

# Department of Agronomy Post Graduate Institute Mahatma Phule Krishi Vidyapeeth,



# Rahuri-413 722, Dist. Ahmednagar (MS)

#### **Preamble**

The Department of Agronomy is one of the most important department of the Mahatma Phule Krishi Vidyapeeth, Rahuri. This Department was initially established as a Agronomy section in 1902 at Agricultural College, Pune under the leadership of Prof. J. B. Knight (1902) followed by Prof. V. G. Gokhale (1928), Dr. H. R. Arkeri (1951), Dr. B. A. Chaugule (1954) and Dr. K. R. Sahasrabuddhe (1965). Later on full-fledged Department of Agronomy was established in 1969, with the inception of Mahatma Phule Krishi Vidyapeeth, Rahuri. Dr. V. S. Khupse was the founder Head of the Department. Funrther developement and strengthening of the department was made by Dr. B. B. Patil, Dr. N. K. Umarani Dr. S. H. Shinde and Dr. C. B. Gaikwad and Dr. M. B. Dhonde Presently, Dr. A. V. Solanke is working as the Head of the Department.

The research work done and technology developed during last 45 years by the Agronomist in the field of crop and water management have influenced the farmers, policy makers and administrators at State and National level. It was the first department to undertake the responsibility of Agricultural Extension through an innovative programmes of Agriculture Information Technology. The Department of Agronomy is engaged in Post Graduate teaching leading to M.Sc. (Agri.) and Ph.D. degree.

#### Manadate

- To offer courses of Agronomy for the undergaraduate degree programme in the faculties of Agriculture, Horticulture, Agril. Engineering and also for Post Graduates Programme leading to M.Sc.(Agri.) and Ph.D. degree in Agronomy.
- To undertake the need based research programme through post graduate students, research project and ad-hoc research project in Agronomy discipline.
- To refine the department research activities by developing suitable agro techniques for improving productivity and profitability.
- To provide suitable forum for exchange of ideas to research scientists, extension staff and NGO's through field trails, training, group discussions, seminars, workshops, conferences and symposia.
- To provide technical advice to farmers on advance technology in the field of agronomy.

- To collaborate with National, International and other research organizations for undertaking reserach programme.
- To participate in Agril. Extension activities organized by MPKV and Department of Agriculture, Horticulture and Irrigation.
- To organize Trainings/Summer/Winter school/ Seminars/ Workshops/ Conference to provide common forum.
- To disserminate the scientific knowledge of Agronomic research through scientific and extension publication.

#### Thrust area

- 1) Cropping systems
- 2) Integrated nutrient management
- 3) Weed management
- 4) Dry land technology
- 5) Conservation tillage
- 6) Water management and fertigation
- 7) Organic farming

- 8) Integrated farming system
- 9) Protected cultivation
- 10) Farm mechanization
- 11) Soil conservation and watershed management
- 12) Climate change

#### **Faculty**

#### **Academic Staff**

Name	Designation	Phone	Email
Dr. A. V. Solanke	Head of Department	09422921816	hodagron.mpkvah-mh@ gov.in anands790@gmail.com
Dr. A. D. Tumbare	Professor	09657674830	aruntumbare@gmail.com
Dr. U. S. Surve	Professor	09822606511	ussurve@yahoo.co.in
Dr. S. S. Ilhe	Associate Professor	09404073660	suryabhanilhe@gmail.com
Dr. S. H. Pathan	Associate Professor	08149835970	pathansarfraj85@gmail.co m
Dr. R. P. Andhale	Associate Professor	09422779467	rpandhale@yahoo.co.in

# **Academic Programmes**

## Annual intake capacity of M.Sc. (Agri.) and Ph.D. students

Name of commun	Intake Capacity		
Name of campus	M.Sc. (Agri.)	Ph.D.	
PGI, MPKV, Rahuri	15	06	
College of Agriculture, Pune	06	-	
College of Agriculture, Dhule	04	-	
College of Agriculture, Kolhapur	06	-	
Total	31	06	

## M.Sc. (Agri.) Course Layout Minimum Credit Requirements

Sr. No.	Subject	Minimum credit (s)
1.	Major	20
2.	Minor	09
3.	Supporting	06
4.	Seminar	01
5.	Research	20
	Total Credits	56
	Compulsory Non Credit Courses	06

Sr. No.	Course Number	Course Title	Credits				
A) Ma	A) Major subjects (Min. 20 credits)						
1.	AGRON 501	Modern Concepts in Crop Production	3+0=3				
2.	AGRON 502	Soil Fertility and Nutrient Management	2+1=3				
3.	AGRON 503	Principles and Practices of Weed Management	2+1=3				
4.	AGRON 504	Principles and Practices of Water Management	2+1=3				
5.	AGRON 505	Agrometeorology and Crop Weather Forecasting	2+1=3				
6.	AGRON 512	Dry Land Farming and Watershed Management	2+1=3				
7.	AGRON 513	Principles and Practices of Organic Farming	2+1=3				
B) Mi	nor Subjects (Mi	n. 9 credits)					
1.	Soils 501	Soil Physics	2+1=3				
2.	PP 501	Mineral Nutrition	2+1=3				
3.	Soils 509	Soil, Water and Air Pollution	2+1=3				
C) Suj	C) Supporting Subjects (Min. 6 credits)						
1.	Stat.511	Statistical Methods for Applied Science	2+1=3				

2.	Stat.512	Experimental Design		
D) Seminar (1 credit)				
		Seminar	0+1=1	
E) M	aster's Research	(20 credits)		
		Master's Research	0+20=20	
F) Noi	n Credit Compuls	sory Courses (Min. 6 credits)		
1.	PGS 501	Library and Information Services	0+1=1	
2.	PGS 504	Basic Concepts in Laboratory Techniques	0+1=1	
3.	PGS 502	Technical Writing and Communication Skills	0+1=1	
4.	PGS 503	Intellectual Property and its Management in Agriculture	1+0=1	
5.	PGS 505	Agricultural Research Ethics and Rural Development Programmes	1+0=1	

Ph.D. Course Layout Minimum Credit Requirements

Sr. No.	Subject	Minimum credit(s)
1.	Major	15
2.	Minor	08
3.	Supporting	05
4.	Seminar	02
5.	Research	45
	<b>Total Credits</b>	75
	Compulsory Non Credit Courses	06
		*If these course completed in M. Sc Degree no
		need to take this courses for Ph D degree

Sr. No.	Course Number	Course Title	Credits
D) Majo	or subjects (Mi	n.15 credits)	
1.	AGRON 601	Current Trends in Agronomy	3+0=3
2.	AGRON 602	Crop Ecology	2+0=2
3.	AGRON 604	Advances in Crop Growth And Productivity	2+1=3
4.	AGRON 605	Irrigation Management	2+1=3
5.	AGRON 606	Advances in Weed Management	2+0=2
6.	AGRON 607	Integrated Farming Systems	2+0=2
7.	AGRON 608	Soil Conservation and Watershed Management	
E) Mine	or Subjects (Mi	n.08 credits)	
1.	Soil.601	Advances in Soil Physics	2+0=2
2.	PP.605	Climate Change and Crop Growth	2+0=2
3.	PP.607	Weed Physiology and Herbicide Action	1+1=2
4.	SST.601	Hybrid Seed Production	1+1=2

F) Supp	F) Supporting Subjects (Min. 05 credits)				
1	Soils.603	Physical Chemistry of Soils	2+0=2		
2	Soils.602	Advances in Soil Fertility	2+0=2		
3	Soils.606	Land Use Planning and Watershed Management	2+0=2		
F) Sem	inar (02 credit	)			
		Seminar-I	0+1=1		
		Seminar-II	0+1=1		
G) Doc	toral Research	(45 credits)			
		Doctoral Research	0+45=45		
F) Non	Credit Compuls	sory Courses			
1.	PGS 501	Library and Information Services	0+1=1		
2.	PGS 504	Basic Concepts in Laboratory Techniques	0+1=1		
3.	PGS 502	Technical Writing and Communication Skills	0+1=1		
4.	PGS 503	Intellectual Property and its Management in Agriculture	1+0=1		
5.	PGS 505	Agricultural Research Ethics and Rural Development	1+0=1		
	1 03 303	Programmes	1+0-1		
6.	PGS 506	Disaster Management	1+0=1		

#### Laboratories

#### Important instruments/ Laboratory facilities

- 1) Line Quantum Sensor
- 2) Soil Moisture Meter
- 3) TDR (Time Domain Refletometer)
- 4) Pressure Plate Apparatus
- 5) Photosynthesis System (IRGA)
- 6) Near Infrared Thermometer
- 7) UV Spectro Photometer
- 8) Polorimeter
- 9) Steady State Porometer
- 10) Automatic Fertigation Unit
- 11) Lux meter
- 12) Leaf area meter
- 13) Chlorophyll meter
- 14) Flame photometer
- 15) Automatic N Analyser
- 16) Plant Water Console



SPAD meter

## **IRGA Machine**

**NIR Thermometer** 

# **Instructional Farms**



Automatic fertigation installed at PGI farm, MPKV, Rahuri



Polyhouse erected at PGI Farm, MPKV, Rahuri

# Research Programme

# A) Post Graduate Research - M.Sc. (Agri.) in Agronomy

Sr	Name of the student	Reg. No.	Title /Research topic	Name of Research	Year of thesis
1.	Mr. Bhosale D.S.	10/002	Effect of foliar spray of water soluble fertilizers on growth, yield and quality of wheat.		submission 2013
2.	Mr. Gavali R.R	10/005	Performance of different herbicides and their combinations on growth yield and quality of wheat.	Prof. M. M. Desai	2014
3.	Mr. Kendule S.A	10/007	Response of summer cucumber to irrigation regimes, varying fertigation levels and intervals.	Dr. A. D. Tumbare	2013
4.	Mr. Mane V.L.	10/008	Response of irrigation frequencies to different chickpea varieties.	Dr. U. S. Surve	2012
5.	Mr. Pawar V.A.	10/010	Heat stress management study through irrigation regimes coupled with different sowing dates in summer season soybean.	Prof. J. B. Shinde	2013
6.	Mr. Salunkhe S.T.	10/011	Effect of Integrated Nutrient Management on growth and yield of <i>kharif</i> Onion.	Dr. S. K. Kamble	2014
7.	Mr. Yadav J.J.	10/013	Response of summer chilli to varying irrigation and fertigation schedule.	Dr. A. D. Tumbare	2013
8.	Mr.Ramdayal Meena	10/014	Effect of light intensity manipulated through different shadenet colours and fertilizer levels on beetroot.	Dr. R. P. Andhale	2014
9.	Mr. Somendro Singh	10/015	Effect of Integrated nutrient management on growth, yield and quality of summer groundnut.	Dr. S. M. Dhadge	2012
10.	Mr. Tyade D.K	10/016	Effect of post emergence herbicide on growth and yield of chickpea.	Dr. D. D. Dudhade	2013
11.	Mr. Sathe S.U.	10/017	Effect of cutting management on seed yield of fodder oat varieties.	Dr. S. H. Pathan	2013

12.	Mr. Lende N.S	10/018	Irrigation management for chickpea.	Prof. H. M. Patil	2013
13.	Mr. Dudhade P. D.	11/002	Conservation agriculture through land configuration and irrigation management for effective production in chickpea.	Dr. P. S. Bodake	2013
14.	Mr. Kalbhor D. S.	11/003	Response of cabbage cultivars to microclimate and various levels of fertigation under polyhouse condition.	Dr. A. D. Tumbare	2013
15.	Miss. Limkar S. N.	11/007	Effect of planting techniques and irrigation regimes on marigold under drip irrigation.	Prof. J. B. Shinde	2013
16.	Mr. Mundhe R. P.	11/009	Effect of shade net colours and shading intensity on growth and yield of cabbage.	Dr. R. P. Andhale	2014
17.	Mr. Zambre P.B.	11/010	Effect of foliar sprays of WSF,growth regulator and micronutrient on growth, yield and quality of soybean.	Prof. P. T. Kolekar	2013
18.	Mr. Jadhav P. A	11/011	Effect of land configuration and nutrient levels on growth and yield of <i>kharif</i> groundnut.	Dr. S. M. Dhadge	2015
19.	Miss. Ravan S. A.	11/012	Integrated weed management in chickpea under irrigated condition.	Dr. A. B. Kamble	2013
20.	Mr. Khade Y.K.	11/013	Response of different varieties of peas to irrigation regimes during <i>rabi</i> season.	Dr. U. S. Surve	2013
21.	Miss. Yanglem S.Devi	11/014	Response of cauliflower to varing irrigation regimes and fertigation levels.	Dr. A. D. Tumbare	2013
22.	Mr.Dongarwar S. M.	11/016	Effect of nutrient management on green forage yield of summer pearlmillet.	Dr. S. H. Pathan	2014
23.	Mr.Charles M. Bisiwasi	11/017	Effect of integrated weed management on green forage yield and quality of oat.	Dr. P. S. Bodake	2013
24.	Mr.Gautam Maruti	11/018	Integrated weed management in <i>kharif</i> onion.	Prof. B.T. Sinare	2013
25.	Mr.Bandrewar V. R.	11/019	Response of nitrogen splitting and foliar sprays under drip irrigation method on growth, yield and quality of Bt. Cotton.	Prof. S. S. Tuwar	2013
26.	Mr. Ban P. R.	11/021	Effect of shade net colours,	Dr. M. B.	2014

			shading intensity and trailing system on growth and yield of green pea.	Dhonde	
27.	Miss. Dudhal S. S.	012/002	Effect of fertigation levels and schedules on growth, yield and quality of Wheat under drip irrigation.	Dr. A. D. Tumbare	2014
28.	Mr.Gavali A. A.	012/003	Effect of micronutrients and stress management on growth, yield and quality of soybean	Dr. P. S. Bodake	2014
29.	Mr. Gharbude N. A.	012/004	Comparative performance of coloured shadenet house and open field condition on growth yield and quality of chilli cultivars.	Dr. A. D. Tumbare	2014
30.	Mr. Mudagul P. D.	012/006	Comparative performance of coloured shadenet house and open field condition on growth and yield of cabbage cultivars.	Dr. U. S. Surve	2014
31.	Mr. Mule G. N.	012/007	Effect of application of phosphorus and sulphur on productivity of green gram	Dr. B. S. Raskar	2014
32.	Mr.Muthal Y. C.	012/008	Effect of foliar application of micronutrient and macronutrients on growth, yield and quality of <i>kharif</i> greengram	Prof. J. B. Shinde	2014
33.	Miss Patil P. C.	012/009	Effect of different threshing methods on growth and yield of soybean cultivars		2014
34.	Mr. Tekale G.P.	012/011	Efficacy of different herbicide on growth and yield of soybean	Prof. S. S. Tuwar	2015
35.	Mr. Yende Y. S.	012/013	Effect of post emergence herbicideon pigeon pea	Dr. D. D. Dudhade	2015
36.	Miss. Kokani R. B.	012/014	Integrated weed management with low volume hericides in sweet corn	Dr. A. B. Kamble	2014
37.	Miss. Yadav Poonam	012/015	Effect on fertilizers on planting method in soybean	Dr. P. S. Bodake	2014
38.	Miss. Patel Sudha	012/016	Effect of integrated weed management strategies on growth, yield and quality of	Dr. M. B. Dhonde	2014

			soybean.		
39.	Mr. Nannajkar R. R.	012/017	Effect of varying spacing and fertilizer levels on seed yield of sunnhemp	Prof. B. T. Sinare	2014
40.	Miss. Bhalekar A.K.	R/013/001	Response of sunflower hybrids to nitrogen levels during <i>kharif</i> season.	Dr. D. W. Thawal	2015
41.	Mr. Patil J. V.	R/013/002	Nutrient management through organic and inorganic sources in soybean.	Dr. B. S. Raskar	2015
42.	Mr. Birdawale G. B.	R/013/003	Response of summer Groundnut under varying planting densities and fertilizer levels.	Dr. A. V. Solanke	
43.	Mr. Kharat P. S.	R/013/004	Standardization of planting geometry and fertilizer requirement in Bt. Cotton.	Dr. S. K. Kamble	2015
44.	Mr. Kshirsagar M.A.	R/013/005	Effect of irrigation stress at different critical growth stages on growth, yield and quality of soybean.	Dr. U. S. Surve	2015
45.	Mr. Sarade P. K.	R/013/006	Integrated nutrient management in Summer Groundnut	Dr. R.P. Andhale	2015
46.	Mr. Kare S. D.	R/013/007	Response of summer Groundnut to planting material and drip irrigation with and without polythene mulch.	Prof. S. S. Tuwar	•
47.	Mr. Zanje D.S.	R/013/008	Nutrient management in summer soybean through potash levels and foliar spray	Prof. J. B. Shinde	-
48.	Mr. Nangare M.V.	R/013/009	Performance of soybean varieties under different layouts	Dr. M. B. Dhonde	2015
49.	Mr. Gadge B.B.	R/013/010	Performance of okra varieties under coloured shadenet and open field conditions during summer season.	Dr. A. D. Tumbare	2015
50.	Mr. Mundhe .S.N.	R/013/013	Performance of Cauliflower varieties under coloured shadenet and open field conditions during summer	Dr. U. S. Surve	2015
51.	Mr. Sanjeev Singh	R/013/014	Integrated weed management in Pigeonpea	Dr. A. B. Kamble	-

52.	Mr. Rajendra	R/013/015	Integrated weed	Dr. A. B.	2015
	Kumar		management in Bt Cotton.	Kamble	
53.	Mr. Bochare A.D.	R/013/016	Effect of nutrient	Dr. A. V.	2015
			management on forage	Solanke	
			maize yield.		
54.	Mr. Sakpal S.S.	R/013/017	Response of greengram to	Dr. D. D.	2015
	-		potash level and foliar spray	Dudhade	
55	Mr. Waheedullah B.	R/013/018	Effect of shadenet colours	Dr. D. W.	2015
			and foliar spray of boron on	Thawal	
			growth and yield of summer		
			okra		

# A) PhD in Agronomy

Sr	Name of the student	Reg. No.	Title /Research topic	Name of Research Guide	Year of thesis submission
1.	Miss. Apotikar V.A.	2008/02	Response of Potato in relation to microclimate studies under different irrigation levels, planting dates and mulching.	Solanke	2012
2.	Mr. Ilhe S.S.	2008/05	Response of Bt cotton to irrigation and fertigation apportioning schedules.		2013
3.	Mr. Pathan S.H.	2008/06	Effect of planting pattern, cutting management and fertilizer levels on growth, yield and quality of hybrid Napier.	Tumbare	2013
4.	Mr. Hasure R. R.	2008/07	Response of coloured capsicum to nutrients and pruning management under polyhouse condition.		2015
5.	Mr. Surve U. S.	2008/08	Studies on integrated farming system research models with special reference to productivity, profitability and water budgeting.		2013
6.	Mr. Dhebe P.M.	2009/01	Effect of Agrotechniques and crop geometry on weed control in Bt cotton hybrid Mallika.		2015
7.	Mr. Benke P. S.	2009/02	Effect of tillage and integrated weed management on weed dynamics, weed shift and productivity of soybean-onion sequence.	Solanke	2014
8.	Mr. Pawar P. B.	2009/04	Studies on microclimate of	Dr. A. S. Jadhav	2013

			1 211 , 1		
			summer pearlmillet under		
			different sowing time and		
	M II 1 N C	2000/06	irrigation regimes.	D A C W	2014
9.	Mr. Ugale N. S.	2009/06	Effect of organic inputs on		2014
			yield, quality and soil		
			properties in soybean-wheat		
			cropping sequence.		
10	Mr. Sinare B. T.	2000/07	Effect of land configuration	Dr. M. B.	2014
10.	Mir. Sinare B. 1.	2009/07	Effect of land configuration,		2014
			irrigation regimes and potassium levels on summer	Diloilde	
			groundnut.		
11.	Mr. Girase P. P.	2009/09	Esponse of Ashwagandha to	Dr. M. B.	2015
11.	Wir. Grase 1.1.	2007/07	planting layouts, spacing and		2013
			nutrient management under		
			drip irrigation system.		
12.	Mr. Danawale	2009/10	Response of tomato to	Dr. A. D.	2012
12.	N. J.	2007/10	different fertigation schedules		2012
			and irrigation regimes during		
			rabi season		
13.	Mr. Londhe V.	2009/11	Intercropping of pigeonpea	Dr. A. V.	2014
	M.		with groundnut as influenced		
			by irrigation methods and		
			different crop geometry.		
14.	Mr. Giri M.D.	2010/02	Evaluation of n splitting and	Dr. M. B.	2013
			foliar nutrition for yield		
			maximization and control of		
			reddening in Bt cotton under		
			inceptisol and vertisol.		
15.	Mr. Tekale C.D.	2010/06	Effect of different fertilizer	Dr. A. D.	2014
			levels and fertigation		
			schedules oon growth, yield		
			and quality of cucumber under		
1.0	Mr. D. d. D	2010/07	polyhouse condition.	D., A. D.	2014
16.	Mr. Pacharne D.	2010/07	Nutrient management and its		2014
	P.		residual effect on yield		
			potential of groundnut based		
17	Mr. Wadile S. C.	2010/08	diversified cropping systems.  Nutrient management and land	Dr. A. V.	2014
1/.	ivii. vvadile S. C.	2010/08	configuration in soybean-	Solanke	2014
			maize crop sequence.	Solalike	
18.	Mr. Thombre V.	2010/09	Performance of summer	Dr. M. B.	2015
10.	K.	2010/09	groundnut- clusterbean		2013
	18.		intercropping under climatic	Dilond	
			variablity		
19.	Mr.	2010/10	Development of crop weather	Dr. M. B.	2014
17.	Khadtare.S.V.	2010/10	relationship under different		2011
			sowing windows and irrigation		
			regimes in summer groundnut		
			6-1-1-1-1-1		

20.	Shri. Kolase	11/007	Effect of fertigation and	Dr. M. B.	
	R.H.	2 27 0 0 1	irrigation regimes on soil		
			properties, yield and quality of		
			Turmeric		
21.	Shri. Nagrare	2012/03	Effect of organic sources on		
	I.M.		growth and yield of soybean-		
22.	Shri. Patil H.B.	2012/04	garlic cropping system  Performance of nutrient	Dr. A. V.	
22.	Silli. Fatii fi.b.	2012/04	management in potato		
			preceding by green manuring		
			crops.		
23.	Mr. Ughade S.R.	2012/05	Response of summer Tomato		
			to different fertigation levels		
			and schedules under		
24.	Shri. Sonawane	2012/06	polyhouse. Nutrient management in	Dr. M. B.	
24.	C.J.	2012/00	Nutrient management in cluster bean-potato cropping		
	C.5.		system through different		
			organic sources.		
25.	Shri. Dhonde	2012/07	Productivity enhancement		
	D.P.		through different fertigation		
			levels and schedules in Bt		
			Cotton- Muskmelon cropping system.		
			system.		
26.	Shri. Nawale	2012/08	Soybean cropping sequence to		
	S.S.		mitigate the effects of sowing	Solanke	
27	01 · C · 1 D C	DII D. A. C./012/01	dates followed by <i>rabi</i> crops.	D 4 W	
27.	Shri. Gunjal B.S.	PH.D.AG/013/01	Integrated nutrient management in sweet corn-	Dr. A. V. Solanke	
			potato cropping sequence.	Solalike	
28.	Shri. Kolage A.	PH.D.AG/013/02	Nutrient management in maize	Dr. D. W.	
	K.		based vegetable cropping		
			sequences.		
29.	Shri. More V. G.	PH.D.AG/013/03	Response of irrigation regime		
			and fertigation levels for summer chilli-watermelon	Dhonde	
			summer chilli-watermelon crop sequence with mulch.		
30.	Miss. Pohare	PH.D.AG/013/04		Dr. D. W.	
50.	V.B.	11121113/013/04	management in soybean-onion		
			crop sequence.		
31.		PH.D.AG/013/05	Nutrient management through		
	L.D.		STCR equation in Groundnut -	Solanke	
22	M 101 . G 5	DILD ACIO1010	Potato cropping sequence.	D D C D 1	
32.	Mr. Thorat S. D.	PH.D.AG/013/06	•	Dr. B. S. Raskar	
			management on productivity and profitability of soybean		
			based cropping system.		
33.	Shri. Mane R. B.	PH.D.AG/013/07		Dr. A.D.	

			irrigation and fertigation with planting techniques suitable for mechanization in Bt Cotton under drip.		
34.	Mr. Panchal V.V.	Ph.D./014/01	Influence of sowing windows and irrigation schedules on growth, yield and quality of castor.		
35.	Mr. Dhonde A.S.	Ph.D./014/02	Development of organic farming package for diversified cropping systems.		
36.	Mr. Muthal Y.C.	Ph.D./014/03	Effect of planting layout and plant spacing on growth and yield of bulb production ( <i>Kharif</i> ) and seed production ( <i>Rabi</i> ) onion.	Dhonde	-1
37.	Mr. Sagvekar V.V.	Ph.D./014/04	Response of drip fertigation on growth, yield and quality of papaya.		
38.	Miss.Kawade A.A.	Ph.D./014/05	Standardization of drip fertigation as per yield target for maize (Grain) - Onion (Seed) cropping sequence	Tumbare	

# **Extension Activities**

# **Training Programmes Organized:**

Sr	Title	Sponsored	Date & Duration	Participants	Organized by	Special feature if any/Remarks
1.	MODEL TRAINING COURSE on Integrated Crop Management Technology Dissemination	Ministry of Agriculture, GOI, New Delhi	January 12 <sup>th</sup> to 19 <sup>th</sup> , 2016	20 participant from Department of Agriculture, Government of Maharashtra, other State Government and Krishi Vigyan Kendras	Jointly organized by the Head, Department of Agronomy, Director of Extension Education Mahatma Phule Krishi Vidyapeeth, Rahuri and Ministry of Agriculture, Govt. of India, New Delhi	Successfully conducted and appreciated by participants

# Achievements

## Numbers of student completed the degree from Agronomy department

MSc : 530PhD : 88

#### **Student Awards:**

S. N.	Student Name	Award	Sponsoring Institute	Year
1	Mr. Y. C. Muthal	Excellence Agri student Award	Krishithon, Nashik (MS)	2016
2	Ms. A. A. Kawade	Innovative Young Scientist Award	Krishithon, Nashik (MS)	2017
3	Mr. R. K. Sathe	Young Scientist Award	Green Reap Welfare Society, Adilabad, (TS).	2017
4	Ms. Y. M. Gagare	Young Professional Award and Best Oral Presentation award	Genesis Urban and Rural Development Society, Hyderabad. (TS).	2018
5	Mr. V. V. Patil	Young Professional Award	Genesis Urban and Rural Development Society, Hyderabad.(TS).	2018

# Best paper /poster presentation award:

S. N.	Name of the	Award	<b>Sponsoring Institute</b>	Year
	faculty			
1	Dr. H. M. Patil	Best Poster Award	Dr. BSKKV, Dapoli	2013
2	Dr. R. P. Andhale	ISA Best Poster	Indian Society of	2014
		Presentation	Agronomy New Delhi	
3	Dr. N. V. Kashid	Best Poster Presentation	ICAR-IIRR, Hyderabad	2015
		Award		
4	Mr. B. D.	Best Poster Award	Indian Society of Weed	2017
	Malunjkar		Science	
5	Dr. U. S. Surve	Best Research Paper	PSAR, DFRS, Solapur	2018
		Presentation Award		
6	Dr. N. V. Kashid	Best Research Award	Shivaji University,	2018
			Kolhapur	
7	Dr. V. T. Jadhav	Best Poster Presentation	PSAR, DFRS, Solapur	2018
		Award		

# **Students Scholarship/Fellowship:**

S. N.	Name of the Student (Ph.D.)	Name of Scholarship/Fellowship	Monthly Amount of	Sponsored by
	(2 21/2 4)	501101 <b>11</b> 1201111111111111111111111111111	Scholarship	~3
1.	Mr. Dhebe P.S. 09/001	ASPEE Foundation, Mumbai	2000/-	Private
2.	Mr. Tekale C.D. 10/006	DST, INSPIRE Scholarship	18,000/-	Central Govt.
3.	Dr. Ughade S.R. 12/005	Rajiv Gandhi National Fellowship	25,000/-	Central Govt.
4.	Miss. Pohare V. B. 13/004	Rajiv Gandhi Natinal Fellowship	25,000/-	Central Govt.
5.	Miss. Shinde L. D. 13/005	DST, INSPIRE Scholarship	23,000/-	Central Govt.
6.	Miss. Kawade A.A. 14/005	DST, INSPIRE Scholarship	29,000/-	Central Govt.
7.	Mr. Panchal V. V. 14/001	DST, INSPIRE Scholarship	29,000/-	Central Govt.
8.	Mr. Sathe R.K. 16/004	BARTI, Pune National Fellowship	25,000/-	State Govt.

#### Students selected for JRF/SRF/NET ICAR/DBT/ARS

S. N.	Name of Student	Exam Passed	Year
1	Mr. Y. C. Muthal	NET	2017
2	Mr. J. B. Dhangda	NET	2017
3	Mr. V. V. Patil	NET	2017
4	Mr. V. G. Raut	NET	2017
5	Mr. G. S. Dhaigude	NET	2018

# Foreign student completed M.Sc. (Agri.) in department of Agronomy

S. N.	Name of Student	Degree	Country	Year
1	Vu Tien Khang	Ph.D.	Vietnam	2008
2	Mr. Charles M. Bisiwasi 11/017	M.Sc.(Agri.)	Malawi	2013
3	Mr. Waheedullah 13/018	M.Sc.(Agri.)	Afghanistan	2015

## **Best Center Award:**

Center Name	Award	Sponsoring Institute awarded at	Year
DFRS, Solapur	Best ORP Center Award-2014	AICRPDA, Indore	2014

# **Faculty Awards:**

S. N.	Name of the faculty	Award	Sponsoring Institute	Year	National/ International
1	Dr. A. V. Solanke	0	Kasmade Krishi Mahostav,	2015	State
			Pathak Maidan, Satana, Nashik		
2	Dr. U. S. Surve	Best Young		2015	International
		Scientist Award	Publication		
3	Dr. H. M. Patil	Agrocare Idol	Kasmade Krishi Mahostav,	2016	State
			Pathak Maidan, Satana,		
			Nashik		
4	Dr. A. K. Kolage	Agrocare Idol	Kasmade Krishi Mahostav,	2016	State
			Pathak Maidan, Satana,		
			Nashik		
5	Dr. U. S. Surve	Best Research	Indian Society of	2016	National
		Paper Award-	Agronomy, New Delhi		
		2014			
6	Mr. B. D. Malunjkar	Scientist	MPUAT, Udaipur	2017	International
		Associate Award			

# Faculty visit abroad

S. N.	Name of faculty	Country visited	Year	Purpose	
1.	Dr. M B Dhonde	Australia, Newzealand, Singapore	2014	Educational Tour	
2.	Dr. A V Solanke	Germany, France , Holland, Spain, Netherland	2013	Educational Tour	

# **Contact information**

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