



# EXTENSION EDUCATION

## Chapter - V



### 5.1 Directorate of Extension Education

The Directorate of Extension Education was established according to the Chapter-3, Part-IX vide Section 14.1(3) of the Gujarat Agricultural Universities Act-2004, for dissemination of the research findings and technical information through extension education programmes. The main function of the Directorate is to plan, coordinate, organize and guide the extension education programmes in the University and to ensure efficient working of the extension activities in close coordination with other development departments and state voluntary organizations, other officers and scientists of the University. Extension Education is one of the triple functions of the Junagadh Agricultural University to boost up the agricultural production. The University has been making substantial contribution in diffusing

and communicating agricultural technologies among the extension personnel and farming community of the region. The technologies generated in agriculture and allied sciences by the University are being transferred to the end users. Dr. A.M. Parakhia supervised and guided the extension education activities during the reporting year.

### 5.2 Extension Education Council

The Extension Education Council was constituted according to the provision of the Gujarat Agricultural Universities Act-2004 in exercise of the statutes No S.31 & notification of Registrar No. JAU/Reg/Aca-2/Ext.Edu. Council/13887-13936/2013, date 31-07-2013. Extension Education Council meeting was organized on 27.06.2017. The members of Extension Education Council as under.

SN	Name / Designation	Position
1.	<b>The Vice Chancellor</b>	
	Dr. A.R. Pathak, Hon'ble Vice Chancellor	Chairman
2.	<b>The Director of Research</b>	
	Dr. V.P. Chovatia, Director of Research and Dean P.G.	Member
3.	<b>The Deans of Faculties</b>	
1.	Dr. A.V. Barad, Principal & Dean, College of Agriculture, JAU, Junagadh	Member
2.	Dr. N.K. Gontia, Principal & Dean, College of Agril. Engg. & Technology, JAU, Junagadh	Member
3.	Dr. A.Y. Desai, Principal & Dean, College of Fisheries, JAU, Veraval	Member
4.	Dr. P.H. Tank, Principal & Dean, College of Veterinary Sci. & A.H., JAU, Junagadh	Member
5.	Dr. K.A. Khunt, Principal, PGIABM, JAU, Junagadh	
6.	Dr. V.P. Chovatia, Principal, College of Agriculture, JAU, Amreli	Invitee
4.	<b>Five Officer/ Extension Education Experts (Nominated by the Vice Chancellor)</b>	
1.	Dr. V.J. Savaliya, Professor & Head, Department of Extension Education, JAU, Junagadh	Member
2.	Dr. M.V. Ramdevputra, Principal, Agriculture Polytechnic, JAU, Dhari	Member
3.	1. Dr. B.B. Kabaria, Senior Scientist & Head, KVK, JAU, Targhadia	Member
	2. Dr. N.P. Shukla, Programme Coordinator, Krishi Vigyan Kendra, Sanosara	Member
4.	Other Extension Education Expert/ Farm Manager, JAU, Junagadh 1. Dr. G.R. Gohil, Assistant Extension Educationist, Sardar Smruti Kendra, JAU, Junagadh	Member

SN	Name / Designation	Position
5.	<b>The Eminent Extension Education Experts outside the University concern with Farmers training (Nominated by the Vice Chancellor)</b>	
1.	Dr. A.O. Kher, Retd. Associate Director of Extension Education, JAU, Junagadh	Member
2.	Dr. M.N. Popat, Retd. Associate Director of Extension Education, JAU, Junagadh	Member
3.	Dr. V. V. Mayani, Retd. Extension Educationist, AAU, Anand	Member
6.	<b>Three Director of Agriculture/ Horticulture/ Animal Husbandry</b>	
1.	Director of Agriculture, GoG, Gandhinagar	Member
2.	Director of Horticulure, GoG, Gandhinagar	Member
3.	Director of Animal Husbandry, GoG, Gandhinagar	Member
7.	<b>Two Progressive farmers (Nominated by the Vice Chancellor)</b>	
1.	Shri Parshotambhai Sidapara, Jamka (Junagadh)- Cow based Agriculture	Member
2.	Shri Rameshbhai Pansuriya, Kalavad (Jamnagar)- Manufacture of Agril. Implements	Member
8.	Associate Director of Extension Education, JAU, Junagadh	Member
9.	Dr. A.M. Parakhia, Director of Extension Education, JAU, Junagadh	Member Secretary

### 5.3 Extension Education and Training Centres

No.	Course / Programme	Location
<b>Diploma/Certificate Courses</b>		
1	Agriculture Diploma School	Halvad
2	School of Baking	Junagadh
3	Mali Training Centre	Junagadh
4	Agro Base ITI Centre	Junagadh, Mahuva
5	Input Dealers Training	All districts of saurashtra region
<b>Training Programmes for Extension Workers</b>		
1	Training & Visit System Training Centre	Junagadh, Targhadia
2	Centre of Excellence for Training (Oilseeds)	Junagadh
<b>Training Programmes for Farmers/Farm Women</b>		
1	Krishi Vigyan Kendra	Jamnagar, Targhadia, Amreli, Khapat, Nanakandhasar, Pipaliya, Morbi
2	Sardar Smruti Kendra	Junagadh
<b>Extension Education Programmes for Rural People</b>		
1	Farm Advisory Service Centre	Junagadh
2	Extension Programme for Fisheries	Okha

**Extension Education and Training Programmes****(I) Diploma/Certificate Courses for Farm Youths**

The Junagadh Agricultural University continued various Diploma / Certificate courses during the year under report as per the details given below.

No.	Name of Course	Duration	Location	No. of Students Completed the Course
1	Agriculture Diploma	2 years	Halvad	30
2	Bakery Training			
	<ul style="list-style-type: none"> <li>• Basic Course in Baking Science</li> <li>• Special Training to Women</li> </ul>	15 weeks 1 week	Junagadh Junagadh	31 (2 Batches) 201 (12 Batches)
3	<i>Mali</i> Training	6 months	Junagadh	10
4	Agro Base ITI Centre	6 months	Junagadh	
	<ul style="list-style-type: none"> <li>• Seed Production Technology</li> <li>• Green House Construction &amp; Systems Management</li> </ul>			29 34 (Continue)

All these courses are aiming to impart skill oriented practical training to farmers' son/daughter in order to provide an opportunity for self-employment and employment in different organizations.



**Dr. A.M. Parakhia, DEE, Distributing Certificate in Bakery Training Course**



**Agriculture Diploma Student Practical Work at Halvad**

**(II) Training Programmes for Extension Workers / Officers****(A) Training & Visit System**

Junagadh Agricultural University has taken-up the task of training the extension personnel of the Department of Agriculture and Horticulture through

T & V System. The bimonthly workshops, pre-seasonal training workshops and short-term training programmes organized for the extension personnel of the Department of Agriculture and the number of SMSs/AEOs who attended the programmes as given below.

No.	Type of programme	No. of Programmes	No of Participants
1	Bimonthly Workshop	03	85
2	Pre-seasonal Training Programme	02	44
3	Agriculture - 6 (Oilseed) AGR-6	01	37
4	Other Training	05	393
	<b>Total</b>	<b>11</b>	<b>559</b>

### (B) Other Training Programmes

The centre has continued to provide Scientific Knowledge to the farmers. The details of the programmes are given below.

#### *Khedut shibir and Diagnostic team visit*

No.	Subject	No. of Activities	No. of Scientists allotted	Beneficiaries
1	<i>Khedut Shibir</i>	27	03/Shibir	6345
2	Diagnostic Team	04	4-5/Team	196

#### *Training programme of Second year Master degree students of Lok Bharti, Lok Seva Mahavidyalaya, Sanosara, Dist. Bhavnagar.*

No.	No. of Trainees	Period
1	23	18.09.2017 to 22.09.2017

#### *Input dealers' courses:*

No.	Title of course	Duration	No. of Input dealer completed course
1	Diploma in Agricultural Extension Services for Input Dealers' (DAESI).	1 Year	147
2	Certificate in Agricultural Extension Services for Input Dealers'.	6 Month	40

#### *Collaborative training*

No.	Name of training	Duration	Co-Organizer	No. of Trainees
1	“Up-gradation of Human Resource Development for Extension Personnel”	20-22 June-2017	EEI, Anand	29
2	Training Programme on “Improved Agriculture/Horticulture Technology, Animal Husbandary and Home Science”	12-13 July-2017	Gujarat Heavy Chemical ltd, Sutrapada	26
3	Training Programme on “Safe & Judicious use of Pesticides & Adoption of Integrated Pest Management Practices for benefit of the farmers”	28 December-2017	Hindustan Insecticides Ltd,	425
4	“Scientific Information on Agriculture and Animal Husbandary”	18-20 January-2018	IFFCO, Junagadh	49
5	Training Programme on “Improved Agriculture Technology”	07-09 March-2018	GSFC, Vadodara	30



**Dr. A.R. Pathak, Hon. VC, inaugurating Training Programme on “Safe & Judicious use of Pesticides & Adoption of Integrated Pest Management Practices for benefit of the farmers”**



**Dr. A.R. Pathak, Hon. VC, addressing the Participant's in Training Programme on “Up-gradation of Human Resource Development for Extension Personnel”**



**Dr. A.M. Parakhia, DEE, inaugurating the Training Programme on “Scientific Information on Agriculture and Animal Husbandary”**



**Dr. A.M. Parakhia, DEE, addressing the Participant's in Mahila Training Programme on “Agriculture and Animal Husbandary”**

**Other trainings**

No.	Name of training	Duration	Organizer	No. of Trainees
1	Mahila Training Programme on "Agriculture/Horticulture & Animal Husbandary"	25/09/17 to 27/09/17	Directorate of Extension Education JAU, Junagadh	35
2	Training Programme on “Crop’s Grown in Green House/Net house”	13/11/17 to 28/11/17	Directorate of Extension Education JAU, Junagadh	32
3	Training Programme on “Agriculture and Animal Husbandary”	10 January - 2018	IFFCO, Junagadh	50
4	Training Programme on “Water Conservation Techniques and Micro Irrigation System for Quality Crop Production”	21/03/18 to 23/03/18	Directorate of Extension Education JAU, Junagadh	28

### (III) Training/ Extension Education Programmes for Farmers/Farm Women

#### (A) Training Programmes

Training is essential to increase the efficiency of farmers, farm women, rural youths, *etc.* On-campus as well as off-campus training programmes

were organized based on the need and interest of the farming community.

Through the Transfer of Technology (TOT) Centres, 125 on-campus and 131 off-campus training programmes were organized, wherein 9049 participants received training. The details are given in Table 5.1.

**Table 5.1 Training programmes organized by the Transfer of Technology Centres(KVKs) for farmers/farm women during the year 2017-18**

No.	TOT Centre		No. of Trg. Prog.	No. of participants		Total
				Male	Female	
1	KVK, Jamnagar	A	12	322	86	408
		B	12	443	132	575
2	KVK, Targhadia	A	24	765	241	1006
		B	13	195	52	247
3	KVK, Amreli	A	16	523	198	721
		B	24	897	355	1252
4	KVK, Khapat	A	14	269	90	359
		B	22	518	147	665
5	KVK, Nanakandhasar	A	33	779	227	1006
		B	20	398	103	501
6	KVK, Pipalia	A	19	459	169	628
		B	31	826	247	1073
7	KVK, Gor Khijadiya	A	07	158	35	193
		B	09	323	92	415
Total		A	125	3275	1046	4321
		B	131	3600	1128	4728
<b>Grand Total</b>			<b>256</b>			<b>9049</b>

A= On-campus B=Off-campus



**On Campus training programme at KVK Amreli**



**Off Campus training programme at KVK Jamnagar**



### (B) Extension Activities

The Transfer of Technology (TOT) centres also planned and organized extension activities like seminar/workshop/symposium, field/farmer's day, agriculture fair/exhibition, film/slide/video show, field visit, cattle camp, farmers' group/demonstration meeting, *etc.* by which total 3,20,911 beneficiaries benefited. The details of the extension activities organized and number of participants are given in Table 5.2

KVKs play an important role to provide guidance for income generation to the farmers by imparting skill oriented trainings. Besides, the KVKs conducted variety of extension activities, on farm testing, *etc.* The KVKs are also collecting feedback on farmers' problems, which are sent to the concerned scientists as these will provide guideline in reforming further research.

**Table 5.2 Extension activities carried out by TOT centres during 2017-18**

No.	Name of activity	KVK							Total
		Targhadia	Jamnagar	Khapat	Amreli	Nana Kandhasar	Pipalia	Gor Khijadia	
1	Krusha Mela	02 (5220)	04 (23099)	0 (00)	03 (7500)	02 (23994)	01 (60)	03 (2100)	15 (61973)
2	Field day	03 (79)	17 (387)	15 (328)	17 (273)	09 (268)	28 (398)	0 (00)	89 (1733)
3	Guidance on farm	06 (69)	12 (552)	279 (295)	28 (288)	46 (360)	203 (429)	14 (254)	588 (2247)
4	Guidance to visitors	(2614)	(3588)	(1345)	(1607)	(6226)	(1356)	(1959)	(18695)
5	Press note	06	10	04	05	12	00	02	39
6	Khedutshibir/ Night shibir/ Group discussion	10 (316)	26 (1147)	12 (267)	10 (312)	03 (95)	11 (240)	12 (680)	84 (3057)
7	Guidance through Telephone	(3739)	(9515)	(2261)	(1435)	(6045)	(1860)	(3415)	(28270)
8	Krushigosthi/ Seminar	06 (99)	17 (758)	19 (402)	07 (175)	0 (00)	17 (286)	04 (42)	70 (1762)
9	Khedut meeting	11 (670)	17 (555)	14 (414)	-	05 (140)	59 (2084)	09 (253)	115 (4116)
10	T.V. Programme	03	-	01	-	03	-	01	08
11	Radio talk	07	00	00	00	01	00	00	08
12	Popular articles	04	06	09	07	01	03	05	35
13	Video show/ Film show	10 (905)	120 (8168)	15 (463)	09 (643)	21 (767)	17 (954)	02 (333)	194 (12233)
14	Cattle camp	01 (24)	01 (53)	00	03 (164)	00	10 (311)	-	15 (552)
15	Literature distribution	00 (5420)	47 (15329)	12 (1450)	00 (3050)	00 (21214)	2855 (3500)	20 1888	2934 (51851)
16	Literature published	06	06	02	06	01	03	-	24
17	Lectures delivered	21 (567)	228 (33977)	29 (781)	87 (8687)	187 (31091)	00	25 1691	577 (76794)
18	Scientist's Farm visit	22 (133)	99 (573)	306 (306)	24 (268)	00	00	09 102	460 (1382)



No.	Name of activity	KVK							Total
		Targhadia	Jamnagar	Khapat	Amreli	Nana Kandhasar	Pipalia	Gor Khijadia	
19	Vocational training	01 (22)	01 (24)	02 (30)	01 (29)	-	02 (80)	-	07 (185)
20	Sponsored/ Collaboration training	09 (640)	10 (762)	00 (00)	09 (385)	-	-	-	28 (1787)
21	Krushi-Go-Vidya subscriber Registered	-	04	06	03	00	00	-	13
22	Diagnostic team	06 (69)	35 (154)	00 (00)	17 (68)	-	-	-	58 (291)
23	Student (RAWE)	02 (65)	-	-	01 (110)	03 (95)	-	-	06 (270)
24	Celebration of technology week	01 (583)	01 (286)	01 (352)	01 (342)	01 (758)	01 (186)	-	06 (2507)
25	Soil Sample Analyzed	(897)	(121)	(169)	(205)	(109)	(51)	(5)	(1557)
26	Participated in Agril. Exhibition	03 (2862)	04 (21590)	02 (596)	01 (340)	10 (22773)	-	2 (1488)	22 (49649)
<b>Total</b>									<b>5,395 (3,20,911)</b>

Figures in parentheses indicate number of beneficiaries/copies

### (C) Front Line Demonstrations (FLD)

The aim of front line demonstration is to demonstrate the production potentialities of newly released and pre-released production technologies of cotton, wheat, cumin, vegetables, pulses and oilseeds on farmer's field.

In all, 1017 FLDs were conducted on various oilseeds and pulses, viz., castor, mustard, groundnut, sesamum, cotton, gram, wheat, pearl millet and cumin in 474.6 ha during *kharif* and *rabi* seasons through KVKs. The results are present in Table 5.3

**Table 5.3: Performance of frontline demonstrations organized during 2017-18**

No	Centre	Crop	Variety/ Treatment	No. of FLDS	Area (ha)	Av. yield (q/ha)		Increase in yield (%)
						Demo.	Local check	
1.	KVK, Targhadia	Groundnut	GJG-22	10	4	19.95	18.50	7.84
		Groundnut	IPM	10	4	26.22	23.85	9.94
		Gram	GJG-3	10	4	16.00	13.50	18.50
		Cotton	IPM	10	4	23.15	21.00	10.21
		Cumin	IPM	10	4	5.99	5.33	12.38
		Cumin	IPM	10	4	6.50	5.75	13.04
		Onion	AFL RED-3	5	2	336.25	315.5	6.58
		Garlic	G-282	5	2	71.25	69	3.26
		Buffalo	NM	20	20	10.4 lit	9.2 lit	13.6
Buffalo	NM	10	10	13.1 lit	10.9 lit	20.5		



No	Centre	Crop	Variety/ Treatment	No. of FLDS	Area (ha)	Av. yield (q/ha)		Increase in yield (%)
						Demo.	Local check	
2.	KVK Jamnagar	Groundnut	GG-20	50	20	23.06	18	28.11
		Sesame	Guj.til -2,3	50	20	7.59	6.25	21.44
		Sesame	GT-3	100	40	8.98	8.0	12.25
		Wheat	INM	10	4	48.38	44.99	7.51
		Bajara	GHB-732	10	4	39.06	35.47	10.13
		Brinjal	IPM	5	2	367.7	334.7	9.86
		Chili	IPM	5	2	101.13	91.75	10.22
		Okra	GJO-3	5	2	162.25	143.5	13.07
		Cotton	IPM	20	8	25.02	22.08	9.73
		Cumin	IPM	50	20	7.19	6.61	8.80
3.	KVK Amreli	Wheat	INM	10	4	47.32	39.71	19.2
		Onion	Varietal evalu	5	2	416	381	9.26
		Coriander	Varietal	10	4	13.22	10.4	27.5
		Cumin	IPM	10	4	6.22	5.2	22.4
		Castor	Varietal evalu	10	4	26.38	22.31	18.53
		Cotton	Varietal evalu	10	4	19.2	16.25	18.15
		Cattle	Feed Manag.	10	10	1340	1150	16
		Cattle	Feed Manag.	10	10	1320	1250	5.6
4.	KVK Khapat	Groundnut	INM	25	10	18.87	16.23	16.26
		Groundnut	GJG-22	20	8	20.15	16.23	24.15
		Chick Pea	GJG-3	20	8	18.32	16.12	13.64
		Wheat	INM	20	8	30.25	26.42	14.50
		Wheat	INM	20	8	29.10	26.42	10.14
		Cumin	IDM	20	10	9.98	8.25	20.97
		Cotton	IPM	25	10	29.53	25.57	15.5
5.	KVK Nankhadhasar	Groundnut	GJG-9	10	4	18.06	16.50	9.47
		Groundnut	GJG-9	5	2	19.38	17.32	11.68
		Groundnut	GJG-31	20	16	23.11	20.81	11.06
		Groundnut	GJG-9	10	8	21.22	19.01	11.64
		Groundnut	GJG-22	33	26	16.69	14.88	12.11
		Till	GT-3	10	4	4.87	4.47	8.92
		Green Gram	GM-4	10	4	4.54	4.15	9.62
		Chick Pea	GJG-3	10	4	19.13	14.01	36.49
		Chich Pea	GJG-3	25	20	22.76	17.33	31.37
		Wheat	GW- 366	20	8	47.91	40.75	17.6
		Cumin	CG-4	20	8	7.44	6.48	14.75
Cotton	INM	25	10	23.10	20.52	12.51		

No	Centre	Crop	Variety/ Treatment	No. of FLDS	Area (ha)	Av. yield (q/ha)		Increase in yield (%)
						Demo.	Local check	
6.	KVK Pipalia	Groundnut	GJG-22	10	4	25.8	22.4	15.08
		Groundnut	Tricho	10	4	27.5	24.6	11.68
		Groundnut	IPM	10	4	26.9	20.9	28.74
		Chick Pea	GG-5	10	4	26.3	22.6	16.3
		Wheat	GW-366	10	5	52.5	45.6	15.07
		Brinjal	GJ LB-4	5	2	388	376	3.12
		Onion	GJ RO-11	4	1.6	346.9	328.1	5.71
		Cumin	GC-4	10	4	6.7	5.8	15.05
		Cotton	INM	50	20	30.5	27.3	11.92
7.	KVK Gor Khijadia	Groundnut	GG-20	10	4	22.1	20.09	9.30
		Cumin	GC-4	10	4	6.2	5.4	11.3
		Cotton	INM	40	16	20.00	18.0	10.8
		Cotton	IPM	10	4	22.17	20.8	10.9
<b>Total</b>				<b>1017</b>	<b>474.6</b>			

#### (D) Farm Advisory Service Scheme / SSK, Junagadh

The Farm Advisory Service Scheme has been continued at SSK, Junagadh with a view to provide guidance and the latest information to the farmers on scientific farming. The farmers were advised

regarding their farm problems through correspondence and field visit. This centre acted as a link among research scientists, extension workers and farmers. During the year under report, various extension activities carried out by the centre are given below.

No.	Name of activity	No. of activities	No. of participants
1	Agril. Fair	02	2,37,150
2	Agril. Exhibitions	06	1,10,424
3	Guidance (Telephone & Personal Contact)	-	11,095
4	Visitors	-	8,795
		<b>08</b>	<b>3,67,464</b>

#### (E) Extension Activities under Centre of Communication (COC) Scheme Objectives of COC Scheme

- To establish the *Gram Kisan Samitis* (GKS) in the rural areas.
- To train the members of *Gram Kisan Samitis* in leadership, communication and cooperation for transfer of technologies.
- To disseminate the latest agricultural and allied technologies through *Gram Kisan Samitis* in rural areas.
- To carry out different extension activities through GKS in different villages.
- To know the feedbacks from the farmers.

#### Three-day on campus training programme under Centre of Communication (COC) Scheme

No.	Subject	No. of Training Programmes	No. of Beneficiaries
1	Training programmes for farmers on scientific farming	01	28
<b>Total</b>		<b>01</b>	<b>28</b>



**Two-day on campus training programme under Centre of Communication (COC) Scheme**

No.	Subject	No. of Training Programmes	No. of Beneficiaries
1	Training programmes for farmers on Improved Agricultural Practices	03	103
<b>Total</b>		<b>03</b>	<b>103</b>

**One-day on campus training programme under Centre of Communication (COC) Scheme**

No.	Subject	No. of Training Programmes	No. of Beneficiaries
1	Training programmes for farmers on scientific farming	02	47
<b>Total</b>		<b>02</b>	<b>47</b>

**Formation of Gram Kisan Samitis during the year 2017-18**

No.	Date	Village	Taluko	District	Beneficiaries
1.	08/04/2017	Haripur	Amreli	Amreli	12
2.	05/05/2017	Vadala	Vanthali	Junagadh	12
3.	10/05/2017	Khandadhar	Gondal	Rajkot	12
4.	28/05/2017	Choki	Junagadh	Junagadh	12
5.	06/06/2017	Lunsar	Vakaner	Morbi	12
6.	12/06/2017	Palash	Vakaner	Morbi	12
7.	15/06/2017	Khad Pipali	Junagadh	Junagadh	12
8.	20/04/2017	Dedadara	Vadhvan	Surendranagar	12
9.	21/06/2017	Sepa	Mangrol	Junagadh	12
10.	21/06/2017	Ranpur	Bhesan	Junagadh	12
11.	20/07/2017	Alidhra	Mendarda	Junagadh	12
12.	05/08/2017	Vadodar	Kesod	Junagadh	12
13.	10/08/2017	Sumara	Dhrol	Jamnagar	12
14.	07/09/2017	Mesvan	Kesod	Junagadh	12
15.	16/09/2017	Pruthugadh	Dhangandhra	Surendranagar	12
16.	12/10/2017	Tardra	Botad	Bhavnagar	12
17.	15/11/2017	Ravni	Vanthali	Junagadh	12
18.	18/12/2017	Balambhadi	Kalavad	Jamnagar	12
<b>TOTAL</b>					<b>216</b>

**Khedut Shibirs organized during the year 2017-18 under COC scheme**

No.	Date	Village	Taluko	District	Beneficiaries
1.	07/04/2017	Sepa	Mangrol	Junagadh	57
2.	05/01/2018	Palakhada	Porbandar	Porbandar	16
3.	09/01/2018	Haripura	Amreli	Amreli	47
4.	29/01/2018	Ranapur	Bhesan	Junagadh	21
5.	29/01/2018	Choki	Junagadh	Junagadh	26
6.	31/01/2018	Bhiyan	Junagadh	Junagadh	21
7.	27/02/2018	Sukhapur	Dhari	Amreli	41
<b>TOTAL</b>					<b>229</b>

**Bakery Talim organized during the year 2017-18 under COC scheme**

No.	Date	Village	Taluko	District	Beneficiaries
1.	07/04/2017	Sepa	Mangrol	Junagadh	26
2.	05/01/2018	Porbandar	Porbandar	Porbandar	81
3.	05/01/2018	Palakhada	Porbandar	Porbandar	28
4.	09/01/2018	Haripura	Amreli	Amreli	49
5.	09/01/2018	Randhiya	Amreli	Amreli	27
6.	29/01/2018	Ranapur	Besan	Junagadh	31
7.	31/01/2018	Bhiyan	Junagadh	Junagadh	27
<b>TOTAL</b>					<b>269</b>

**(F) Extension Activities carried out by Extension Education Centres**

Extension activities carried out by various Extension Education Centres during the year are given below.

No.	Name of activity	Sardar Smruti Kendra, Junagadh	Fisheries Res. Station, Okha	School of Baking, Junagadh	Total
1	Krushimela	02 (237150)	02 (95)	00 (00)	04 (237245)
2	Guidance on farm	-	1 (30)	--	1 (30)
3	Guidance to visitors	(8795)	61 (1990)	15 (584)	76 (11369)
4	Press note	20	-	-	20
5	Khedutshibir/ Night shibir/ Group discussion	1 (30)	9 (585)	--	10 (615)
6	Guidance through Telephone	(2300)	-	-	(2300)
7	Khedut talim/Khedut Mahila talim	39 (1643)	-	-	39 (1643)
8	Video show/ Film show	-	-	-	-
9	Literature distribution	(8305)	04 (610)	-	04 (8915)
10	Literature Publication	03	-	-	03
11	Fisheries Training	-	04 (415)	-	04 (415)
12	Bakery Training	--	--	23 (1131)	23 (1131)
13	Agri.Exhibition	06 (110424)	-	1 (7000)	07 (117424)
14	Agri.Literature show	06 (88100)	-	-	06 (88100)
<b>Total</b>					<b>197 (4,69,187)</b>

\* Figures in parentheses indicate no. of beneficiaries/copies



### Radio Talks and TV Programmes

The scientists of the university delivered radio talks from time to time on various agricultural and allied subjects from All India Radio, Rajkot. Moreover, the agricultural messages were also broadcasted from All India Radio, Rajkot. During the year as per report, 28 such talks were delivered on different topics related to agriculture, horticulture, agricultural engineering, fisheries, animal husbandry, etc.

In all, 21 television programmes covering various aspects of agriculture, animal husbandry, agricultural engineering, horticulture, fisheries, home science, etc. were telecasted through Doordarshan Kendra, Rajkot in “Gram Jagat” “Krishi Darshan” programme for the benefit of farming community.

### 5.4 Publication of Extension Education Literature

No	Name of Office	Publication		
		Pemplets	Folder	Booklet/Book
1	Sardar Smruti Kendra, Junagadh	-	-	05
2	DEE Office, Junagadh	-	21	-
<b>Total</b>		<b>-</b>	<b>21</b>	<b>05</b>

University news bulletin named as “JAU News letter” is being published regularly by Directorate of Extension Education.

During Krushi Mahotsav- 2017, video CD on Varied agricultural technologies in Gujarati were prepared and distributed.

### Establishment of AGRISNET studio and Community Radio Station (CRS):

AGRISNET studio is established for the production of various multi media gadgets/ video CDs on modern agricultural technologies for farmers.

Infra- structural facilities for establishment of community radio station (JUNAGADH JANVANI) is created. The equipments for recording, editing and broadcasting have been purchased.

### Programmes organized during the year 2017-18 under CRS

Sr. No	Subject	No. of Programme	Beneficiaries
1	Broadcasting through CRS	261	In 12 to 15 KM radius, Farmers', which live in 60 villages of Vanthali & Mendarda taluka, listen the CRS broadcasting programmes.
2	Agriculture Related Video Documentery	33	
3	Video Conferencing with Farmers'	3	

### 5.5 Coordination of Extension Activities with Department of Agriculture, Horticulture, Animal Husbandry and Other Line Departments

Junagadh Agricultural University planned and organized various extension education programmes/ activities in coordination with different line departments of the state. The structural linkages exist under T & V system by constituting the technical committee at district, zonal and state level. The agricultural programmes of All India Radio as well as Doordarshan were finalized by such coordinated efforts. In AGRESKO, the officers of other line

departments are the members and they contribute in formulation of technical programmes as well as in finalizing the recommendations for the farmers. The functional linkages also exist under T & V system through bi-monthly workshops, pre-seasonal workshops, fortnightly training, diagnostic team, state level crop seminars/workshop, etc. The coordination exists in follow-up programmes as well as in planning of farm trials. For transfer of technologies to the farmers, the farmer's day, *krushi mela*, group discussion, film show, etc. were organized through collaborative efforts.

### 5.6 Orientation Training Programme

During the year under report, 23 scientists/ teachers of the University were deputed for participating in the orientation training programmes/ seminar/workshop/symposium, etc. organized within and outside the state to upgrade knowledge and skill for improving their faculty competence in respective disciplines.

### Krushhi Mahotsav-2017

Government of Gujaratis celebrating *Krushhi Mahotsav* since 2005-06. In the *Krushhi Mahotsav-2017*, Junagadh Agricultural University has spared services of about 300 scientists/ officers to advise the farming community about the latest agricultural technologies.

No.	Date	Places	Beneficiaries
1.	06/05/17 to 26/05/17	Amreli, Jamnagar, Devbhumi Dwarka, Bhavanagar, Botad, Junagadh, Gir Somnath, Porbandar, Surendranagar, Rajkot, Morbi	1,08,724

### Mega Event during Krushi Mahotsav-2017

No.	Date	Places	Beneficiaries
1.	07 May 2017	Junagadh	19,479

### Seminars organized during the Krushi Mahotsav- 2017

No.	Subject	Place	Date	Beneficiaries Farmers/ Farm women
1.	Control of pink bollworm in cotton crop and white grub in groundnut crop	Junagadh	07/05/2017	207
2.	Organic farming : Important and Requirement	Junagadh	07/05/2017	289
3.	Scientific cultivation of Groundnut crop	Junagadh	07/05/2017	195

### E-Literature (CD/DVD) distributed during the Krushi Mahotsav- 2017

- ❖ Soil/Water Analysis and Animal Care through Year
- ❖ Scientific Cultivation of Castor and lemon



## GLIMPSES OF ACTIVITIES OF DIRECTORATE OF EXTENSION EDUCATION



**Hon'ble Minister Shri Mansukhbhai Mandaviya Giving Inaugural Speech in Krishi Mahotsav-2017 held at JAU, Junagadh**



**Hon'ble Minister Shri Mansukhbhai Mandaviya visit different Agri. stals in the Krishi Mahotsav - 2017 held at JAU, Junagadh**



**Beneficiaries of Seminar organized during Krishi Mahotsav - 2017 held at JAU, Junagadh**



**Farmers visit different Agri. stals in the Krishi Mahotsav - 2017 held at JAU, Junagadh**



**Dr. A.M. Parakhia, DEE, giving Speech Programme on " Mahila Sasaktikaran" at JAU, Junagadh**





**Celebration of Parthenium Awareness Week at KVK Jamnagar**



**Dr. A.M.Parakhia, DEE, inaugurating Seminar on "Aadhunik Khetima Paak Sarakshan at JAU, Junagadh**



**"Sankalp Se Siddhi" Programme at KVK, Morbi**



**Celebration of "Sardar Patel Jayanti" at JAU, Junagadh**



**"Mahila Krishi Divas" at Vadala Gausala, Vadala**

