navsari to link women farmers with value addition and agri-based entrepreneurship. Senior Scientist & Head Dr. Sumit R. Salunkhe highlighted the importance of FPOs for women farmers, while Shri Madhavbhai Joshi, State Nodal Officer, explained FPO objectives, functioning, and financial support. CBBO representative Shri Parth Kachiya briefed participants on FPO formation and activities. Scientists motivated women farmers to engage in collective enterprises and startups. More than 70 women farmers from various talukas of Navsari district participated actively. The programme concluded with a vote of thanks by Dr. Snehalkumar A. Patel.

[27]

Khedut Shibir

IFFCO and Krishi Vigyan Kendra (KVK), NAU, Navsari jointly organized a "Khedut Shibir" on 12 September 2025 at the Examination Hall, Navsari Agricultural University, Navsari. The programme aimed to link farmers with FPOs and promote value addition, agri-based entrepreneurship and collective farming. Dr. Hemant Sharma, Director of Extension Education, NAU, Navsari, presided over the programme and emphasized value addition, marketing and entrepreneurship development. Experts from NAU, IFFCO and agribusiness institutions shared insights on scientific sugarcane cultivation, pest and disease management, value addition and FPO formation. A field visit to KVK demonstration units was also organized to provide practical exposure to new technologies. The programme witnessed active participation of 192 farmers from 15 villages of Navsari district and The successful coordination of the entire program was carried out by the KVK scientists; Dr. Sumit R. Salunkhe, Prof. Makwana, Mrs. Nital N. Patel, Dr. Dixita Prajapati and Dr. Snehalkumar A. Patel and KVK team. The program concluded with a vote of thanks by Dr. Snehalkumar.


[28]

Training program on Terrace Gardening

An on-campus training program on Terrace Gardening was jointly organized by Krishi Vigyan Kendra (KVK), Navsari and IFFCO on 16th September 2025 to promote sustainable urban horticulture and create awareness about the benefits of kitchen gardening. The training aimed at equipping farmers, urban residents, and gardening enthusiasts with practical knowledge and techniques related to terrace gardening, flower cultivation, and kitchen gardens. The training program was coordinated by Dr. Dixita Prajapati, Scientist (Horticulture). She delivered an informative session highlighting the importance of terrace gardening, key considerations in its setup, selection of suitable crops, soil mixtures, irrigation techniques, and regular care required to maintain a productive terrace garden. Dr. Sumit Salunkhe, Senior Scientist and Head, inspired the participants with a motivational talk focusing on the importance of kitchen gardens. He encouraged farmers to adopt kitchen gardening as a means to improve their nutrition, reduce dependency on market vegetables, and cultivate chemical-free produce at home. An insightful lecture on flower crops in kitchen gardens and flower arrangement was delivered by Dr. Sudha Patil, Assistant Professor. Additionally, She demonstrated techniques of flower arrangement, providing valuable insights into its use for decorative and ceremonial purposes.

[29]

Gau Aadharit Prakrutik Kheti Prakalp programme

S.B. Garda College, Navsari, in collaboration with Krushi Vigyan Kendra, Navsari, celebrated the Azadi ka Amrut Mahotsav by organizing a Gau Aadharit Prakrutik Kheti programme on 17th September 2025 at Dantej village, near Navsari. About 21 progressive natural farming farmers participated in the khedut shibir. Prof. K. V. Makwana, Scientist (Plant Protection), and Dr. K. A. Shah, Assistant Professor (Agronomy), delivered expert talks on the importance of natural farming, soil health improvement, pest and disease management, and explained the preparation of natural inputs such as Bijamrut, Jivamrut and Ghanamrut, along with mulching and mixed cropping practices. An interactive discussion and question–answer session benefited the participating farmers.

[30]

Skill Development Training

A two-day hands-on skill development training on Candle and Decorative Diya Making was organized by Krishi Vigyan Kendra (KVK), NAU, Navsari from 30th September to 1st October 2025 under the guidance of Dr. Sumit R. Salunkhe, Senior Scientist & Head. The programme aimed to promote entrepreneurship and income generation among rural and young women. Prof. Nital N. Patel, Scientist (Home Science), delivered a session on women

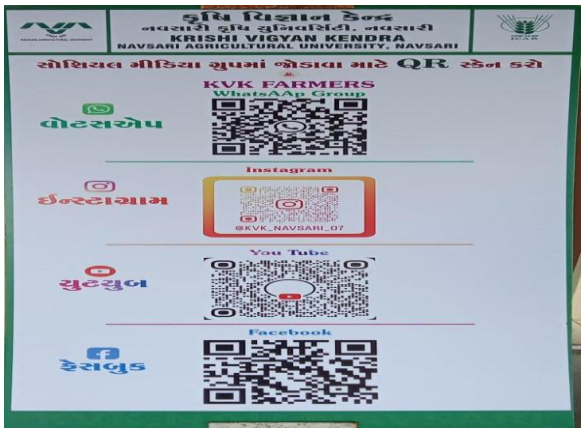
entrepreneurship development, while expert Smt. Falguni Patel conducted practical demonstrations and hands-on training on candle and diya making. 19 aspiring women entrepreneurs participated actively and expressed keen interest in starting small-scale ventures, thereby enhancing skills, confidence and self-reliance.

[31]

Special Event- KVK Navsari Social Media Access via QR Code

A special event was organized for the release of a QR code enabling easy access to the official social media platforms of Krishi Vigyan Kendra (KVK), Navsari Agricultural University, Navsari on 6th October 2025. The event was graced by Dr. H. R. Sharma, Director of Extension Education (DEE), NAU, Navsari. The QR code was innovatively developed under the guidance of Dr. Sumit R. Salunkhe, Senior Scientist and Head, KVK, NAU, Navsari and created by Dr. Snehalkumar A. Patel, Scientist (Extension Education) and Mrs. Nital N. Patel, Scientist (Home Science), KVK, NAU, Navsari. By simply scanning the QR code, farmers can conveniently join the KVK's official social media groups on WhatsApp, Facebook, Instagram and YouTube, bringing all communication channels together on a single platform. This initiative aims to enhance digital connectivity among farmers and stakeholders, making it easier for them to receive timely updates, expert advisories, success stories, training schedules, new technologies and agricultural innovations. Through this

unified digital platform, KVK, Navsari seeks to strengthen the dissemination of scientific knowledge and promote real-time interaction, ensuring that farmers remain informed, connected, and empowered in the era of digital agriculture.



[32]

Technology week celebration (06/10/2025 to 10/10/2025)

Krishi Vigyan Kendra (KVK), Navsari organized a one-week "Technology Week" from 6th to 10th October 2025 on the occasion of Krishak Swarna Samriddhi Week to create awareness among farmers about modern agricultural technologies. The programme was conducted in the presence of Hon'ble Dr. Z. P. Patel, Vice-Chancellor, NAU, Navsari; Dr. Hemant Sharma, Director of Extension Education, NAU, Navsari; Dr. Sumit Salunkhe, Senior Scientist & Head, KVK, Navsari; and KVK scientists.

During the week, various activities such as agricultural exhibition-cum-seminar, expert lectures on advanced agricultural technologies, film shows, farm visits, method demonstrations and Krushi Rath campaigns were conducted. More than 552 farmers participated in the programme and benefited from the knowledge shared.

Sr. No.	Date	Place	Title	M	F	T
i	06/10/2025	KVK, Navsari	Pre Rabi Plant Protection Measures	52	105	52
ii	07/10/2025	KVK, Navsari	Women Entrepreneurship Development	14	74	14
iii	08/10/2025	KVK, Navsari	ICTs Use in Agriculture and GST	47	79	47
iv	09/10/2025	Ancheli	Natural Farming	18	69	18
v	10/10/2025	KVK, Navsari	Kitchen Garden and Food Nutrition	16	48	16
			Total	**147**	**375**	**522**


First Day: Pre Rabi Plant Protection Measures


Second Day: Women Entrepreneurship Development


Third Day: ICTs Use in Agriculture and GST

Forth Day: Natural Farming

Fifth Day: Kitchen Garden and Food Nutrition

[33]

Workshop-cum-Training Programme

A Sensitization Workshop-cum-Training Programme on Innovative Agri-Startup Ideas Presentation was organized by KVK, Navsari on 6-7th November 2025. The inaugural address was delivered by Dr. Sumit R. Salunkhe, Senior Scientist and Head, KVK, NAU, Navsari, who encouraged students to develop innovative and practical agri-based startup ideas. The visit and training session were conducted by Dr. Snehalkumar A. Patel, Scientist (Extension Education) and Prof. Nital N. Patel, Scientist (Home Science), who guided students on entrepreneurship development and idea presentation. A total of 33 RAWE students from N. M. College of Agriculture, NAU, Navsari participated and presented their innovative startup ideas. The programme motivated students to transform their creative concepts into viable agri-enterprises contributing to sustainable rural development

[34]

Willing Farmers Training Programme on Natural Farming

Krishi Vigyan Kendra (KVK), Navsari Agricultural University, Navsari organized a three-day Willing Farmers Training Programme on Natural Farming on 07.11.2025, 11.11.2025, and 13.11.2025 under the guidance of Dr. Sumit Salunkhe, Senior Scientist & Head, KVK, Navsari. The programme aimed to promote sustainable and chemical-free farming practices. KVK scientists delivered lectures and conducted practical demonstrations on natural farming principles, preparation and use of bio-inputs, soil health management, and eco-friendly pest and disease management. The training received active participation from willing farmers and enhanced their knowledge, confidence, and adoption of natural farming practices.

Sr.No.	Date	Place	No. of participants		
			Male	Female	Total
1	07.11.2025	Chikhli	24	102	126
2	11.11.2025	Chikhli	72	53	125
3	13.11.2025	Chikhli	34	101	135
		Total	**130**	**256**	**386**

[35]

PM Kisan program - Natural Farming Khedut Shibir

Krishi Vigyan Kendra (KVK), Navsari Agricultural University organized a PM-KISAN Natural Farming Khedut Shibir on 19th November 2025 at the Central Examination Hall, NAU, Navsari to create awareness on the role of PM-KISAN financial support in promoting natural farming and sustainable agriculture. The programme was presided over by Dr. Hemant Sharma, Director of Extension Education, NAU, while Dr. H. M. Viradia, Registrar, NAU, graced the occasion as Chief Guest and Smt. Ambaben N. Mahla as Guest of Honour. Dr. Sumit R. Salunkhe, Senior Scientist & Head, KVK, Navsari briefed the participants on the objectives and importance of the programme.

Technical sessions on the benefits of natural farming and pest and disease management under natural farming were delivered by Dr. K. A. Shah and Prof. K. V. Makwana, Scientist, KVK, respectively. About 189 farmers from 21 villages of Navsari district actively participated and benefited from expert guidance. Farmers also witnessed the live webcast of the Hon'ble Prime Minister releasing the 21st PM-KISAN installment. The event was meticulously organized by Dr. S. R. Salunkhe, Dr. Snehalkumar Patel, Prof. Nital Patel, Prof. K. V. Makwana and Dr. Dixita Prajapati. The session concluded with Vote of Thanks delivered by Prof. Nital Patel, expressing gratitude to all dignitaries, participants and staff for making the programme successful.



[36]

A Terrace Kitchen Garden visit

A Terrace Kitchen Garden visit was organized at Krishi Vigyan Kendra (KVK), Navsari to demonstrate space-efficient and sustainable vegetable cultivation techniques. Participants gained practical knowledge on crop selection, organic inputs, and maintenance of terrace kitchen gardens for household nutrition.

Sr.No.	Date	Village	Total Farmers Visited
1	07/11/2025	Umarkui	31
2	11/11/2025	Navsari	10
3	15/11/2025	Dharampuri	41
4	17/11/2025	Bhinar	18






[37]

One-day on campus training and exposure visit on Natural Farming

Krishi Vigyan Kendra, Navsari Agricultural University, in collaboration with the Directorate of Extension Education and the Prakrutik Krushi Vikas Board, Gandhinagar, successfully organized a one-day training and exposure visit on Natural Farming on 29th Nov 2025 at Examination hall, NAU, Navsari. Key addresses were delivered by Dr. Satish Dhimmar, Dr. S. D. Kavad and Dr. Nitin Gamit followed by technical lectures from Dr. K. B. Rakholiya, Professor & Head, Pathology Dept., NMCA and Dr. K. B. Patel, Associate Professor, Polytechnic. Over 200 natural farming farmers from 6 district of south Gujarat had activity participated in the program. The program was well organized under the guidance of Dr.Sumit

R. Salunkhe, Senior Scientist and Head and his team Dr.Snehalkumar Patel, Prof. Nital and Pate and Prof. K. V. Makwana and KVK staff. A formal Vote of Thanks was delivered by Dr. Snehalkumar A. Patel, KVK Navsari.

[38]

"Millionaire Farmer of India Award" ceremony

Krushi Jagran, New Delhi, organized the "Millionaire Farmer of India Award" ceremony at ICAR–IARI, Pusa, New Delhi during December 7–9, 2025. The prestigious event aimed to acknowledge and celebrate the exceptional contributions of farmers across the country who are actively engaged in Natural Farming. A total of 25 women farmers from Gujarat states were nominated and felicitated with the award for their outstanding work in promoting chemical-free, eco-friendly farming practices. Among them 10 women farmers from South Gujarat were honored with the Millionaire Farmer of India Award, recognizing their commitment, innovation, and success in the field of Natural Farming. To celebrate this remarkable accomplishment, a felicitation programme was organized at KVK, NAU, Navsari on December 11, 2025. The programme was chaired by Hon'ble Vice Chancellor Dr. T. R. Ahlawat, Navsari Agricultural University, Navsari who personally felicitated the award-winning farmers with certificates and expressed deep appreciation for their dedicated efforts toward advancing Natural Farming. Director of Extension Education, Dr. H. R. Sharma, also felicitated the farmers and praised their significant contributions to promoting Natural Farming techniques within their communities. Dr. Sumit Salunkhe, Senior Scientist and Head, KVK, NAU, Navsari, congratulated all the awardees and encouraged them to continue serving as role models for other farmers by demonstrating the benefits and potential of Natural Farming.

[39]

Khedut Shibir

One-day Khedut Shibir on Integrated Farming System was jointly organized by KVK, NAU, Navsari and ICDP, Navsari on 16 December 2025. The programme was inaugurated by Dr. Sumit Salunkhe, Senior Scientist & Head, KVK, Navsari. Technical sessions included lectures on animal feed and nutrition management by Dr. Sunilkumar, scientific vegetable cultivation by Dr. N. K. Patel, benefits of Integrated Farming System by Dr. V. M. Prajapati, and nursery accreditation by Dr. Dixita Prajapati. Over 100 farmers from Chikhli and Gandevi talukas actively participated, gaining practical knowledge on integrated farming practices.

[40]

On campus training

"Training Programme on Leadership Development among Agricultural Stakeholders" was organized by Krishi Vigyan Kendra, NAU, Navsari in collaboration with BAIF, Navsari, L&T Navsari and Kotak Mahindra Bank on 22 December 2025 at KVK, Navsari. The programme aimed to enhance farmers' knowledge on government Schemes, Value Addition in Agriculture, Natural Farming and more. In Program Dr. Sumit Salunkhe, Senior Scientist and Head, KVK, briefed about the program; Dr.Snehalkumar A Patel, Scientist, KVK, discussed on Government Schemes; Mr. Keyur Patel, PMFME, discussed on Food Processing Schemes; Mr. Saurav Chakraborty, L&T, Encouraged stakeholder to do farming; Mr. Kalpesh Bhoye, BAIF, Prof. Nital Patel, Prof. K V Makwana was present. The programme concluded with a vote of thanks by Prof. Nital N. Patel, Scientist, KVK, Navsari. In total 51 Progressive Stakeholder from Navsari district had actively participated in the training programme.

[41]

Kisan Samman Diwas and an awareness programme

Kisan Samman Diwas and an awareness programme on Vikshit Bharat – G RAM G Bill, 2025 was organized under the chairmanship of Dr. H. R. Sharma, Hon'ble Director of Extension Education at KVK,NAU, Navsari on 23rd December, 2025. Dr. Sumit Salunkhe, Head of KVK, welcomed all the dignitaries and farmers. Dr. Hussain delivered an expert lecture on the Guarantee Rojgar Awareness Mission (Gramin) Bill, 2025, highlighting its objectives and benefits for rural development. Dr. Dixita Prajapati, Scientist (Horticulture), delivered a lecture on Entrepreneurship Development through Nursery Business under the ARYA Project, motivating farmers towards self-employment and agribusiness opportunities. On the occasion of Kisan Samman Diwas, ten progressive farmers were felicitated with certificates and mementos in recognition of their contributions to agriculture. A live webcast of the address by the Hon'ble Union Minister of Agriculture and Farmers Welfare was also arranged at KVK. Around 100 farmers participated in the programme and were briefed about the provisions and importance of the Gramin Bill, 2025. The programme concluded with a vote of thanks proposed by Mrs. Nital Patel. Dr. Snehal Patel and other KVK staff members were also present during the programme

[42]

Swachhta Action plan and FLD plot visit of Kitchen garden

A field demonstration visit was conducted at Manekpore Village under the Swachhta Action Plan, organized by KVK, Navsari with Prof. Nital Patel, Scientist (Home Science), KVK Navsari. The visit aimed to promote microbial waste management through microbial composting and vermicomposting to stabilize biodegradable waste, bioremediation techniques to clean legacy landfills, and included visits to FLD plots on kitchen gardens and biofertilizer application in Sapota.

[43]

Celebrated Swachhata Pakhwada 2025

Krishi Vigyan Kendra, Navsari Agricultural University, Navsari celebrated Swachhata Pakhwada 2025 from 16th to 30th September 2025 with various cleanliness and awareness activities. The event aims to promote hygiene, sanitation and environmental responsibility among farmers, students and the rural community.

M. Visit of Dignitaries to KVK, Navsari

Throughout the year, Krishi Vigyan Kendra (KVK), Navsari received visits from various dignitaries and officials, providing opportunities for interaction, knowledge exchange and firsthand observation of KVK's ongoing programmes and demonstrations.

No.	VIPs/ Guests	Designation and Address	Date of Visit
1.	Dr. S.R.K. Singh	Director (ICAR-ATARI, Jabalpur, M. P.	8/01/2025
2.	Dr. Imtiaz Ahemad	Assistant Professor (ICAR Seed monitoring team member, UAS Karnataka	3/02/2025
3.	Dr. P. H. Tank	Vice Chancellor of Kamdhenu University	25.06.2025
4.	Shri R. C. Patel	MLA, Jalalpore	02.08.2025

Director, ICAR-ATARI, Jabalpur, M.P at, KVK, Navsari

ICAR Seed monitoring team member, UAS Karnataka at, KVK, Navsari

Vice Chancellor of Kamdhenu University, Dr.P. H. Tank at KVK, Navsari


Shri R.C.Patel, MLA, Jalalpore at KVK, Navsari

N. Award Received

[1]

Received Best Presentation Award

KVK, Navsari received the ***Best Presentation Award*** during the 8th Annual Divisional Workshop of KVKs held at Bhuj, Gujarat. The closing session was graced by Dr. Singh (Former Chancellor, Bihar Agricultural University, Bhagalpur), Dr. Kokate (Former Deputy Director General, ICAR, New Delhi), Dr. M. M. Officer (Former Chancellor, BCKV, Mohanpur), Directors of ICAR from Maharashtra, Gujarat and other dignitaries. The workshop was attended by 82 senior scientists and heads from Maharashtra, Gujarat and Goa.


[2]

Millionaire farmer of India (MFOI) Awards

The "Millionaire Farmer of India Award" ceremony was organized at ICAR-IARI, Pusa, New Delhi, from 7–9 December 2025 to honor exceptional farmers actively engaged in Natural Farming across India. A total of 25 women farmers from Gujarat were nominated and felicitated for their remarkable contributions to chemical-free and eco-friendly farming practices, including 10 women farmers from South Gujarat who received the prestigious award for their innovation, commitment and success in Natural Farming.

To celebrate this achievement locally, a felicitation programme was held at KVK, NAU, Navsari on 11 December 2025. The event was chaired by Hon'ble Vice Chancellor Dr. T. R. Ahlawat, who personally felicitated the awardees with certificates and appreciated their efforts in advancing Natural Farming. Dr. H. R. Sharma, Director of Extension Education, also honored the farmers for their contributions, while Dr. Sumit Salunkhe, Senior Scientist & Head, KVK, NAU, Navsari, congratulated the awardees and encouraged them to continue serving as role models for other farmers, demonstrating the benefits and potential of Natural Farming.

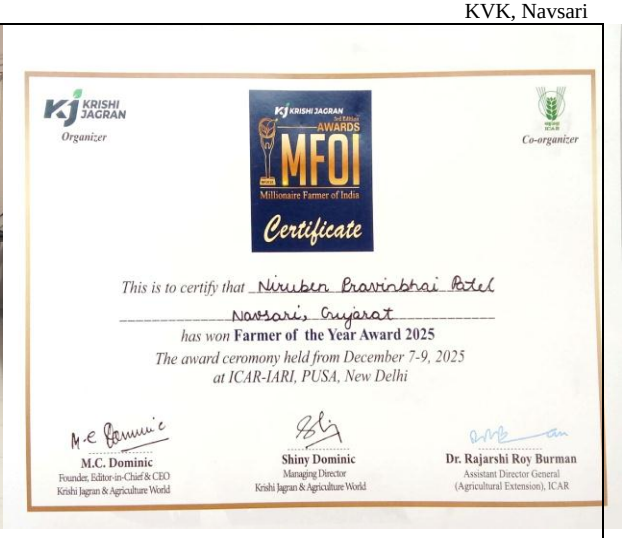
Name – Ambaben Nanubhai Mahla, Village- Satimal(Vansda)

Name-Laxmiben Laxmiben Balvantbhai Patel,Village- Aat

Name- Sukhiben Jinabhai patel, Village – Nanikarod

Name- Niruben Gulabbhai patel, Village- Abaram

Name- Belaben Natvarlal patel, Village – Abrama



Nmae- Niruben Pravinbhai Patel, Viilage – Sindhai

Name- Rekhaben Jaytibhai Patel, Village- Aat

Name- Jasuben Mohanbhai Patel, Villgae- Vedchha

Name- Jyotiben Kishorechandra Patel, Village – Ancheli

Name- Anitaben Prakashbhai patel, Village - Chijgam

O. SUCCESS STORY 2024-25

Natural Farming

<table>
<tr><td>1</td><td>Name</td><td colspan="2">Hemantbhai Bhikhubhai Patel</td><td rowspan="6">  </td></tr>
<tr><td>2</td><td>Address</td><td colspan="2">Village: Sadlav, Taluka: Navsari, Dist.: Navsari</td></tr>
<tr><td>3</td><td>Education</td><td colspan="2">12th (Pass)</td></tr>
<tr><td>4</td><td>Mobile No.</td><td colspan="2">9924185873</td></tr>
<tr><td>5</td><td>Age</td><td colspan="2">47</td></tr>
<tr><td>6</td><td>Total Land Holding</td><td colspan="2">5 Vigha</td></tr>
<tr><td>7</td><td>Cultivated Crops</td><td colspan="3">Sugarcane and paddy</td></tr>
<tr><td>8</td><td>Situation analysis & Problem statement</td><td colspan="3">For the past 10 years, he has cultivated various crops using chemical fertilizers and different pesticides for pest and disease management. As a result, the potential yield was not achieved and the cost of cultivation increased.</td></tr>
<tr><td>9</td><td>Plan, Implement and Support</td><td colspan="3">With the objective of achieving higher yields and reducing the cost of cultivation through natural farming, the he planned to adopt new technologies. After the intervention of KVK, the farmer began participating in various natural farming meetings and training programmes conducted both within and outside the state.
Based on the trainings received, the he adopted several natural farming practices with technical support from KVK and is also serving as a district-level master trainer. HE mainly cultivates sugarcane and rice as the main crops. In addition, mung bean is grown as an intercrop between the main crops.
After that, He adopted recommended natural farming inputs, including application of Jivamrut @ 500 litres per acre during each irrigation and Ghan Jivamrut @ 1000 kg per acre, applied five times in a year. For management of insect pests, particularly whitefly, Dashparni Ark was used effectively as a plant-based bio-pesticide.</td></tr>
<tr><td>10</td><td>Outcome</td><td colspan="3"></td></tr>
</table>

Sr.No	Information	Chemical farming cost (Rs)	Natural farming cost (Rs)
1.	Seed cost	30,000/-	25,000/-
2.	FYM cost	15,000/-	15,000/-
3.	Fertilizer cost	35,000/-	Naturally input cost 25,000/-
4.	Irrigation cost	15,000/-	15,000/-
5.	Disease/ insects control cost	15,000/-	15,000/-
6.	Labour cost	15,000/-	20,000/-
7.	Miscellaneous cost	20,000/-	10,000/-
8.	Production total cost	1,40,000/-	1,25,000/-
9.	Production tones/ha	70 tones	77 tones
10.	price Rs/ tones	3000/-	3000/-
11.	Total income	2,10,000/-	2,31,000/-

<table>
<tr><td>11</td><td>Impact</td><td colspan="3">As per the analysis in sugarcane cultivation, the total cost of chemical farming is approximately Rs. 1,40,000 per hectare, whereas the cost under natural farming is reduced to about Rs. 1,25,000 per hectare. Under natural farming practices, sugarcane productivity increased by 8–10 %. In addition, natural farming helped in</td></tr>
</table>

		the **restoration of soil health**, improvement in **nutrient availability**, enhancement of **soil carbon content**, and better **soil structure**. Compared to chemical farming, natural farming resulted in a **12–15 % higher net income**. This model of natural sugarcane cultivation has been successfully adopted by **Shri Hemantkumar B. Patel**, a progressive farmer from **Sadlav village**, who has been continuously practicing natural farming in sugarcane for the last **3 years**. Regular application of natural farming inputs has led to improved soil health and sustained increase in sugarcane production, demonstrating promising long-term benefits and a positive outlook for the future of natural farming.

ARYA Mango Processing

Background

Jyotiben K. Patel is a small farmer from Ancheli village in Gandevi Taluka of Navsari District. She is a graduate and owns 4 hectares of land. Before the intervention of the KVK, she was not aware of mango processing techniques or the use of preservatives. She also lacked knowledge of scientific methods such as using a Brix meter and thermometer. As a result, she faced problems such as bottle bursting, discoloration, burning and microbial contamination.

Intervention

- KVK organized various training programs on mango processing.
- Farmers received proper technical knowledge about different types of value-added products made from mangoes.
- Emphasis was placed on hygiene, cleanliness and safety measures.
- They began using disinfectants, gloves, masks, hair caps, aprons, and fire extinguishers.
- The use of thermometers and Brix meters was introduced.
- Public trust in their products increased.
- Microbial analysis of the products was initiated.
- Issues such as bottle bursting, discoloration, and burning effects were resolved.
- Laboratory analysis showed no microbial contamination in the products

Impact:

Economics		
1	Number of Bottles prepared (Rs)	3600
2	Selling price (Rs)	170
3	Gross income per year (Rs)	6,12,000
4	Cost (Rs) 80 Rs per bottle	2,88,000
5	Profit (Rs) (12 month)	3,24,000

ARYA Mango grafting

Background:

Mr. Jayantibhai Magjibhai Chaudhari is a small farmer from Limzar village of Vansda taluka in Navsari district, owning one acre of agricultural land. Prior to the intervention, he had limited knowledge of mango grafting techniques and was unaware of the concepts of mother plot establishment and maintenance. He also lacked exposure to multiple grafting on a single plant and had no information about the Sonpari hybrid mango variety and the saddle grafting method.

Intervention

- A total of 4,000 grafts were collectively prepared by the group members.
- Shri Jayantibhai Magjibhai Chaudhari, resident of Tanu Falia, Limzar Block, Vansda (Navsari District), successfully marketed and sold all 4,000 mango grafts on a commercial basis.
- At present, KVK, Navsari is actively focusing on strengthening and promoting graft marketing initiatives

Impact

- Public confidence and trust in the initiative have increased significantly.
- The practice of multiple grafting in mango cultivation has been successfully introduced and adopted.
- Awareness and adoption of hygiene, cleanliness, and safety protocols have improved substantially.
- Novel Banana sap and other pesticides are now being used judiciously and in precise quantities, strictly based on crop requirements.

Economics		
1	Produce (grafts)	7000
2	Price (Rs)	80
3	Income (Rs)	5,60,000
4	Cost (Rs)	84,000
5	Profit (Rs) (12 month)	4,76,000


Herbal Soap and Shampoo: Brightening the Livelihood of Rural Women

Introduction

Before the industrial revolution, people relied entirely on natural resources for food, medicines, cosmetics, and personal hygiene. Traditional soaps and hair cleansers made from plant oils, herbs, and medicinal extracts were safe and eco-friendly. However, industrialization led to the widespread use of chemical-based products, resulting in skin disorders, hair problems, and environmental pollution. Growing awareness of these adverse effects has renewed consumer preference for herbal and natural products, reviving demand for handmade soaps and shampoos and opening new avenues for rural micro-enterprises.

Herbal soap and shampoo making is a low-cost, skill-based enterprise well suited for rural women. With proper training in formulation, herbal ingredient selection, fragrance blending, and molding techniques, women can produce quality products for both rural and urban markets. Recognizing this potential, Krishi Vigyan Kendra (KVK), Navsari organized specialized training programs to motivate farm women and provide technical guidance on production, enterprise establishment, and quality maintenance. These interventions promoted self-employment, income generation, and women empowerment, thereby strengthening rural livelihoods.

Importance of Herbal Soap and Shampoo Enterprises

The herbal soap and shampoo enterprise holds special significance in the context of rural development due to the following reasons:

- **Low start-up cost** and minimal infrastructure requirement
- Utilization of **locally available herbal resources**
- Growing market demand for **chemical-free and eco-friendly products**
- Generation of **self-employment opportunities** for rural women
- Enhancement of **value addition and entrepreneurship skills**
- Contribution to **sustainable and green livelihoods**

Such enterprises align well with national priorities like *Atmanirbhar Bharat*, women empowerment, and promotion of rural micro-enterprises.

Problems Faced by Rural Women and Farm Families

Despite having interest and potential, rural women face several challenges in adopting income-generating activities:

1. Limited access to **skill-based training**
2. Lack of **technical knowledge** about product formulation
3. Fear of market risks and low confidence to start enterprises
4. Inadequate guidance on **costing, pricing, and packaging**
5. Poor exposure to **marketing and branding**

6. Dependence on agriculture with **seasonal and uncertain income**

Addressing these constraints requires institutional support, continuous handholding, and confidence-building measures.

KVK Intervention

Krishi Vigyan Kendra (KVK), Navsari Agricultural University, Navsari, recognized the potential of herbal product-based enterprises for rural women and intervened strategically to promote livelihood security.

Training Program by KVK

KVK organized **two on-campus vocational training programs** on *Herbal Soap and Shampoo Preparation*, covering **90 farm women**. The training emphasized both theoretical and practical aspects.

Major Interventions by KVK

- Motivation and awareness to **start women-led enterprises**
- Hands-on training on **herbal soap and shampoo preparation**
- Guidance on **selection of herbal ingredients, oils, fragrances, and preservatives**
- Skill enhancement in **molding, packaging, labeling and quality control**
- Technical guidance for **establishing production units**
- Advisory services on **cost economics and pricing**
- **Follow-up visits and continuous technical back-up** during enterprise operation

This systematic intervention helped women overcome initial hesitation and transition into confident entrepreneurs.

Outcome and Impact

Out of the 90 trained women, **7 viable units** were identified and all **7 units were successfully established**. These women entrepreneurs are actively producing and marketing herbal soaps and shampoos in their local areas.

On average, each entrepreneur produces:

- **872 herbal soaps per year**
- **1238 shampoo bottles per year**

The enterprises generated **net annual returns ranging from □ 78,700 to □ 1,39,000** with a **Benefit–Cost (B:C) ratio of 1.3 to 1.6**, indicating economic viability and profitability.

Economics of Herbal Soap and Shampoo Enterprise

Economics of One Successful Entrepreneur

Name	Village	Soap Production (No./Year)	Shampoo Bottles (No./Year)	Gross Income (□ /Year)	Gross Cost (□ /Year)	Net Return (□ /Year)	B:C Ratio
Shamaben Zakirhussai	Khergam	872	1,238	2,17,400	80,900	1,36,500	1.6

n Mulla							

This clearly demonstrates that herbal soap and shampoo production is a **profitable micro-enterprise**, capable of enhancing household income and financial stability.

Conclusion

The herbal soap and shampoo enterprise has emerged as an effective livelihood option for rural women, combining traditional knowledge with modern entrepreneurial skills. The intervention of KVK, Navsari played a crucial role in transforming trained farm women into successful micro-entrepreneurs by providing skill-based training, technical guidance and continuous support.

Use of Biofertilizer in Sapota

Name	Natvarlal Somabhai Patel
Address	Abrama, Samaj Mandir Faliya Abrama, Navsari
Mobile No	8758339848
Age	71
Education	SSC
Land Holding	3 ha
Farming Experience	35 Years
Crops Grown	Sapota, Mango
Livestock	Nil
Before Contact with KVK	No awareness about use of biofertilizer in sapota
After KVK Guidance	After receiving systematic guidance and technical support from the KVK, the sapota farmer adopted the use of biofertilizers as part of an improved nutrient management strategy. As a result of this intervention, the farmer observed improved soil health, better root development, and enhanced nutrient uptake by the plants. Gradually, there was visible improvement in vegetative growth, flowering, and fruit set in sapota.

Production Detail

Result to adopt this technology

- Quality fruits
- Improve soil health and increase yield of sapota

	Sapota	
	Control	**Biofertilizer application**
Area	**0.5 ha**	**0.5 ha**
Yield	**11 tones**	**13 tones**
Price (q)	**700 Rs. / 20 kg**	**700 Rs. / 20 kg**
Income	**385000**	**455000**
Cost	**81500**	**82640**

	Profit (12 month)	**303000**	**372000**

Introduction of high yielding and wilt resistance Chick pea newly released variety
Crop and Variety: Chick pea and GG-5 (Rabi -2024)

Profile of farmer					
Name	**:**	Ranjanben M. Patel	**Age**	**:**	45
Village	**:**	Mohanpor	**Education**	**:**	12th Pass
Taluka	**:**	Gandevi	**Land holding**	**:**	2.5 ha
Dist.	**:**	Navsari	**Farming Experience**	**:**	24 year
Mo. no	**:**	9925607955	**Crops grown**	**:**	Paddy, Chick pea, Green gram, Mango and Sapota

BEFORE CONTACT WITH KVK

Wilt disease had become a major constraint to her chickpea production. Due to continuous cultivation of chickpea in the same field for nearly 12 years without adopting plant protection measures, she obtained very low yields. After visiting the demonstration plot at KVK, she was convinced and decided to adopt the recommended guidelines.

Details of technology demonstrated:

Area	-	1 vigha (0.2 ha)
Variety	-	Gujarat Chick Pea - 5
Spacing	-	30 cm
Seed Treatment	-	Thiram @ 3 gm/kg seed Rhizobium, PSB and KMB each @ 10-20 ml/kg seed
Seed rate	-	60 – 70 kg/ha
Nutrient management	-	20:40:00 kg NPK/ha
Weeding	-	Twin Wheel hoe weeding
Micro-nutrients	-	Spraying of Novel liquid fertilizers @1% at flowering and pod setting stage

Institutional Involvement:
Farmers training + frequent field visit + guidance as when as required
Success Point:

- Adoption of short durations and wilt resistance high yielding variety
- Integrated nutrient management in crop
- Scientific method of cultivation practices adopted

Farmer Feedback:

Variety having very good yield and wilt incidence was very less

Yield (q/ha)	
Demonstration	14.40
Potential yield of variety/technology	21.00
District average	8.8
State average	13.5

Performance of technology (Increase in productivity and returns)

Practice used	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Farmer practices	11.25	34180	56970	22790	1.67
Demonstration	14.40	32540	73223	40683	2.25
% Increase	27.81	-4.80	28.53	78.51	35.01

Chick Pea plot of Ranjanben M. Patel

P. Internship Programme

Krishi Vigyan Kendra (KVK) provides **hands-on internship training in agriculture** to **Agriculture, BRS and other allied discipline students**, focusing on practical exposure to crop production, extension activities and farm-based technologies. The program enhances **technical skills, field experience and professional competence** for future careers in agriculture and rural development.

Sr. No.	College/Institute name	Date	No of students
1.	College of Agriculture, NAU, Bharuch	24/09/2025 to 17/10/2025	19
2.	NMCA, NAU, Navsari	30/10/2025 to 09/11/2025	30
3.	NMCA, NAU, Navsari	10/11/2025 to 18/11/2025	29
4.	NMCA, NAU, Navsari	19/11/2025 to 28/11/2025	33
5.	NMCA, NAU, Navsari	29/11/2025 to 07/12/2025	33
6.	NMCA, NAU, Navsari	08/12/2025 to 16/12/2025	33
7.	BRS College Dumiyani, Rajkot	20/11/2025 to 10/12/2025	04
		Total	**181**

Q. Women Empowerment through Group Approach:

KVK, Navsari has systematically strengthened women empowerment in agriculture by creating a safe, inclusive, and women-friendly extension ecosystem. Special emphasis has been given to enhancing women's participation, leadership, decision-making capacity and access to technologies through a structured group approach. Farm women groups have been successfully formed in 60 villages, led by 159 trained women farm leaders. Each leader coordinates and mentors approximately 50 farm women members, ensuring effective dissemination of agricultural and allied sector technologies, collective action and confidence building among rural women.

Strategies of extension development:

KVK, Navsari strengthened women participation through identification and capacity building of village-level women leaders, organization of Innovative Women Farmers' Meets for peer learning and regular ICT-based advisory services using mobile and multimedia tools. The approach promoted women-led enterprises in kitchen gardening, nursery raising, value addition, natural farming and allied activity.

Role of Line Departments in Women Empowerment:

Line Departments have actively collaborated with KVK, Navsari in implementing women-focused agricultural development programmes. The departments have appreciated KVK's gender-sensitive extension strategies, validated through feedback from innovative and successful women farmers and have formally certified KVK's contributions toward strengthening women's role in agriculture and allied sectors

Farmers and stake holders:

Farm women are the core beneficiaries and key stakeholders of KVK, Navsari. The KVK team maintains close engagement with women farmers, prioritizing their economic empowerment, skill enhancement, and livelihood security. Innovative women farmers and women-based stakeholder groups have expressed high satisfaction with KVK's participatory approach, respectful engagement, and supportive extension services, and have acknowledged the positive impact on their income and self-reliance.

Status in the District:

In view of the transparent, inclusive, and women-oriented development activities carried out by KVK, Navsari, the District Administration, including the Hon'ble Executive Magistrate & Collector, District Development Officer (DDO), and other key officials, has appreciated and certified KVK's efforts. District authorities have also expressed interest in implementing women-centered agricultural and livelihood development projects through KVK, reinforcing KVK's position as a nodal institution for women empowerment in agriculture within the district.

Overview for KVK development:

To further expand the reach and effectiveness of women empowerment initiatives, KVK, Navsari envisions strengthening its extension system through:

- Establishment of dedicated women extension functionaries with advanced training in gender-sensitive approaches.
- Wider use of digital platforms, ICT tools, and multimedia resources tailored to women farmers' needs.
- Strengthening women-led Farmer Producer Groups (FPGs), SHGs, and agri-enterprises for sustainable income generation.
- Enhanced convergence with line departments and schemes focused on women entrepreneurship and rural livelihoods.

R. Impact of extension activities (Trainings/Demonstration)- Feedback:

Agronomy:

- Increased in knowledge and awareness about new varieties of paddy (GR-17, GNR-7, GNR-9, GR-15).
- 78% farmers adopted these new varieties.
- 71% farmers adopted new varieties in gram and Tur crops.
- 20 % farmers adopted intercrop cultivation in sugarcane crop
- 48 % farmers adopted integrated nutrient management technologies.
- 81 % farmers shown keen interest in bio-fertilizer, organic manure and green manure.
- 82 % farmers adopted yellow vein mosaic resistant variety GM-6 of green gram.

Horticulture:

- Significant impact on farmers adopting and succeeding in dragon fruit cultivation through training and FLD.
- The majority of farmers had awareness about the cultivation of improved varieties of little gourd (GNLG-1) and pointed gourd (GNPG-1) through proper nutrition management.
- 70 % of farmers adopted the cultivation of GNT-3 and GNT-4 varieties of turmeric.
- Enhanced farmer awareness on biofertilizer application for soil health improvement.
- Through kitchen garden training and FLDs, farmers effectively use backyard space to produce healthy food.
- Farmers gained technical knowledge regarding nursery management. They prepared their own nurseries and generated income throughout the year.
- Increased awareness among farmers to use quality planting material.
- 50 % Farmers have adopted the cultivation of grafted brinjal.

Plant protection:

- Farmers started diagnosis of various crops with research institute about pest and disease
- Increased knowledge of the farmers regarding major insect-pest infestation and its control measure for sugarcane, paddy, mango, sapota and vegetables.
- Natural farming practitioner are increased in the district
- Increased awareness of farmers regarding judicious use of pesticide and fungicide.
- Farmers have realized the importance of bio-control and bio-agent
- 31% farmers aware about IPDM technology

- Farmers are awarded about the importance of healthy seed and seed treatment for reducing seed borne diseases

Home Science:

- Women became Atma Nirmbhar in Soap, Shampoo making and selling.
- Many Farm women started preparing Chocolate and Cake making small business in their area.
- Few KVK supported SHGs have started participating in Melas like Sasakt Nari Mela, Tribals fairs, etc.
- Farm women have started using Tween wheel hoe in farm to control weed
- Farm women are interested in pickle, jam, pulp, etc making for small scale business

Fisheries:

- Increase in grass carp adoption rate in village ponds
- Increase in fish production in village pond fish farming system
- Increase in fresh water prawn fishing capture and profit using one way trap
- Fish farming activities have been spread extensively.

Capacity building:

- Farmers and students are now ware regarding entrepreneurship oophoritis in agriculture
- Increase knowledge regarding G-RAM-G among Sarpanch and Farmers
- Increase knowledge regarding VKSA among Agricultural stakeholder
- Farmers and rural people have started using social media through QR technology Develop by KVK
- Increased convergence among different department through strong coordination with line departments.

10.3 Presentation on Action Plan of January to December-2026

A. Thrust Area of Work identified

- ✓ **Natural Resource Conservation:** Development and validation of cost-effective technologies for soil health improvement, water conservation, biochar use and sustainable resource management.
- ✓ **Crop Production Management:** Research and extension on improved agronomic practices in paddy, sugarcane, vegetables, pulses, mango, sapota, banana, flower crops and fisheries for enhancing productivity and profitability.
- ✓ **Natural and Organic Farming:** Research on low-input, input-efficient, and organic farming systems to reduce cultivation costs and improve ecological sustainability.
- ✓ **Horticultural Development & Diversification**: Promotion of arid horticulture, high-value fruit crops, and diversification models suitable for changing climatic conditions.
- ✓ **High-Tech and Precision Agriculture:** Research on drone-based pesticide and nutrient application in crops like sugarcane, vegetables and field crops for precision farming.
- ✓ **Livestock and Dairy Management:** Improved management practices for dairy animals to enhance productivity, health and farm income.
- ✓ **Fisheries Development:** Research and demonstrations on freshwater fish farming through cages, seed rearing, fish value addition and integrated fish farming systems.
- ✓ **Value Addition & Agri-Entrepreneurship:** Value addition of local farm produce such as dragon fruit and sapota to enhance market value and farmer income.
- ✓ **Rural Livelihoods & Women Empowerment:** Research-based interventions for self-employment generation among rural youth and farm women through skill development and enterprise promotion**.**

B. Adopted Villages (Villages will be changed in the year 2026)

Sr.No.	Taluka	Village	Village	Village
Intensive operational area				
1.	Jalalpore	Vedchha	Kanera/Sultanpur	Machhad
2.	Navsari	Boriyach	Kurel/Supa	Bhula Faliya
3.	Gandevi	Rahej	Khapariya	Manekpor
4.	Chikhali	Kangvai	Surkhai	Siyda
5.	Vansda	Godabari	Umarkui	Dholumber
6.	Khergam	Kakadveri	Toranvera	Pati

C. Training Programmes

S.N.	Discipline	Total On campus Training		Off campus training		EF/In-service training		Vocational training		GT
		No.	Beni.	No.	Beni.	No.	Beni.	No.	Beni.	
1.	Crop Production	19	545	9	265	2	60	1	25	**31**
2.	Horticulture	7	180	6	155	1	30	0	0	**14**
3.	Home Science	5	125	8	200	0	0	1	25	**14**
4.	Plant Protection	6	150	5	125	0	0	0	0	**11**
5.	Extension Education	6	150	4	100	0	0	0	0	**10**
6.	Fisheries	0	0	0	0	0	0	0	0	**0**
	Total	**43**	**1150**	**32**	**845**	**3**	**90**	**2**	**50**	**80**

D. Frontline Demonstrations (2026)

Sr. No.	Crop/Items	Variety	Thematic area	Technology for demonstration	Season and year	Area (ha)	No. of farmers/ demon.	Parameters identified
Home Science								
1	Hand weeder	RAW crops	Drudgery reduction technology	Weed management by twin wheel hoe	Rabi-25	0.25	15	Labour saving per ha.
	Agronomy							
1	Paddy	GNR-7	ICM	Variety + seed treatment with bio fertilizer	Kharif-25	10	50	Panicle length, Yield
2	Paddy	GR-17	ICM	Variety + seed treatment with bio fertilizer	Kharif-25	5	25	Panicle length, Yield
3	Paddy	GNR-9	ICM	Variety + seed treatment with bio fertilizer	Kharif-25	5	25	Panicle length, Yield
4	Paddy	GR-26	ICM	Variety + seed treatment with bio fertilizer	Kharif-25	5	25	Panicle length, Yield
5	Green gram Mug add	GM-6	ICM	Variety + seed treatment with bio fertilizer	Summer-25	10	50	Pod length, No. of seed/pod Yield
6	Pigeon pea	GT-104	ICM	Variety + seed treatment with bio fertilizer	Kharif-25	5	25	Pod length, No. of seed/pod Yield
7	Chick pea	GG-6	ICM	Variety + seed treatment with bio fertilizer	Rabi-25	20	100	No. of seed/pod Yield
Horticulture								
1	Little guard	GNLG-1	New Variety	Introduction of new variety	Kharif-26	0.2	10	Yield, Fruit Weight
2	Okra	Purna Rakshak	New Variety	Introduction of new variety	Rabi-26	1	20	Yield, No. of Fruit
3	Turmeric	GNT-3	New Variety	Introduction of new variety	Summer-25	0.3	10	Yield, Fruit Weight
4	Turmeric	GNT-4	New Variety	Introduction of new variety	Summer-25	0.01	5	Yield, Fruit Weight
5	Banana			Macro propagation				
6	Dragon	White	New Variety	Plant	Kharif-25	0.5	6	Yield, Fruit

	fruit							Weight
7	Dragon fruit	Red	New Variety	Plant	Kharif-25	0.5	6	Yield, Fruit Weight
8	Mango	Sonpari	New variety	Grafted-softwood				
9	Elephant foot yam	Hemalata	New Variety	Introduction of new variety	Summer-25	0.01	5	Yield, Fruit Weight
	Plant Protection							
1	Mango	Bio fertilizer	Available	Pest and disease management	Rabi-25	30	100	Yield, Fruit Weight
2	Sapota	Bio fertilizer	Available	Pest and disease management	Rabi-25	30	100	Yield, Fruit Weight
3	Okra	Purna Rakshak	New Variety	Pest and disease management	Rabi-25	1	20	Yield, No. of Fruit
4	Turmeric	Amravati	New Variety	Pest and disease management	Summer-25	0.01	20	Yield, Fruit Weight
5	Little guard	GNLG-1	New Variety	Introduction of new variety	Kharif-26	0.2	10	Yield, Fruit Weight
Total						**123.98**	**627**	

E. On Farm Testing

No.	Particulars	Numbers	Area (ha)/Farmers
1	Agronomy	2	6
2	Horticulture	2	6
3	Plant protection	2	6

F. Extension Activities (including activities of FLD programmes)

Sr. No.	Nature of Extension Activity	No. of activities
1.	Field Day	5
2.	Kisan Mela	1
3.	Kisan Ghosthi	5
4.	Exhibition	5
5.	Film Show	20
6.	Farmers Seminar	1
7.	Workshop	1
8.	Group meetings	6
9.	Lectures delivered as resource persons	15
10.	Newspaper coverage	20
11.	Radio talks	1
12.	TV talks	1
13.	Popular articles	11
14.	Extension Literature	5
15.	Advisory Services	45
16.	Scientific visit to farmers field	15
17.	Farmers visit to KVK	20
18.	Diagnostic visits	10
19.	Exposure visits	1
20.	Ex-trainees Sammelan	1
21.	Soil health Camp	1
22.	Farm Science Club Conveners meet	1
23.	Self Help Group Conveners meetings	2
24.	Mahila Mandals Conveners meetings	2
25.	Celebration of important days	5
26.	Krishi Mohostva	1
	Total	**201**

10.4 Presentation of Budget Position

Financial Utilization of KVK Funds from January to December 2025 for various activities.

S. No.	Particulars	Sanctioned (Lakh)	Released (Lakh)	Expenditure (Lakh)
1	Pay & Allowances	-	64.73	78.41
2	T. A.	-	0	0
3	Recurring Contingencies	-	09.43	06.57
4	Non-recurring Contingencies	-	-	-
5	Vehicle	-	-	-
6	Library	-	-	-
	Total		**74.16**	**84.98**

Status of revolving fund (Rs. in lakhs) (January to December-2025)

Opening balance as on 1st April	Income during the year	Expenditure during the year	Closing balance
17,27,508	3,96,025	10,55,750	6,71,758

10.5 Discussion and Suggestions to Optimize KVK, Navsari Performance

1) Provide **scientist and other staff** in vacant position
2) Timely release of **grants** is required.
3) Provision of a **minibus** for training and extension activities.
4) Procurement of **farm equipment** to support farm development.
5) Need to upgrade **training halls (Capacity up to 250 nos), hostels, labs and demonstration plots** to improve learning and research facilities.
6) Replacement of outdated **laptops and computers** to reduce maintenance issues and improve efficiency.
7) Regular **training for KVK scientists and staff** to stay updated with emerging technologies and extension methods

10.6 KVK staff position

Sl. No.	Name of Scientist	Designation	Subject
1.	Dr. Sumit R. Salunkhe	Senior Scientist and Head	Extension Education
2.	Prof. K.V. Makwana	Scientist	Plant Protection
3.	Prof. Nital N. Patel	Scientist	Home Science
4.	Dr. Snehalkumar A. Patel	Scientist	Extension Education
5.	Vacant	Scientist	Agronomy
6.	Vacant	Scientist	Animal Science/Fisheries
7.	Vacant	Scientist	Horticulture
8.	Vacant	Programme Assistant (Training/Lab)	-
9.	Mr. C. B. Naik	Programme Assistant (Computer)	-
10.	Vacant	Programme Assistant (Farm Manager)	-
11.	Mr. Niraj Vyas	Assistant (Accountant/Superintendent)	
12.	Vacant	Stenographer	
13.	Mr. H. Z. Chauhan	Driver 1	-
14.	Vacant	Driver 2	-
15.	Vacant	Skill Supporting staff 1	-
16.	Vacant	Skill Supporting staff 2	-

Note:

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Thank you
KVK, Navsari