ANNUAL REPORT
(April-2018-March-2019)

APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	54	1012	78	1090
Rural youths	02	20	0	20
Extension functionaries	13	209	17	226
Sponsored Training	02	66	09	75
Vocational Training	0	0	0	0
Total	**71**	**1307**	**104**	**1411**

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	25	10.00	
Pulses	89	40.00	
Cereals	63	17.00	
Vegetables	12	4.00	
Other crops	16	5.20	
Hybrid crops			
Total	**205**	**76.20**	
Livestock & Fisheries	45		80
Other enterprises			
Total	**45**	**0**	**80**
Grand Total	**250**	**76.20**	**80**

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	03	15	15
Livestock	01	05	05
Various enterprises			
Total	**04**	**20**	**20**
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	**04**	**20**	**20**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	289	6906
Other extension activities	82	0

Total	**371**	**6906**

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
Rampur	Text only							
	Voice only	173	67			43	29	312
	Voice & Text both							
	Total Messages	**173**	**67**			**43**	**29**	**312**
	Total farmers Benefitted							**312**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	305	00
Planting material (No.)	14500	
Bio-Products (kg)		
Livestock Production (No.)		
Fishery production (No.)		

7. Soil, water & plant Analysis

Samples		No. of Beneficiaries	Value Rs.
Soil	107	282	
Water			
Plant			
Total	**107**	**282**	

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	02
2	Conferences	05
3	Meetings	08
4	Trainings for KVK officials	09
5	Visits of KVK officials	07
6	Book published	0
7	Training Manual	0
8	Book chapters	01
9	Research papers	08
10	Lead papers	01
11	Seminar papers	02
12	Extension folder	01
13	Proceedings	01
14	Award & recognition	0
15	On going research projects	02

DETAIL REPORT OF APR-2018-19

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
Krishi Vigyan Kendra, Dhamora-Rampur (U.P.)	Office	FAX	rampurkvk@gmail.com
	05960-296520	05960-296520	

1.2 .Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Sardar Vallabhbhai Patel University of Ag. & tech., Meerut (U.P.)	0121-2411511	0121-2411540	Deesuvpuat2014@gmail.com

1.3. Name of the Programme Coordinator with phone & mobile No

Name	Telephone/Contact		
	Residence	Mobile	E-mail
Dr. Laxmi Kant	-	09411215276	laxmikantkvk@gmail.com

1.4. Year of sanction : 1992

1.5. Staff Position (as on 31th March, 2019)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman-ent /Temp-orary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Programme Coordinator	Dr. Laxmi Kant	Professor and Head	Plant Pathology	37400-67000	67490	26.04.2004	Permanent	SC	9411215276	52	laxmikantkvk@gmail.com
2	Subject Matter Specialist	Dr. Amarjeet Singh Rathi	SMS /Asstt.Prof.	Agronomy	15600-39100	32990	23.06.2008	Permanent	OBC	9411341621	40	asrathi78@yahoo.com
3	Subject Matter Specialist	Dr. Manoj Singh	SMS /Asstt.Prof.	Animal Sc.	15600-39100	32990	23.06.2008	Permanent	Gen	9897494833	38	singhmanoj_21@rediffmail.com
4	Subject Matter Specialist	Dr. Suneeta Pant	SMS /Asstt.Prof.	Home Sc.	15600-39100	29070	23.06.2008	Permanent	Gen	9412048417	52	suneetapt@gmail.com
5	Subject Matter Specialist	Dr. Virendra Singh	SMS /Asstt.Prof.	Plant Protection	15600-39100	31690	26.12.2008	Permanent	OBC	9456841516	42	virendrdr@gmail.com
6	Programme Assistant	Dr. R.N.Singh	Trg. Asstt.	Fisheries	Column (8)	76500	18.02.1995	Permanent	OBC	9411037240	52	rnsingh14545@yahoo.com
7	Computer Programmer	Bhagwan Singh Negi	Prog. Asstt./ Computer Programmer	Computer	Column (7)	50500	18.08.2007	Permanent	Gen	9453381682	46	bsnegi.05@gmail.com
8	Farm Manager	Dr. Ramashray Yadav	Prog. Asstt./ Farm Manager	Plant Breeding	Column (6)	47600	22.07.2008	Permanent	OBC	9412365795	48	ramashrayyadav95@gmail.com
9	Accountant / Superintendent	Sh. Seva Ram	Office Supdt Cum Acctt.	-	Column (8)	64100	18.09.2000	Permanent	OBC	9457046522	46	sevaramsvp@gmail.com
10	Stenographer	Mohd. Irtaza Khan	Jr. Clerk	-	Column (5)	38100	05.05.2000	Permanent	Gen	9412668048	44	bittuirtazakhan@gmail.com
11	Driver	Sh Mukesh Kumar	Driver		Column (4)	32300	31.12.2003	Permanent	SC	9458739410	45	-
12	Supporting staff	Sh. Rajveer Singh	Security guard	-	Column (4)	32300	25.04.1997	Permanent	OBC	7409808114	57	-
13	Supporting staff	Sh Vinod Kumar	Attendant	-	Column (1)	22800	22.11.2010	Permanent	SC	9760671748	43	-

1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	1.012
2.	Under Demonstration Units	0.300
3.	Under Crops	8.540
4.	Orchard/Agro-forestry	2.140
5.	Others (Irrigation channels, Chuck Road, bunds etc.)	0.821
	Total	**12.813**

1.7. Infrastructural Development:

A) Buildings

SN	Name of building	Source of funding	Stage		
			Complete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)
1.	Administrative Building	ICAR	1997	550.00	-
2.	Farmers Hostel	ICAR	2008	298.12	1643000.00
3.	Staff Quarters (6)	ICAR	-	440.00	2669800.00
4.	Demonstration Units (2)	ICAR	-	160.00	1105837.00
5	Compound wall/ Fencing	ICAR	-	1000 R/M	1922000.00
6	Rain Water harvesting system	-	-	-	-
7	Threshing floor	ICAR	-	300.00	225000.00
8	Farm godown	ICAR	-	60.00	362671.00
9	Irrigation Channel	ICAR	-	1200 R/M	991440.00
10	Soil testing lab	ICAR	-	65.50	300000.00

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor Sonalika	March 2017	520863.00	370 hrs.	Working
Bolero Jeep	2 July 2009	507000.00	132153	Working
Tractor (HMT)	Transferred from Pantnagar on 08.06.1995	-	5404 hr.	Old type Not Working,
Motorcycle (Rajdoot)	Transferred from Pantnagar on 01.07.1996	-	25866	Not working
Bicycle	20.11.2003	1500.00	-	Working

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
O.H. Projector	Transferred from Pantnagar on 05.09.1995	-	Not Working
Slide Projector	Transferred from Pantnagar on 05.09.1995	-	Not Working
Panasonic LCD multimedia projector with SD memory card reader	30.03.2007	68125.00	Working Condition
Camera hot shot	Transferred from Pantnagar on 05.09.1995	-	Not working

Sony Digital camera	31.03.2004	15300.00	Not working
Sony Digital camera	25-03-2014	10450.00	In working order

1.7. A). Details SAC meeting* conducted in the year

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	22.02.2019	1. Dr. S.K Sachan , D.E. SVPUA&T, Meerut, Chairman 2. Dr. Laxmikant, Head / Secretary 3. Dr. Hariom Katiyar, Asstt. Prof. Hort., SVPUA&T, Meerut 4. Shiv Singh, DASP Rampur 5. Dr. B.P.Singh, IVRI, Bareilly 6. Ranveer Singh, Agriculture, Rampur 7. Ashok Kumar Verma, LDM, BOB Rampur 8. Tejpal Singh, Director BOB, RSETHI, Rampur 9. Vinay Verma, Programme Officer, AIR Rampur 10. Niranjan Singh, Secretary, Cane Deptt. Rampur 11. Varun Chadurvedi, DTO Rampur 12. Vishwanath, DAO, Rampur 13. Ram Naresh Verma DHO, Rampur 14. Brijmohan Tyagi, DDO Rampur 15. Dr. Manmohan Pandey, VO, Dhamora 16. Sanjeev Kumar, Cane Deptt. Rampur 17. Kailash Chandra, SMS Ag. Deptt. 18. Harprasad, Agriculture Officer, BOB Dhamora 19. Virendra Singh, BSNL Dhamora 20. Sri Yograj Singh Member 21. Manpreet Singh Member 22. Abhay Singh, SMS Agri. Milak 23. Malkhan Singh Member	Details enclosed	

Note : This yellow mark may be treated as an example
**** Attach a copy of SAC proceedings along with list of participants***

2. DETAILS OF DISTRICT (2018-19)

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1.	Agriculture- Horticulture
2.	Agriculture- Dairying
3.	Agriculture- Goat rearing
4.	Agriculture- Poultry
5.	Poultry
6.	Fishery
7.	Bee keeping
8.	Horticulture
9.	Agro forestry

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

SN	Agro-climatic Zone	Characteristics	Agro ecological situation	Characteristics
1	Mid western plain zone	The soils are coarse to medium in texture, neutral to slightly alkaline in nature. Moderately well drained, consistently deep and neutral to slightly alkaline in nature. Climate are the zone in general to subtropical mansoon type. The rain fall in distt,. rampur varies from 600 mm to 965 mm. About 77% area of the distt,. is irrigated and rest 23% area is un irrigated. The crop of the zone are rice, urd , wheat s, toria , sugarcane, lentil and mentha. Tha max temp of the distt. varies form 42 to 44^{o}C and min 1 to 6^{o}C.	AES-I	The soils are low to medium in available phosphorus, medium to high in organic carbon. Bilaspur and Suar tehsils area falls under this AES. The major crops grown are paddy, wheat, sugarcane, toria, mentha, sunflower etc.
2			AES-II	The soils are low to medium in available phosphorus and organic carbon. Shahabad, Sadar, Tanda and Milak tehsil area falls under this AES. The major crops grown are paddy, wheat, sugarcane, toria, lentil , mentha etc.

2.3 Soil types

S. No	Soil type	Characteristics	Area in ha.
1	Silt clay loam	-	25
2	Loam and Sandy loam	-	55
3	Loamy Sand	-	15
4	Sandy Soil	-	4

2.4. Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (m.t.)	Productivity (Qt /ha)
1	Rice	116154	260766	22.40
2	Wheat	148645	486069	32.00
3	Barley	29	66	22.00
4	Jawar	602	574	0.95
5	Bajra	3394	2746	0.81
6	Maize	485	724	10.40
	Total Cereals	269309	750945	88.56
7	Urd	4964	5848	11.70
8	Moong	14	02	0.14
9	Lentil	-	-	-
10	Gram	-	-	-
11	Pea	1242	1594	12.80
12	Arahar	52	72	13.84
Total Pulses		6272	7516	38.48
Total Food Grains		275581	758461	127.04
13	Mustard	4125	4426	10.70
14	Til	11	01	0.09
15	Soyabean	68	72	10.50
Total Oilseeds		4204	4499	21.29

Source of information: Kharif/Rabi karyashala, Krishi Vibhag Uttar Pradesh

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0}C		Relative Humidity (%)
Apr., 18	45.4	**Maximum**	**Minimum**	
May., 18	0			
Jun., 18	0			
July., 18	502.5			
Aug., 18	965			
Sept., 18	177.1			
Oct., 18	35.5			
Nov., 18	0			
Dec., 18	0			
Jan., 19	0			
Feb., 19	0			
Mar., 19	0			

2.6 Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
Crossbred	29585	-	-
Indigenous	101510	-	-
Buffalo	348998	-	-
Category	Area (ha)	Production	Productivity
Fish	360.636	-	26 q/ha

2.7 Details of Operational area / Villages (2018-19)

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Sadar	Chamroua	Daniapur Shankarpur	Paddy	Low yield	Integrated Nutrient Management Integrated Pest Management Weed management Water management
				Wheat	Low yield	Integrated Nutrient Management Integrated Pest Management Weed management
				Urd	Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
				Toria	Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
				Mentha	Low yield	Integrated Pest Management Replacement of variety
				Mango	Low yield	Poor management

				Poplar	Low growth	Integrated Pest Management Scientific planting technique
				Cattle	Low yield	• Green fodder production • Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms
				Buffalo	Low yield	• Green fodder production • Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms
2.	Milak	Milak	Ashokpur	Paddy	Low yield	Integrated Nutrient Management Integrated Pest Management Weed management Water management Seed production
				Wheat	Low yield	Integrated Nutrient Management Integrated Pest Management Weed management Seed production
				Urd	Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
				Toria	Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
				Mentha	Low yield	Integrated Pest Management Replacement of variety
				Mango	Low yield	Poor management
				Poplar	Low growth	Non adoption of scientific planting methods and plant protection measures
				Cattle	Low yield	• Green fodder production • Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals • Control of Animal Disease and abdominal worms
				Buffalo	Low yield	• Green fodder production • Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms
3.	Milak	Milak	Loha Patti Bhagirath	Paddy	Low yield	Integrated Nutrient Management Integrated Pest Management Weed management Water management

				Wheat	Low yield	Integrated Nutrient Management Integrated Pest Management Weed management
				Urd	Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
				Toria	Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
				Mentha	Low yield	Integrated Pest Management Replacement of variety
				Mango	Low yield	Poor management
				Poplar	Low growth	Non adoption of scientific planting methods and plant protection measures
				Cattle	Low yield	Green fodder production Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms
				Buffalo	Low yield	Green fodder production Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Rice	Integrated Nutrient Management
Rice	Integrated Pest Management
Rice	Weed management
Rice	Water management
Rice	Seed production
wheat	Integrated Nutrient Management
Wheat	Integrated Pest Management
Wheat	Weed management
Wheat	Seed production
Urd(Black Gram)	Integrated pest management
Urd(Black Gram	Replacement of variety
Lentil	Integrated pest management
Lentil	Replacement of variety
Mustard	Integrated Nutrient Management
Mustard	Integrated Pest Management
Mustard	Replacement of variety

Toria	Integrated Nutrient Management
Toria	Integrated Pest Management
Toria	Replacement of variety
Mentha	Integrated Pest Management
Mentha	Integrated Nutrient Management
Mentha	Replacement of variety
Sugarcane	Integrated Pest Management
Sugarcane	Integrated Nutrient Management
Small scale entrepreneur	Mushroom production
Small scale entrepreneur	Bee keeping
Live stock	Management and balanced feeding of farm animals
Live stock	Green fodder production
Live stock	Supplementation of mineral mixture and salt in feed
Live stock	Control of Animal Disease and abdominal worms
Live stock	Backyard poultry farming
Fisheries	Availability of quality fish seed for stocking
Fisheries	Nutritionally Balanced feed in fish culture.
Home Science	Balanced diet and nutrition management in human being
Home Science	Popularizing handicraft
Home Science	Drudgery reduction
Home Science	Value addition to food products

2.9 Intervention/ Programmes for the doubling the farmers income – during 2018-19 **Demonstrations**

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent Yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Intercropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Intercropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Mono Cropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Mono Cropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Relay Cropping System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Relay Cropping System(Kharif-Rabi-Zaid)-Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Mixed Farming System(Kharif-Rabi-Zaid)-Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Mixed Farming System(Kharif-Rabi-Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
IFS System(Kharif-Rabi-Zaid) - Livestock etc.							
Rice-yellow sarson+sugarcane-ratoon-wheat, buffalo-01	750	8	1200	130000.00	117000.00	1.9	

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
IFS System(Kharif-Rabi-Zaid) -Livestock etc.							
Rice-yellow sarson(PPS-01) + sugarcane(Trench Method) - ratoon-wheat, buffalo-01, Cow-01	910	15	1700	180000	229000	2.27	

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Note- Same format may be used for OFT.

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2018-19

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
06	04	30	20	76.2	76.2	200	250

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	75	54	1500	1090	400	371	4000	6906
Rural youth	12	02	120	20				
Extn. Functionaries	24	13	480	226				
Other	02	02	75	75				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200	305.00	U.P.Beej Vikas Nigam & FCI	20000	14500	

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Varietal Evaluation	Mentha	Varietal Evaluation	05	05
Integrated Pest Management	Paddy	Control of stem borer	05	05
Integrated Disease Management	Veg. Pea	Biological control of root rot disease	05	05
Total			**15**	15

Summary of technologies assessed under livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Disease Management				
Evaluation of Breeds				
Feed and Fodder management	Buffalo	UMMB	05	05
Nutrition Management				
Total			**05**	**05**

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers

Note: Suppose **IPM in paddy** is the technology assessed by 50 KVKs in the Zone with 5 trials by each KVK, then IPM in paddy needs to be considered as a single technology, with 50*5 = 250 trials and No. of KVKs will be 50. In addition, please note that even if IPM in paddy is done with various combinations of Technology Options (treatments), it may be considered as a single technology only.

I.B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops by KVKs

Thematic areas	Crop	Name of the technology refined	No. of trials	No. of farmers
Integrated Nutrient Management				
Integrated Pest Management				
Total				

Summary of technologies refined under various livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology refined	No. of trials	No. of farmers
Disease Management				
Total				

Summary of technologies refined under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers

Note: Suppose **IPM in paddy** is the technology refined by 50 KVKs in the Zone with 5 trials by each KVK, then IPM in paddy needs to be considered as a single technology, with 50*5 = 250 trials and No. of KVKs will be 50. In addition, please note that even if IPM in paddy is done with various combinations of Technology Options (treatments), it may be considered as a single technology only.

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

VARIETAL EVALUTION

1- Problem definition: *Low yield of Mentha*

Technology Assessed or Refined*: Evaluation of mentha variety*

Mentha is an important commercial crop of Rampur in U.P.- however there is high incidence of disease and mixture type variety resulting in yield loss. On this context conducted on-farm trial to assess the Performance of mentha the result indicated that c.v. sim kranti gave 21.9 percent increase menthe oil yield over Koshi .

Table: ***Performance of Mentha varieties***

Technology Option	*No. of trials*	*Mentha oil Yield Kg/ha*	*Increase in yield (%)*	*BC Ratio*
1- Koshi	*05*	*105*	*-*	*2.12*
2- SimKranti		*128.2*	*21.9*	*2.6*

PEST AND DISEASE MANAGEMENT

2- Problem definition: *Low yield of paddy due to infestation of stem borer*
Technology Assessed or Refined *: To increase the production potential of paddy through management of stem borer.*

Paddy is an important kharif crop of U.P. However, there is high infestation of stem borer in paddy resulting in yield loss. Therefore, On Farm Trails at farmers field on five locations were conducted to control the stem borer. The technology of Use of Cartap hydrochloride 4G@ 20kg/ha and Ferterra 0.4GR@10kg/ha reduced the percentage of pest incidence from 19.6 to 6.0 as well as 4.8 percent and yield was increased by 20.13 as well as 23.52 per cent respectively.

Table: Effect of Cartap hydrochloride and Ferterra in control of Stem borer in Paddy (Variety- Sarbati)

Technology Option	*No.of trials*	*Pest Incidence (%)*	*Yield (Qt/ha)*	*% Increase in yield over farmer's practice*	*C:B Ratio*
T1 = Farmers Practice (Use of Phorate 10G @ 25 Kg/ Ha)	*05*	*19.6*	*44.2*	*-*	*1:1.49*
T2 = Use of Cartap hydrochloride 4G@ 20kg/ha		*6.0*	*53.1*	*20.13*	*1:1.60*
T3 = Use of Ferterra (Chlorantraniliplore) 0.4GR@10kg/ha		*4.8*	*54.6*	*23.52*	*1:1.94*

3- Problem definition: *Low yield of vegetable pea due to root rot disease*
Technology Assessed or Refined *: Biological control of root rot disease in vegetable pea.*

Vegetable pea is an important rabi crop of U.P. However, there is high incidence of root rot disease in vegetable pea resulting in yield loss. Therefore, On Farm Trails at farmers field on five locations were conducted to control the root rot disease . The technology of soil application of Trichoderma powder @ 2.5kg/ha and Pseudomonas powder @ 2.5 kg/ha mixed with FYM reduced the percentage of disease incidence from 21.5 to 6.0 as well as 5.2 percent and yield was increased by 30.6 as well as 33.1 per cent respectively.

Table: Effect of *Trichoderma powder* ***and*** *Pseudomonas powder* ***in control of root rot disease in Vegetable pea (Variety- Arkel)***

Technology Option	*No.of trials*	*Pest Incidence (%)*	*Yield (Qt/ha)*	*% Increase in yield over farmer's practice*	*C:B Ratio*
T1 = Farmers Practice (Use of Carbofuran 3G @ 25 Kg/ Ha)	*05*	*21.5*	*62.4*	*-*	*1:1.65*
T2 = soil application of Trichoderma powder @ 2.5kg/ha		*6.0*	*81.5*	*30.6*	*1:2.36*
T3 = soil application of Pseudomonas powder @ 2.5 kg/ha		*5.2*	*83.1*	*33.1*	*1:2.42*

LIVE STOCK ENTERPRISES

Problem definition: *Low milk yield and infertility due to imbalance nutrients.*

Technology Assessed or Refined (as the case may be): *Assessment of urea molasses Minerals block supplementation on milk production and Reproductive performance in lactating buffalo.*

KVK, Rampur conducted trial to assess the supplementation of urea molasses Minerals block on milk production and Reproductive performance in lactating buffalo. The UMMB is a high protein concentrated feed containing necessary amount of minerals and vitamins. It provides non protein nitrogen to the rumen microbes without risk. Supplementation of UMMB with straw based diet increase daily milk yield, longer lactation period and fertility in lactating animals.

Table: Urea molasses Minerals block supplementation on milk production and Reproductive performance.

Technology Option	***No.of trials***	***Average milk yield lit/day***	***% increase***	***Gross cost (Rs)***	***Gross Return (Rs)***	***BC Ratio***	***Conception Rate (%)***
T1- Use of choker and common salt (Farmers practice)	*5*	*4.8*	*-*	*121.0*	*168.0*	*1.39*	*20*
T2- UMMB supplementation (Licking) @ 300 g/day/animal		*6.76*	*20.71*	*130.0*	*236.60*	*1.82*	*80*

II. FRONTLINE DEMONSTRATION

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2017-18 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1	Wheat	IWM	Pendimethalin@3.3 lit/ha	Demonstration, Training and Gosthi	10	150	125.0
2	Wheat	IWM	Pendimethalin@3.3 lit/ha	Demonstration, Training and Gosthi	15	175	220.0
3	Paddy	IWM	Bispyriback sodium	Demonstration, Training and Gosthi	15	125	203.2
4	Paddy	IDM	Foliar spray of Propiconazole 25% EC for the management of sheath blight	Demonstration, Training and Gosthi	15	150	175.6
5	Paddy	IPM	Spray of buperofezin 25%Sc @300 ml/acra for the management of BPH	Demonstration, Training and Gosthi			
6	Mentha	IPM	Imidaclropid @ 180 ml/ha (Foliar spray)	Demonstration, Training and Gosthi	20	200	200.0
7	Tomato	IPM	Use of pheromone traps and spry of indoxacarb for the management of fruit borer	Demonstration, Training and Gosthi	13	198	213.6
8	Mango	IPM	Use of methyl eugenol traps for the management of fruit fly	Demonstration, Training and Gosthi	16	227	236.1
9	Reddish	Varietal Evaluation	Improving yield through HYV	Demonstration, Training and Gosthi	25	160	156.5

**** Thematic areas as given in Table 3.1 (A1 and A2)***

b. Details of FLDs implemented during **2018-19** (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops**.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Lentil	Varietal Evaluation	High Yield Variety	Rabi 2018-19	10	10	1	24	25	

2	Urd	IPM	IPM	Kharif 2018	20	20	3	38	41	
3	Moong	Varietal Evaluation	High Yield Variety	Zaid 2018	20	20	5	40	45	
4	Mustard	Varietal Evaluation	High Yield Variety	Rabi 2018-19	10	10	3	22	25	
5	Wheat	IDM	Foliar spray of Mancozeb 75% WP	Rabi 2018-19	4.0	4.0	0	10	10	
6	Wheat	Mechanization	Happy Seeder	Rabi 2018-19	33	33	10	0	10	
7	Sugarcane	Mechenization	MB Plough	Rabi 2018-19	01	01	01	0	01	
8	Pea	Mechanization	MB Plough	Rabi 2018-19	02	02	02	0	02	
9	Paddy	IDM	Foliar spray of Propiconazole 25% EC	Kharif 2018	4.0	4.0	01	09	10	
10	Paddy	IPM	Foliar spray of Buperofezin 25%SC	Kharif 2018	4.0	4.0	0	10	10	
11	Tomato	IPM	Foliar spray of indoxacrb 14.5% SC	Rabi 2018-19	2.0	2.0	01	09	10	-
12	Mentha	IDM	Management of root rot disease by using Trichoderma and Pseudomonas Powder	Zaid 2018	4.0	4.0	-	10	10	
13	Barseem	Fodder Production	BL-42	Rabi 2018 - 19	0.2	0.2	0	05	05	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Lentil	Rabi	Irrigated	Sandy-loam	210	10	200	Rice	13.11.18	01.04.19		
Urd	Kharif	Irrigated	Sandy-loam	200	14	225	Wheat	19.09.18	25.10.18		
Moong	Zaid	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	08.03.18	20.06.18		
Mustard	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Rice	23.10.18	25.03.19		
Wheat	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Rice	23.10.18	25.03.19		
Sugarcane	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Rice	25.10.17	25.04.19		
Pea	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Rice	27.10.18	25.02.19		
Paddy	Kharif 2018	Irrigated	Sandy-loam	210	13	215	Wheat	22.06.18	25.10.18	-	-
Paddy											
	Kharif 2018	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	03.07.18	25.10.18	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Mentha	09.07.18	26.10.18	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	10.07.18	28.10.18	-	-
Paddy											
	Kharif 2018	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	27.06.18	29.10.18	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	02.07.18	28.10.18	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	25.06.18	27.10.18	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	05.07.18	28.10.18	-	-
	Kharif	Irrigated	Sandy-loam	Low	Medium	Medium	Wheat	01.07.18	31.10.18	-	-
Tomato											
	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Cucumber	18.11.18	29.03.19	-	-
	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Cauliflower	16.11.18	31.03.19	-	-
	Rabi	Irrigated	Sandy-loam	Low	Medium	Medium	Okra	15.11.18	04.04.19	-	-

Technical Feedback on the demonstrated technologies Technical Feedback on the demonstrated technologies

S. No	**Feed Back**
1	Opportunities to take intercropping, control of early stage of weeds.
2	Opportunities control of weeds after 15 days after sowing
3	Spray of Urea phosphate (water soluble fertilizer) increase the growth and reduce the maturity period and ultimately increase yield because in later stage temperature increases , the grain size of the crop shrinks

Farmers' reactions on specific technologies

S. No	Feed Back
1	Opportunities to take intercropping, control of early stage of weeds.
2	Opportunities control of weeds after 15 days after sowing
3	Vigorous growth and more yield.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
2	Farmers Training				
3	Media coverage				
4	Training for extension functionaries				

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Mustard																		
	Varietal Evaluation	HYV	PYS-1	25	10	16	14	15	12	2520	20100	63000	42900	3.1	20100	50400	30300	2.5

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Blackgram																		
Kharif	IPM	IPM	Pant Urd-31	45	20	11	10	10.5	7.5	40	20500	42000	21500	2.04	20500	30000	9500	1.46
Greengram																		
Zaid	Varietal Evaluation	HYV	IPM-02-03	20	10	12.8	7.2	10	8	25	20500	48000	27500	2.34	20500	38400	18000	1.87
Lentil																		
	Varietal Evaluation	HYV	PL-8	24	10	14	10	12	10.5	8.5	20500	50400	29900	2.45	20500	41100	23600	2.00

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Cereals																			
Paddy																			
Pusa-1509	IDM	Foliar spray of Propiconazole 25% EC	10	4.0	57.1	51.8	54.32	44.36	22.45	5	22	32000	95060	63060	1.97	31000	77630	46630	1.50
Pusa-1509	IPM	Foliar spray of Buperofezin 25%SC	10	4.0	57.0	51.1	54.4	44.7	21.7	6	26	32000	95200	63200	1.98	31000	78225	47225	1.52
Wheat																			
PBW-3086	Mechanization	Happy Seeder	33	9	21	17	19	20	(-) 0.52	-	-	20247	100900	79653	4.74	26847	105250	78403	3.9
PBW-550	IDM	Foliar spray of Mancozeb 75% WP	10	4.0	55.7	50.5	52.98	44.93	17.91	5	18	36000	97483	61483	1.71	35000	82671	47671	1.36
Tomato																			
Roopali	IPM	Foliar spray of indoxacrb 14.5% SC	10	2.0	412.0	395.7	403.07	327.33	23.13	5	21	80000	483684	403684	5.04	76000	392796	316796	4.16
Vegetable pea																			
Arkel	Mechanization	Reversible MB Plough	2	2	97	83	90	80	12.5			31250	135000	103750	4.32	25500	120000	94500	4.7
Commercial Crops																			
Sugarcane																			
COS-238	Mechanization	Reversible MB Plough	1	1	750	750	750	700	7.14	-	-	105000	243750	138750	2.32	95000	227500	132500	2.39
Potato																			
Medicinal & aromatic plants																			
Mentholment																			
Sim Saryu-1	IDM	Management of root rot	10	4.0	134.0	125.6	129.7	103.01	25.9			31000	116739	85739	2.76	30500	92709	62209	2.03

		disease by using Trichoderma powder																	
Berseem																			
	Fodder production	Seed BL-42	05	0.20	950	930	896	750	16.29			20520	44800	24280	2.18	19920	37500	17580	1.88

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle																	
Buffalo																	
	Feed & Fodder Management	Feeding of urea treated paddy straw	5	10	Concentrate average 2.71kg/ani./day	Concentrate average 3.6kg/ani./day	24.72	Milk prod. 7.61 lit/day/ani.	Milk prod. 7.20 lit/day/ani.	176.93	266.35	89.42	1.5	196.20	252.00	55.80	1.28
Buffalo Calf																	
	Disease management	Albendazol 30ml+ Livol 10 g/day for 10 days	30	60	05	60	55% Mortality Decrease										

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

FLD on Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Feed Management																	
	Feed management	Fertilizer- Urea 50 kg/ha	10	10	Yield -35 q/ha	Yield- 30q/ha	16.66	-	-	155000	350000	195000	2.25	150000	300000	150000	2.0

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

FLD on Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.) or Rs./unit				Economics of check (Rs.) or Rs./unit			
				Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oyster Mushroom																

FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Check

FLD on Farm Implements and Machinery

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

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units	Yield (Kg)		% change in yield	Other parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)

FLD on Demonstration details on crop hybrids *(Details of Hybrid FLDs implemented during* **2018-19***)*

Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average						
Oilseed crop													

Note : Remove the Enterprises/crops which have not been shown

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	01	18	0	18	02	0	02	20	0	20
Integrated Crop Management	03	54	0	54	06	0	06	60	0	60
Total	**04**	**72**	**0**	**72**	**08**	**0**	**08**	**80**	**0**	**80**
II Horticulture										
IV Livestock Production and Management										
Animal Nutrition Management										
Disease Management	05	98	11	109	01	0	01	99	11	110
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total	**05**	**98**	**11**	**109**	**01**	**0**	**01**	**99**	**11**	**110**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet	01	0	20	20	0	0	0	0	20	20
Designing and development for high nutrient efficiency diet										
Storage loss minimization techniques										
Value addition	03	0	60	60	0	0	0	0	60	60
Others (pl specify)										
Total	**04**	**0**	**80**	**80**	**0**	**0**	**0**	**0**	**80**	**80**
VII Plant Protection										
Integrated Pest Management	02	39	0	39	1	0	1	40	0	40
Integrated Disease Management	03	59	0	59	1	0	1	60	0	60
Bio-control of pests and diseases										
Total	**05**	**98**	**0**	**98**	**02**	**0**	**02**	**100**	**0**	**100**
VIII Fisheries										
Integrated fish farming	01	15	02	17	03	0	03	18	02	20
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture	01	18	0	18	02	0	02	20	0	20
Total	**02**	**33**	**02**	**35**	**05**	**0**	**05**	**38**	**02**	**40**
GRAND TOTAL	**20**	**316**	**95**	**411**	**19**	**0**	**19**	**335**	**95**	**430**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	01	19	0	19	01	0	01	20	0	20
Nursery management										
Integrated Crop Management	02	36	0	36	04	0	04	40	0	40
Soil & water conservatioin										
Integrated nutrient management	01	18	0	18	02	0	02	20	0	20
Production of organic inputs										
Total	**04**	**73**	**0**	**73**	**07**	**0**	**07**	**80**	**0**	**80**
IV Livestock Production and Management										
Dairy Management	03	55	0	55	5	0	5	60	0	60
Animal Nutrition Management										
Disease Management	04	66	9	75	04	0	04	79	5	84
Feed & fodder technology	03	46	0	46	14	0	14	60	0	60
Production of quality animal products	02	36	0	36	04	0	04	40	0	40
Others (pl specify)										
Total	**12**	**203**	**9**	**212**	**27**	**0**	**27**	**239**	**5**	**244**

V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	01	0	20	20	0	0	0	0	20	20
Design and development of low/minimum cost diet	01	0	20	20	0	0	0	0	20	20
Storage loss minimization techniques	01	0	20	20	0	0	0	0	20	20
Value addition	01	0	20	20	0	0	0	0	20	20
Women empowerment										
Location specific drudgery reduction technologies	01	0	20	20	0	0	0	0	20	20
Rural Crafts	01	0	20	20	0	0	0	0	20	20
Women and child care	01	0	20	20	0	0	0	0	20	20
Others (pl specify) Family health care	03	0	60	60	0	0	0	0	60	60
Total	**10**	**0**	**200**	**200**	**0**	**0**	**0**	**0**	**200**	**200**
VII Plant Protection										
Integrated Pest Management	03	54	0	54	06	0	06	60	0	60
Integrated Disease Management	02	24	0	24	17	0	17	41	0	41
Bio-control of pests and diseases										
Total	**05**	**78**	**0**	**78**	**23**	**0**	**23**	**101**	**0**	**101**
VIII Fisheries										
Integrated fish farming	01	18	0	18	02	0	02	20	0	20
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture	02	37	0	37	03	0	03	40	0	40
Hatchery management and culture of freshwater prawn										
Total	**03**	**55**	**0**	**55**	**05**	**0**	**05**	**60**	**0**	**60**
GRAND TOTAL	**34**	**409**	**209**	**618**	**62**	**0**	**62**	**471**	**209**	**680**

Farmers' Training including sponsored training programmes – CONSOLIDATED (On + Off campus)

Thematic area	**No. of courses**	**Participants**								
		Others			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
I Crop Production										
Weed Management	02	37	0	37	03	0	03	40	0	40
Resource Conservation Technologies										
Integrated Crop Management	05	90	0	90	10	0	10	100	0	10
Soil & water conservatioin										
Integrated nutrient management	01	18	0	18	02	0	02	20	0	20
Production of organic inputs										
Others (pl specify)										
Total	**08**	**145**	**0**	**145**	**15**	**0**	**15**	**160**	**0**	**160**
IV Livestock Production and Management										
Dairy Management	3	55	0	55	5	0	5	60	0	60
Poultry Management										
Disease Management	9	164	20	184	10	0	10	178	16	194
Feed & fodder technology	3	46	0	46	14	0	14	60	0	60
Production of quality animal products	2	36	0	36	4	0	4	40	0	40
Others (pl specify)										
Total	**17**	**301**	**20**	**321**	**33**	**0**	**33**	**338**	**16**	**354**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	01	0	20	20	0	0	0	0	20	20
Design and development of low/minimum cost diet	02	0	40	40	0	0	0	0	40	40
Storage loss minimization techniques	01	0	20	20	0	0	0	0	20	20
Value addition	04	0	80	80	0	0	0	0	80	80
Women empowerment										
Location specific drudgery reduction technologies	01	0	20	20	0	0	0	0	20	20
Rural Crafts	01	0	20	20	0	0	0	0	20	20
Women and child care	01	0	20	20	0	0	0	0	20	20
Others (pl specify)	03	0	60	60	0	0	0	0	60	60
Total	**14**	**0**	**280**	**280**	**0**	**0**	**0**	**0**	**280**	**280**
VII Plant Protection										
Integrated Pest Management	5	93	0	93	7	0	7	100	0	100
Integrated Disease Management	5	83	0	83	18	0	18	101	0	101

Bio-control of pests and diseases										
Others (pl specify)										
Total	**10**	**176**	**0**	**176**	**25**	**0**	**25**	**201**	**0**	**201**
VIII Fisheries										
Integrated fish farming	02	33	02	35	05	0	05	38	02	40
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture	03	55	0	55	05	0	05	60	0	60
Others (pl specify)										
Total	**05**	**88**	**02**	**90**	**10**	**0**	**10**	**98**	**02**	**100**
Total										
GRAND TOTAL	**54**	**710**	**302**	**1012**	**78**	**0**	**78**	**788**	**302**	**1090**

Training for Rural Youths including sponsored training programmes (On campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Production of organic inputs	01	10	0	10	0	0	0	10	0	10
Planting material production										
Post Harvest Technology	01	10	0	10	0	0	0	10	0	10
Any other (pl.specify)										
TOTAL	**02**	**20**	**0**	**20**	**0**	**0**	**0**	**20**	**0**	**20**

Training for Rural Youths including sponsored training programmes (Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL										

Training for Rural Youths including sponsored training programmes – CONSOLIDATED (On + Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Production of organic inputs	01	10	0	10	0	0	0	10	0	10
Small scale processing										
Post Harvest Technology	01	10	0	10	0	0	0	10	0	10
Tailoring and Stitching										
Rural Crafts										
Any other (pl.specify)										
TOTAL	**02**	**20**	**0**	**20**	**0**	**0**	**0**	**20**	**0**	**20**

Training programmes for Extension Personnel including sponsored training programmes (on campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	**02**	**20**	**0**	**20**	**0**	**0**	**0**	**20**	**0**	**20**
Integrated Pest Management	**02**	**21**	**0**	**21**	**0**	**0**	**0**	**21**	**0**	**21**
Production and use of organic inputs	**01**	**10**	**0**	**10**	**0**	**0**	**0**	**10**	**0**	**10**
Care and maintenance of farm machinery and implements	**01**	**44**	**0**	**44**	**06**	**0**	**06**	**50**	**0**	**50**
Capacity building for ICT application										
Management in farm animals	**02**	**40**	**0**	**40**	**0**	**0**	**0**	**40**	**0**	**40**
Any other (Medicinal and ornamental cultivation Tech.)										
TOTAL	**08**	**135**	**0**	**135**	**06**	**0**	**06**	**141**	**0**	**141**

Training programmes for Extension Personnel including sponsored training programmes (off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management	01	10	0	10	0	0	0	10	0	10
Low cost and nutrient efficient diet designing	01	0	10	10	0	0	0	0	10	10
Management in farm animals	01	38	0	38	0	0	0	38	0	38
Livestock feed and fodder production	01	20	0	20	0	0	0	20	0	20
Household food security	01	0	07	07	0	0	0	0	07	07
Any other (pl.specify)										
TOTAL	05	68	17	85	0	0	0	68	17	85

Training programmes for Extension Personnel including sponsored training programmes – CONSOLIDATED (On + Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	02	20	0	20	0	0	0	20	0	20
Integrated Pest Management	02	21	0	21	0	0	0	21	0	21
Integrated Nutrient management	01	10	0	10	0	0	0	10	0	10
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs	01	10	0	10	0	0	0	10	0	10
Care and maintenance of farm machinery and implements	01	44	0	44	06	0	06	50	0	50
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing	01	0	10	10	0	0	0	0	10	10
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals	03	78	0	78	0	0	0	78	0	78
Livestock feed and fodder production	01	20	0	20	0	0	0	20	0	20
Household food security	01	0	07	07	0	0	0	0	07	07
Any other (Medicinal and ornamental cultivation Tech.)										
TOTAL	13	203	17	220	6	0	6	209	17	226

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Farm machinery										
Farm machinery, tools and implements	01	04	0	04	21	0	21	25	0	25
Others (pl. specify)										
Total	01	04	0	04	21	0	21	25	0	25
Agricultural Extension										
Capacity Building and Group Dynamics										
Others (Farmers Technical Training)	01	41	9	50	0	0	0	41	9	50
Total	01	41	9	50	0	0	0	41	9	50
GRAND TOTAL	02	45	9	54	21	0	21	66	9	75

Name of sponsoring agencies involved

Details of vocational training programmes carried out by KVKs for rural youth

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										

Commercial floriculture										
Total										
Grand Total										

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	145	1258	20	1278
Diagnostic visits	05	60	0	60
Field Day	02	125	03	128
Group discussions	04	180	0	180
Kisan Ghosthi	08	1113	0	1113
Film Show	0	0	0	0
Self -help groups	0	0	0	0
Kisan Mela	02	750	60	810
Exhibition	01	350	20	370
Scientists' visit to farmers field	112	2045	0	2045
Plant/animal health camps	0	0	0	0
Farm Science Club	0	0	0	0
Ex-trainees Sammelan	0	0	0	0
Farmers' seminar/workshop	0	0	0	0
Method Demonstrations	0	0	0	0
Celebration of important days	05	610	0	610
Special day celebration	01	130	0	130
Exposure visits	03	160	0	160
Others (pl. specify)	01	22	0	22
Total	**289**	**6803**	**103**	**6906**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	0
Extension Literature	02
News paper coverage	71
Popular articles	03
Radio Talks	06
TV Talks	0
Animal health amps (Number of animals treated)	0
Others (pl. specify)	0
Total	**82**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only							
	Voice only	173	67			43	29	312
	Voice & Text both							
	Total Messages	173	67			43	29	312
	Total farmers Benefitted							**312**

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Gosthies			
	Lectures organised			
	Total number of farmers visited the technology week			

VI. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals						
	Wheat	WH-1105		237		UP Beej Vikas Nigam
	Paddy	HKR-127		68		FCI
Broccoli				14500 N0.		
Total				**305/14500**		

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial						
Total						

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilisers				
Total				

Table: Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows				
Buffaloes				
Calves				
Total				

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	**107**	**282**	**23**	
Water				
Plant				
Manure				
Others (pl.specify)				
Total	**107**	**282**	**23**	

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted
Rampur	dated 22 Feb, 2019

IX. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution

X. PUBLICATIONS

Category	Number
Research Paper	05
Technical bulletins	02
Technical reports	06
Others (pl. specify)	02

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

Activities conducted				
No. of Training programmes	**No. of Demonstration s**	**No. of plant materials produced**	**Visit by farmers (No.)**	**Visit by officials (No.)**

XII. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTORM/COLD WAVES ETC

Introduction of alternate crops/varieties

Crops/cultivars	Area (ha)	Extent of damage	Recovery of damage through KVK initiatives if any
Total			

Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds		
Pulses		
Total		

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No.of participants
Total		

Animal health camps organised

Number of camps	No.of animals	No.of farmers
Total		

Seed distribution in drought hit states

Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Total			

Large scale adoption of resource conservation technologies

Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Total		

Awareness campaign

	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers
Total												

XIII. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total				

B. HRD activities organized in identified areas for KVK staff by Zonal Project Directorate

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total			

XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

XIV. AGRICULTURAL TECHNOLOGY INFORMATION CENTRE

A. Details on ATICs

S. No	Name of the ATIC	Name of the Host Institute	Name of the ATIC Manager

B. Details on Farmer's visit

S. No	Purpose of visit	Number of farmer's visited
01	Technology Information	
02	Technology Products	
03	Others if any pl. specify	

C. Facilities in the ATIC which are in operation

S. No	Particulars	Availability (Please √ mark)	Number of ATICs
01	Reception counter		
02	Exhibition / technology museum		
03	Touch screen Kiosk		
04	Cafeteria		
05	Sales counter		
06	Farmer's feedback register		
07	Others if any (please specify)		

D. Technology information provided

D.1. Details on technology information

S. No	Information category	Number of ATICs	Total number of farmers benefitted	Category of information						
				Varieties / hybrids	Pest management	Disease management	Agro-techniques	Soil and water conservation	Post Harvest technology and Value addition	Animal Husbandry and fisheries
01	Kisan Call Centre /									

	other Phone calls from farmers									
02	Video shows									
03	Letters received									
04	Letters replied									
05	Training to farmers / technocrats / students									
06	Others pl. specify									

D.2 . Publications (Print & Electronic media)

S. No	Particulars	Number sold	Revenue generated in Rs.	Number of farmers benefited
01	Books			
02	Technical bulletins			
03	Technology Inventory			
04	CDs			
05	DVDs			
06	Video films			
07	Audio CDs			
08	Others if any (please specify)			

E. Technology Products provided

S. No	Particulars	Quantity	Unit of quantity	Value in Rs.	Number of farmers benefited
01	Seeds		Quintal		
02	Planting materials		Numbers		
03	Livestock		Numbers		
04	Poultry birds		Numbers		
05	Bio-products		Quintals		
06	Others pl. specify				

F. Technology services provided

S. No	Particulars	Number of farmers benefited
01	Soil and water testing	
02	Plant diagnostics	
03	Details about the services to line Departments	
04	Others if any (please specify)	

XV. TECHNOLOGICAL BACKSTOPPING BY DIRECTORATES OF EXTENSION

States covered:

Number of Directorates of Extension:

A. Details on Directors of Extension

S. No	Name of the SAU	Name of the Director of Extension	Number of KVKs for which technological backstopping is provided					
			SAU/CAU	DU	ICAR	NGO	SDA	Others (pl. specify)

B. Workshops / meetings organized

S. No.	Details of workshop/meeting conducted	No. of KVKs participated

C. Visits made by DE / Officials in the Directorate to KVKs

S. No.	Particulars	Number of visits
01	SAC meetings	
02	Field days	
03	Workshops / seminars	
04	Technology week	

D. Overseeing of KVKs activities

S. No.	Particulars	Number of fields visited	Major observations / remarks	Major suggestions given
01	On Farm Trials			
02	Front Line Demonstration			
03	Others pl. specify			

E. Publication on Technology inventory

S. No.	Particulars	Number
01	Directorates published the technological inventory	
02	Directorates constantly updating the technological inventory	

F. Technological Products provided to KVKs

S. No.	Major technologies provided	Number of KVKs
01	Seeds	
02	Planting materials	
03	Bio-products	
04	Poultry breed	
05	Poultry products	
06	Others pl. specify	

----------XXXXXXX----------

Progress Report of "Promotion of Agricultural Machination for In-Situ Management of Crop residue''

Rice –Wheat is a major cropping systems in district and about 138590 ha. area of rice and 146951 ha. wheat crops. The 80 % harvesting through combine machines for both crops. Farmers 100 % use wheat straw for cattle but totally rice straw burn so the major problem decline the soil fertility and causes many environmental problems . So wheat sowing without burning the rice straw is possible by happy seeder , mulcher , spreader and other implements so for demonstration and awareness these programme conducted in Rampur district.

Demonstration conducted (ha)			Nos. of farmers participated in demonstration		
Total Target (Nos)	Achievement (Nos)	Expenditure incurred (Rs)	Total Target (Nos)	Achievement (Nos)	Expenditure incurred (Rs)
50	36	2500	600	12	2500

Training courses conducted (Nos.) At KVK on date 23-10-2018 to 27-10-2018			
Total Target (Nos)	Achievement (Nos)	No. of particiaptns	Expenditure incurred (Rs)
2	1	25	123550

Awareness programme (Famer Scientist interface) Village- Gangapurkalan, dated 27-09-2018			
Total Target (Nos)	Achievement (Nos)	No. of particiaptns	Expenditure incurred (Rs)
8	1	200	30000

Hordings fixed (at Mandi/Roadside/Market/Schools/Petrol pump/Panchayat etc.)			Wall Writings			Poster/Banner placed		
Total Target (Nos)	Achievement (Nos)	Expenditure incurred (Rs)	Number of wall writings	No. of villages covered	Expenditure incurred (Rs)	Total Target (Nos)	Achievement (Nos)	Expenditure incurred (Rs)
20	2	4660	40	2	6000	150	5	1710

Publicity material - leaflets/pamphlets etc. distributed			Mobilization of schools and colleges through essay competition on date 29-09-2018 at GIC Dhamora		
Total Target (Nos)	Achievement (Nos)	Expenditure incurred (Rs)	No. of programmes	No. of students particiapted	Expenditure incurred (Rs)
20000	0	0	1	200	25000

Column / Articles in newspaper and magzines etc.			Advertisement in Print Media			Jingles on radio/TV, Scroll message on TV and Audio-Visual clips		
Total Target (Nos)	Achievement (Nos)	Expenditure incurred (Rs)	Total Target (Nos)	Achievement (Nos)	Expenditure incurred (Rs)	Total Target (Nos)	Achievement (Nos)	Expenditure incurred (Rs)
4	4	0	6	0	0	2	1	54530

CRM Activities photo

अपनी ही उपजाऊ धरती के दुश्मन बने किसान

रामपुर (ब्यूरो)। किसान अपनी ही उपजाऊ जमीन के दुश्मन बन गए हैं। अगली फसल के लिए खेत खाली करने के चक्कर में धान की फसल की नरवाई (डंठल) खेतों में ही जला रहे हैं। ऐसे में जीवांश पदार्थ नष्ट हो रहे हैं। खेत की उर्वरा शक्ति घट रही है। यहीं, आग से मित्र कीट नष्ट और वातावरण भी प्रदूषित हो रहा है।

किसान अब धान की फसल को कटाई हाथों से नहीं कंबाइन से करा रहे हैं। बाद में नरवाई (डंठल) को खेत में ही आग लगा दी जाती है। किसानों का ऐसा करने से जमीन ही नहीं वातावरण को भी नुकसान पहुंच रहा है। जिले में भी खरीफ कालीन धान की बुवाई का बेहतरफल बढ़ता जा रहा है। बीते साल करीब 20 हेक्टेयर क्षेत्रफल में खरीफ

- खेत में ही जलाई जा रही खेत की जहरबाई की होली
- घट रहे पोषक तत्व कीटेट हो रही जमीन प्रदूषित हो रहा वातावरण

खड़ा धांस में गेहूं की कटाई के बाद नरवाई में लगाई गई आग।

खेत में डंठल जलाने के नुकसान

- भूमि में रहने वाले सूक्ष्म कीट जलकर नष्ट हो जाते हैं।
- भूमि की परत कठोर हो जाती है।
- पैदावार समाप्त और जैविद खाद का निर्माण बंद हो जाता है।
- अंत में नष्ट हो रहे मित्र कीट

कालीन धान बोया गया था। कृषि विज्ञान केंद्र के वैज्ञानिक डा. अमरजीत सिंह राठी के मुताबिक खेत में ही नरवाई (डंठल) जलाने से गंभीर नतीजे सामने आ सकते हैं। जीवांश पदार्थ नष्ट होने के साथ वातावरण प्रदूषित हो जाता है। धान की फसल के डंठल नहीं जलाने चाहिए। बल्कि नरवाई को एकत्र करकर गड्ढे में डाल दें। कुछ समय बाद उसकी खाद बन जाएगी। उनके मुताबिक नुकसान को देखते हुए सरकार ने डंठल में आग लगाने पर पाबंदी लगा दी है।

किसानों को गोष्ठियों और मेलों में खेतों में धान की नरवाई न जलाने की सलाह दी जा रही है। इसके बाद भी किसान खेत में ही नरवाई जलाकर जमीन की नुकसान पहुंचा रहे हैं। ऐसे खेती जीवांश पदार्थ और मित्र कीट जल जाते हैं तो शत्रु की कीट को नष्ट करते हैं।

- वीरेंद्र कुमार, उप कृषि निदेशक

पेंटिंग से बताया फसलों के अवशेष न जलाएं

जागरण संवाददाता, बिलासपुर : फसलों के अवशेषों को न जलाने को लेकर श्री गुरुनानक इंटर कालेज में पेंटिंग प्रतियोगिता का आयोजन किया गया। छात्र-छात्राओं ने बढ़-चढ़कर हिस्सा लिया।

सोमवार को श्री गुरुनानक इंटर कालेज में कृषि विभाग के तत्वाधान में फसलों के अवशेष डंठल, ढूंठ, खोबड़े को जलाने से होने वाले नुकसान से संबंधित सलाह को लेकर पेंटिंग प्रतियोगिता कराई गई। क्षेत्र के 35 विद्यालयों के करीब 250 छात्र-छात्राओं ने प्रतियोगिता में हिस्सा लिया। इस दौरान कृषि विज्ञान केंद्र धमौरा के वैज्ञानिक डाक्टर अमरजीत सिंह राठी ने कहा कि प्रमोशन आफ एग्रीकल्चरल कैनेनाइजेशन फार इन सीटू मैनेजमेंट आफ क्राप रेजिड्यू योजना के अंतर्गत फसल अवशेष न जलाने के लाभ प्रतियोगिता कराई गई। इससे पहले उपजिलाधिकारी दुगर शंकर गुप्ता ने कालेज पहुंचकर निरीक्षण कर शिक्षकों से आवश्यक जानकारी प्राप्त की। इस दौरान एसडीएम ने बताया कि प्रतियोगिता में प्रथम, द्वितीय एवं तृतीय स्थान प्राप्त करने वाले प्रतिभागियों को नकद पुरस्कार भेंटकर सम्मानित किया जाएगा। इस अवसर पर प्रधानाचार्य हरीश चंद्र शमर, जगत पाल सिंह, देवेंद्र सिंह आदि मौजूद रहे।