

**ACTION PLAN
OF
KVK JALANDHAR
(Nurmahal)**

(April 2026 - March 2027)



**DIRECTORATE OF EXTENSION EDUCATION
PUNJAB AGRICULTURAL UNIVERSITY
LUDHIANA-141004**

INDEX

1.	TRAININGS FOR FARMERS AND FARM WOMEN	
Sr. No	Discipline	Pages
A.	Agricultural Engineering	3
B.	Animal Science	3-4
C.	Crop Production	5
D.	Horticulture	5-6
E.	Home Science	6-7
F.	Plant protection	7-8
G.	Soil Science	8-9
2.	VOCATIONAL TRAININGS	
A.	Agricultural Engineering	9
B.	Animal Science	9-10
C.	Bee Keeping	10
D.	Crop Production	10
E.	Horticulture	10-11
F.	Home Science	11
G.	Mushroom production	11
H.	Soil Science	11-12
3.	IN-SERVICE TRAININGS	
A.	Agricultural Engineering	12
B.	Animal Science	12
C.	Crop Production	12
D.	Horticulture	13
E.	Home Science	13
F.	Plant Protection	13-14
G.	Soil Science	14

KVK, JALANDHAR ACTION PLAN (2026 -27)

1. TRAINING FOR FARMERS AND FARM WOMEN

A. AGRICULTURAL ENGINEERING: 10

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
April, 2026					
1.	Safe use and handling of spraying equipment and farm machinery	20	Farmers	15-20	KVK, Jalandhar/ Off Campus
May, 2026					
2.	Cultivation of rice/basmati through DSR technique	18	Farmers	15-20	KVK, Jalandhar/ Off Campus
3	Tips for custom hiring of agricultural machinery as subsidiary occupation	24	Farmers	15-20	KVK, Jalandhar/ On Campus
June 2026					
4.	Water conservation techniques including, drip irrigation, rain water harvesting	8	Farmers	15-20	KVK, Jalandhar/ On Campus
August, 2026					
5.	Preventive/Post accident guidelines in agricultural machinery operations	17	Farmers	15-20	KVK, Jalandhar/ On Campus
September, 2026					
6.	Efficient utilization of non-conventional (solar energy, biogas) energy gadgets	14	Farmers	15-20	KVK, Jalandhar/ On Campus
7.	Happy seeder/Surface seeder technology for crop residue management	21	Farmers	15-20	KVK, Jalandhar/ Off Campus
8.	Efficient use of crop residue management machinery	28	Farmers	15-20	KVK, Jalandhar/ Off Campus
October,2026					
9.	Machinery for cultivation of Horticultural crops	09	Farmers	15-20	KVK, Jalandhar/ Off Campus
November, 2026					
10.	Tips for jaggery/shakkar making and income enhancement	10	Farmers	15-20	KVK,Jalandhar/ On Campus

B. ANIMAL SCIENCE: 14

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	

April, 2026					
1	Formulation of balanced cattle feed	24	Farmer	15-20	KVK,Jalandhar /On Campus
May, 2026					
2	Summer management and feeding of dairy animals	19	Farmer	15-20	KVK,Jalandhar/Off Campus
June, 2026					
3	Awareness and use of mineral mixture in dairy ration	23	Farmer	15-20	KVK,Jalandhar/On Campus
July, 2026					
4	Vaccination and deworming in various livestock	08	Farmer	15-20	KVK,Jalandhar/On Campus
5	Prevention and control of endo and ecto parasites in dairy animals	20	Farmer	15-20	KVK,Jalandhar/On Campus
August, 2026					
6	Feed formulation for different categories of pigs	11	Farmer	15-20	KVK,Jalandhar/Off Campus
September, 2026					
7	Recommended practices for clean milk production	29	Farmer	15-20	KVK,Jalandhar/Off Campus
October, 2026					
8	Silage making for dairy animals during lean period	06	Farmer	15-20	KVK,Jalandhar/Off Campus
November, 2026					
9	Care and management of newly born calves and pet animals	11	Farmer	15-20	KVK,Jalandhar/Off Campus
December, 2026					
10	Feeding and management for poultry birds	08	Farmer	15-20	KVK,Jalandhar/On Campus
January, 2027					
11	Vaccination and deworming in various livestock	12	Farmer	15-20	KVK,Jalandhar/Off Campus
12	Management of repeat breeding dairy animals	28	Farmer	15-20	KVK,Jalandhar/Off Campus
February, 2027					
13	Broiler farming and their marketing	23	Farmer	15-20	KVK,Jalandhar/On Campus
March, 2027					
14	Shed design for livestock farming	16	Farmer	15-20	KVK,Jalandhar/On Campus

C. CROP PRODUCTION:09

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
April, 2026					
1	Direct seeding of paddy/basmati-a resource conservation approach	07	Farmers	10-15	KVK, Jalandhar/ Off Campus
May, 2026					
2	Improved cultivation techniques of <i>Kharif</i> crops	11	Farmers	10-15	KVK, Jalandhar/ Off Campus
August, 2026					
3	Integrated Farming System	11	Farmers	10-15	KVK, Jalandhar/ Off Campus
September, 2026					
4	Improved cultivation practices of <i>Rabi</i> crops	08	Farmers	10-15	KVK,Jalandhar/ Off Campus
October, 2026					
5	Round the year green fodder production	09	Farmers	10-15	KVK,Jalandhar/ Off Campus
6	Integrated weed management in <i>Rabi</i> crops	14	Farmers	10-15	KVK,Jalandhar/ Off Campus
February, 2027					
7	Cultivation of summer pulses for crop diversification	09	Farmers	10-15	KVK,Jalandhar/ Off Campus
8	Seed Production of barseem	16	Farmers	10-15	KVK,Jalandhar/ Off Campus
March, 2027					
9	Organic farming	13	Farmers	10-15	KVK,Jalandhar/ Off Campus

D. HORTICULTURE: 13

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
April,2026					
1	Micro irrigation, fertigation and weed management practices in orchard	16	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
May , 2026					
2	Post-harvest management/ handling of summer vegetable	22	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
June, 2026					
3	Cultivation of flowers	12	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
August, 2026					
4	Protected cultivation and nursery	07	(Farmers/	15-20	KVK, Jalandhar

	raising technique of vegetable crops		Farm women)		/On Campus
5	Cultivation practices of garlic	27	(Farmers/ Farm women)	15-20	KVK, Jalandhar /off campus
September, 2026					
6	Establishment of nutrition garden in urban and peri-urban area	02	(Farmers/ Farm women/youth/old)	15-20	KVK, Jalandhar /Off Campus
7	Production technologies of root and leafy vegetable crops	10	(Farmers/ Farm women/youth/old)	15-20	KVK, Jalandhar /Off Campus
October, 2026					
8	Soilless model for vegetable kitchen garden	08	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
November 2026					
9	Low tunnel technology of vegetables production	06	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
December,2026					
10	Techniques of training and pruning of deciduous fruit plants	11	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
January,2027					
11	Post-harvest management/handling of fruit crops	22	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
February,2027					
12	Production technology of summer vegetables	11	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
13	Organic farming of vegetable crops	18	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus

E. HOME SCIENCE: 10

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
April, 2026					
1	Group Dynamics, SHG Formation, Documentation and Registration Procedures	17	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
May, 2026					
2	Nutrition, Lifestyle Diseases and Social Determinants of Health	15	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus

June, 2026					
3	Awareness and Access to Government Schemes and Subsidies for Rural Entrepreneurs	05	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
July,2026					
	Capacity Building of Rural Women/youth on Micro-Enterprises, Financial Literacy	10	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
August, 2026					
4	Use of Solar Cookers and Solar Dryers for Resource Conservation and Income Generation	12	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
September, 2026					
5	Stress Management, Mental Wellbeing and Healthy Lifestyle Practices	11	(Farmers/ Farm women/youth/old)	15-20	KVK, Jalandhar /Off Campus
October, 2026					
6	E-Marketing, Digital Platforms and Pricing, Costing & Profit Calculation for Small Enterprises	09	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
November 2026					
7	Preventing Lifestyle Diseases at Community Level - Food, Fitness & Family Health	04	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
December,2026					
8	Food Safety, Hygiene and FSSAI Guidelines for Rural Entrepreneurs	04	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus
February,2027					
10	Establishment and Management of Nutrition Gardens for Nutritional and Economic Security	10	(Farmers/ Farm women)	15-20	KVK, Jalandhar /On Campus

F. PLANT PROTECTION: 13

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
April, 2026					
1	Identification and management of insect pests and diseases of vegetables and	15	Farmers	15-20	KVK, Jalandhar /Off

	fruits				Campus
2	Identification and management of nematode in fruits and vegetables	27	Farmers	15-20	KVK, Jalandhar /Off Campus
May, 2026					
3	Seed treatment in <i>Kharif</i> crops	25	Farmers	15-20	KVK, Jalandhar /Off Campus
June, 2026					
4	Integrated management of insect pest and diseases in fruits and vegetables	13	Farmers	15-20	KVK, Jalandhar /On Campus
July, 2026					
5	Integrated management of insect pest and diseases of <i>Kharif</i> crops	10	Farmers	15-20	KVK, Jalandhar /Off Campus
6	Bio-agents and non-chemical methods for disease and pests control in field crops	17	Farmers	15-20	KVK, Jalandhar /Off Campus
August, 2026					
7	Safe and judicious use of pesticides	10	Farmers	15-20	KVK, Jalandhar /Off Campus
8	Pesticide residue free basmati cultivation	24	Farmers	15-20	KVK, Jalandhar /Off Campus
September, 2026					
9	Management of insect pest and diseases of Rice/Basmati	11	Farmers	15-20	KVK, Jalandhar /Off Campus
October, 2026					
10	Seed plot technique for disease free potato seed	09	Farmers	15-20	KVK, Jalandhar /Off Campus
11	Seed treatment a preventive measure for seed borne diseases	23	Farmers	15-20	KVK, Jalandhar /On Campus
December, 2026					
12	Integrated pest management in <i>Rabi</i> crops	15	Farmers	15-20	KVK, Jalandhar /Off Campus
January, 2027					
13	Management of rusts and karnal bunt in wheat	07	Farmers	15-20	KVK, Jalandhar /Off Campus

G. SOIL SCIENCE: 8

S.	Name of Training Course	Date	Participant	Organizing
----	-------------------------	------	-------------	------------

No.			Nature	No.	Agency/Venue
May, 2026					
1	Methods of collecting soil and water samples and interpretation of results	05	Farmers	15-20	KVK, Jalandhar/ Off Campus
2	Judicious use of water in <i>Kharif</i> crops	11	Farmers	15-20	KVK, Jalandhar/ Off Campus
3	Integrated nutrient management in <i>Kharif</i> crops	28	Farmers	15-20	KVK, Jalandhar/ Off Campus
June, 2026					
4	Diagnosis and management of nutrient deficiencies in <i>Kharif</i> crops	23	Farmers	15-20	KVK, Jalandhar/ Off Campus
July, 2026					
5	Rice residue management technologies for improving soil health	06	Farmers	15-20	KVK, Jalandhar/ Off Campus
October, 2026					
6	Diagnosis and Management of nutrient deficiencies in <i>Rabi</i> crops	13	Farmers	15-20	KVK, Jalandhar/ Off Campus
February, 2027					
7	Biofertilizers and Organic Manures	09	Farmers	15-20	KVK, Jalandhar/ Off Campus
March, 2027					
8	Role of green manuring to enhance soil health	14	Farmers	15-20	KVK, Jalandhar/ Off Campus

VOCATIONAL/ SKILL DEVELOPMENT TRAINING COURSES

A. AGRICULTURAL ENGINEERING: 2

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
October, 2026					
1	Entrepreneur formation based on small scale farming.	05-09	Farmer/ CHC/Secretaries	20-25	KVK, Jalandhar /On Campus
November, 2026					
2	Establishment of agro processing unit and income enhancement from agricultural commodities	02-06	Farmer/ CHC/Secretaries	20-25	KVK, Jalandhar /On Campus

B. ANIMAL SCIENCE: 5

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	

May, 2026					
1	Pig Farming	11-15	Farmer/ CHC/Secretaries	20-25	KVK,Jalandhar/ On Campus
July, 2026					
2	Goat Farming	13-17	Farmer/ CHC/Secretaries	20-25	KVK,Jalandhar/ On Campus
August, 2026					
3	Poultry Farming	10-14	Farmer/ CHC/Secretaries	20-25	KVK,Jalandhar/ On Campus
November, 2026					
4	Dairy Farming	02-06	Farmer/ CHC/Secretaries	20-25	KVK,Jalandhar / On Campus
February, 2027					
5	Fish-Livestock Integrated Farming System	15-19	Farmer/ CHC/Secretaries	20-25	KVK,Jalandhar / On Campus

C. BEE KEEPING: 2

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
October, 2026					
1	Beekeeping training- a lucrative subsidiary occupation	12-16	Farmer/CHC/Secretaries	20-25	KVK, Jalandhar /On Campus
February, 2027					
2	Beekeeping training- honey processing and marketing	08-12	Farmer/CHC/Secretaries	20-25	KVK, Jalandhar /On Campus

D. CROP PRODUCTION: 2

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
December, 2026					
1	Vermicomposting is gaining prominence as a commercial subsidiary occupation	07-11	Farmer/CHC/Secretaries	20	KVK, Jalandhar /On Campus
February, 2027					
2	Seed Production and storage as an Enterprize	22-26	Farmer/CHC/Secretaries	20	KVK, Jalandhar /On Campus

E. HORTICULTURE: 1

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
August, 2026					
1	Protected cultivation and	17-21	Farmer/	20-	KVK, Jalandhar

	Nursery production of vegetables		CHC/Secretaries	25	/On Campus
--	----------------------------------	--	-----------------	----	------------

F. HOME SCIENCE: 6

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
April, 2026					
1	Skill Development in Textile Decoration Techniques (Fabric Painting, Tie-and-Dye and Embellishment)	20-24	Farmers/ Farm women	15-20	KVK, Jalandhar /Off Campus
May, 2026					
2	Skill Development in Solar Drying, Solar Cooking and Bakery Product Preparation	18-22	Farmers/ Farm women	15-20	KVK, Jalandhar /Off Campus
June, 2026					
3	Skill Development in Cloth Embellishment through Stitching and Embroidery Techniques	08-12	Farmers/ Farm women	15-20	KVK, Jalandhar /Off Campus
July, 2026					
4.	Preservation and Processing of Summer Fruits and Vegetables	13-17	Farmers/ Farm women	15-20	KVK, Jalandhar /Off Campus
October, 2026					
5.	Skill Development in Candle Making, Flower Making and Decorative Pot Painting	12-16	Farmers/ Farm women	15-20	KVK, Jalandhar /Off Campus
December, 2026					
6.	Entrepreneurial Skill Development in Food Preservation and Processing	07-11	Farmers/ Farm women	15-20	KVK, Jalandhar /Off Campus

G. MUSHROOM CULTIVATION:2

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
September, 2026					
1	Mushroom cultivation	14-18	Farmer/ CHC/Secretaries	20-25	KVK, Jalandhar /On Campus
March 2027					
2	Mushroom cultivation	01-03	Farmer/ CHC/Secretaries	20-25	KVK, Jalandhar /On Campus

H. SOIL SCIENCE: 1

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	

September, 2026					
1	Organic Farming	07-11	Farmer/ CHC/Secretaries	20	KVK, Jalandhar /On Campus

IN-SERVICE TRAININGS

A. AGRICULTURAL ENGINEERING: 2

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
April, 2026					
1	Machinery for cultivation of <i>Kharif</i> and <i>Rabi</i> crops	20	Staff of Coop. Societies	15-20	KVK, Jalandhar /On Campus
September, 2026					
2	Efficient use of crop residue machinery	28	Staff of Coop. Societies	15-20	KVK, Jalandhar /On Campus

B. ANIMAL SCIENCE: 2

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
September, 2026					
1	Recommended practices for clean milk production	30	Animal Husbandry worker	15-20	KVK, Jalandhar /On Campus
January, 2027					
2	Formulation of balanced feed for dairy animals	05	Animal Husbandry worker	15-20	KVK, Jalandhar /On Campus

C. CROP PRODUCTION:2

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
May, 2026					
1	Improved cultivation techniques of <i>Kharif</i> crops	20	Staff of Coop. Societies	15-20	KVK, Jalandhar/ On Campus
October, 2026					
2	Improved cultivation techniques of <i>Rabi</i> crops	01	Staff of Coop. Societies	15-20	KVK, Jalandhar/ On Campus

D. HORTICULTURE: 1

S. No.	Name of Training Course	Date	Participant		Organizing Agency/ Venue
			Nature	No.	
January, 2027					
1	Improved cultivation practices Horticultural crops	22	Field staff of Deptt. of Hort. / Coop. Societies	15-20	KVK, Jalandhar /On Campus

E. HOME SCIENCE:3

S. No.	Name of Training Course	Date	Participant		Organizing Agency/ Venue
			Nature	No.	
August , 2026					
1	Capacity Building of ASHA and Anganwadi Workers on Nutrition, Lifestyle Disorders and Child Health	19	AWW workers/asha workers/hepers/supervisors	15-20	KVK, Jalandhar /On Campus
September,2026					
2.	Training on Early Childhood Nutrition, Lifestyle Practices and Family Health Management	10	AWW workers/asha workers/hepers/supervisors	15-20	KVK, Jalandhar /On Campus
3.	Capacity Building of Frontline Functionaries on Nutrition, Lifestyle Diseases and Child Development	24	AWW workers/asha workers/hepers/supervisors	15-20	KVK, Jalandhar /On Campus

F. PLANT PROTECTION:2

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	
August, 2026					
2	Insect-pest and disease management in <i>Kharif</i> crops	04	ADO/ HDO/ Secretaries Coop. Soc.	15-20	KVK Jalandhar/ On Campus
October, 2026					
3	Insect-pest and disease management in <i>Rabi</i> crops	19	ADO/ HDO/ Secretaries Coop. Soc.	15-20	KVK Jalandhar/ On Campus

G. SOIL SCIENCE:1

S. No.	Name of Training Course	Date	Participant		Organizing Agency/Venue
			Nature	No.	

November,2026					
1	Nutrient deficiency and their management in <i>kharif</i> crops	10	ADO/ HDO/ Secretaries Coop. Soc.	15-20	KVK Jalandhar/ On Campus

SUMMARY OF TRAININGS DURATION WISE

Sr. No.	DISCIPLINE	Short Duration Trainings (No.)	Vocational Trainings (No.)	In-service Trainings (No.)	Total (No.)
A.	Agricultural Engineering	10	2	2	14
B.	Animal Science	14	5	2	21
C.	Bee Keeping	0	2	0	2
D.	Biogas	0	0	0	0
E.	Crop Production	9	2	2	13
F.	Extension Education	0	0	0	0
G.	Fish Farming	0	0	0	0
H.	Home Science	10	6	3	19
I.	Horticulture	13	1	1	15
J.	Hybrid seed production	0	0	0	0
K.	Mushroom production	0	2	0	2
L.	Plant protection	13	0	2	15
M.	Soil Science	8	1	1	10
Total		77	21	13	

