

Professor & Head: Dr. K. K. Kanzaria, Ph. D.

Contacts : 0285-2672080 to 90 Ext. No. 303

: E-mail: pathology@jau.in**Faculty Strength (Current Position)**

Sr. No.	Name	Designation	Higher Qualification	Experience
1	Dr. K. K. Kanzaria	Professor and Head (I/C)	Ph. D. (Plant Pathology)	30 Years
2	Dr. S. V. Undhad	Associate Professor	Ph. D. (Plant Pathology)	12 Years
3	Dr. J. R. Talaviya	Assistant Professor	Ph. D. (Plant Pathology)	10 Years
4	Dr. S. V. Lathiya	Assistant Research Scientist	Ph. D. (Plant Pathology)	8 Years
5	Mr. M. D. Sangani	Assistant Professor	M. Sc. (Agri.) (Plant Pathology)	6 Years
6	Dr. A. J. Barad	Assistant Research Scientist	Ph. D. (Plant Pathology)	6 Month

Technical Staff (Current Position)

Sr. No.	Name	Designation	Qualification	Experience
1	Mr. S. B. Patel	Agril. Officer	Diploma in Agri.	31 Years
2	Mrs. S. N. Gevariya	Agril. Officer	M. Sc. (Biochemistry)	10 Years
3	Mr. V. R. Mangroliya	Agril. Assistant	B. Sc. (Agri.)	07 Years
4	Mr. N. B. Meghnathi	Junior Clerk	10 th Pass	05 Years
5	Mr. R. R. Karamta	Jeep Driver	-	17 Years

Courses Offered at UG /PG and Others (Even and Odd semester)**(A) Post Graduate Courses**

Teacher	Odd /Even	Course No.	Title of the course	Credit
Dr. D. S. Kelaiya	Even	Pl. Path. 602	Advances in virology	2 + 1
Dr. K. K. Kanzaria	Even	Pl. Path. 516	Disease of fruits, plantation and ornamental crops	2 + 1
Dr. S. V. Undhad	Even	Pl. Path. 517	Disease of vegetable and spices crops	2 + 1
Dr. J. R. Talaviya	Even	Pl. Path. 505	Principles of Plant Pathology	2 + 1
Dr. C. M. Bhaliya	Even	Pl. Path. 604	Molecular basis of host pathogen interaction	0 + 2
Dr. I. B. Kapadiya	Even	Pl. Path. 502	Plant Virology	2 + 1
Dr. S. V. Lathiya	Even	Pl. Path. 506	Techniques in detection and diagnosis of plant disease	0 + 2
Dr. A. J. Barad	Odd	Pl. Path. 501	Mycology	2 + 1

Dr. V. A. Savaliya	Odd	Pl. Path.503	Plant Pathogenic prokaryotes	2 + 1
Dr. K. K. Kanzaria	Odd	Pl. Path. 504	Plant nematology	2 + 1
Dr. S. V. Undhad	Odd	Pl. Path. 515	Disease of field and medicinal crops	0 + 2
Dr. S. V. Lathiya	Odd	Pl. Path. 601	Advanced mycology	0 + 2
Dr. I. B. Kapadiya	Odd	Pl. Path.603	Advanced Plant Pathogenic prokaryotes	2 + 1
Dr. J. R. Talaviya	Odd	Pl. Path.604	Molecular Basis of Host Pathogen Interaction	2 + 1

(B) Under Graduate Programme, B. Sc. (Hons.) Agri.

Teacher	Odd / Even	Course No.	Title of the course	Credit
Dr. J. R. Talaviya and Dr. A. J. Barad	Even	Pl. Path 2.1	Introductory Plant Nematology	1+1
Dr. K. K. Kanzaria and Dr. S. V. Lathiya	Even	SEC I	Biofertilizer and biopesticide production	0+2
Dr. A. J. Barad	Even	Pl.Path.4.3	Principles of Integrated Disease Management	1+1
Dr. S. V. Undhad and Mr. M. D. Sangani	Even	Pl. Path. 6.5	Diseases of Field Horticultural crops and their management-II	2+1
Prof. S. V. Lathiya Dr. J. R. Talaviya and Dr. D. S. Kelaiya	Even	ELP	Production Technology for Bio-Fertilizer & Bio-Agent.	0+20
Dr. J. R. Talaviya and Dr. S. V. Lathiya	ODD	SEC IV	Mushroom production technology	0+2
Dr. A. J. Barad	ODD	Nema. 3.1	Fundamentals of Nematology	1+1
Dr. S. V. Undhad and Mr. M. D. Sangani	ODD	Pl. Path. 5.4	Disease of field and horticultural crops and their management I	2+1

Laboratory Facility

Sr. No.	Name of Lab.	Seating Capacity	Purpose	UG or PG
East Wing				
1	Conference room	50	Teaching	UG and PG
2	Lab.1	15	Teaching & PG Research work	PG
3	Lab.2	15	Teaching & PG Research	PG

West Wing				
4	Lab.1	45	Teaching & Practical work	UG
5	Lab.2	45	Teaching & Practical work	UG
6	Lab.3	45	Teaching & Practical work	UG
7	Lab Part-1	10	Department Research work	Departmental Research Lab
8	Lab Part-2			

List of Major Equipment / Instruments

Sr. No.	Name of Lab	Name of Instrument	No	Amount (RS in Lakh)
1	East wing Lab-1	Laminar Air Flow (Horizontal)	1	0.61
2		Hot Air Oven: 40 l	1	0.65
3		Hot Air Oven: 18" x 18" x 24"	1	0.27
4		Autoclave Vertical : 135 Litre	1	4.5
5		Autoclave Vertical : 30 x 50 cm height	1	0.52
6	East wing Lab-2	Refrigerator-687 Litre	1	0.91
7		Refrigerator-230 Litre	1	0.14
8		BOD Incubator : 400 litre	1	2.55
9		Leica Trinocular Microscope (Leica DM)	1	8.09
10		Binocular Stereo Zoom Microscope cat Scope	1	2.25
11		Portable Generator	1	1.91
12	West wing Lab-1	B.O.D Incubator 400L (Equitron)	1	2.55
13		LED Television (Sony Bravia)	1	1.24
14		Fermenter 200 L (Bio-Age)	1	19.95
15		Fermenter 50 L (Bio-Age)	1	15.74
16		Bulk Centrifuge (Hitachi)	1	6.00
17		Tubular Centrifuge (Sharplex)	1	7.67
18		Pouch Packing Machine (Packmake)	1	4.83
19		Auger Filler Screw Conveyor (Packmaker)	1	2.99
20		Portable Generator	1	1.73
21		West wing Lab-2	Soxhlet Extraction System (Gerhardt)	1
22	Transilluminator (JSGW)		1	0.40
23	Slide Scanner (Catalyst Biotech)		1	2.59
24	Water Bath (Equitron)		1	0.24
25	Double Distillery Unit (TKA)		1	2.00
26	Magnetic Stirrer With Hot Plate (MAC)		1	0.08
27	Chilled Water Circulator 25 L (Equitron)		1	1.32

28		Cintex Quick Freezer (Electroquip)	1	0.45
29		Hot Air Oven 200 L (Thermolab)	1	1.15
30		Refrigerator Centrifuge (REMI)	1	1.51
31		Water Purification System	1	2.00
32		Gel Electrophoresis Unit (Genei)	1	1.70
33		Stereo Binocular Microscope (Magnus)	1	0.55
34		Trinocular Microscope (Leica)	1	8.99
35		pH Meter (Horiba)	1	1.05
36		Conductivity Meter (Horiba)	1	0.84
37		Digital Colony Counter (Lapiz)	1	0.11
38		RT- PCR (Thermofisher)	1	12.50
39		Spectrophotometer Nanodrop (Thermoscientific)	1	8.46
40		Digital Flame Photometer (Relitech)	1	0.45
41		Gel Documentation System (Biotop)	1	7.46
42		Table Top Refrigerator Centrifuge (Hitachi)	1	4.25
43		B.O.D. Incubator 200 L (Thermolab)	1	1.65
44		Deep Freezer (Remi)	1	0.97
45		Refrigerator 596 L (Sharp)	1	0.55

Farm Facilities

Department Farm	Area (hectare)	No. of Experiments continue	
		Departmental	Students
A-1	0.15 ha	01	01
A-2	0.2 ha	02	01
A-3	0.4 ha	03	01
A-4	0.12 ha	00	01

Exhibition Hall / Museum / ELP Facilities

Sr. No.	Name of Museum/ Exhibition / ELP Hall	Size (Sq. m.)	Purpose
1	Museum	83.539	To exhibit of diseases samples to farmers, students and other visitors
2	ELP Unit	189.651	Experimental learning purpose
	Isolation room	12.844	Experimental learning purpose
	Incubation room	72.648	Experimental learning purpose
	Processing & packing room	83.539	Experimental learning purpose
	Mushroom room	20.620	Experimental learning purpose

M. Sc./Ph. D. Students Guided

Name of Guide	No. of students being supervised (guided) by faculty	
	M. Sc. (Agri.)	Ph. D.
Dr. D. S. Kelaiya	11	04
Dr. K. K. Kanzaria	11	02
Dr. I. B. Kapadiya	08	01
Dr. J. R. Talaviya	06	01
Dr. U. M. Vyas	04	-
Dr. S. V. Undhad	02	-
Dr. C. M. Bhaliya	01	-

Department of Plant Pathology
M.Sc. Thesis Submitted (2020-2025)

Sr. No.	Thesis Title	Student Name	Advisor	Year
YEAR:-2020-21				
1	Charcoal rot of soyabean (<i>Glycine max</i> L.) caused by <i>Macrophomina phaseolina</i> (Tassi) Goid. & its management	Tallavalasa Suryateja	Dr. D. S. Kelaiya	Dec.2020
2	Biorotational management of Chickpea Collar rot (<i>Sclerotium rolfsii</i> Sacc.)	Jagadeesha k.	Dr. I. B. Kapadiya	Jan.2021
3	Cumin blight (<i>Alternaria burnsii</i> Uppal, Patel & Kamat) and its management.	Makwana Kajalben G.	Dr. J. R. Talaviya	Jan.2021
4	Biorotational management of Garlic white rot (<i>Sclerotium rolfsii</i> Sacc.)	Gamit Yamini b.	Dr. I. B. Kapadiya	Feb.2021
YEAR:-2021-22				
1	Purple blotch [<i>Alternaria porri</i> (Ellis) cif] of onion and its management	Chavda Yash G.	Dr. D. L. Kadvani	Jun.2021
2	Influence of different substrates on yield and nutritional composition of oyster mushroom [<i>Pleurotus ostreatus</i> (Jacq.) P. Kumm]	Kotadiya Urvashi S.	Dr. J. R. Talaviya	July.2021
3	Biorationale management of stem rot (<i>Sclerotium rolfsii</i> Sacc.) of Chilli (<i>Capsicum annum</i> L.)	Marakana Himani Maheshbhai	Dr. L. F. Akbari	Sept.2021
4	Biorational management of Stem Rot (<i>Sclerotium rolfsii</i> Sacc.) of Tomato (<i>Solanum lycopersicum</i> L.)	Akbari Urvisha Subhashbhai	Dr. I. B. Kapadiya	Sept.2021
5	Studies on the stem rot disease of Lablab bean (<i>lablab purpureus</i> L.) Caused by <i>Sclerotium rolfsii</i> Sacc.	Vaghasiya Nikunj Vrujalalbhai	Dr. D. S. Kelaiya	Sept.2021
6	Pearlmillet rust (<i>Puccinia substriata</i> Ell. & Barth. Var indica Ramachar & Cumm.) And Its management	Aditya Vala	Dr. D. L. Kadvani	Sept.2021
7	Foliar diseases of Cotton and their Management with special reference to <i>Alternaria</i> leaf spot (<i>Alternaria macrospora</i> Zimmermann)	Harsoda Akshay P.	Dr. K. K. Kanzaria	Sept.2021
8	Studies on the antracnose disease of Cowpea [<i>Vigna unguiculata</i> (L.) Walp] caused by <i>Colletotichum lindemuthianum</i> (Sacc. and Magn.)	Chaudhari Mitalkumar A.	Dr. D. S. Kelaiya	Sept.2021
9	Root rot [<i>Rhizoctonia bataticola</i> (Taubenhaus) Butler] of Chickpea and its management	Mori Hardik Ashvinbhai	Dr. K. K. Kanzaria	May.2022

YEAR:-2022-23				
1	Management of Okra root rot [<i>Macrophomina phaseolina</i> (Tassi) Goid.]	Kapadiya Hemangi Jagdishbhai	Dr. J. R. Talaviya	Aug.2022
2	Root Rot [<i>Macrophomina phaseolina</i> (Tassi) Goidanich] of Black Gram and its management.	Zankat Rimpalben Manubhai	Dr. K. K. Kanzaria	Aug.2022
3	Powdery mildew (<i>Erysiphe polygoni</i> DC) of Black gram and its management	Anusree K. P.	Dr. K. K. Kanzaria	Aug.2022
4	Variability present among the isolates of <i>Macrophomina phaseolina</i> (Tassi) Goid. causing root rot of castor and its management.	Lavanya N.	Dr. D. S. Kelaiya	Sept.2022
5	Collar rot (<i>Aspergillus niger</i> van tieghem) of Groundnut and its management.	Piprotar Jignesh G.	Dr. K. K. Kanzaria	Sept.2022
6	Cowpea stem rot [<i>Sclerotium rolfsii</i> Sacc.] and its management.	Bavaliya Meenaben M.	Dr. I. B. Kapadiya	Sept.2022
7	Green gram dry root rot [<i>Macrophomina phaseolina</i> (Tassi) Goid.] and its management.	Mathukiya Hariyali V.	Dr. I. B. Kapadiya	Sept.2022
8	Variability present among the isolates of castor wilt and its management	Rathva Sandip A.	Dr. D. S. Kelaiya	Sept.2022
9	Alternaria leaf spot [<i>Alternaria alternata</i> (Fr.) Keissler] of brinjal and its management.	Sudani Dax P.	Dr. K. K. Kanzaria	Jun-2023
10	Characterization of Plant growth promoting rhizobacteria (PGPR) against soil borne fungal pathogens infecting chilli.	Ghadia Romit H.	Dr. J. R. Talaviya	Jun-2023
YEAR:-2023-24				
1	Variability present among the isolates of <i>Pseudomonas spp.</i> in Saurashtra region of Gujarat	Savita Patil	Dr. U. M. Vyas	Aug.-2023
2	Coriander leaf blight [<i>Alternaria alternate</i> (Fr.) Keissler] and its management.	Chovatiya Darshan V.	Dr. S. V. Undhad	July-2024
3	Wilt [<i>Fusarium pallidoroseum</i> (Cooke) Sacc.] of coriander and its management.	Pithiya Divya G.	Dr. K. K. Kanzaria	July-2024
YEAR:-2024-25				
1	Gummy stem blight [<i>Didymella bryoniae</i> (Auersw.) rehm] of Bottle gourd [<i>Lagenaria siceraria</i> (mol.) Stand] and its management	Baleja Udaykumar P.	Dr. U. M. Vyas	Aug-2024
2	Integrated management of <i>Macrophomina phaseolina</i> (Tassi) Goid. Causing root rot of Fenugreek	Valani Rushita K.	Dr. D. S. Kelaiya	Aug-2024
3	Management of powdery mildew (<i>Erysiphe polygoni</i> DC) of coriander	Parishi Saxena	Dr. I. B. Kapadiya	Sept-2024

	through chemicals and cow based products.			
4	Variability present among the isolates of <i>Trichoderma</i> spp. in Saurashtra region of Gujarat	Parmar Darshna B.	Dr. U. M. Vyas	Sept-2024
5	Early blight [<i>Alternaria alternata</i> (Fr.) Keissl.] of Tomato and its management	Bavaliya Paresh M.	Dr. J. R. Talaviya	Sept-2024
6	Bio Rational Management of Castor Wilt Caused by <i>Fusarium oxysporum</i> f. sp. <i>ricini</i>	Bindushree S. T.	Dr. U. M. Vyas	Jun-2025
7	<i>Alternaria</i> leaf blight [<i>Alternaria alternata</i> (Fr.) Keissler] of isabgol and its management	Gajera Arati Vithalbhai	Dr. K. K. Kanzaria	Jul-2025
8	Investigation on anthracnose (<i>Colletotrichum gloeosporioides</i>) of dragon fruit	Gamit Bhumiben Ukajibhai	Dr. D. S. Kelaiya	Aug-2025
9	Collar rot of chickpea caused by <i>Sclerotium rolfsii</i> Sacc. and it's management	Chovatiya Palak Chandubhai	Dr. S. V. Undhad	Aug-2025
10	Investigation on foliar blight of wheat caused by <i>Bipolaris sorokiniana</i> and it's management	Aanchal Panwar	Dr. I. B. Kapadiya	Aug-2025
11	Pathological exploration of stem end rot disease in mango (<i>Mangifera indica</i> L.) fruits caused by <i>Lasiodiplodia theobromae</i> (Pat.) Griffon & Maubl. and its management	Dabhi Manisha Himmatbhai	Dr. C. M. Bhaliya	Aug-2025
12	<i>Alternaria</i> leaf blight [<i>Alternaria alternata</i> (Fr.) Keissler] of fennel and its management	Solanki Shrutiben Gokalbhai	Dr. K. K. Kanzaria	Aug-2025

Department of Plant Pathology

Ph. D. Thesis Submitted (2020-2025)

Sr. No.	Thesis Title	Student Name	Advisor	Year
YEAR:-2020-21				
1	Pomegranate leaf and Fruit spot (<i>Colletotrichum gloeosporioides</i> (Penz) Penz. And Sacc. and <i>Alternaria alternata</i> (Fr.) and their management	Golkiya Bhargav B.	Dr. L. F. Akbari	Sept.-2020
2	Bio-Rotational management of Root Rot (<i>Macrophomina phaseolina</i> (Tassi) Goid) of Sesame. (<i>Sesamum indicum</i> L.)	U. M. Vyas	Dr. L. F. Akbari	Oct.-2020
2021-22				
1	Antracnose [<i>Colletotrichum lindemuthianum</i> (Sac. And Magnus) Briosi and Cavara] of Blackgram and its management	Sohaliya Nikunj Nanubhai	Dr. L. F. Akbari	Sept.2021
2	Antracnose [<i>Colletotrichum lindemuthianum</i> (Sacc. and Magn.) Briosi and Cavara] of Greengram and its management.	Nandeesh C. V.	Dr. L. F. Akbari	Jan.2022
3	Powdery mildew (<i>Erysiphe cichoracerum</i> DC.) of sesame and its management	S. V. Undhad	Dr. L. F. Akbari	Feb.2022
4	Characterization of <i>Colletotrichum gloeosporioides</i> (Penz.) Penz. and Sacc. Causing Twister disease of Onion And its management.	Alpeshkumar Barad	Dr. L. F. Akbari	April.2022
5	Characterization of <i>Fusarium oxysporum</i> f. sp. <i>ricini</i> Nanda and Prasad causing Wilt of castor & its management.	A. H. Jadav	Dr. L. F. Akbari	July.2022
2022-23				
1	Leaf blight (<i>Alternaria macrospora</i> Zimm.) of Cotton and its management	Chaudhari Rameshkumar J.	Dr. D. S. Kelaiya	Oct.2022
2	Pathological aspects of wilt and Root rot complex in Chickpea (<i>Cicer arietinum</i> L.) and their management.	Bhaliya Chiragkumar M.	Dr. H. J. Kapadia	Feb.2023
3	Variability present among the isolates of <i>Sclerotium rolfsii</i> Sacc. Causing stem & pod rot of Groundnut in Saurashtra region of Gujarat & its management.	Babariya Vishruta D.	Dr. D. S. Kelaiya	July-2023
2023-24				
1	Characterization of <i>Macrophomina phaseolina</i> (Tassi) Goid causing root rot of groundnut & its management	Savaliya Vishal A.	Dr. J. R. Talaviya	July-2024
2024-25				
1	Characterization of cotton target spot disease <i>Corynespora cassicola</i> (Berk. & M. A. Curtis) C. T. Wei and its management	Davara Dharmesh Karshan	Dr. I. B. Kapadiya	Sept-2024

2	Molecular characterization and management of cumin wilt (<i>Fusarium oxysporum</i> f. sp. <i>cumini</i> Patel, Prashad, Mathur & Mathur)	Lathiya Sandipkumar Valjibhai	Dr. K. K. Kanzaria	Sept-2024
3	Molecular characterization and variability of <i>Alternaria burnsii</i> (Uppal, Patel & Kamat) causing blight of cumin and its management	Shekhada Hirenkumar Arvindbhai	Dr. D. S. Kelaiya	Jul-2025
4	Characterization of <i>Colletotrichum gloeosporioides</i> (Penz.) Penz. and Sacc. Causing Anthracnose disease in Mango And their management.	Ahir Vinu Ranabhai	Dr. K. K. Kanzaria	OCT-2025
5	Characterization and management of stem canker [<i>Macrophomina phaseolina</i> (Tassi) Goid] in pigeonpea	Chudasama Mitesh Khimjibhai	Dr. D. S. Kelaiya	OCT-2025

Department of Plant Pathology

Faculty Participated in Trainings/Refresher Course/Summer/Winter School etc.

Sr. No.	Name of faculty	Period		Nature of training	Place
		From	To		
Year: 2020					
1	Dr. J. R. Talaviya	01/06/2020	05/06/2020	Pesticide Application Techniques and Safety Measures	NIPHM, Hyderabad
2	Prof. C. M. Bhaliya	01/06/2020	05/06/2020	Pesticide Application Techniques and Safety Measures	NIPHM, Hyderabad
3	Prof. S. V. Lathiya	29/06/2020	03/07/2020	Pest Risk Analysis	NIPHM, Hyderabad
4	Prof. C. M. Bhaliya	29/06/2020	03/07/2020	Pest Risk Analysis	NIPHM, Hyderabad
5	Prof. J. C. Dhingani	29/06/2020	03/07/2020	Pest Risk Analysis	NIPHM, Hyderabad
6	Dr. K. K. Kanzaria	29/06/2020	03/07/2020	Pest Risk Analysis	NIPHM, Hyderabad
7	Dr. J. R. Talaviya	29/06/2020	03/07/2020	Pest Risk Analysis	NIPHM, Hyderabad
8	Prof. S. V. Lathiya	29/07/2020	31/07/2020	Vertebrate Pest Management – Wild Boar, Monkey and Birds	NIPHM, Hyderabad
9	Prof. C. M. Bhaliya	29/07/2020	31/07/2020	Vertebrate Pest Management – Wild Boar, Monkey and Birds	NIPHM, Hyderabad
10	Dr. K. K. Kanzaria	29/07/2020	31/07/2020	Vertebrate Pest Management – Wild Boar, Monkey and Birds	NIPHM, Hyderabad
11	Dr. J. R. Talaviya	29/07/2020	31/07/2020	Vertebrate Pest Management – Wild Boar, Monkey and Birds	NIPHM, Hyderabad
12	Prof. S.V. Lathiya	24/08/2020	28/08/2020	Online training on 'Plant Quarantine Procedures for Imports and Exports'	NIPHM, Hyderabad
13	Prof. J.C.Dhingani	24/08/2020	28/08/2020	Online training on 'Plant Quarantine Procedures for Imports and Exports'	NIPHM, Hyderabad
14	Dr. J. R. Talaviya	24/08/2020	28/08/2020	Online training on 'Plant Quarantine Procedures for Imports and Exports'	NIPHM, Hyderabad
15	Dr. K. K. Kanzaria	24/08/2020	28/08/2020	Online training on 'Plant Quarantine Procedures for Imports and Exports'	NIPHM, Hyderabad
16	Prof. C. M. Bhaliya	24/08/2020	28/08/2020	Online training on 'Plant Quarantine Procedures for Imports and Exports'	NIPHM, Hyderabad
Year : 2022					
1	Dr. K. K. Kanzaria	22/08/2022	26/08/2022	Five days training programme on "Pesticide Application Techniques and Safety Measures"	NIPHM, Hyderabad.
2	Dr. K. K. Kanzaria	26/09/2022	30/09/2022	Five days training programme on "Plant Health Management in Protected Cultivation"	NIPHM, Hyderabad.

3	Dr. K. K. Kanzaria	09/11/2022	29/11/2022	21 Days Faculty Development Programme on "Role of Science and Technology in Sustainable Agriculture, Horticulture, Animal Husbandry and Allied Sectors: A Retrospective and Prospective Approach"	Indian Grassland and Fodder Research Institute Himachal Pasturel and Palampur, H. P.
4	Dr. C. M. Bhaliya	08/06/2022	10/06/2022	Three days training programme on success story writing skill for print and electronic media	EEl- Anand and JAU- Junagadh
5	Dr. J. R. Talaviya	11/10/2022	20/10/2022	CAFT training	IARI, New Delhi
Year : 2023					
1	Dr. J. R. Talaviya	14/09/2023	04/10/2023	Fostering Foundations: A Journey into Data Analytics through R and Python	AAU, Anand
Year : 2024					
1	Dr. C. M. Bhaliya	18/07/2024	20/07/2024	Digital Transformation in Agriculture: Strategies for Technology Transfer Excellence	EEl-Anand & JAU- Junagadh
2	Dr. K. K. Kanzaria	18/07/2024	20/07/2024	Digital Transformation in Agriculture: Strategies for Technology Transfer Excellence	EEl-Anand & JAU- Junagadh
Year : 2025					
1	Dr. S. V. Lathiya	05/08/2025	05/08/2025	Training cum launching workshop on JAU Online System for Agricultural Research Data Analysis (JOSARDA)	JAU-Junagadh
2	Prof. M. D. Sangani	05/08/2025	05/08/2025	Training cum launching workshop on JAU Online System for Agricultural Research Data Analysis (JOSARDA)	JAU-Junagadh
3	Dr. V. A. Savaliya	05/08/2025	05/08/2025	Training cum launching workshop on JAU Online System for Agricultural Research Data Analysis (JOSARDA)	JAU-Junagadh

Department of Plant Pathology
Seminar / Symposia / Workshop Attended by Faculty

Sr. No.	Name of Faculty	Period		Title	Place
		From	To		
Year: 2020-21 (*All seminar attended by Online Mode at JAU, Junagadh)					
1.	Prof. S. V. Lathiya	29/05/2020	29/05/2020	Scope and Scenario of Agriculture after Covid-19	MPUAT, Udaipur
2.	Prof. S. V. Lathiya	06/06/2020	06/06/2020	COVID-19 & Food and nutrition security of India	NAU, Navsari
3.	Prof. C. M. Bhaliya	12/06/2020	12/06/2020	Use of E-Resources in Agricultural Libraries	UAS, Dharwad
4.	Prof. S. V. Lathiya	20/08/2020	20/08/2020	Kharif pakoma pak sanrakshan na pravartman prashno ane nirakaran	AAU, Anand
5.	Prof. J. C. Dhingani	20/08/2020	20/08/2020	Kharif pakoma pak sanrakshan na pravartman prashno ane nirakaran	AAU, Anand
6.	Dr. J. R. Talaviya	20/08/2020	20/08/2020	Kharif pakoma pak sanrakshan na pravartman prashno ane nirakaran	AAU, Anand
7.	Prof. S. V. Lathiya	27/08/2020	27/08/2020	Mushroom Production: An Emerging Avenue for Rural Youth and Self-Employment	BAU, Bhagalpur
8.	Prof. C. M. Bhaliya	27/08/2020	27/08/2020	Mushroom Production: An Emerging Avenue for Rural Youth and Self-Employment	BAU, Bhagalpur
9.	Prof. C. M. Bhaliya	16/09/2020	16/09/2020	Kapas Maa Pak Sharakshan	PPAG Anand
10.	Dr. K. K. Kanzaria	16/09/2020	16/09/2020	Kapas Maa Pak Sharakshan	PPAG Anand
11.	Prof. S. V. Lathiya	06/10/2020	06/10/2020	Shiyalu shakbhajina pakoma pak sanrakshan	AAU, Anand
12.	Prof. J. C. Dhingani	06/10/2020	06/10/2020	Shiyalu shakbhajina pakoma pak sanrakshan	AAU, Anand
13.	Dr. J. R. Talaviya	06/10/2020	06/10/2020	Shiyalu shakbhajina pakoma pak sanrakshan	AAU, Anand
14.	Prof. S. V. Lathiya	27/10/2020	27/10/2020	Sajeev khetima pak sanrakshan	AAU, Anand
15.	Prof. J. C. Dhingani	27/10/2020	27/10/2020	Sajeev khetima pak sanrakshan	AAU, Anand
16.	Prof. C. M. Bhaliya	27/10/2020	27/10/2020	Sajeev khetima pak sanrakshan	AAU, Anand
17.	Dr. J. R. Talaviya	27/10/2020	27/10/2020	Sajeev khetima pak sanrakshan	AAU, Anand
18.	Dr. K. K. Kanzaria	27/10/2020	27/10/2020	Sajeev khetima pak sanrakshan	AAU, Anand

Year : 2022-23					
1	Dr. C. M. Bhaliya	05/04/2022	05/04/2022	Crop protection in natural farming	AAU Anand
2	Dr. K. K. Kanzaria	02/02/2023	02/02/2023	Khetima Atmanirbharta mate prakrutik kheti	Gujarat Vidyapith, Ahmedabad
3	Dr. C. M. Bhaliya	02/02/2023	02/02/2023	Khetima Atmanirbharta mate prakrutik kheti	Gujarat Vidyapith, Ahmedabad
4	Prof. S. V. Lathiya	05/02/2023	05/02/2023	Gyanvista-2023: Recent Advancements in Science.	Junagadh
5	Dr. J. R. Talaviya	16/02/2023	17/02/2023	Waste utilization and management for energy generation	Junagadh
6	Dr. C. M. Bhaliya	16/02/2023	17/02/2023	Waste utilization and management for energy generation	Junagadh
7	Prof. S. V. Lathiya	16/02/2023	17/02/2023	Waste utilization and management for energy generation	Junagadh
8	Dr. D. S. Kelaiya	24/02/2023	24/02/2023	Integrated management of soil borne disease and pest	JAU Junagadh
9	Dr. C. M. Bhaliya	24/02/2023	24/02/2023	Integrated management of soil borne disease and pest	JAU Junagadh
10	Dr. J. R. Talaviya	24/02/2023	24/02/2023	Integrated management of soil borne disease and pest	JAU Junagadh
11	Dr. K. K. Kanzaria	24/02/2023	24/02/2023	Integrated management of soil borne disease and pest	JAU Junagadh
12	Prof. S. V. Lathiya	24/02/2023	24/02/2023	Integrated management of soil borne disease and pest	JAU Junagadh
13	Dr. D. S. Kelaiya	06/06/2023	06/06/2023	Advanced Farming System of Coconut: Problems And Solution	JAU Junagadh
14	Dr. C. M. Bhaliya	06/06/2023	06/06/2023	Advanced Farming System of Coconut: Problems And Solution	JAU Junagadh
15	Dr. J. R. Talaviya	06/06/2023	06/06/2023	Advanced Farming System of Coconut: Problems And Solution	JAU Junagadh
16	Dr. K. K. Kanzaria	06/06/2023	06/06/2023	Advanced Farming System of Coconut: Problems And Solution	JAU Junagadh
17	Prof. S. V. Lathiya	06/06/2023	06/06/2023	Advanced Farming System of Coconut: Problems And Solution	JAU Junagadh

Year : 2023-24					
1	Dr. D. S. Kelaiya	07/02/2024	10/02/2024	3rd Asian Congress on Plant Pathology: Plant and soil health management for a better tomorrow	ISMPP & SDAU, S. K. Nagar
2	Dr. C. M. Bhaliya	07/02/2024	10/02/2024	3rd Asian Congress on Plant Pathology: Plant and soil health management for a better tomorrow	ISMPP & SDAU, S. K. Nagar
3	Dr. J. R. Talaviya	07/02/2024	10/02/2024	3rd Asian Congress on Plant Pathology: Plant and soil health management for a better tomorrow	ISMPP & SDAU, S. K. Nagar
4	Dr. D. S. Kelaiya	25/06/2024	25/06/2024	Disease management in spices, medicinal and agricultural crops	PPAG-Anand & SDAU, S. K. Nagar
5	Dr. C. M. Bhaliya	25/06/2024	25/06/2024	Disease management in spices, medicinal and agricultural crops	PPAG-Anand & SDAU, S. K. Nagar
6	Dr. J. R. Talaviya	25/06/2024	25/06/2024	Disease management in spices, medicinal and agricultural crops	PPAG-Anand & SDAU, S. K. Nagar
7	Dr. K. K. Kanzaria	25/06/2024	25/06/2024	Disease management in spices, medicinal and agricultural crops	PPAG-Anand & SDAU, S. K. Nagar
Year : 2024-25					
1	Dr. K. K. Kanzaria	03/09/2025	03/09/2025	Honey bee cultivation and Mushroom Production : Problem and Solution	PPAG-Anand & NAU, Navsari
2	Dr. J. R. Talaviya	03/09/2025	03/09/2025	Honey bee cultivation and Mushroom Production : Problem and Solution	PPAG-Anand & NAU, Navsari

Seminar/workshop/symposia organized during 2019-20 to 2024-25

Sr. No.	Title	Date	Place	Organized By
Year: 2020-21				
1	Biofertilizer Production Technology (Online Webinar)	28/10/2020	JAU, Junagadh	Department of Plant Pathology, COA, JAU, Junagadh
2	Trichoderma Production Technology (Online Webinar)	06/03/2021	JAU, Junagadh	Department of Plant Pathology, COA, JAU, Junagadh

Training organized by the Department

Sr. No.	Title	Period		Place	Nature of training	No. of Participants
		From	To			
1.	Mushroom Production Technology: A Step towards Entrepreneurship Development	07/03/2022	11/03/2022	JAU, Junagadh	Five days training under NAHEP-IDP.	50
2.	Combating the Diseases of Field and Horticultural Crops: Past and Future Strategies	29/08/2022	03/09/2022	JAU, Junagadh	Five days training under NAHEP-IDP.	50
3.	Endophytes: A Potential Bioagent for Plant Health and Nutrition	02/03/2023	04/03/2023	JAU, Junagadh	Three days training under NAHEP-IDP.	50
4.	Biofertilizer: A Key Tools for Sustainable Agriculture	26/06/2023	30/06/2023	JAU, Junagadh	A Five days training organized under IDP	100

Scientific paper published (National Level) during 2020 to 2025:

Sr. No.	Details of Publication	NAAS rating
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1	Parmar, H.V.; Kapadiya, H.J and Bhaliya, C.M. (2020). Identification of resistance sources against root rot, <i>Macrophomina phaseolina</i> in castor genotypes. <i>Indian Journal of Plant Protection</i> . 48 (1-2):85-87.	5.07
2	Vyas, U.M.; Akbari, L. F.; Fartyal Tanuja; Kukadiya Chandani and Karkar Shefali. (2020). Compatibility study of fungal and bacterial biocontrol agents with agro chemicals. <i>Journal of Pharmacognosy and Phytochemistry</i> 9 (5): 2132-2135.	5.21
3	U.S. Kotadiya, J.R. Talaviya, K.D. Shah, S.V. Lathiya, V.A. Savaliya (2022). Antifungal activities of phytoextracts against major pathogens infecting oyster mushroom [<i>Pleurotus ostreatus</i> (Jacq.) P. Kumm]. <i>Mushroom Research</i> . 31 (2) : 205-207	5.23
4	U. S. Kotadiya, J. R. Talaviya, K. D. Shah, S. V. Lathiya and V. A. Savaliya (2024). Cultivation of oyster mushroom [<i>Pleurotus ostreatus</i> (Jacq.) P. Kumm] through substrate enriched with tea waste: Oyster mushroom cultivation on tea waste. <i>Mushroom Research</i> 33 (2), 199-205	5.33

Department of Plant Pathology

Scientific paper published (Inter National Level) during 2020 to 2025

Sr. No.	Details of Publication	NAAS Rating
Year: 2020		
1	Savaliya V. A.; Akbari, L. F.; Talaviya, J. R. and Lathiya, S. V., (2020). Effect of different fungicides on growth and sclerotial formation of <i>Macrophomina phaseolina</i> (tassi) goid causing root rot of sesame. <i>International Research Journal of Chemistry</i> . 32:14-18.	4.37
2	Talaviya, J. R.; Lathiya, S. V.; Dhingani, J. C.; Gevariya S. N. and Savaliya V. A. (2020). Evaluation of fungicides against <i>Lasiodiplodia theobromae</i> causing dieback of mango. <i>International Research Journal of Chemistry</i> . 32:14-18.	4.37
3	Ghaghara, A. G.; Rajani, V. V.; Bhaliya, C. M.; Rupapara, M. D. and Jotangiya, K. S. (2020). Efficacy of biocontrol agents against <i>Fusarium oxysporum</i> f. sp. <i>Corianderi</i> causing wilt of coriander under <i>in vitro</i> condition. <i>International Journal of Chemical Studies</i> . 8(1): 2953-2955.	5.31
4	Golakiya, B. B.; Akbari, L. F. and Markana, N. M. (2020). In vitro evaluation of different fungicides against pomegranate anthracnose caused by <i>Colletotrichum gloeosporioides</i> . <i>International Journal of Chemical Studies</i> , 8(4):3669-3674.	5.31
Year : 2022		
1	Anusree, K. P. and Kanzaria, K. K. (2022). Evaluation of fungicides against spore germination inhibition of <i>Erysiphe polygoni</i> DC <i>in vitro</i> . <i>The Pharma Innovation Journal</i> . 11(8): 1835-1840.	5.23
2	Anusree, K. P. and Kanzaria, K. K. (2022). Field evaluation of fungicides for the management of powdery mildew disease (<i>Erysiphe polygoni</i> DC) of black gram and assessment of yield loss under Saurashtra condition. <i>The Pharma Innovation Journal</i> . 11(9): 311-315.	5.23
3	Piprotar, J. G.; Kanzaria, K. K.; Zankat, R. M. and Kelaiya, D. S. (2022). Evaluation of fungicides against <i>Aspergillus niger</i> van Tieghem causing collar rot of groundnut under laboratory and field condition. <i>The Pharma Innovation Journal</i> . 11(9): 2285-2291.	5.23
4	Harsoda, A. P. and Kanzaria, K. K. (2022). Evaluation of different fungicides against <i>Alternaria macrospora</i> (Zimm.) causing <i>Alternaria</i> leaf spot in cotton under <i>in vitro</i> condition. <i>The Pharma Innovation Journal</i> . 11(11): 710-714.	5.23
5	Lavanya N. and Kelaiya D.S. (2022). Evaluation of different bio control agents against root rot incidence of castor incited by <i>Macrophomina phaseolina</i> (Tassi) Goid, <i>The Pharma Innovation Journal</i> . 11(8): 955-959	5.23
6	Chaudhari R. J., Kelaiya D. S., Vyas U. M. and Parmar S. K. (2022). Impact of spray schedule on <i>Alternaria</i> leaf blight in cotton. <i>The Pharma Innovation Journal</i> . 11(7): 4215-4218.	5.23
7	Chaudhari R. J., Kelaiya D. S., Vyas U. M. Parmar S. K. and Patel P. R. (2022). Screening of different cotton varieties/genotypes against <i>Alternaria</i> leaf blight. <i>The Pharma Innovation Journal</i> . 11(8): 481-484.	5.23
8	Undhad, S. V., Akbari, L. F. and Bhaliya, C. M. (2022). Efficacy of different fungicides against <i>Erysiphe cichoracearum</i> DeCandolle causing powdery mildew of Sesame. <i>The Pharma Innovation Journal</i> . 11(2):238-241.	5.23

9	Jadav, A. H., Akbari, L. F., Barad, A. J. and Bhaliya, C. M. (2022). Efficacy of different fungicides for the management of castor wilt (<i>Fusarium oxysporum</i> f. sp. ricini). <i>The Pharma Innovation Journal</i> . 11(6):2322-2325.	5.23
10	Elakkiya, Shah K. D., Rathod A. R., Talaviya J. R. and Kotak J. N.(2022). Integration of seed treatment and botanicals for management of thrips, <i>Thrips tabaci</i> Lindeman infesting Cumin. <i>Frontiers in Crop Improvement</i> .10(sp.1):358-363.	4.67
11	Chaudhari S. M. Shah K. D., Pansara Z. H., Talaviya J. R. and Rathod A. R. (2022). Population dynamics of Aphid, <i>Lipaphis erisimi</i> (Kalt.) Infesting Mustard. <i>Frontiers in Crop Improvement</i> . 10(sp.1):650-653.	4.67
12	Khunt,S. R., Shah K. D., Kotak J. N., Talaviya J. R. and Pansara Z. H. (2022). Toxicity of Different Insecticides against Aphid, <i>Hyadaphis coriandri</i> Das and Coccinellid, <i>Menochilus sexmaculatus</i> (Fab.) in Fennel. <i>Frontiers in Crop Improvement</i> . 10(sp.1):654-659.	4.67
Year : 2023		
1	Nagaratna Koladar; Talaviya, J. R.; Shah, K. D. and Savaliya, V. A. (2023). Efficacy of various fungicides and bio-agents for the management of leaf spot disease of turmeric caused by <i>Colletotrichum capsici</i> in pot culture experiment. <i>Indian Journal of Plant Protection</i> . 51(1,2&3):24-27.	4.94
2	Mevada, R. R., Kapadiya, H. J., Bhaliya, C. M. and Talaviya, J. R. (2023). Effect of various antagonists on biochemical parameters of banana fruits infected with <i>Colletotrichum musae</i> Berk. & Curt. causing anthracnose. <i>Progressive Horticulture</i> , 55(2): 102-106.	4.90
3	Lathiya, S. V., Kanzaria, K. K., Talaviya, J. R., Savaliya, V. A., Chavda, J. G. and Kelaiya, D. S. (2023). Evaluation of different fungicides against <i>Fusarium oxysporum</i> f. sp. <i>cumini</i> causing cumin wilt under <i>in vitro</i> condition. <i>Frontiers in Crop Improvement</i> , 11 (Special Issue-VI): 2735-2738.	4.67
4	Harsoda, A. P., Kanzaria, K. K., Lathiya, S. V. and Talaviya, J. R. (2023). Management of Alternaria leaf spot of cotton caused by <i>Alternaria macrospora</i> (Zimm.) under south Saurashtra condition. <i>Frontiers in Crop Improvement</i> , 11 (Special Issue-VI): 2930-2933.	4.67
5	Rupapara, M. D., Kanzaria, K. K., Bhaliya, C. M. and Lathiya, S. V. (2023). Biological control of cumin wilt caused by <i>Fusarium oxysporum</i> f. sp. <i>cumini</i> (Prasad and Patel) under south Saurashtra condition. <i>Frontiers in Crop Improvement</i> , 11 (Special Issue-VI): 2934-2938.	4.67
6	Savaliya, V.A.; Talaviya, J. R.; Shah, K. D.; Lathiya, S. V.; Kanani, M. K. and Kelaiya, D. S. (2023). Host Range of <i>Macrophomina phaseolina</i> Causing Root Rot of Ground Nut (<i>Arachis hypogaea</i> L.) <i>Frontiers in Crop Improvement</i> . 11(Special Issue-VI):2739-2740.	4.67
Year : 2024		
1	Parishi Saxena, Kapadiya, I. B. and Pithiya, D. G. (2024). Evaluation of antifungal activity of cow urine based phytoextracts against <i>Erysiphe polygoni</i> DC causing powdery mildew in coriander. <i>International Journal of Advanced Biochemistry Research</i> . 8(8): 380-382.	5.29
2	Pithiya, D. G., Kanzaria, K. K., Sudani, D. P., Gajera, A. V. and Solanki, S. G. (2024). Potentiality of fungal and bacterial antagonists against <i>Fusarium pallidoroseum</i> (Cooke) Sacc. causing wilt of coriander <i>in vitro</i> . <i>International Journal of Advanced Biochemistry Research</i> , 8(8): 192-195.	5.29

3	Pithiya, D. G. and Kanzaria, K. K. (2024). Evaluation of fungicides against <i>Fusarium pallidoroeseum</i> (Cooke) Sacc. causing wilt of coriander <i>in vitro</i> . <i>Journal of Experimental Agriculture International</i> , 46 (9):662-669.	5.14
4	Pithiya, D. G. and Kanzaria, K. K. (2024). First Report of <i>Fusarium pallidoroeseum</i> (Cooke) Sacc. causing wilt disease in coriander (<i>Coriandrum sativum</i> L.). <i>Biological Forum</i> , 16(7): 29-32.	4.96
5	Chovatiya D. V., Undhad S.V. and Ghelani M.K. (2024). Evaluation of Phytoextracts and Cow-based Products Against <i>A. alternata</i> under <i>In vitro</i> and <i>In vivo</i> Condition. <i>Biological Forum</i> , 16(7): 176-182.	4.96
6	Kanani, M. K.; Shah, K. D.; Talaviya, J. R.; Gadhiya, V. C. and Savaliya, V. A. (2024). Biology of Yellow Spider Mite, <i>Polyphagotarsonemus latus</i> (Banks) on Cluster Bean. <i>Progressive Research: An International Journal</i> . 19(2):108-112.	4.32
7	Makwana, K. G.; Talaviya, J. R.; Shah, K. D.; Savaliya, V.A. and Lathiya, S. V. (2024). Identification, phylogeny, pathogenicity and management of <i>Alternaria burnsii</i> (Uppal, Patel & Kamat) causing blight of cumin. <i>Farming & Management</i> . 9 (1): 41-47	3.91
8	Makwana, K. G.; Talaviya, J. R.; Shah, K. D.; Savaliya, V.A. and Lathiya, S. V. (2024). Evaluation of non-systemic fungicides for growth inhibition of <i>Alternaria burnsii</i> causing blight in cumin. <i>Farming & Management</i> . 9(1): 37-40.	3.91
9	Makwana, K. G.; Talaviya, J. R.; Shah, K. D.; Savaliya, V.A. and Lathiya, S. V. (2024). Effectiveness of plant extracts against cumin blight (<i>Alternaria burnsii</i>). <i>Farming & Management</i> . 9(1): 33-36.	3.91
Year : 2025		
1	Divya, G. Pithiya, K. K. Kanzaria and Parish Saxena (2025). Management of coriander wilt [<i>Fusarium pallidoroeseum</i> (Cooke) Sacc.] under south Saurashtra condition. <i>Plant Archives</i> . 25 (SI), 256-260	5.59
2	P. C. Chovatiya, S. V. Undhad, M. H. Dabhi and D. M. Ghatodiya (2025). Collar rot of chickpea: <i>In vivo</i> evaluation of fungicides, bioagents and soil amendments for disease management. <i>International Journal of Agriculture and Food Science</i> . 7(8): 970-973	4.97
3	N. N. Chauhan, K. D. Shah, J. R. Talaviya, H. N. Patel and H. V. Vasava. (2025). Weather based population dynamics of <i>Scirtothrips dorsalis</i> (Thysanoptera: Thripidae) infesting acid lime. <i>International Journal of Advanced Biochemistry Research</i> . 9(7): 270-273	5.29
4	C.V. Nandeeshsha, L.F. Akbari, B.R. Harsha, Tribhuvan Singh, Aman Jaiswal, J.R. Talaviya, C.M. Bhaliya. (2025). Comparative evaluation of biochemical changes associated with green gram varieties against anthracnose disease. <i>Plant Physiology and Biochemistry</i> . 229:1-13	12.10

Department of Plant Pathology
Other Publication viz Books, Book chapter, Practical Manuals, Bulletins etc.

Popular Articles published

Popular Article	
Sr. No.	Details of Publication
Year : 2022-23	
1	Bhaliya, C. M., Kanzaria, K. K. and Kelaiya, D. S. (2021). Ghau Naa Pak Maa Sankalit Rog Niyrantran. Krushi Vigyan. December 42(10): 11-13.
2	Gohil, G. R., Ghelani, M. K., Bhaliya, C. M. and Nakum Pujja. (2022). June maas Naa Kheti Karyo. Krushi Jivan. May 54(10):27-29.
3	Sekhda A. H., Kelaiya, D. S. and Bhaliya, C. M. (2022). Dhana ane Variyali Naa Pak Maa Aavata Rogo Ane Tenu Sankalit Niyrantran. Krishi Go Vidhya. December 75(8):33-35.
4	J. R. Talaviya, S. V. Lathiya and D. S. Kelaiya (2023). Dhingari mushroom ni kheti. Sanjog news. July. pp. 06.
5	J. R. Talaviya and S. V. Lathiya. (2023). Dharuvadiyama aavta jaminjany rogoni olakh ane tenu vayasthapan. PPAG seminar. February. pp: 93-94.
6	H. A. Sekhda, D.S.Kelaiya, Bhaliya, C. M and Talaviya, J. R. Krushi Prabhat. (30 th Novemeber-2022). Dhingari (Oyster) Mushroom Na Utapadan Ni Vaignanik Kheti Padhdhati Vishe Upayogi Mahiti. Page No.13.
7	H. A. Sekhda, D.S.Kelaiya, Bhaliya, C. M and Talaviya, J. R. Krushi Prabhat. (17 th October-2022). Dhana Ane Variyali Na Pak Ma Aavta Rogo Ane Tenu Sankalit Niyrantran. Page No.15.
8	H. A. Sekhda, D.S.Kelaiya, Bhaliya, C. M and Talaviya, J. R. Krushi Prabhat. (1 st December-2022). Mushroom Na Utapadan Ni Vaignanik Kheti Ane Rog Niyrantrano. Page No.15.
9	Shekhda H. A, Kelaiya, D. S., Bhaliya, C. M. and J. R. Talaviya. Krushi Prabhat. (4 th September-2023). Variyali Na Pak Ma Aavta Rogo Ane Tenu Sankalit Niyrantran. Page No.24
10	Shekhda H. A, Kelaiya, D. S. and Bhaliya, C. M. (December-2022). Dhana Ane Variyali Na Pak Ma Aavta Rogo Ane Tenu Sankalit Niyrantran. Krushi Go Vidhya. 75(8).pp.33-34.
11	J. R. Talaviya, S. V. Lathiya and D. S. Kelaiya (2023). Dhingari Mushroom Ni Kheti Paddhati. Krushi Go Vidhya. pp: 12-15.
Year : 2023-24	
1	Pithiya, D. G., Kanzaria, K. K. and Kelaiya, D. S. (2023). Magafalina panna tapaka ane geru rogoni olakh ane tenu niyantran. Krushi prabhat, July. Pp. 19.
2	Pithiya, D. G., Kanzaria, K. K. and Kelaiya, D. S. (2023). Magafalina panna tapaka ane geru rogoni olakh ane tenu niyantran. Krushi sharang. August. Pp. 16-17.
Year : 2024-25	

1	Kanzaria, K. K., Bhaliya, C. M. and Shah, K. D. (2024). Rakshit khetima rog vyavasthapan. Krushi Govidya. September 5: 35-14.
2	Kelaiya, D. S. and Kanzaria, K. K. (2024). Magfalina mukhya rogoni olakh ane tenu sankalit niyantran. Krushi jivan, September 2: 15-19.
3	Pithiya, D. G., Kanzaria, K. K., Lathiya, S. V. and Bhaliya, C. M. (2024). Dhanana mukhya rogoni olakha ane tenu niyantran. Krushi prabhat. October. Pp. 20
4	Pithiya, D. G., Kanzaria, K. K., Lathiya, S. V. and Bhaliya, C. M. (2024). Dhanana mukhya rogoni olakha ane tenu niyantran. Krushi sharang. October Pp. 15
5	Kanzaria, K. K., Lathiya, S. V., Pithiya, D. G and Kelaiya, D. S. (2024). Limbuna rogoni olakh ane tenu sankalit niyantran. Krushi prabhat, October. Pp. 19
6	Savaliya V.A., Gadhiya V.C., Shah K.D., Talaviya J.R. (2024). Magfalima sankalit rog niyantran. Sanjog News. Pp. 06.
7	Kanani, M. K.; Shah, K. D.; Gadhiya, V. C. and Savaliya, V. A. (2024). A review: flonicamid - a novel insecticide. Agriculture and Food: E-News Letter. 6(2):207-211.
8	K. K. Kanzaria, C. M. Bhaliya, J. R. Talaviya, S. V. Lathiya and D. S. Kelaiya (2025). Jiru na rogoni olakh ane tenu sankalit niyantran. Krushi Prabhat. 13
9	Shekhda, A. H., C. M. Bhaliya, D. S. Kelaiya and J. R. Talaviya. (2025). Unalu magfalima rog niyanrtan. Krushi Vigyan

Department of Plant Pathology
Recommendations made during the year 2019-20 to 2024-25.

Year	Meeting of CJA	Recommendations for farming community
2019-20	16th	<p>Biological control of root rot of coriander.</p> <p>The farmers of South Saurashtra Agro-climatic Zone growing coriander are advised to apply talc based <i>Trichoderma harzianum</i> 1% WP (2 x 10⁷ cfu/g) @ 6.0 kg mixed in 500 kg of FYM per hectare at the time of sowing in furrows for effective and economical management of root rot.</p>
		<p>Impact of Rhizobium isolates on groundnut under field condition.</p> <p>The farmers of South Saurashtra Agro-climatic Zone growing groundnut during kharif season are advised to give seed treatment of <i>Rhizobium leguminosarum</i> isolate-1 (10⁷ cfu/ml) @ 10 ml/kg seeds along with soil application of recommended dose (RD) of P₂O₅ (25 kg/ha) & K₂O (50 kg/ha) and 75% RD of N (9.4 kg/ha) at the time of sowing for obtaining higher pod yield and net return.</p>
		<p>Impact of Azotobacter isolates on cotton under field condition.</p> <p>The farmers of South Saurashtra Agro-climatic Zone growing Bt cotton are advised to give seed treatment of <i>Azotobacter chroococcum</i> isolate-1 (10⁷ cfu/ml) @ 10 ml/kg seeds along with soil application of recommended dose (RD) of P₂O₅ (50 kg/ha) and K₂O (150 kg/ha) at the time of sowing in furrow and 75% RD of N (180 kg/ha) [in equal four splits of 45 kg first at basal and remaining at 30, 60 and 90 days after sowing] for obtaining higher seed cotton yield and net return.</p>
		<p>Impact of phosphate solubilizing microorganism on cotton under field condition.</p> <p>The farmers of South Saurashtra Agro-climatic Zone growing Bt cotton are advised to give seed treatment of <i>Bacillus subtilis</i> JAU isolate-1 (10⁷ cfu/ml) @ 10 ml/kg seeds along with soil application of recommended dose (RD) of N (240 kg/ha) [in equal four splits of 60 kg first at basal and remaining at 30, 60 and 90 days after sowing] and K₂O (150 kg/ha) and 75% RD of P₂O₅ (37.5 kg/ha) at the time of sowing for obtaining higher seed cotton yield and net return.</p>
		<p>Impact of phosphate solubilizing microorganism on groundnut under field condition.</p> <p>The farmers of South Saurashtra Agro-climatic Zone growing groundnut during kharif season are advised to give seed treatment of <i>Bacillus subtilis</i> JAU isolate-1 (10⁷ cfu/ml) @ 10 ml/kg seeds along with soil application of recommended dose (RD) of N (12.50 kg/ha) and K₂O (50.00 kg/ha) and 75% RD of P₂O₅ (18.75 kg/ha) at the time of sowing for obtaining higher pod yield and net return.</p>

		<p>Biological control of root rot (<i>Macrophomina phaseolina</i>) of groundnut.</p> <p>The farmers of South Saurashtra Agro-climatic Zone growing kharif groundnut are advise to apply talc based <i>Trichoderma harzianum</i> 1% WP (2 x 10⁷ cfu/g) @ 1.5 kg/ha + <i>Trichoderma viride</i> 1% WP (2 x 10⁷ cfu/g) @ 1.5 kg/ha OR <i>Trichoderma viride</i> 1% WP (2 x 10⁷ cfu/g) @ 1.5 kg/ha + <i>Pseudomonas fluorescens</i> 1% WP (1 x 10⁸ cfu/g) @ 1.5 kg/ha mixed in 500 kg/ha well decomposed farm yard manure in furrow at the time of sowing, for effective and economical management of root rot of groundnut.</p>
2020-21	AS PER 17th PPSC	<p>Efficacy of fluorescens producing <i>Pseudomonas</i> against collar rot (<i>Aspergillus niger</i>) of groundnut.</p> <p>Farmers of South Saurashtra Agro-climatic Zone growing kharif groundnut are advised to treat the seeds with talc based <i>Pseudomonas fluorescens</i> 1% WP (2 x 10⁶ cfu/g) @ 20 g/kg seed and soil application of <i>Pseudomonas fluorescens</i> 1% WP (2 x 10⁶ cfu/g) @ 2.5 kg in 250 kg of castor cake/ha at the time of sowing and one month after germination for effective and economical management of collar rot of groundnut.</p>
		<p>Efficacy of fluorescens producing pseudomonas against foliar diseases (leaf spots and rust) of groundnut.</p> <p>The farmers of South Saurashtra Agroclimatic Zone growing kharif groundnut are advised for foliar spray of hexaconazole 5% SC (10 ml/10 lit water) at 40 DAS + foliar spray of talcum powder based P. fluorescens 1% WP (2 x 10⁶ cfu/g) (100 g/10 lit water) at 60 and 80 DAS OR foliar spray of hexaconazole 5% SC (10 ml/10 litre water) at 40, 60 and 80 DAS for effective and economical management of leaf spots of groundnut.</p>
		<p>Chemical control of early and late leaf spot and rust diseases of groundnut.</p> <p>The farmers of South Saurashtra Agro-climatic Zone growing kharif groundnut are advised to spray pyraclostrobin 12.5% + epoxiconazole 4.7% SE 0.025% (15 ml/10 litre of water) or carbendazim 12% + mancozeb 63% WP 0.15% (20 g/10 litre of water) first at 50 days after sowing and subsequent two at 20 days interval for managing the early and late leaf spot and rust diseases.</p>
		<p>Effect of biofertilizers on the yield of oyster mushroom (<i>Pleurotus sajor caju</i>).</p> <p>The Oyster mushroom (<i>Pleurotus sajor-caju</i>) growers of South Saurashtra Agro-climatic Zone are advised to treat wheat straw substrate with Azotobacter (10⁸ cfu) and PSB (10⁸ cfu) each at 0.2 per cent using spawn rate of three per cent in three kg of substrate for higher sporophore production and biological efficiency.</p>
		<p>Effect of different substrates on nutritional and biochemical properties of oyster mushroom (<i>Pleurotus sajor caju</i>).</p>

		<p>The Oyster mushroom (<i>Pleurotus sajor-caju</i>) growers are advised to advocate wheat or chick pea substrate for higher production, better nutritional and biochemical properties.</p>
2022-23	19th	<p>Efficacy of ready-mix formulation of fungicides against foliar diseases of cumin</p> <p>The farmers of Saurashtra region growing cumin are recommended to spray metiram 55% + pyraclostrobin 5% WG @ 0.180% (30 g /10 l of water) or pyraclostrobin 13.3% + epoxiconazole 5% SE @ 0.027% (15 ml /10 l of water), first at 30 days after sowing and subsequent two sprays at an interval of 20 days for effective and economical management of blight disease.</p>
		<p>Efficacy of ready-mix formulation of fungicides against foliar diseases of cumin</p> <p>The farmers of Saurashtra region growing cumin are recommended to spray metiram 55% + pyraclostrobin 5% WG @ 0.180% (30 g /10 l of water), first at 30 days after sowing and subsequent two sprays at an interval of 20 days for effective and economical management of powdery mildew disease</p>
		<p>Chemical control of die-back of mango</p> <p>For the effective and economical management of die-back of mango, apply three spray of azoxystrobin 18.2% + difenoconazole 11.4% SC @ 0.037% (12.50 ml/10 liter of water) or azoxystrobin 18.2% + difenoconazole 11.4% SC @ 0.030% (10 ml/10 liter of water) or tebuconazole 50% + trifloxystrobin 25% WG @ 0.094% (12.50 ml/10 liter of water), first spray at just before monsoon and subsequent sprays at 30 days interval after first spray</p>
2024-25	21 st	<p>Management of post-harvest diseases of mango</p> <p>The farmers of south Saurashtra agro-climatic zone growing mango are recommended to treat harvested mango fruits with hot water (52 ± 1°C for 5 minutes) or hot water (52 ± 1°C) treated with sodium hypochlorite (NaOCl) 5% solution @ 200 ppm (2 ml in 10 liter water) for 5 minutes for effective and economical management of stem end rot and fruit rot.</p> <p>Management of twister disease complex in onion</p> <p>For effective management of twister disease complex in onion, apply chlorantraniliprole 0.4 G (10 kg/ha) + copper oxychloride 50 WP (1.25 kg/ha) in soil at the time of transplanting along with two foliar applications of</p>

		<p>tebuconazole 50 + trifloxystrobin 25 WG 0.075% (10 g/10 L water) or azoxystrobin 18.2 + difenoconazole 11.4 SC 0.03% (10 ml/10 L water), first spray at initiation of disease and second spray at 15 days after first spray.</p>
		<p>Effect of different substrate mixture on growth, yield and nutritional value of oyster mushroom (<i>Pleurotus ostreatus</i>)</p> <p>Farmers of Gujarat growing oyster mushroom [<i>Pleurotus ostreatus</i> (Jacq. ex. fr) P. Kumm] are recommended to use wheat straw + cocopeat + lime + gypsum + sucrose (70:27:1:1:1) or wheat straw + tea waste + lime + gypsum + sucrose (70:27:1:1:1) as substrate for higher production of mushroom. .</p>

Department of Plant Pathology
Recommendation for scientific community during 2019-20 to 2024-25

Year	Meeting of CJA	Information for scientific community
2022-23	19th	<p>Efficacy of ready-mix formulation of fungicides against foliar diseases of cumin</p> <p>For the effective and economical management of blight and powdery mildew diseases of cumin, spray azoxystrobin 11% + tebuconazole 18.3% SC @ 0.044 (15 ml/10 liter water), first at 30 days after sowing and subsequent two sprays at an interval of 20 days</p>
		<p>Efficacy of different fungicides against powdery mildew diseases of fenugreek</p> <p>For the effective and economical management of powdery mildew of fenugreek, apply three spray of difenoconazole 25% EC @ 0.013 (5 ml/10 l of water) or tebuconazole 50% + trifoxystrobin 25% WG @ 0.038 (5 g/10 l of water) or tebuconazole 10% + sulphur 65% WDG @ 0.150 (20 g/10 l of water), first spray at 30 days after sowing and subsequent two sprays at 20 days interval after first spray</p>
		<p>Utilization of different wastes on the yield of oyster mushroom (<i>Pleurotus sajor caju</i>)</p> <p>Sugarcane bagasse can be used as substrate with 5 per cent spawn rate for the higher sporophore production (biological efficiency) with better nutritional and biochemical properties of oyster mushroom (<i>Pleurotus sajor-caju</i>).</p>
2023-24	20 th	<p>Effect of different fungicides for the management of blight and powdery mildew in fennel</p> <p>Three sprays of azoxystrobin 11 + tebuconazole 18.30 SC 0.044% (15 ml/10 L water) or metiram 55 + pyraclostrobin 5 WP 0.18% (30 g/10 L water) or tebuconazole 50 + trifloxystrobin 25 WG 0.045% (6 g/10 L water) first spray at initiation of disease and subsequent two sprays at an interval of 20 days for the management of Alternaria blight of fennel.</p>

On-Going Research Schemes/Projects

Sr. No.	Title and BH	Funding agency	Principal Investigator	Period (year)		Sanctioned Amount (Rs. in lakh)
				From	To	
Non plan scheme						
1.	Project for expansion of plant pathological research scheme B. H.: 5044	Govt. of Gujarat	Principal	06/05/1976	Conti...	0.70
2.	Project for research in pest control and other entomological aspects B.H.: 5026	Govt. of Gujarat	Principal	06/05/1976	Conti...	1.05
Plan scheme						
1.	Research on eco-friendly biological fertilizer B.H.: 12131	ICAR	Professor & Head	22/10/1997	Conti...	0.55
2.	Establishment of microbiological cell at department of plant pathology B. H.: 12929-1	ICAR	Principal	12/10/2000	Conti...	4.20
3.	Strengthening the facilities for sericulture, apiculture and mushroom cultivation B. H.: 12564	ICAR	Principal	04/10/2004	Conti...	2.90
4.	Establishment of biofertilizer unit B. H.: 12015	ICAR	Professor & Head	07/09/2011	Conti...	15.40
Teaching Scheme						
5.	Upgrading of Agriculture College B.H.: 12126-2	ICAR	Principal	--	Conti...	1.00
6.	G-1 teaching scheme B.H.: 3126-1	Govt. of Gujarat	Principal	1972	Contd.	-
7.	Semester system scheme B.H.: 5106	Govt. of Gujarat	Principal	1972	Contd.	-

8.	Strengthening of post graduate scheme B.H.: 6110-1	Govt. of Gujarat	Principal	1972	Contd.	-
Revolving Fund for ELP						
9.	Experimental Learning Unit- Revolving Fund B.H.: 9510-J- 53	-	-	2017	Contd.	-

Projects Completed

Sr. No.	Title	PI & Co-PI	Grant (Rs. lakh)	Duration
1.	BH: 18014-18 Bayer Crop Science Ltd.	Dr. K.B. Jadeja	7.215	2014-16
2.	BH: 18014-30 BASF India Ltd.	Dr. K.B. Jadeja	7.210	2014-16
3.	B.H.: 18014-27 BASF INDIA Ltd.	Dr. K. B. Jadeja	7.242	2015-17
4.	B.H.: 18014-28 BASF INDIA Ltd.	Dr. K. B. Jadeja	7.242	2015-17
5.	B.H.: 18014-31 BASF INDIA Ltd	Prof. U. M. Vyas	7.242	2016-18
6.	B.H.: 18014-32 BASF INDIA Ltd	Prof. C. M. Bhaliya	7.242	2016-18
7.	B.H.: 18014-33 RALLIS INDIA Ltd.	Dr. L. F. Akbari	7.242	2016-18
8.	B.H.: 18014-34 Bayer Crop Science Ltd.	Dr. K. K. Kanzaria	7.242	2016-18
9.	B.H.: 18014-35 BASF INDIA Ltd.	Dr. H. J. Kapadiya	7.250	2017-19
10.	B.H.: 18014-36 Bayer Crop Science Ltd.	Dr. J. R. Talaviya	7.250	2017-19
11.	B.H.: 18014-37 PI Industries Ltd.	Prof. U. M. Vyas	7.242	2017-18
12.	B.H.: 18014-38 INDOFIL IND. Ltd.	Dr. H. J. Kapadiya	7.830	2018-20
13.	B.H.: 18014-39 INDOFIL IND. Ltd.	Prof. U. M. Vyas	7.830	2018-20
14.	B.H.: 18014-41 UPL Ltd.	Prof. S.V. Lathiya	3.996	2019-20

Credentials of the Faculty:

Sr. No.	Name of Faculty	Higher Qualification	NET Passed (Yes or No)
1.	Dr. K. K. Kanzaria	Ph. D.	No
2.	Dr. S. V. Undhad	Ph. D.	Yes
3.	Dr. J. R. Talaviya	Ph. D.	Yes
4.	Dr. S. V. Lathiya	Ph. D.	Yes
5.	Mr. M. D. Sangani	M. Sc. (Agri.)	Yes
6.	Dr. A. J. Barad	Ph. D.	Yes

Awards/Recognition Received by Faculty (During years 2019-20 to 2024-25)

Sr. No.	Name of Faculty	Name of Award	Authority	Year
1	Dr. C. M. Bhaliya	Best Article Award	AAU, Anand	2022
2	Prof. S. V. Lathiya	Best Oral Presentation	BKNMU, Junagadh	2023
3	Dr. J. R. Talaviya	National Best Teacher Award	Avishakar foundation	2022
4	Dr. C. M. Bhaliya	Second Rank in Oral Presentation	ISMPP-Udaipur & AAU, Anand	2023
5	Dr. C. M. Bhaliya	Third Rank in Oral Presentation	ISMPP-Udaipur & AAU, Anand	2023
6	Dr. C. M. Bhaliya	Best Research Work Presentation Award	ISMPP-Udaipur & SDAU, SK Nagar	2023
7	Dr. C. M. Bhaliya	First Rank in Oral Presentation	ISMPP-Udaipur & SDAU, SK Nagar	2023
8	Dr. C. M. Bhaliya	Best Ph.D. Thesis Award	PPAG	2023
9	Mr. H. A. Sekhda, Dr. D. S. Kelaiya & Dr. C. M. Bhaliya	Best Article in <i>Krishi Go Vidhya</i>	Krushi Govidhya	2023
10	Dr. J. R. Talaviya, Dr. S. V. Lathiya & Dr. D. S. Kelaiya	Best Article in <i>Krishi Go Vidhya</i>	Krushi Govidhya	2024
11	Dr. K. K. Kanzaria	Outstanding Contribution in Plant Pathology	Agri meet foundation	2024

Details of NET Exam pass during 2019-20 to 2024-25

Year: 2019-20			
1	Alpesh Barad	M. Sc. (Agri.)	Plant Pathology
Year: 2022-23			
1	Sekhada Hiren	M. Sc. (Agri.)	Plant Pathology
2	Babariya Vishruta	M. Sc. (Agri.)	Plant Pathology
3	Kotadiya Urvashi S.	M. Sc. (Agri.)	Plant Pathology
4	Bavaliya Meena	M. Sc. (Agri.)	Plant Pathology

Budget head wise sanction Grant and Utilization (2025) (Amount Rs. in Lakh)

Sr. No.	Budget Head	Name of the Scheme	Sanctioned Grant (Rs in lakh)				Expenditure (Rs in lakh)				Income (Rs in lakh)
			Pay & Allow	Recurring	Non-rec.	Total	Pay & Allow	Recurring	Non-rec.	Total	
(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)	(x)	(xi)	(xii)
Non Plan											
1	5044	Project for Expansion of Plant Pathological Research Scheme	-	58.60	NIL	58.60	-	NIL	NIL	NIL	NIL

		(Non-Plan)										
2	5026	Project for Research In Pest Control and other Entomological Aspects (Non-Plan)	-	31.42	NIL	31.42	-	NIL	NIL	NIL	NIL	
Plan												
3	12131	Research on Eco-Friendly Biological Fertilizer	NIL	2.00	NIL	2.00	NIL	NIL	NIL	NIL	NIL	
4	12929-1	Establishment o	NIL	6.70	NIL	6.70	NIL	NIL	NIL	NIL	NIL	
5	12564	Strengthening the facilities for Sericulture, Apiculture and Mushroom cultivation	NIL	--	NIL	--	NIL	NIL	NIL	NIL	NIL	
6	12015	Establishment of bio-fertilizer unit-	NIL	13.00	NIL	13.00	NIL	NIL	NIL	NIL	NIL	
7	12126-2	Upgrading of agri. college Junagadh	NIL	1.0	NIL	1.0	NIL	NIL	NIL	NIL	NIL	
	Other	Other Agency Projects										
1	18014-32		NIL	1.97	NIL		1.74	NIL	NIL	1.74	0.23	
2	18014-33		NIL	4.20	NIL		0.01	NIL	NIL	0.01	4.19	
3	18014-34		NIL	3.84	NIL		0.01	NIL	NIL	0.01	3.83	
4	18014-35		NIL	3.63	NIL		0.01	NIL	NIL	0.01	3.62	
5	18014-36		NIL	3.67	NIL		0.01	NIL	NIL	0.01	3.66	
6	18014-37		NIL	4.67	NIL		0.05	NIL	NIL	NIL	4.62	
7	18014-39		NIL	7.13	NIL		0.02	NIL	NIL	0.02	7.11	
8	18014-40		NIL	4.32	NIL		0.97	NIL	NIL	0.97	3.35	
9	18014-41		NIL	7.32	NIL		0.24	NIL	NIL	0.24	7.08	
10	18014-42		NIL	4.87	NIL		0.24	NIL	NIL	0.24	4.63	
11	18014-43		NIL	4.87	NIL		0.24	NIL	NIL	0.24	4.65	
12	18014-44		NIL	0.20	NIL		NIL	NIL	NIL	NIL	NIL	
13	18014-45		NIL	0.30	NIL		0.28	NIL	NIL	0.28	0.02	
14	18014-46		NIL	7.42	NIL		2.25	NIL	NIL	2.25	5.17	