

# Indian Council of Agricultural Research

## ATARI-III

### Umiam, Meghalaya

#### *Annual Action Plan of KVK, Udalguri under Zone-III for 2019-20*

Name of the KVK/District: KVK Udalguri State: Assam

Host Organization: Assam Agricultural University

Present Staff Position in KVK

Sl. No.	Name	Gender (M/F)	Category (General/OBC/SC/ST)	Designation	Discipline	Mobile No.
1.	Dr. Debasish Borah	M	GEN	Senior Scientist and Head	Agronomy	9435348832
2.	Mr. Kapil Dab Nath	M	OBC	Subject Matter Specialist	Fisheries Science	9401018281
3	Dr. . Pradip Rajbongshi	M	OBC	Subject Matter Specialist	Animal Science	8876414341
4	Miss Ipsita Ojah	F	GEN	Subject Matter Specialist	Soil Science	9508818874
5	Ms. Pallavi Deka	F	ST	Subject Matter Specialist	Agril. Econ & FM	9401370264
6.	Mr. Bhaskar Baruah	M	GEN	Subject Matter Specialist	Horticulture	9613142420
7	Mrs. Himadri Rabha	F	ST	Subject Matter Specialist	Plant Protection	9864377092
8	Mrs. Pompy Bora	F	OBC	Programme Assistant	Home Science	9954421771
9	Mr. Pranabesh Barman	M	SC	Programme Assistant	Computer	9864688888
10	Mr. Dhruva Jyoti Sharma	M	GEN	Office Suptd. Cum Accountant	MBA	9435062462
11.	Mr. Tilak Kalita	M	GEN	Supporting Staff	-	8638082361
12	Mr. Kamal Bahadur Lama	M	OBC	Supporting Staff	-	8135997151
13.	Mr. Bhaskar Jyoti Saikia	M	OBC	Jr. Stenographer cum Computer Operator	-	9706206340
14.	Mr. Mithun Biswas	M	SC	Driver Cum Mechanic	-	8761065757
15.	Mr. Rupjyoti Gogoi	M	OBC	Driver Cum Mechanic	-	

**Discipline: Agronomy**

Name of the concerned Senior Scientist and Head: Dr. Debasish Borah

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Mandated activities	Thematic Area	Name of Technology Assessed/ Refined (in Specific)	Source and Year of release	Assess/Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>On farm testing</b>	Varietal evaluation	Performance of Baby corn in Udalguri district	RARS, Gossaigaon AAU Under pipeline	Assessment	1.0	3	Kharif	3	1	4	1	0	1	5
	Seed Production													
	Integrated Weed Management													
	Integrated Nutrient Management	Performance of mustard to fertility management grown after rice.(Application of NPK @ 80-40-30 kg NPK/ha + Boras @ 7.5 kg/ha	RARS Shillongoni AAU 2017-18	Assessment	1.0	3	Rabi, 4 months	1	1	2	1	0	1	3
	Integrated Water Management													
	Tillage Management/ Farm Machinery													
	Integrated													

	Farming System/ Integrated Crop Management													
	Others (Pl. specify)													
Mandated activities	Thematic Area	Name of Technology demonstrated	Source and Year of release	Crop/cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Varietal evaluation	Performance of short duration mustard variety NRC HB-101	Directorate of Rapeseed Mustard Research	Toria	2.0	3	Rabi, 4 months	3	2	5	3	2	5	10
	Seed Production													
	Integrated Weed Management													
	Integrated Nutrient Management													
	Integrated Water Management													
	Tillage Management/ Farm Machinery													
	Integrated Farming System/ Integrated Crop Management	Demonstration of Broom grass cultivation.	RARS, Gossaigaon AAU (Under pipeline)	Broom grass	1.0	2	Year round	2	1	3	1	1	2	5
	Others (Pl. specify)													



	Farm women														
	Rural Youth														
	Extension Personnel														
	Civil Society														
	NGO(including school drop outs)														
	Others (Pl. specify)														
<b>Sponsored training programmes</b>															<b>Sponsoring agency</b>
	Farmer and Farm women														
	Rural Youth														
	Extension Personnel														
	Civil Society														
	NGO(including school drop outs)														
Others (Pl. specify)															

**Discipline: Horticulture**

**Name of the concerned Subject Matter Specialist:** Mr.BhaskarBaruah

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Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/ Refine	Area (in ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>On farm testing</b>	Varietal evaluation													
	Integrated nutrient management	<b>Organic cultivation of Banana (Cultivar Jahaji)</b> FYM 10 kg + Neem cake 1.25 + vermicompost 5 kg + wood ash 1.75 kg/plant	TCM, <i>Kharij</i> , AAU, 2016-17	Assess	0.13	02	May, 2019 to August, 2020	02	-	-	01	-	03	03
	Integrated Weed Management													
	Orchard Rejuvenation													
	Post Harvest Processing/ Value Addition													
	Canopy mgmt.													
	Landscaping													
	Mechanization													
Others (Crop introduction)	<b>Introduction of high value crop Dragon fruit in Udalguri district</b> Cultivation in a spacing of 4m x 3m with a fertilization of 300:200:200 g NPK per plant per year	National Institute of Abiotic Stress Management, Baramati, Maharashtra (Under pipeline)	Assess	0.13	02	May, 2019 to September, 2020	02	-	-	01	-	03	03	

Mandated activities	Thematic Area	Technology/Crop/Cropping system	Source and Year of release	Crop/cropping system	Area (in ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>Front Line Demonstration</b>	Exotic vegetable production													
	Low volume high value crop													
	Integrated nutrient management													
	Integrated Weed Management	<b>Integrated weed management in brinjal</b> Pre-emergence application of Pendimethalin @ 1.5 kg/ha + hand weeding at 35 DAT	<b>AAU, 2010</b>	Brinjal	0.13	03	December, 2019 to March, 2020	02	-	-	01	-	03	03
	Orchard Rejuvenation													
	Post Harvest Processing/ Value Addition													
	Canopy mgmt.													
	Landscaping													
	Mechanization													
	Others (Pl. specify)	<b>Popularization of high yielding papaya var: Red Lady</b>	<b>AAU, 2010</b>	Papaya	0.13	03	June, 2019 to July, 2020	02	-	-	01	-	03	03

  

Mandated activities	Target group	Title of the training Programme and No. of	No. of	Period of the	Duration (in	On/Off campus	Number of beneficiaries			Remarks
							SC/ST	General	Grand	

		Courses in bracket	training progs	year	days)		M	F	Total	M	F	Total	Total	
<b>On and Off campus training programmes</b>	Farmer and Farm women	Scientific Cultivation of winter vegetables	2	August-September, 19	2 day	Off	32	10	42	08	-	08	50	
		Scientific cultivation of Coconut and Arecanut	2	April-May, 19	2 day	Off	30	-	30	20	-	20	50	
		Scientific cultivation Practices of Ginger and Turmeric	2	May-June, 19	2 day	Off	30	10	40	05	05	10	50	
	Rural Youth	Scientific Cultivation practises of Strawberry for Assam condition	1	October, 19	1 day	Off	18	07	25	-	-	-	25	
		Construction of low cost polyhouse and year round cultivation of horticultural crops	1	July, 19	3 day	Off	25	-	25	-	-	-	25	
		Commercial cultivation of flowers	1	Nov, 19	2 day	Off	10	12	22	01	02	03	25	
	Extension Personnel	Organic fruit and vegetable production	1	Jan, 20	1 day	Off	12	-	12	08	-	08	20	
	Civil Society													
	NGO (including school drop outs)													
	Others (Pl. specify)													
<b>Vocational training programmes</b>	Farmer and Farm women													
	Rural Youth	Processing and preservation of	1	Dec, 19	5 days	Off	08	12	20	-	05	05	25	



		horticultural crops													
	Extension Personnel														
	Civil Society														
	NGO(including school drop outs)														
	Others (Pl. specify)														
<b>Sponsored training programmes</b>															<b>Sponsoring agency</b>
	Farmer and Farm women														
	Rural Youth														
	Extension Personnel														
	Civil Society														
	NGO(including school drop outs)														
	Others (Pl. specify)														

**Discipline:** Soil Science

**Name of the concerned Subject Matter Specialist :** Miss Ipsita Ojah **Mobile No:** 9508818874

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Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>On farm testing</b>	Soil health													
	Soil management	Replacement of Inorganic Source of Potashic fertilizers by Potash Solubilizing Bacteria in INM package of rice	Deptt. Of Soil Science, AAU	Refinement	0.39	3	Kharif	1	0	1	2	0	2	3
	Soil testing													
	Soil amendment Lime/Others													
	Soil biology (BGA/ Azolla)													
	Soil microbes (beneficial)	Performance of Sali rice (Transplanted) by using organic package	Deptt. Of Soil Science, AAU	Assessment	0.39	3	Kharif	1	0	1	2	0	2	3

	Any other (pl. specify)													
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Mandated activities	Thematic Area	Name of Technology demonstrated	Source and Year of release	Crop/ Cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Soil health	INM in Scented <i>Sali</i> Paddy var. Bokul Joha	Dept of Soil Science, AAU, Under pipeline	Rice-Rapeseed cropping sequence	2.0	5	Kharif	5	0	5	10	0	10	15
	Soil management													
	Soil testing													
	Soil amendment (Lime/ Others)													
	Soil biology (BGA/ Azolla)													
	Soil microbes (beneficial)	Fibre quality improvement in Jute through microbial retting	RARS, Shillongoni	Jute	2.0	5		5	0	5	10	0	10	15
	Any other (Pl. specify)													

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campuses	Number of beneficiaries						Grand Total	Remarks
							SC/ST			General				
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Soil testing for management of soil fertility and sustainable crop productivity (1)	2	May 2019	1	Off	0	0	0	50	0	50	50	
	Farmer and Farm women	Vermicompost Production technology (1)	4	June	1	Off	50	0	50	50	0	50	100	
	Farmer and Farm women	Organic Farming (1)	1	May 2019	2	Off	5	0	5	10	10	20	25	
	Farmer and Farm women	Soil testing for management of soil fertility and sustainable crop productivity (1)	2	Aug 2019	1	Off	8	0	8	17	0	17	50	
	Rural Youth	Homestead Azolla cultivation (1)	2	June 2019	1	Off	0	0	0	40	10	50	50	
	Extension Personnel	Integrated nutrient management in major cereal and oilseed crops (1)	1	June 2019	1	Off	8	0	8	17	0	17	25	
	Civil Society NGO(including school drop outs)													

<b>Vocational training programmes</b>	Farmer and Farm women	Vocational training on production of different types of compost (1)	1	Sept 2019	5	Off	10	0	10	15	0	15	25	
	Rural Youth	Development of Skill for production of different types of compost (1)	1	Oct 2019	7	Off	10	0	10	15	0	15	25	
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
Others (Pl. specify)														
<b>Sponsored training programmes</b>	Farmer and Farm women													<b>Sponsoring agency</b>
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													

**Discipline:** Plant Protection

**Name of the concerned Subject Matter Specialist:** (On Study leave)

**E-mail address:**

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>On farm testing</b>	Integrated Pest Mgmt													
	Integrated Disease Mgmt													
	Biological control (Insect/pest/weeds etc)													
	Product evaluation (Efficacy)													
	Beneficial insects													
	Other beneficial organisms													
	Store grain pest													
	Others (Pl. specify)													

Mandated activities	Thematic Area	Name of Technology demonstrated	Source and Year of release	Crop/Cropping system	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>Front Line Demonstration</b>	Integrated Pest Mgmt													
	Integrated Disease Mgmt													
	Biological control (Insect/pest/weeds etc)													
	Product evaluation (Efficacy)													
	Beneficial insects													
	Other beneficial organisms													
	Store grain pest													
	Others (Pl. specify)													



Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campuses	Number of beneficiaries						Grand Total	Remarks
							SC/ST			General				
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women													
	Extension Personnel													
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													

Vocational training programmes														
Vocational training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
Sponsored training programmes														
Sponsored training programmes	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
														Sponsoring agency

**Discipline:** Animal Science

**Name of the concerned Subject Matter Specialist:** Dr. Pradip Rajbongshi

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Mandated activities	Thematic Area	Details of Technology	Source and Year of release	Assess/Refine	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Breed introduction	Evaluation of Crossbred Large White Yorkshire pig in Udalguri district for meat purpose (Scientific rearing under intensive system with locally available feeding materials)	NRC, Pig, ICAR, Rani, 2008	Assess	5 nos	3	May,2019	-	2	2	-	3	3	5
	Breed introduction	Introduction of Rabbit for meat production (breed: New Zealand White & Soviet Chinchilla) (Rabbits will be reared in intensive system in cage. Feed will be provided as per schedule. Vaccination and medication will be provided as per schedule.)	ICAR, Borapani, 2008	Assess	5 nos	4	June,19 onwards	-	2	2	-	3	3	5

	Breed introduction	Productive performance of Turkey (Breed: Broad breasted white and Broad Breasted bronze)  (Artificial brooding for 20 days and will be reared under backyard system)	CARI, ICAR, 2007	Assess	10 nos	5	Sept, 2019 onwards	3	2	5	3	2	5	10
	Feeding management													
	Healthcare													
	Housing													
	Processing/ Value addition													
	Fodder production and quality Enhancement													
	Pasture management													
Mandated activities	Thematic Area	Technology/Cropping system	Source and Year of release	Demon (No.)	Area (in acre)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Breed introduction	Evaluation of new pig breed Rani in Udalguri district for meat purpose. (Piglets will be reared in intensive system. Sty will be prepared with low cost locally	NRC, Pig, ICAR 2016	Assess	5 nos	3	May,19 onwards	-	2	2	-	3	3	5

	available materials. Locally available feed, kitchen and hotel waste will be provided to reduce feed cost. Vaccination and medication will be provided as per schedule.)													
Breed improvement	Introduction of Kadaknath breed of poultry in backyard farming.	CARI	Assess	10 nos	2	June,19 onwards	-	5	5	5	-	5	10	
Feeding management	Low cost Feed management of quail (Breed:Japanese quail)	AAU	Assess	10 nos	5	Sept,19 onwards	-	3	3	5	2	7	10	
Healthcare														
Housing														
Processing/ Value addition														
Fodder production and quality enhancement														
Pasture management														
Others (Pl. specify)														

Mandated activities	Target group	Title of the training programme	No. of training progs	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries						Remarks	
							SC/ST			General				Grand Total
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Year round fodder production for better milk production in dairy cattle	1	Aug,19	2	Off	25	-	25	-	-	-	25	
		Diseases of livestock and their prevention and control measures	1	Oct, 19	2	Off	10	5	15	5	5	10	25	
		Diseases of poultry and their prevention and control measures	1	Oct, 19	2	Off	5	15	20	-	5	5	25	
		Scientific rearing of duck as Integrated Farming system model	1	Dec,19	2	Off	15	5	20	-	5	5	25	
	Rural Youth	Commercial broiler farming	1	Jan, 19	1	Off	5	10	15	5	5	10	25	
		Rabbit production and management	1	Nov,19	1	Off	5	10	15	5	5	10	25	
		Scientific rearing of improved poultry for egg production at village level	1	Nov, 19	2	Off	5	10	15	5	5	10	25	
	Extension Personnel	Recent advances in Veterinary Science	1	Sept, 19	1	Off	15	2	17	3	5	8	25	
	Civil Society	Clean milk production, its importance in	1	Sept, 19	2	Off	10	5	15	5	5	10	25	

		human health														
	NGO															
	Others (Pl. specify)															
Vocational training programmes	Farmer and Farm women	Scientific rearing of dairy cattle for improved Production	1	July, 19	5	Off	25	-	25	-	-	-	25			
	Rural Youth	Scientific pig farming for self employment	1	May 19	7	Off	10	5	15	5	5	10	25			
		Scientific rearing of sheep and goat for engagement of unemployed rural youth	1	June 19	5	Off	5	5	10	5	10	15	25			
	Extension Personnel															
	Civil Society															
	NGO															
	Others (Pl. specify)															
Sponsored training programmes															Sponsoring authority	
	Farmer and Farm women															
	Rural Youth															
	Extension Personnel															
	Civil Society															
	NGO															
	Others (Pl. specify)															

**Discipline: Fisheries Science**

**Name of the concerned Subject Matter Specialist:** Mr. Kapil Deb Nath

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Mandated activities	Thematic Area	Details of Technology	Source and Year	Assess/ Refine	Area (ha)	Location	Period and Duration	Number of trials/beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>ON FARM TESTING</b>	Pond management	<b>Incorporation of Silver barb <i>Barbonymus Gonionotus</i> (bleeker) in carp polyculture system of seasonal ponds to achieve better income</b> <b>Technology=</b> 25% Replacement of Indian Major Carps and/or Chinese carp with silver barb in pond culture which has remarkably higher demand and fetch higher market price.	COF, CAU, 2014	Assess	0.3	03	May'19-Feb'20	03	0	03	00	0	00	03
	Pond management	Assessment of Different Insect Control Methods in Nursery pond <b>Farmers Practice =</b> Application of Kerosene oil @ 50 lit per hactor of water area before stocking. <b>Technology =</b> Application of Soap – Oil Emulsion (vegetable oil @ 56 lit ha <sup>-1</sup> with soap @ 18 kg ha <sup>-1</sup> ) before 20-24 hours of stocking of spawn in the pond.	CIFRI	Assess	0.24 ha	4	June-August 19	04	0	04	0	0	0	04



	Fish breeding													
	Feeding management													
	Diseases management													
	Post harvest processing/ Value addition	<p><b>Production technology of quality <i>Shidal</i> production, a Traditional fermented indigenous fish product.</b></p> <p><b>Technology</b> = Semi dried <i>Puntius spp.</i> of uniform size is kept in <i>mutka</i> (earthen pot) for a minimum of four (4) month applying thick clay on the mouth of pot as final seal to ensure anaerobic condition inside the pot and shield insect infestation.</p>	COF, AAU, Raha, 2018	Assess	1 unit	1	June-December 19	15	5	20	0	0	0	20
		<p><b>Modification of Solar Tent Dryer for minimizing insect infestation as well as proper escaping of water vapour from the tent.</b></p> <p><b>Technology</b> = A 30" x 8" size vent will be made on the top portion of the dryer providing a sieve, which can facilitate proper escaping of water vapour and prevent the entry of insect and fly inside the dryer.</p>	Modification of COF, AAU model	Refine	3 units	3	Sept'19	02	0	02	01	0	01	03
	IFS Modules													

	Others (Pl. specify)													
Mandated activities	Thematic Area	Technology/ Crop/Cropping system	Source and Year	Demon (No.)	Area (ha)	Location	Period and Duration	Number of beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>FRONT LINE DEMONSTRATION</b>	Pond management	Popularization of Amur common carp in pond polyculture system	ICAR, Barapani, 2014	3	0.3	3	May'19-Feb'20	03	0	03	0	0	0	03
		Seed raising technology in homestead pond for production of quality fish seed	FRC, AAU	3	0.3	3	June-August 19	03	0	03	0	0	0	03
	Fish breeding													
	Feeding management													
	Diseases management													
	Post harvest processing/ Value addition	Packaging of dry fish produced under Solar Tent Dryer for fetching higher return	College of Fisheries, AAU, Raha	3	-	3	Aug. - Oct. 19	2	0	2	1	0	1	3
	IFS Modules	Three tier integrated Fish cum Horticulture cum Duck Farming (Fish- 8,000 nos per ha, Duck- 350 nos. per ha and sapling- 200 nos. per ha)	FRC, AAU, Jorhat-13	3	0.3	3	May'19-Feb'20	02	01	03	0	0	0	03
		Integrated pig cum fish culture (Fish- 8000 nos. per ha and piglet- 40 nos. per ha)	FRC, AAU, Jorhat-13	2	0.2	2	May'19-Feb'20	02	0	02	0	0	0	02
	Others (Pl. specify)													

Mandated activities	Target group	Title of the training programme	No. of training progs	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries						Remarks	
							SC/ST			General				Grand Total
							M	F	Total	M	F	Total		
<b>ON AND OFF CAMPUS TRAINING PROGRAMMES</b>	Farmer and Farm women	Fish diseases & their management	1	Nov., 19	1	Off	20	5	25	0	0	0	25	
		Fish pond construction and its management	1	May,19	1	Off	10	5	15	10	0	10	25	
		Fish seed rearing in backward ponds	1	June,19	1	Off	20	5	25	0	0	0	25	
		Training on advanced fry and fingerling production of carps in ponds	1	June, 19	1	Off	20	5	25	0	0	0	25	
		Integrated duck cum fish farming system	1	August, 19	1	Off	20	5	25	0	0	0	25	
		Fish cum Poultry farming	1	August, 19	1	Off	20	5	25	0	0	0	25	
		Paddy cum fish culture	1	August, 19	1	Off	20	5	25	0	0	0	25	
	Rural Youth	Hands on training Construction & operation of Solar tent dryer	1	Aug., 19	2	Off	10	5	15	10	0	10	25	
		Hands on training on ornamental fish culture, fabrication, installation and maintenance of aquarium	1	Sept., 19	2	Off	05	00	10	15	05	20	25	
	Extension Personnel	Fish diseases & their management	1	Nov., 19	1	Off	15	0	15	0	0	0	15	
	Civil Society													
	NGO													
	NGO													
Farmer and Farm women														
<b>ON AND OFF CAMPUS TRAINING PROGRAMMES</b>	Extension Personnel													
	Civil Society													

	NGO													
	Rural Youth													
	Others (Farmer and Farm women)	Vocational training on Fish product development and value addition	1	Dec. 19	4	Off	03	02	05	10	05	15	20	
		Vocational training on scientific method of Aquaculture practices and its management	1	July, 19	7	Off	15	15	20	0	0	0	20	
	NGO													
<b>Sponsored training programme</b>	Farmer and Farm women													
	Farmer and Farm women													
	Farmer and Farm women													
	Farmer and Farm women													
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO													

**Discipline:** Agricultural Economics & FM

**Name of the concerned Subject Matter Specialist:** Ms. Pallavi Deka

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Mandate d activities	Thematic Area	Technology/ Method/ Process/ Model	Source and Year of release	Assess/ Refine	Area (in ha.)	Location	Period and Duration	Number of respondents/ beneficiaries						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
On farm testing	Formation of Groups													
	Benchmark Survey													
	Impact Assessment													
	Technology Backstopping													
	Dissemination time/ Loss of technologies													
	Coordination/ Convergence/ Linkages promoted/ created													
	Others (Pl. specify) Agril. Finance	An Assessment of credit facilities to small & marginal farmers and possible measures to overcome	AAU	A	-	3	Aug, 1 month	-	-	-	-	-	-	30
	Impact study	Impact assessment of oilseeds introduced through CFLD	AAU	A		2	Sept 1 month	-	-	-	-	-	-	30

Mandated activities	Thematic Area	Technology/ Method/ Process/ Model	Source and Year of release	Crop/ Cropping system/ Enterprise	Area (in ha.)	Location	Period and Duration	Number of beneficiaries						Grand Total
								SC/ST			General			
								M	F	Total	M	F	Total	
Front Line Demonstration	Formation of Groups													
	Benchmark Survey (PRA etc)													
	Impact Assessment													
	Technology Backstopping													
	Dissemination time/ Loss of technologies													
	Coordination/ Convergence/ Linkages promoted/ created													
	Others (Pl. specify) Farming System	Empowering women SHGs for proper processing and packaging of locally made pickle	AAU, Jorhat		2 SHGs	1	2 months Oct– Nov	-	-	-	-	-	-	20
	Handloom	Formation of traditional handloom products cluster particularly Gamosa	AAU, Jorhat		2 clusters	1	2 months Oct – Nov	-	20	20	-	-	-	20

Mandated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campuses	Number of beneficiaries						Remarks	
							SC/ST			General				Grand Total
							M	F	Total	M	F	Total		
On and Off campus training programmes	Farmer and Farm women	Entrepreneurship development through processing of minor fruits	1	June	5 days	Off	-	20	20	-	5	5	25	
		Entrepreneurship development through processing and marketing of mushroom	2	Feb Mar	2 days	Off	40	-	40	10	-	10	50	
		Strengthening of women SHG through income generating activities	1	May	5 days	Off	-	20	20	-	5	5	25	
		Formation and management of Farmers producer organization	2	Aug Sept	2 days	Off	40	-	40	10	-	10	50	
	Rural Youth	Processing and value addition of Cereals for better marketing and higher income	1	Oct	4 days	Off	10	10	20	5	0	5	25	
		Processing and value addition of available spices for better marketing and higher income	1	July	4 days	Off	10	10	20	5	0	5	25	
	Extension Personnel	Formation and management of	1	Jan	1 day	Off	15	5	20	5	-	5	25	

		Farmers producer organization												
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													
<b>Vocational Training</b>	Rural Youth	Design and product development of Jute based product	1	Oct-Nov	7 days	Off	20	-	20	5	-	5	25	
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													

<b>Sponsored training programmes</b>	Farmer and Farm women													<b>Sponsoring agency</b>
	Rural Youth													
	Extension Personnel													
	Civil Society													
	NGO(including school drop-outs)													
	Others (Pl. specify)													



**Discipline: Community Science**

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Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Assess/Refine	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ trials						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
<b>On farm testing</b>	Nutritional Gardening													
	Nutritional diet for children/ Pregnant women													
	Energy saving tools/ devices													
	Water harvesting devices including purification													
	Hygienic Sanitation													
	Organic dye introduction/ utilization													
	Utilization of waste materials (Bio-degraded/ Bio-non degraded)													
	Storage techniques (grains/	Sensory Evaluation of Ready to cook green jackfruits	Horticulture Division ICAR	A		5	April-Sep.	-	3	3	-	2	2	5

	fruits/ fishes/ meat etc)		Research Complex for NEH Region, Umiam, 2010												
	Performance of Low cost technology of drying of Oyster Mushroom		BAU, Ranchi, 2014	A		5	Nov- March	1	2	3	-	2	2	5	
	Uses of women friendly tools (WFT)														
	Techniques of child care/ old age														
	Value Addition														

Mandated activities	Thematic Area	Name of Technology	Source and Year of release	Enterprise	Area (in ha.)	Location	Period and Duration	Number of beneficiaries/ demon.						
								SC/ST			General			Grand Total
								M	F	Total	M	F	Total	
Front Line Demonstration	Nutritional Gardening													
	Nutritional diet for children/ Pregnant women													
	Energy saving tools/ devices													
	Water harvesting													

devices including purification														
Hygienic Sanitation														
Organic dye introduction/ utilization														
Utilization of waste materials (Bio-degraded/ Bio-nondegreded)														
Storage techniques (grains/ fruits/ fishes/ meat etc)	Popularization on preparation of ginger product i.e. i.ginger candy ii. ginger paste	AICRP, A.A.U. 2005	Value addition		6	Oct- Mar	1	2	3	1	2	3	6	
Uses of women friendly tools (WFT)														
Techniques of child care/ old age														
Blending														
Value addition	Product diversification and value addition of Woven fabric for better marketability. Traditional Bodo 'arnai' and Rabha 'pajar' design wil be introduced in dinning mat warp-ton yarn	Farmers practice	Woven fabric		6	Sep-Feb.	-	3	3	3	-	3	6	

		weft- thailand yarn (0 ply) pattern design-kashmiri yarn												

Man dated activities	Target group	Title of the training Programme and No. of Courses in bracket	No. of training progs	Period of the year	Duration (in days)	On/Off campus	Number of beneficiaries						Grand Total	Remarks
							SC/ST			General				
							M	F	Total	M	F	Total		
	Farmers and Farm Women	Processing and preservation of fruits and vegetables	1	Dec	5	off	2	11	13	-	12	12	25	
		Nitrification of traditional recipes	2	July, Oct	2	off	0	32	32	0	15	15	50	
		Drudgery reduction through work simplification	2	Aug Sept	1	Off	2	33	35	3	12	15	50	
	Rural Youth	Processing and preservation of fruits and vegetables	1	Jan	5	Off	2	17	19	-	6	6	25	
		Value addition of fabric through dyeing, printing and embroidery	2	Nov Feb	3	Off	1	37	38	-	12	12	50	
		Artificial flower making	2	June, march	3	Off	7	20	27	5	18	23	50	
	Extension Personnel	Health and nutritional care of children	1	Oct	1	off	-	11	11	2	7	9	20	
	Civil Society													
	NGO(including school drop outs)													
	Others (Pl. specify)													
Vocational training programmes	Farmer and Farm women													
	Rural Youth	Different product making from water hyacinth	1	July	7	On	0	12	12	2	11	13	25	
	Extension Personnel													
	Civil Society													

	NGO(including school drop-outs)													
	Others (Pl. specify)													

<b>Sponsored training programmes</b>															<b>Sponsoring agency</b>
	Farmer and Farm women														
	Rural Youth														
	Extension Personnel														
	Civil Society														
	NGO(including school drop-outs)														
	Others (Pl. specify)														

**Extension Activities proposed for the year 2019-20**

Specific activity	No. of activities	Period of the year	Duration (in days)	Number of beneficiaries (No.)							
				SC/ST			General			Grand Total	
				M	F	Total	M	F	Total	M	F
Diagnostic visit	20	Year round		150	75	225	75	50	125	225	125
Advisory services/ telephone talk	100	Year round		25	25	50	25	25	50	50	50
Training Manual	6									3000 copies	
Celebration of Important days	8			100	100	200	100	100	200	200	200
Exhibition	2	Oct Nov		200	300	400	200	100	300	400	400
Exposure visit	1	Sept- Nov		20	10	30	1	10	20	30	20
Extension literature (Leaflet/ folders/ Pamphlets)	12									6000 copies	
Extension / technical bulletin	4									2000 copies	
News letter	2	Half yearly								1000 copies	
News paper coverage	10									Mass	
Research publications	2									Mass	
Success stories/ Case studies	3									Mass	
Farm Science Clubs' Convenors meet	-	Dec									
Farmers' Seminar	-										
Farmers' visit to KVKs	150	Year round		1000	500	1500	1000	500	1500	2000	1000
Ex-trainees' meet	5			60	30	90	20	15	35	80	45

Field day	10	Oct-Feb		100	50	25	25	100	150	150	50
Film show	2	Year round	1 days each	30	25	55	10	10	20	40	35
Radio Talk	2									Mass	
TV talk	1									Mass	
Kishan Goshthi	1			30	25	55	10	10	20	40	35
Group Meeting	-										
Kishan Mela	1	Nov Dec		220	125	345	80	75	155	300	200
Soil Health Camps	1	Dec		100	10	110	50	40	90	150	50
Animal Health Camps	2	June-Sept		100	10	110	50	40	90	150	50
Awareness camp Mobile Agro-Advisory (Messages/ Beneficiaries)	2	Year round		45	15	60	30	5	35	70	20
Method demonstration	6			50	50	100	30	30	80	100	80
Scientists' visit to farmers' field	120	Year round		80	40	120	56	24	80	136	104
Workshop/ Seminar	-										
Soil Testing	1	Year round		500	0	500	500	0	500	500	500
Water Testing	1	Year round		10	10	20	10	10	20	20	20
Plant Testing	-										
Manure Testing	-										
Any other (Pl. Specify) Video making	3			150	50	200	50	50	100	200	100



**Activity Calendar of the KVK (Month-wise target to be completed) for the year 2019-20**

**KVK: Udalguri**

<b>Activity/ Month</b>	<b>Apr</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Total</b>
<b>OFT (Nos.)</b>													
i. Number of Technologies													
i. Number of Trials													
ii. Area (ha)/ items (no.)													
<b>FLD (Nos.)</b>													
i. Number													
ii. Area(ha)/ items (no.)													
<b>Training programme</b>													
<b>A. Farmer</b>													
i. No. of course													
ii. No. Of participants													
<b>B. Rural Youth</b>													
i. No. of course													
ii. No. Of participants													
<b>C. Ext. Personnel</b>													
i. No. of course													
ii. No. Of participants													
<b>Extension Activities/ programmes</b>													
i. No. of activities													
ii. No. of beneficiaries													
<b>Seeds production (q)</b>													
<b>Planting materials (Nos. in lakh)</b>													

<b>Livestock strains (No. in lakh)</b>													
<b>Fingerlings (No. in lakh)</b>													
<b>Bio-agents/ products (tonnes)</b>													
<b>Bio-fertilizers/ Vermicompost etc. (in q)</b>													
<b>Soil , Water, Plant, Manures Testing (No. of samples to be tested)</b>													
<b>Soil , Water, Plant, Manures Testing (No. of farmers benefitted)</b>													
<b>Soil , Water, Plant, Manures Testing (No. of villages covered)</b>													
<b>Mobile Agro-Advisory (No. of Messages)</b>													
<b>Mobile Agro-Advisory (No. of Farmers)</b>													

*Signature*  
*Senior Scientist and Head*