6.4. Self Study Report for the Programme

6.4.1. Brief History of the Degree Programme

6.4.2. Faculty Strength

6.4.3. Technical and Supporting staff

6.4.4 Classrooms and Laboratories

A. UG degree programme

a. Information on classroom for UG programme at College of Agriculture, Latur

Sr. No.	Name of classroom	Space	Seating capacity	Facilities available
1	UG Lecture Hall No. I	16.36 m x 7.57 m	120	Curricula delivery through IT (Smart classroom)
2	UG Lecture Hall No. II	16.64 m x 7.49 m	120	Curricula delivery through IT (Smart classroom)
3	UG Lecture Hall No. III	8.20 m x 7.35 m	60	Curricula delivery through IT (Smart classroom)
Department of Agronomy				
	UG classroom-cum-seminar Hall	6.60 m x 8.40 m	30	Curricula delivery through IT (Smart classroom)
Department of Agril. Botany				
	UG/PG classroom-cum-seminar Hall	6.32 m x 5.96 m	30	Curricula delivery through IT (Smart classroom)
Department of Agril Economics				
	UG/PG classroom-cum-seminar Hall	11.83 m x 7.81 m	60	Curricula delivery through IT (Smart classroom)
Department of Agril. Engg.				
	UG classroom	9.0 m x 6.5 m	60	Curricula delivery through black board teaching, charts, models, etc.
Department of Agril. Entomology				
	UG/PG classroom-cum-seminar Hall	8.20 m x 7.35 m	60	Curricula delivery through IT (Smart classroom)
Department of AHDS				
	UG/PG practical classroom-cum-seminar Hall	11.64 m x 6.55 m	60	Seating arrangement with duel desk,
Department of Extension Education				
	UG/PG classroom-cum-seminar Hall	9.30 m x 6.50 m	48	Curricula delivery through IT (Smart classroom)
Department of Horticulture				
	UG classroom	8.40 x6.40	60	Curricula delivery through IT (Smart classroom)
Department of Plant Pathology				
	UG classroom-cum-seminar Hall	17.5 m X 8.0 m	60	Curricula delivery through IT (Smart classroom)

Department of SSAC				
	PG classroom-cum-seminar Hall	8.20 m x 7.35 m	60	Curricula delivery through IT (Smart classroom)

b. Information on functional laboratories for UG degree programme

Sr. No.	Name of functional laboratory	Space	Seating capacity	Utility
Department of Agronomy				
	UG Laboratory	6.60m x8.40m	30	Utilized for conducting UG practicals
Department of Agril. Botany				
	UG Laboratory	12.73 m x 7.73 m	30	Utilized for conducting UG practical's of genetics and plant breeding and Curricula delivery through IT (Smart classroom)
	Tissue culture Laboratory	7.15 m x 8.00 m	30	Utilized for conducting practical's on plant tissue culture, Having inoculation and incubation room with AC facilities
Department of Agril Economics				
	UG Laboratory	7.6 m x 4 m	30	Utilized for conducting UG practical's
Department of Agril. Engg.				
	UG Laboratory	11.7 x 6.50 m	40	Utilized for demonstration of models, instruments, for conducting UG practical
	Computer Laboratory-cum classroom	12.0 x 9.0 m	30	Utilized for conducting practical on computer skills, internet access, online teaching aids, online applications of UG/PG students, office work
Department of Agril. Entomology				
	UG Laboratory	16.64 m x 7.49 m	60	Utilized for conducting UG practicals
	Biological Control Laboratory	16.98 m x 7.92 m	60	Utilized for conducting practicals on Biological control
Department of AHDS				
	UG/PG practical classroom-cum-seminar Hall (Animal Husbandry)	11.64 m x 6.55 m	40	Seating arrangement with duel desk, working platform, water supply in basin
	UG/PG lab for conducting UG/PG practical	11.64 m x 6.55 m	40	Seating arrangement with lab stool, working platform, water supply in

	(Dairy Science)			basin
Department of Extension Education				
	UG Laboratory	9.30 m x 6.50 m	50	Utilized for conducting UG practicals
Department of Horticulture				
	UG Laboratory	12.10 m x 6.20 m	30	Utilized for conducting UG practical
Department of Plant Pathology				
	UG Laboratory	17.5 m X 8.0 m	60	Utilized for conducting UG practicals
Department of SSAC				
	UG Laboratory	16.64 m x 7.49 m	30	Utilized for conducting UG practicals

B. PG degree programme

c. Information on classroom for PG degree programme

Sr. No.	Name of classroom	Space	Seating capacity	Facilities available
Department of Agronomy				
	PG classroom-cum-seminar Hall	6.60 m x 8.40 m	30	Curricula delivery through IT (Smart classroom)
Department of Agril. Botany				
	PG classroom-cum-seminar Hall	6.32 m x 5.96 m	30	Curricula delivery through IT (Smart classroom)
Department of Agril Economics				
	UG/PG classroom-cum-seminar Hall	8.20 m x 7.35 m	60	Curricula delivery through IT (Smart classroom)
Department of Agril. Engg.				
	Nil			
Department of Agril. Entomology				
	UG/PG classroom-cum-seminar Hall	8.20 m x 7.35 m	60	Curricula delivery through IT (Smart classroom)
Department of AHDS				
	PG Lecture/Seminar Hall	7.98 m x 4.88 m	30	Curricula delivery through IT (Smart classroom)
Department of Extension Education				
	PG classroom	9.30 m x 6.50 m	48	Curricula delivery through IT (Smart classroom)
Department of Horticulture				
	PG classroom-cum-seminar Hall	6 m x 3 m	30	Curricula delivery through IT (Smart classroom)
Department of Plant Pathology				
	PG classroom-cum-seminar Hall	17.5 m X 8.0 m	60	Curricula delivery through IT (Smart classroom)
Department of SSAC				
	PG classroom-cum-	8.20 m x	50	Curricula delivery through

	seminar Hall	7.35 m		IT (Smart classroom)

d. Information on functional laboratories for PG degree programme at Dept. of Agril. Entomology

Sr. No.	Name of functional laboratory	Space	Seating capacity	Utility
Department of Agronomy				
	PG Laboratory	6.60 m x 8.40 m	30	Utilized for conducting PG research
Department of Agril. Botany				
	PG Laboratory	16.36 m x 7.57 m	30	Utilized for conducting PG practical's
Department of Agril Economics				
	Computer Laboratory	16.79 m x 7.92 m	12	Utilized for conducting PG practical's and PG research data analysis
Department of Agril. Engg.				
	NIL			
Department of Agril. Entomology				
	PG Laboratory	16.79 m x 7.92 m	60	Utilized for conducting UG practicals
Department of AHDS				
	UG/PG practical classroom-cum-seminar Hall (Animal Husbandry)	11.64 m x 6.55 m	40	Seating arrangement with duel desk, working platform, water supply in basin
	UG/PG lab for conducting UG/PG practical (Dairy Science)	11.64 m x 6.55 m	40	Seating arrangement with lab stool, working platform, water supply in basin
	PG lab for conducting PG research	8.93 m x 4.84 m	06	Utilized for PG research.
Department of Extension Education				
	PG Laboratory	9.30 m x 6.50 m	48	Utilized for conducting PG practicals
Department of Horticulture				
	PG Laboratory	8.40 x 6.40	30	Utilized for conducting PG practicals
Department of Plant Pathology				
	PG Laboratory	17.5 m X 8.0 m	60	Utilized for conducting PG practicals
	Isolation chamber	2.5 m X 2.0 m	-	Utilized for isolation
	Screen House	8.0 mX 3.5 m	-	Utilized for conducting PG practicals
Department of SSAC				

	PG Laboratory	16.79 m x 7.92 m	35	Utilized for conducting PG practical's
	Remote sensing laboratory cum Library	7.92 m x 7.92 m	15	For conducting remote sensing practical of M.Sc student
	Central Instrumentation Cell (CIC)	10 m x 18 m	12	Having high cost instrument which is used by PG student of Latur Campus

e. Information on list of major equipments available at Dept. of Agril. Entomology utilized for UG/PG degree programme

Sr. No.	Name of the Equipment	Quantity	Remark
Department of Agronomy			
	Weighing balance		
1	Weighing balance 1o kg	1	
2	Electron top pan balance	2	
3	Ultratech electronic balance	1	
4	Electron top pan balance 10 kg	1	
5	Electron top pan balance 01 kg	1	
6	Electron top pan balance 300g	1	
7	Meteorology charts	9	
	Soil sampling auger	1	
8	Screw auger 35 mm	1	
9	Screw auger 50 mm	1	
10	Post hole auger 150 mm	1	
11	Soil core sampler	1	
12	Augar 10 cm	1	
13	ATC tube auger	1	
	Tensiometer		
14	Tensiometer 12"	1	
15	Tensiometer 29"	1	
16	Tensiometer 30 cm	02	
17	Tensiometer inseath coring tool	02	
18	Tensiometer primingsyringe	02	
19	Gypsum block	10	
20	Overhead projector	02	
21	Refractometer	01	
22	pH meter	01	
23	Digital pH meter	01	
24	Digital conductivity meter	01	
25	Sand sugar refractometer	01	
26	Standerd test sieves	11	
27	Hot air oven	02	
	Spraybers		

28	Hi-tech sprayer	03	
29	Knapsac sprayer		
30	Leaf area meter	01	
31	Lux meter	01	
32	Water analysis colorimeter kit	01	
33	V notch 90 1ft	1	
34	V notch ½ 90 1ft	1	
35	V notch ¼ 90 1ft	1	
36	Permeability test apparatus	1	
37	Rapid moisture meter	1	
38	Ground nut decorticator	1	
39	Groundnut stripper	1	
40	Hand hoe	4	
41	Stubble collector	2	
42	M B Plough	1	
43	Wheel hand hoe	1	
44	Seed cum fertilizer drill	1	
Department of Agril. Botany			
1	Trinocular Olympus microscope with Magnus MIPS CMOS Camera Model MIPS-10MP	01	
2	Students microscope	05	
3	BOD incubator	01	
4	Hot air oven	01	
5	Autoclave	01	
6	Horizontal laminar flow	01	
7	Double distillation unit	01	
8	Deep refrigerator	01	
9	Muffle furnace	01	
Department of Agril Economics			
1	Computer Desktop	12	
2	Overhead projector(Sony)	01	
Department of Agril. Engg.			
1	Plane table tripod fixing ring	03	
2	Engg. Chain 30 m.	02	
3	Ranging rod (black)	20	
4	Plumb bob	03	
5	Line ranger	03	
6	Dumpy level with stand	03	
7	Alidade brass nickle	02	
8	Cross staff	01	
9	Octagonal cross staff	03	
10	Plumbing fork	03	
11	P. Compass (stand)	03	
12	Abney level	01	
13	Alidade box	03	
14	Cross staff	04	
15	Optical square	03	
16	Prism square	02	

17	Tractor model	01	
18	Fuel suply sy dies eng	01	
19	Levelling staff	06	
20	Pigmi water current meter with accessories	01	
21	Sub surface drainage model	01	
22	Water stage level Recorder	01	
23	Venturi meter	01	
24	Orifice meter	01	
25	Centrifugal pump	01	
26	Drip sample board	01	
27	Flush valve 50mm	01	
28	Ball valve 50mm	01	
29	Pressure gauge ¼ in.	01	
30	Micro sprinkler stake	02	
31	Coffer dam model	01	
32	Spillway gate 10387	01	
33	Sluice gate 10400	01	
34	Tank weir 10398	01	
35	Supressed weir 10399	01	
36	Canal regulater 10406	01	
37	Canal drop	01	
38	AIC brand infiltrometer complete	01	
39	Automatic recorder RG	01	
40	Spring balance RG	01	
41	Tilting bucket RG	01	
42	Fuel supply system petrol engine model	01	
43	Fuel supply system diesel engine model	01	
44	Gear box with clutch	01	
45	Differential tr. model	01	
46	Mechanical brake model	01	
47	Carburetter SG type	01	
48	Spark plug	01	
49	Fuel pump model	01	
50	Gear lubricating pump	01	
51	Radiator	01	
52	Crank shaft	01	
53	Cam shaft	01	
54	Two stroke P.E.model	01	
55	Four stroke P.E.model	01	
56	Two stroke D.E.model	01	
57	Four stroke D.E. model	01	
	Computer Lab		
01	VXLINSTRUMENTS LTD, Thin clients	27	
02	Server, IBM Company	01	
03	Server, PCS Company	01	
04	Computers HP Make	03	
05	Laptop Lenovo	01	
06	Computer Lenovo	11	

07	Computers HP Make	02	
08	Printers, HP Laser Jet 1020	02	
09	UPS, Microtech company	01	
10	LCD projector, Sony Company	01	
11	Internet facility		
12.	Internet connectivity		
	Agro Park & Seed Processing Plant		
01	HTP Sprayer Tripple piston type	01	
02	FT30 Hero tractor (Escorts make) with accessories as per DSR page No.	01	
03	Cotton planter	01	
04	Krishivator	01	
05	Cotton gin(Cloy gin)	01	
06	Sonalika Thresher	01	
07	Power Weeder / Cultivator (Banson Agro. Engg. Nashik)	01	
08	Single furrow reversible PARAS plough	01	
09	Two furrow (surry) Ridger	01	
10	Cultivator (Nine tyne Tractor operated)	01	
11	Seed cum ferti drill nine tyne	01	
12	Power Tiller 130 DI with accessories & 600 mm rotor	01	
13	Power reaper KB-120m	01	
14	Leaf Shreader machine with cardon shaft	01	
14	Post hole digger	01	
15	180-D Tractor (Mitsuhushi) with rotary wheel	01	
16	Krishivator 1.00 m. with carbon shaft	01	
17	Dal mill	01	
18	Fertilizer Broadcaster	01	
19	Seed treater model ST-2-RD	01	
20	Seed Grader model seed master with 15 different accessories as per DSR book page	01	
21	Specific gravity separator Model G2	01	
22	Electronic weight machine NEP- 60A with 6 volts Battery & display each	02	
23	Electronic weight machine NEP- 600A with 6 volts Battery & display each	01	
24	Novel Bag Closer machine DA Auto oil	01	
25	Holding bin	01	
Department of Agril. Entomology			
1	Students microscope(JRMC-20)	04	
2	Dissection microscope	05	
3	Dissection microscope	30	
4	Getner stereoscopic microscope	01	
5	Binocular microscope MAC	01	
6	Res. Binocular microscope	02	
7	Voltas refrigerator	01	
8	BOD incubator(Navdeep)	01	

9	BOD incubator(MAC)	01	
10	Centrifuge	01	
11	Vacuum cleaner	02	
12	U.V. chamber	01	
13	Digital top pan balance INOSAW	01	
14	Hot air oven MAC	01	
15	Mono pan electric balance MAC	01	
16	TLC plate MAC	01	
17	Autoclave MAC	01	
18	Horizontal laminar flow	01	
19	Sattorius analytic balance	01	
20	Mono Quartz Distillation Unit with DAPS	01	
21	Rotary vacuum evaporator	01	
22	Humidifier cum heater	02	
23	Paddy cum weed cutter	02	
24	Weighing electronic balance	01	
25	Mulberry leaf chopping machine	01	
26	De-flossing machine	01	
27	Heater stove	01	
28	Domestic mixer	01	
29	Marut hand compression sprayer	01	
30	Marut foot sprayer	01	
31	Aspee CDP	01	
32	Gatoor rocking sprayer	01	
33	Aspee standard bucket sprayer	01	
34	Aspee knapsack sprayer	01	
35	Aspee hand rotary duster	01	
36	Aspee bolo power sprayer	01	
37	Ganesh hand sprayer	01	
38	STP power sprayer	01	
39	Power sprayer Agrimet	01	
40	Agrimet simple sprayer	01	
41	Aspee knapsack sprayer (IPM)	04	
42	Overhead projector(Metzer)	01	
43	Metzer slide film projector	01	
44	BOD incubator Bio-technique	01	
Department of AHDS			
1.	Autoclaves (Small / vertical)	1	
2.	Gerber’s centrifuge machine	1	
3.	Laminar air flow cabinet	1	
4.	Cream separator	1	
5.	B.O.D. Incubator	1	
6.	Hot air oven	1	
7.	Deep Freezer	1	
8.	Bacteriological Incubator	1	
9.	Kjeldahl Digestion Apparatus	1	
10.	Hot Air Oven	1	
11.	Muffle Furnace	1	

12.	Single Pan Electrical Balance	1	
13.	Gerber Centrifuge Machine	1	
14.	Electronic Weighing Balance	1	
15.	pH Meter	1	
16.	Automatic Milk Analyser	1	
17.	Glass Distillation Apparatus	1	
18.	BOD Incubator	1	
19.	Digital Colony Counter	1	
20.	Digital Dynamometer	1	
Department of Extension Education			
1	Television	01	
2	Automatic slide Projector	01	
3	Over Head Projector	01	
4	Ahuja Universal Sound Unit	02	
5	AhujaRreflex Horn	02	
6	Ahuja Sound Column	02	
7	Ahuja Micro Phone ASM 700	02	
8	Ahuja Micro Phone AUD-101	02	
9	Ahuja Micro Phone CTP-10	01	
10	Ahuja Mike Stand At-5	02	
11	Ahuja Mike Stand DGN	02	
12	Ahuja Mike PCM 100	01	
13	Amplifier (Megha) cum Tape Recorder	01	
14	Exhibition Display Stand	03	
15	Compact Over Head Projector CMP 330	01	
16	Sony Tape Recorder Micro CD Music System	01	
17	Video Camera(Handy Cam) Dit-8	01	
18	LCD Projector	01	
19	Digital Camera	01	
20	Ahuja Amplifier SSA-350	01	
21	Ahuja Dual Cordless Micro Phone AWM-490 V2	01	
22	Ahuja one Wireless Mike &)! Hand Mike	01	
23	Ahuja Drive Unit AU-40 XT	02	
24	Ahuja Sound Column ASC-20T	02	
25	Ahuja Table Mike ACM -66 CH	01	
26	Ahuja Small Mike Stand ATS-5	05	
27	Ahuja Rolex Horn	02	
28	Hp Desktop Computers with printers	03	
Department of Horticulture			
1	Potato peeler	01	
2	Lemon juice extractor	01	
3	Refractometer 0^{o} to 50^{o} B	01	
4	Refractometer 40^{o} to 85 ^{o}B	01	
5	Autoclave	01	
6	Mixer	01	
7	Cooker	01	
8	Refrigerator	01	

9	Fruit and veg. slicer (Hand operated)	01	
10	Crown crocking machine	01	
11	Analytical projection bd	01	
12	PH meter digital MAC	02	
13	Soil testing kit	01	
14	Water bath rectangular	01	
15	Juice press hand refractometer	01	
16	Fruit and veg. slicer MAC-625	02	
17	Hand refractometer-503,58 to 92%	01	
18	Hot plate round single plate	01	
19	Hot plate round double plate MAC -423	01	
20	Single pan electrical balance	01	
21	Moisture box	25	
22	Lab willy grinder	01	
23	Gas shegdi	01	
24	Gas cylinder	01	
25	Presser cooker	01	
26	Overhead projector with screen	01	
27	Iron stove	02	
28	Steel jug	01	
29	Steel glass	05	
30	Steel spoon	06	
31	Knife (big)	02	
32	Steel patele (big + small)	15	
33	Steel plate	03	
34	Steel spoon (big)	02	
35	Steel ulthana	02	
36	Lemon juice extractor	01	
37	Steel daba	01	
38	Knife	01	
39	Peeler	02	
40	Cease fire	01	
41	Steel vegrale	01	
42	Steel plate	01	
43	Iron boards	04	
44	Iron pots	02	
	Garden tools		
45	Pickaxe	09	
46	Spade	12	
47	Kudli	02	
48	Khurpi	10	
49	Sickle with toothed edge	09	
50	Secateurs (Parrot nose + Simple)	57	
51	Budding knife	31	
52	Budding grafting knife	40	
53	Pruning knife (big + small)	20	
54	Tree pruner	02	
55	Bill hook	05	

56	Grass shape shear	06	
57	Digging fork D handle	05	
58	Garden rake (16 teeth)	05	
59	Ganesh type pneumatic sprayer	01	
60	Trenching hoe	03	
61	Garden dibbler	30	
62	Hand cultivator	06	
63	Garden fork	05	
64	Garden trowel	05	
65	Transplanting trowel	06	
66	Iron ghamets	08	
67	Meter tape	01	
68	Plastic sprayer (Knapsack)	02	
69	Hedge cutter (flexo)	01	
70	Hedge cutter (K.P. Jaipur)	01	
71	Hedge cutter	02	
72	Drip irrigation set	07	
73	Foot sprayer	01	
74	Tractor (T.F.30 Hero tractor) with tool kit	01	
75	Tractor (Mitsubishi) MT180 D	01	
76	Rotovator (Mitsubishi) 2PR 1110	01	
77	Tool kit	01	
Department of Plant Pathology			
1	Autoclaves (Portable)	02	
2	Autoclaves (Small / vertical)	02	
3	Autoclaves (Big / vertical)	02	
4	Laminar air flow cabinet	03	
5	B.O.D. Incubator	01	
6	Hot air oven	01	
7	Compound Microscopes a) Student's	28	
8	b) Research	06	
9	Labomed photographic trinocular	01	
10	Rotary shaker	01	
11	Refrigerators	02	
12	Electronic Monopan Balance	01	
13	Humidifier	02	
Department of SSAC			
1	Soil sampling augur	01	
2	Rocks Samples	01	
3	Dedicator	01	
4	Hot air oven	01	
5	Mechanical shaker	01	
6	Sand bath	01	
7	Infilltrometer	01	
8	Soil Aggregates separator	01	
9	Hot plate	01	
10	Distillation unit	01	

11	Distil water plant	01	
12	pH meter	01	
13	EC Meter	01	
14	Soil thermometer	01	
15	Dispossession cup	01	
	Deionize water plant,	01	
	Hydraulic conductivity meter	01	
	Water bath	01	
	Mechanical shaker	01	
	Distil water plant	01	
	Hot air oven	01	
	Muffle Furness	01	
	Hot plate	01	
	Wooden mortal and pastel	01	
	Electronic weighing balance	01	
	Spectrophotometer	01	
	Micro wave digestion	01	
	Nitrogen analyzer (Pelican) with digestion	01	
	pH meter	01	
	EC Meter	01	
	Weighing balance	01	
	Double distil water plant	01	
	Single Distil water plant	01	
	Atomic absorption spectrophotometer with flow injection	01	
	Hot air oven	01	
	Magnetic starrer	01	
	Centrifuge machine	01	
	Flame photometer	01	
	Cartographic table	01	
	SOI top sheet	01	
	Computer with GIS Map info software	01	
	Internet connection for access of satellite data	01	
	Printer	01	
	Scanner	01	

f. Information on farm facilities available at College of Agriculture, Latur utilized for award of UG/PG degree programme

A. UG degree programme

Sr. No.	Name of farm facility	Space	Remark
Department of Agronomy			
	UG Instructional farm	0.5 ha	Used for conducting UG practicals & crop cafeteria
Department of Agril. Botany			
	UG/PG Instructional cum research farm	0.8 ha	Used for conducting UG practical's and PG research work

Department of Agril. Economics			
	NIL		
Department of Agril. Engg			
Department of Agril. Entomology			
	UG Instructional farm	0.5 ha	Used for conducting UG practicals
	Mulberry plantation	1 ha	Used for conducting ELP on Commercial Sericulture
Department of AHDS			
	UG Instructional fodder cafeteria	0.5 ha	Used for Instructional/practical/demonstration purpose and conducting UG practical's
	Fodder production farm	1.5 ha	Used for production of fodder for livestock
Department of Extension Education			
	NIL		
Department of Horticulture			
	UG Instructional farm	0.20 ha	Used for conducting UG practicals
	Area under Orchard plantation	10.00 ha	Used for conducting UG practicals
Department of Plant Pathology			
	UG/PG Instructional farm	0.40 ha	Used for conducting UG practicals
Department of SSAC			
	UG/PG Instructional farm	0.5 ha	Used for conducting UG practicals

B. PG degree programme

Sr. No.	Name of farm facility	Space	Remark
Department of Agronomy			
	PG Instructional-cum research farm	2.0 ha	Used for conducting PG practicals and research
Department of Agril. Botany			
	UG/PG Instructional cum research farm	0.8 ha	Used for conducting PG practical's and PG research work
Department of Agril. Economics			
	NIL		
Department of Agril. Engg			
Department of Agril. Entomology			
	PG Instructional-cum research farm	1.5 ha	Used for conducting PG practicals and research
Department of AHDS			
	UG/PG Instructional fodder cafeteria	0.5 ha	Used for Instructional/practical/demonstration purpose and conducting PG practical's
	UG/PG Fodder	1.5 ha	Used for production of fodder for

	production farm		livestock
Department of Extension Education			
	NIL		
Department of Horticulture			
	PG Instructional-cum research farm	2.20 ha	Used for conducting PG practical and research
Department of Plant Pathology			
	UG/PG Instructional farm	0.40 ha	Used for conducting UG practicals
Department of SSAC			
	UG/PG Instructional farm	0.5 ha	Used for conducting UG practicals

g. Information on instructional units available at Dept. of Agril. Entomology utilized for award of UG/PG degree programme

Sr. No.	Name of farm	Space	Remark
Department of Agronomy			
	NIL		
Department of Agril. Botany			
	NIL		
Department of Agril. Economics			
	NIL		
Department of Agril. Engg			
	Agro Park	14.0 x 9.0 m	Used for conducting UG practical & Farm operation by Farm Section
	Seed Processing Plant	18.0 x 9.0 m	Plant not operation Used for showing equipments & components for UG practical
Department of Agril. Entomology			
	Insect Museum	8.23 m x 7.92 m	Used for conducting UG/PG practicals
	Experiential Learning Unit on Commercial Sericulture (ICAR funded)	15.30 m x 7.30 m	Used for conducting ELP on Commercial Sericulture. Used for conducting PG research on sericulture
Department of AHDS			
	Cattle shed	13.72 x 9.14 =125.40	Used for conducting UG/PG practical's
	Milking cum Milch animal shed	10.67 x 9.14 = 97.52	Used for conducting UG/PG practical's
	Calf House	4.02 x 9.23 = 37.11	Used for conducting UG/PG practical's
	Store room	9.75 x 3.97 = 38.70	Used for conducting UG/PG practical's
	Store room (Medium size)-2	6.09 x 3.23= 19.67	Used for conducting UG/PG practical's
	Goat shed	14.93 x 6.70 = 100.03	Used for conducting UG/PG practical's
	Kid Shed	6.70 x 3.96	Used for conducting UG/PG

		= 26.53	practical's
	Experimental poultry house	4.48 x 6.03 = 27.01	Used for conducting ELP on Commercial Broiler Production. Used for conducting PG research on Broiler
Department of Extension Education			
	Audio Video Aid Lab	9.30 m x 6.50 m	Used for conducting UG/PG practicals
Department of Horticulture			
Department of Plant Pathology			
	Experiential Learning Unit on Mushroom Production Technology Mushroom spawn - run room	12.5 m X 2.5 m	Used for conducting ELP on Mushroom Production Technology Used for conducting PG research on Mushroom
	Mushroom cropping room	7.0 m X 3.0 m	Used for conducting ELP on Mushroom Production Technology Used for conducting PG research on Mushroom
Department of SSAC			
	Vermicomposting shade	5 X 5m	Used for conducting UG/PG practical's

h. Information on theory and practical batches for UG and PG degree programme at College of Agriculture, Latur

1. UG degree programme

Sr. No.	Academic year	Theory batches	Practical batches
1	2013-14	2	4
2	2014-15	2	4
3	2015-16	2	4
4	2016-17	2	4
5	2017-18	2	4

2. PG degree programme

Sr. No.	Academic year	Theory batches	Practical batches
1	2013-14	1	1
2	2014-15	1	1
3	2015-16	1	1
4	2016-17	1	1
5	2017-18	1	1

6.4.5 Conduct of practical and hands-on-training at Dept. of Agril. Entomology

a. UG degree programme

Sr. No.	Course No.	Course Title	Skills learned through conduct of practical and hands-on-training
Department of Agronomy			
1	Agro 111	Principles of Agronomy	1. To identify crop seeds & crop plants at different stages and weeds 2. To identify primary & secondary tillage implementsa and fertilizers 3. Preparation of FYM, compost, green mnuring and vermicompost
2	AGRO 112	Agricultural Meteorology	1. To acquaint with different Meteorological Instruments and how to take the observations.
3	AGRO 113	Introductory Agriculture	1. To calculate the balance sheet of agriculture business
4	AGRO 124	Water management including micro irrigation	1. To determinate the moisture content in soil and know the stage of scheduling irrigarion. 2. To calculate the water requirement of different crops 3. To handle the drip and sprinkler irrigation systems
5	AGRO 235	Crop production I (Kharif crops)	1. Preparation of seed beds and irrigation layouts for kharif crops 2. To know the method of transplanting the rice crop 3. Efficient method of fertilize application
6	AGRO 236	Practical crop production I (kharif crops)	1. Practically cultivation practices of soybean crop
7	AGRO 247	Crop production II (Rabi crops)	1 Preparation of seed beds and irrigation layouts for kharif crops 2. To know the method of transplanting the rice crop 3. Efficient method of fertilize application
8	AGRO 248	Practical crop production II (Rabi crops)	1. Practically cultivation practices of wheat crop
9	AGRO 359	Weed management	1. To identification of weeds and their control

			2. Handling of herbicides. Spraying of herbicides and handling of different spraying equipments
10	AGRO 3610	Farming systems and sustainable agriculture	1. Preperation of cropping schemes for dryland and irrigation situation 2. Preparation of integrated farming system models for wet land and dryland
11	AGRO 3611	Organic and rainfed farming	1. Growing of vegetable crops organically. 2. Control of pest and diseases organically
1 2	RAWE 4712	Agronomy	1. To conduct demonstrations on new agronomical technology viz. Weed management, Biofertilizer, azolla, BGA, VAM application, 2. Organisation of Farmers Ralley to transfer new agriculture technology.
Department of Agril. Botany			
1	BOT-122	Principles of Genetics	1. To understand genetics of different plant characters for crop improvement
2	BOT-233	Principles of Plant Breeding	1. To acquaint flower biology and hybridization techniques of crops 2. To acquaint with Principles and methods for crop improvement.
3	BOT-234	Crop Physiology	1. To know the different physiological process of crops
4	BOT-245	Breeding of Field and Horticultural crops	1. To acquaint with Principles and methods for improvement in Field and Horticultural crops.
5	BOT-356	Principles of Plant Biotechnology	1. To acquaint with media preparation , inoculation and various techniques on different crops.
6	BOT-367	Principles of Seed Technology	1. To know the genetic purity of different crops 2. Seed production techniques of different crops 3. To know the different classes of seed.
Department of Agril. Economics			
1	ECON 121	Principles of Agricultural Economics	1. To acquaint with principles of Agricultural Economics 2. To acquaint with supply , demand and welfare economics
2	ECON 232	Production Economics and farm management	1. To acquaint with concepts of production economics 2. To acquaint with farm management

			and linear programming
3	ECON 243	Agricultural finance and cooperation	1. To acquaint with concepts of Agril. Finance 2. To acquaint with project appraisal, Agril. Credit and Agril. cooperation
4	ECON 354	Agricultural Marketing, Trade and Prices	1. To acquaint with concepts of Agri marketing 2. To acquaint with functions of marketing
5	ECON 365	Agri business Management	1. To acquaint with system of Agri business 2. To acquaint with Agrobased industries and guidelines for project preparation reports.
6	RAWE ECON 476	Agricultural Economics	2. To implement knowledge regarding identification and management of pests at host farmers field
7	AEL ENT 486	Commercial Sericulture	2. To acquaint with cost of cultivation of mulberry 3. To acquaint with project report for sericulture unit
8	AEL HORT 486	Commercial Vegetable Production	1. To acquaint with cost of cultivation of vegetables 2. To acquaint with project report for commercial vegetable unit
9	AEL PATH 486	Commercial Mushroom Production	1. To acquaint with cost of cultivation of mushroom 2. To acquaint with project report for mushroom unit
10	AEL AHDS 486	Commercial Broiler Production	1. To acquaint with cost of cultivation of broiler 2. To acquaint with project report for broiler unit
Department of Agril. Engg			
1	ENGG-121	Fundamentals of Soil & Water Conservation Engineering	1. To measure area & locate field boundaries 2. To prepare map 3. To find reduced levels of points 4. To calculate runoff quantities 5. To study runoff storage structures & erosion control measures 6. Design of farm pond
2	ENGG-232	Introduction to computer Application	1. Introduction to Computer 2. Operations skills in MS word, excel & power point 3. Skills in use of Internet
3	ENGG-353	Farm Power & Machinery	1. To identify parts of IC engine, tractor, systems, equipments 2. Engine Power calculations 3. To identify troubles & trouble

			shooting in tractor & equipments 4. To calculate draft, soil resistance, power requirement for farm operation, area covered
4	ENGG-364	Protected Cultivation & Post Harvest Technology	1. To identify tools & equipments used in greenhouse, seed processing 2. Irrigations systems for Green house 3. Design of Bag storage structure
5	RAWE ENT 475	Agril. Engineering	4. To implement knowledge regarding soil & water conservation, modern tools, equipments & machinery for farm operations on host farmers field
Department of Agril. Entomology			
1	ENT 231	Insect Morphology and Systematic	1. To identify insects 2. To preserve insects 3. To dissect different systems of insect 4. To identify different orders of insect on the basis of characters
2	ENT 242	Insect Ecology, Integrated Pest Management Including Beneficial Insects	1. To acquaint with different methods of insect-pest management 2. To acquaint with Apiculture, Sericulture and Lacculture
3	ENT 353	Crop Pests and Stored Grain Pests and Their Management	1. To identify damage caused by pests infesting field crops, horticultural crops and stored grains 2. To manage pests infesting field crops, horticultural crops and stored grains
4	ENT 364	Introductory Nematology	1. To acquaint with different PPNs, their damage and management
5	RAWE ENT 475	Crop Protection	2. To implement knowledge regarding identification and management of pests at host farmers field
6	AEL ENT 486	Commercial Sericulture	1. To acquaint with mulberry cultivation techniques 2. To rear mulberry silkworms for cocoon production
Department of AHDS			
1	ASDS-111	Livestock Production & Management	4. To know different livestock breeds 5. To acquaint the management practises of live stock 6. To know the feeding practices of animal 7. To know the economics of livestock farming 8. To maintain the animal at different climatic condition

2	ASDS-242	Livestock Breeds & Nutrition	1. To acquaint with different breeding policies 2. To improve the livestock through breeding strategies 3. To know balance ration for different animal 4. To know the feeding strategies for increasing livestock productivity
3	ASDS-353	Technology of Milk & Milk Products	1. To know the nutritional importance of different milk products 2. To learn the techniques for preparation of different milk products 3. To identify different adulterants in milk and milk products 4. To know the different milk processing techniques 5. To developed entrepreneurship through dairying
4	ASDS-364	Sheep & Goat Production	1. To know different breeds of sheep and goat 2. To acquaint the management practises of sheep and goat 3. To know the feeding practices of sheep and goat 4. To know the economics of sheep and goat farming 5. To developed entrepreneurship through sheep and goat farming
5	ASDS-475 (New) RAWE	Animal Science and Dairy Science	1. To observe, compare and implement knowledge regarding livestock rearing and techniques of milk and milk product production at host farmers field
6	AEL-ASDS-486	Commercial Broiler Production	1. To developed entrepreneurship through Commercial Broiler Production
Department of Extension Education			
1	EXTN 122	Dimensions of Agricultural Extension	1. To conduct village survey 2. To get information about Krishi vidnyan mandal 3. To know the functioning village gram panchayat 4. To know the conduct of PRA in village
2	EXTN 353	Extension methodologies for transfer of agril. technology	1. To identify the problems related to project proposals 2. To know the conduct of Method Demonstration 3. To the organization of Group discussion 4. To prepare Radio & Television

			script. 5. To prepare Leaflet, pamphlet, Folder 6. To Handle PAE , Camera,LCD etc
3	EXTN 364	Entrepreneurship development & communication skills.	1. To conduct market survey 2. To prepare Advertise & News 3. To prepare project proposal 4. To prepare PPT 5. To know about body posture, body language& eye contact 6. To conduct mock interview.
4	RAWE EXTN 475	Extension Education	1. To Conduct PRA 2. To identify Gap in production 3. To conduct Techno –Social survey of village & host farmer.
5	AEL EXTN 486	Commercial Sericulture	1. To conduct Techno –Social & economic survey of sericulture farmer. 2. To visit sericulture unit.
6	AEL EXTN 486	Commercial Broiler Production	1. To conduct Techno economic survey of poultry owners. 2. To visit commercial poultry units.
7	AEL EXTN 486	Vegetable Production	1. To conduct survey of vegetable growers 2. To visit shed net vegetable units
8	AEL EXTN 486	Mushroom production technology	1. To conduct survey of Mushroom Producers 2. To visit Mushroom production units
Department of Horticulture			
1	HORT-111	Production Technology of Fruit crops	1. To identify and use different tools and equipments used in cultivation of Horticultural crops 2. To develop skill in different plant propagation techniques like cutting, layering, budding and grafting. 3. To develop the skill of different operations in fruit crop cultivation like advance system of planting, irrigation, training, fertilizer application and use of PGR.
2	HORT-232	Production Technology of Vegetable and Flower crops	1. Identification of different vegetables & ornamental plants. 2. To develop skill of raising of seedlings of vegetable and seasonal flowers and transplanting. 3. To develop garden features and planting layout of different ornamental and kitchen gardens. 4. To develop skill in different

			intercultural operations in vegetable and flower crops like training, pruning, staking and earthing up, etc. 5. To demonstrate the skill of judging maturity, harvesting methods and post harvest operations like cleaning, grading, trimming, packing, etc. In flower and vegetable crops.
3	HORT-243	Production Technology of Spices, Aromatic, medicinal and plantation crops.	1. To identify different spices, Aromatic, medicinal and plantation crops. 2. To develop knowledge regarding processing and curing of spices, value addition of medicinal plants.
4	HORT-364	Post Harvest Technology of Fruits and Vegetable crops.	1. To develop skill to judge the maturity of different fruits and vegetable crops. 2. To develop skill in value addition by adopting different preservation techniques in fruits and vegetable crops like preparation of jam. Jelly, marmalade, cordials, ketchups, pickles, candy, etc.
5	RAWE HORT475 (N)		1. To develop skill through demonstration in different horticultural practices followed in cultivation of fruits, vegetables and flower crops. 2. To workout cost of cultivation and the B:C ratio through practicals in different horticultural crops grown on farmer's field.
	AEL HORT - 486	Commercial Vegetable Production.	1. To get practical experience on cultivation of commercial crops. 2. To develop the skill of entrepreneur in the field of vegetable production.
Department of Plant Pathology			
1	PATH-111	Introductory Plant Pathology	1. To acquaint with different Laboratory instruments used in Plant Pathology 2. To identify symptoms produced by fungi ,bacteria , Viruses and flowering parasite in different crops 3. To collect and preserve different disease infected samples 4. To prepare media for growth of fungi and isolation of fungi from

			infected disease sample.
2	MIBO-121	Agriculture Microbiology	1. To acquaint with handling of Microscope and its different parts 2. To prepare different media for growth of different bacteria. 3. To isolate bacteria from infected disease samples,rhizosphere and from root nodule. 4. To acquaint with different sterilization method
3	PATH-232	Principles of Plant Pathology	1. To acquaint with different group of fungicide and their use 2. To acquaint with different plant protection equipments and their maintenance 3. To acquaint with safe handling of fungicides
4	PATH-243	Diseases of Field Crops and Their Management	1. To identify different diseases of field crops. 2. To manage diseases caused by field crops .
5	PATH-354	Diseases of Horticultural Crops and Their Management	1. To identify different diseases of horticultural crops and vegetables 2. To manage diseases caused by horticultural crops and vegetables
6	RAWE PATH 475	Plant Pathology	4. To impart knowledge regarding identification and management of diseases on host farmers field
7	AEL PATH 486	Mushroom Production Technology	4. To acquaint with cultivation of mushroom 5. To acquaint with preparation of spawn
Department of SSAC			
1	SSAC-111	Introduction to Soil Science	1. To identify rocks and minerals 2. Soil Sampling 3. Soil Profile sampling 4. Soil and water analysis
2	SSAC-122	Soil Chemistry, Soil Fertility and Nutrients Management	2. Soil and fertilizes analysis 3. Fertilizer application as per STFR
3	SSAC-243	Manures , fertilizers and agrochemicals	1. Identification manures ,fertilizers and agrochemical 2. Identification of adulteration in fertilizers
4	SSAC-354	Biochemistry	1.
5	RAWE	Soil Science and	1. Vermicomposting

	SSAC-475	Agricultural Chemistry	2. Composting 3. Application of fertilizer 4. Soil Sampling
6	SSAC-111(New)	Fundamental of soil science	1 To identify rocks and minerals 2 Soil Sampling 3 Soil Profile sampling 4 Soil water analysis

b. PG degree programme

Sr. No.	**Course No.**	**Course Title**	**Skills learned through conduct of practical and hands-on-training**
Department of Agronomy			
	AGRON 501	Modern concepts in crop production	1. To aquatint with modern concepts in crop production like crop growth analysis, 2. To know the ideotypes of different crops 3. Prepare crop modelling for desired crop yield
	AGRON 502	Principles and practices of soil fertility and nutrient management	1. Estimation of NPKS in crop plants 2. Determinations of NPK and organic carbon from soil 3. Estimation of electrical conductivity, soil pH, nutrients in FYM, Vermicompost
	AGRON 503	Principles and practices of weed managemt	1. To identification of weeds and their control 2. Handling of herbicides. 3. Spraying of herbicides and handling of different spraying equipments
	AGRON 504	Principles and practices of water management	1. Measurement of soil water potential by using tensio meter and pressure plate membrane apparatus 2. To measure the water flow by using different devices 3. Determination of irrigation requirement
	AGRON 507	Agronomy of oilseed, fibre and sugar crops	1. Planning and layout of field experiments 2. Practically seed treatment of oilseeds, fibre and sugar crops 3. Working out growth indices i,e.

			LER, CGR, RGR,NAR,LAD
	AGRON 512	Dryland farming and watershed management	1. Estimation of moisture and aridity idex 2. Spraying of antitranspirants 3. Collection and interpretation of data for water balance equations, 4. Determination of water use efficiency
	AGRON 513	Principles and practices of organic farming	1. Preparations of compost and vermicompost 2. Application of biofertilizers for their efficient use. 3. To acquaint with the procedure of certification, labelling and accreditation for farm produce organically
	AGROnN 591	Master Seminar	1. To develop the skill of scientific presentation 2. Collect the information on seminar topic, their arrangement and presentation.
	AGRON 599		1. To conduxt research on organic fariming, weed management, fertilizer management, crop geometry, Cropping systems etc.
Department of Agril. Botany			
1	GP-501	Principles of Genetics	1.Utilization of genetics principles like Mendels laws, population genetics during crop improvement
2	GP-502	Principles of Cytogenetic	1.Uilization of cytogenetic skills like chromosome manipulation during wide crossing progrnmme for crop improvement
3	GP-503	Principles of Plant Breeding	1.Utilization of plant breeding principles and methods for crop improvement.
4	GP-504	Principles of Quantitative Genetics	1. Application of quantitative genetics approaches for evaluation of breeding materials.
5	GP-508	Cell Biology and Molecular Genetics	1.To know the role of cell organelles and molecules in crop improvement
6	GP-510	Breeding for Biotic and Abiotic Stress Resistance	1.Utilization of principles and methods for improvement of stress tolerance in crop plants.
	SST-501	Floral Biology, Seed Development and Maturation	1.To know the flower biology and hybridization techniques for crop improvement.
	SST-502	Principles of Seed Production	1.To know the genetic purity of different crops 2.Seed production techniques of different

			crops 3. To know the different classes of seed
	GP-515	Maintenance Breeding, Concepts of Variety Release and Seed Production.	Concepts of quality seed production and maintenance of parental lines , procedure of varietal development and release
Department of Agril. Economics			
1	AG.ECON 501	Microeconomic Theory and Applications	1. To acquaint with theory of production and costs 2. To acquaint with consumer behaviour, demand and consumer surplus
2	AG.ECON 502	Macroeconomics and Policy	1. To acquaint with consumption function, market equilibrium 2. To acquaint with General equilibrium theory and macroeconomics
3	AG.ECON 503	Evolution of Economic thought	1. To acquaint with history of economic thought 2. To acquaint with economic thought of independent India
4	AG.ECON 504	Agricultural Production Economics	1. To acquaint with factors of Production and cost functions
5	AG.ECON 505	Agricultural Marketing and Price Analysis	1. To acquaint with problems of Agril. Marketing 2. To acquaint with market integration, market research and price policy
6	AG.ECON 506	Research Methodology for Social Sciences	1. To acquaint with types of research, research design. 2. To acquaint with project proposals
7	AG.ECON 507	Econometrics	1. To acquaint with linear models 2. To acquaint with problems and divisions of Econometrics
8	AG.ECON 508	Linear Programming	1. To acquaint with methods of LP 2. To acquaint with profit maximisation and cost minimisation
9	AG.ECON 509	Agricultural Finance and Project Management	1. To acquaint with financial institutions and credit flow to rural sector 2. To acquaint with credit proposals
10	AG.ECON 591	Master's Seminar	1. To acquaint with new and current topics in the field of Agricultural Economics
	AG.ECON 599	Master's Research	2. To conduct research on production, processing, marketing, banking etc
Department of Agril. Engg			
1	AG-ECON-	Computer Applications to	1. Skills in data analysis for research 2. Establishment of network

	517	Agril. Economics	
Department of Agril. Entomology			
1	ENT 501	Insect Morphology	1. To identify different morphological parts of insect
2	ENT 502	Insect Anatomy, Physiology and Nutrition	1. To dissect different systems of insect
3	ENT 507	Biological Control of Crop Pests and Weeds	1. To identify different natural enemies of insect-pests and weeds 2. To mass multiply natural enemies
4	ENT 510	Principles of Integrated Pest Management	1. To acquaint with concepts of Integrated Pest Management
5	ENT 511	Pests of Field Crops	1. To identify damage caused by pests infesting field crops 2. To manage pests infesting field crops
6	ENT 504	Classification of Insects	1. To identify different orders of insect on the basis of characters
	ENT 505	Insect Ecology	1. To acquaint with effect of biotic and abiotic factors on population dynamics and its use in insect-pest management
	ENT 508	Toxicology of Insecticides	1. To acquaint with bioassay techniques 2. To acquaint with concepts of toxicology 3. To acquaint with residue analysis techniques 4. To acquaint with IRM techniques
	ENT 512	Pests of Horticultural and Plantation Crops	1. To identify damage caused by pests infesting horticultural crops 2. To manage pests infesting horticultural crops
	ENT 518	Techniques in Plant Protection	1. To acquaint with different plant protection equipments and their maintenance 2. To acquaint with safe handling of pesticides
	ENT 599	Master Research	1. To conduct research on bioassay, field-life tables, biology, IPM, insecticide resistance, sericulture, apiculture, etc
Department of AHDS			
1	AH-501	Livestock Production & Management	1. To acquaint the management practises of livestock 2. To develop sustainable livestock production 3. To maintain the animal at different

			climatic condition 4. To developed entrepreneurship through livestock farming
2	AH-502	Principles of Animal Breeding	1. To acquaint with different breeding policies 2. To improve the livestock through breeding strategies
3	AH-503	Principles of Animal Nutrition	1. To study the importance of nutrients in animal nutrition 2. To develop the balance ration for different animal 3. To study the digestion and absorption of different nutrients for different animals
4	AH-504	Animal Behaviour and Integrated Livestock Farming	1. To know the behaviour of different animals 2. To study the sexual behaviour of animals 3. To increase the livestock production through integrated livestock farming
5	AH-505	Physiology of Lactation	1. To study the mammary glands of different livestock 2. To know the role of hormones in mammary gland development and lactation
6	AH-506	Poultry Production	1. To study the importance of poultry production 2. To developed entrepreneurship through poultry farming
	AH-507	Ruminant Nutrition	1. To know the nutrients requirement for different physiological/categories of animals 2. To formulate the least cost ration for different categories of animals 3. To increase the production of animal by using different bypass nutrient technologies
	AH-508	Analytical techniques in Animal Nutrition	1. To evaluate the nutritive values of different feeds and fodder 2. To identify by the anti-nutritional factors present in feed and fodder
	AH-509	Sheep and Goat Production and Management	1. To know different breeds of sheep and goat 2. To acquaint the management practises of sheep and goat 3. To know the feeding practices of sheep and goat 4. To know the economics of sheep and goat farming 5. To developed entrepreneurship through

			sheep and goat farming
	AH-510	Population and Quantitative Genetics	1. To know the quantitative characters of farm animals 2. To improve the genetic potential of farm animal by appling laws of population genetics
	AH-591	Master Seminar	1. To develop the skill of presentation 2. To acquire the knowledge of emerging issues and techniques in livestock sector
	AH-599	Master Research	1. To conduct research on characterisation and conservation of local breeds, management practices adopted by different breeds, improvement of poultry production through feed supplements and hers, present status of local animal drought power and evaluation of draftability of local breeds
	DSC-501	Market Milk Process Technology	1. To study the dairy industry and its status 2. To study the market potential for milk and milk products 3. To study the procurement of milk
	DSC-502	Dairy Process and Product Technology	1. To learn the techniques of processing for preparation of different milk products 2. To know the scientific knowhow regarding processing of milk and milk products 3. To study the impact of processing on milk and milk products
	DSC-503	Traditional and Value Added Dairy Products	1. To know the indigenous method for milk product preparation 2. To improve the indigenous method of milk products preparation 3. To improve the traditional milk product through value addition e.g. functionality development
	DSC-504	Chemistry of Milk and Milk Products	1. To study different constituents of milk 2. To study the interaction effect of milk constituents during processing 3. To understand the different changes occurs in milk and milk products during processing 4. To develop the milk products by acquiring knowledge
	DSC-505	Physico-Chemical Aspects of Milk Constituents and Milk Products	1. To study detail physico-chemical properties of milk constituents of milk 2. To understand the physic-chemical changes occurs in milk and milk products during processing

	DSC-506	Microbiology of Milk and Milk Products	1. To study the different microbes present in milk and milk products 2. To study method of milk preservation 3. To study the use of microbes for the development of milk products
	DSC-507	Dairy Starter and Fermented Milks	1. To study the different starter used in dairy industry 2. To develop useful starter culture for fermented milk products
	DSC-508	Technology of Milk By-Products	1. To study the importance of milk by-products 2. To develop the techniques for utilization of milk by products 3. To minimise the milk production and processing cost by using milk by-products
	DSC-509	Packaging for Milk and Milk Products	1. To study the different packaging techniques and packaging material 2. To enhance the functionality and self life through packaging techniques
	DSC-510	Quality Control and Sensory Evaluation of Milk Products	1. To acquaint the different quality standards applicable for milk products 2. To prepared the milk products by adopting quality control measures for exporting indigenous milk products
	DSC-591	Master Seminar	3. To develop the skill of presentation 4. To acquire the knowledge of emerging issues and techniques in dairy sector
	DSC-599	Master Research	2. To conduct research on development of dairy foods, processing technology and application of developing science for the betterment of dairy sector
Department of Extension Education			
1	EXT 501	Development perspectives of extension Education	1. To visit ongoing Rural development programmes 2. To visit KVK To visit NGO
2	EXT 502	Development communication & information management	1. To identify the problems related communication 2. To prepare literature for mass media 3. To prepare news stories, articles
3	EXT 503	Diffusion and adoption of innovation	1. To prepare PPT 2. Identify adopter categories 3. To study the case studies in adoption process
4	EXT 504	Research methods in behavioural science	1. To select research problem 2. To identify the variables 3. To prepare interview schedule

			4. To conduct survey for collection of data
5	EXT 505	E-Extension	1. To know ICT projects 2. To identify ICT tools 3. To handle ICT tools
6	EXT 506	Entrepreneurship development & management in extension	1. To conduct market survey 2. To study successful entrepreneur 3. To identify leader
7	EXT 507	Human resource development	1. To visit training organizations 2. To know training methods 3. To prepare reports
Department of Horticulture			
1	FSC-501	Tropical and Dry land Fruit Production	3. To develop skill horticultural practices followed in cultivation of tropical and dry land fruit crops
2	FSC-502	Sub-tropical and Temperate Fruit Production	1. To develop skill horticultural practices followed in cultivation of sub-tropical and temperate fruit crops production
3	FSC-503	Biodiversity and Conservation of Fruit Crops	1. To develop skill of conservation of biodiversity utilized for fruit crop improvement.
4	FSC-506	Breeding of Fruit Crops	1. To develop the skill of breeding of fruit crops.
5	FSC-507	Post Harvest Technology of Fruit Crops	1. To develop the skill of post harvest management in fruit crops.
	FSC-508	Growth and Development of Horticulture Crops	1. To understand different growth stages of plants and its importance in production. 2. To develop the skill of training and pruning of horticultural crops. 3. To develop the skills to improve the growth and quality of horticultural crops.
	FSC-510	Organic Horticulture	1. To develop the skills and knowledge to improve the production of horticultural crops by using organic inputs. 2. To understand the importance of organically grown crops. 3. To grow the crops free from chemicals and pesticides residues.
	FSC-591	Master's seminar	1. To develop the skill of scientific presentations. 2. To develop stage courage and the skill of disseminating technology.

	VSC-501	Production Technology of Cool Season Vegetable Crops	1. To develop the skill of production of cool season vegetable crops.
	VSC-502	Production Technology of Warm Season Vegetable Crops.	1. To develop the skill of production of warm season vegetable crops.
	VSC-503	Breeding of Vegetable Crops.	1. To develop the skill of breeding of vegetable crops.
	VSC-504	Growth and Development of Vegetable Crops.	1. To develop the skills and techniques of training and stacking of vegetable crops. 2. To develop the skills for improve the growth and quality of vegetable crops
	VSC-505	Seed production Technology of Vegetable Crops	1. To develop the skill and knowledge about seed production technology in vegetable crops.
	VSC-507	Production Technology of Underexploited Vegetable Crops	1. To develop the skill of production and marketing of underexploited vegetable crops. 2. To develop confidence in production of unexploited vegetables.
	VSC-509	Fundamentals of Processing of Vegetable	1. To learn the skill and techniques of processing in vegetable crops.
	VSC-508	Organic Vegetable Production Technology	1. To develop the skills to produce the vegetable crops by using organic inputs. 2. To understand the nutritative values and benefits of consuming organically grown vegetable crops. 3. To grow eco-friendly vegetable crops
	VSC-591	Master seminar	1. To develop the skill of scientific presentations. 2. To develop stage courage and the skill of disseminating technology.
Department of Plant Pathology			
1	PL.PATH 501	Mycology	1. To identify morphology of fungi
2	PL.PATH 502	Plant Virology	1. To acquaint with modes of transmission , purification and identification of viruses
3	PL.PATH 503	Plant Bacteriology	1. To acquaint with morphology, isolation, identification and staining techniques of bacteria.

4	PL.PATH 506	Principles of Plant Disease Management	1 To acquaint with different group of fungicides and *In- vitro* and *In-vivo* evaluation of fungicide 1. To acquaint with different plant protection equipments and their maintenance 2. To acquaint with safe handling of fungicides
5	PL.PATH 505	Techniques in Plant Pathology	1. To acquaint with different plant protection equipments and their maintenance 2. To acquaint with safe handling of pesticides 3. To identify different orders of insect on the basis of their characteristics.
	PL.PATH 599	Master Research	1. To conduct research on Isolation, Identification, Pathogenicity of different fungi, *In- vitro* and *In-vivo* evaluation of fungicide, bioagents , plant extract, Seed Pathology, Phytoplasma, Management of viruses.
Department of SSAC			
1	SOILS-501	Soil Physics	1. To analysis of physical properties of soil.
2	SOILS-503	Soil Chemistry	1. To analysis of chemical properties of soil.
3	SOILS-504	Soil Mineralogy, Genesis, Classification and Survey	1. To identify rocks and minerals 2. Soil Survey and land use planning 3. To preparation base map for soil survey 4. To preparation of soil map
4	BIOCHEM-501	Basic Biochemistry	
5	SOILS-510	Remote Sensing and GIS Techniques for Soil, Water and Crop Studies	3. Identification object by using satellite data 2 To preparation base map for soil survey by using satellite data 3 To preparation of soil map by using GIS
6	PGS-504	Basic Concepts in Laboratory Techniques	2. To familiar with high cost laboratory equipments with maintenance.
	SOILS-	Soil Fertility and	

	502	Fertilizer Use	
	SOILS-506	Soil Biology and Biochemistry	
	SOILS-509	Soil, Water and Air Pollution	
	SOILS-511	Analytical Techniques and Instrumental Methods in Soil and Plant Analysis	1 To familiar with labortary equipments 2 To analysis of soil water and plant analysis
	SOILS-513	Management of Problem Soils and Waters	1 To understand the constrains and potential of soil and there management for rehabilitation
	SOILS-591	Seminar	1 To familiar with preparation PPT and presentation
	SOILS-599	Research	2 To familiar with conducting field research trial 3 To familiar with soil analysis 4 To familiar with soil survey and land use planing

6.4.6 Supervision of students in PG/Ph.D. programme at Dept. of Agril. Entomology

Sr. No.	Name of Faculty	Designation	No. of students supervised in PG programme				
			2013-14	2014-15	2015-16	2016-17	2017-18
Department of Agronomy							
1	Dr. P.N. Karanjikar	Associate Professor CoA, Ambejogai	01	01	01	01	01
2	Prof. N.K.Kalegore	Associate Professor,	04	03	04	02*	04*
3	Dr. V.P. Suryawanshi	Assistant Professor Extension Agronomist,	04	04	04	01	03

		REEC, Latur*					
4	Prof B.N. Aglave	Associate Professor, CoAgri biotech, Latur	02	02	-	-	02
5	Prof. K.T. Jadhav	Associate Professor	01	-	-	2	-
6	Prof. A. K. Ghotmukale	Assistant Professor, ORS, Latur	-	01	02	02	2
7	Prof. A.V. Gutte	Extension Agronomist, REEC, Ambajogai	-	01	-	-	-
8	Dr. S.P. Kausalye	Assistant Professor, CoA, Osmanabad	-	-	01	01	-
Department of Agril. Botany							
1	Dr. K.R. Kamble	Professor of Botany	-	03	02	--	--
2	Dr. M.K.Ghodke	ORS, Latur*	02*	01*	02*	03*	03*
2	Dr. R.C. Mahajan	Breeder, ORS, Latur	02	02	--	-	
3	Dr. V.N..Toprope	Assoc. Prof. of Entomology, COA, Osmanabad***	--	01***	02	03	03
4	Dr. P.B.Wadikar	Assistant Professor	02	--	--	02	03
5	Mr. S.P.Pole	Assistant Professor	02	02	02	--	-
6	Dr M.V.Dhupee	Assitt. Breeder	02	02	01	01	01
7	Dr. A.M.Misal	Jr.Breeder ORS, Latur**	01**	--	02**	01**	01**
8	Mr.Rathod S.T.	Assistant Professor , COA, Ambajogai****	--	01****	01****	01****	01****
Department of Agril. Economics							
1	Dr. B.R.Pawar	Professor	03	--	--	--	--
2	Dr. R.B. Changule	Assoc. Prof.	03	07	04	--	--
3	Dr. K.V. Deshmukh	HOD, Parbhani	--	--	--	02	02

4	Dr. D.S. Perke	Professor, COA, Parbhani	--	--	--	03	01
5	Dr. S.R. Nagargoje	Associate Professor, COA, Parbhani	--	--	--	02	--
6	Dr. S.S. More	Assistant Professor, COA, Parbhani	--	--	--	--	02
7	Dr. P.V. Kasle	Principal, Agriculture Technical School, Latur	--	--	01	01	--
8	Shri. S.H. Kamble **	Assoc. Prof., COA, Latur	--	--	--	02	04
9	Dr. R.D. Shelke	Asstt. Prof., COA, Latur	04	08	04	---	01
Department of Agril. Engg							
1	Dr. R.V. Jaybhaye*	Associate Professor	-/01	-/03	01/04	01/03	01/06
2	Prof. B.B. Badgire	Assistant Prof.	-	-	01/02	-/03	-
3	Prof. M.M. Bhogaonkar	Assistant Prof. of Mathematics	03	03	03	03	02
Department of Agril. Entomology							
1	Dr. S.S. Shetgar	Professor	04	03	02	02	00
2	Dr. V.K. Bhamare	Assoc. Prof.	04	04	04	05	06
3	Dr. P.K. Nalwandikar	Assoc. Prof. COA, Ambajogai*	03	04	02*	01*	02*
4	Dr. D.S. Mutkule	Jr. Entomologist, ORS, Latur**	-	-	02**	03**	03**
Department of AHDS							
1	Dr. B. M. Thombre	Head, VNMKV, Parbhani	--	01	--	--	--
2	Dr. G. K. Londhe	Associate Professor DOR., VNMKV, Parbhani	--	--	02	--	--
3	Prof. B. R. Bhise*	Associate Professor	02	--	--	--	--
4	Dr. D. S. Chavan	Sr. Scientist CCBP,VNMKV, Parbhani	--	--	--	01	02

5	Dr. A. T. Shinde	Assistant Professor, COA, Parbhani	--	--	--	--	01
6	Prof. Chavan K.R.	Assistant Professor, COA, Osmanabad	--	02	01	02	01
7	Dr. P. V. Padghan	Assistant Professor, COA., Latur	03	02	03	03	03
8	Dr. R. A. Patil	Assistant Professor, COA., Latur	02	03	04	03	03
10	Prof. B. C. Andhare	Assistant Professor COA, Badanapur	--	--	--	02	01
12	Prof. Kamble N.S.	Assistant Professor, COA, Ambajogai	01	--	--	--	--
13	Prof. D.G. More	Assistant Professor, COA., Latur	01	--	--	--	01
Department of Extension Education							
1	Dr. V.B. Kamble	Professor	06	04	--	03	04
2	Dr. J.M. Deshmukh	Assistant. Prof.	-	04	04	04	04
3	Dr. D.D. Suradkar	Assistant. Prof.	06	04	06	03	04
4	Dr. M.I. Khalge	Assistant. Prof.	-	-	02*	01*	--
5	Dr. S. G. Puri	Assistant. Prof.	--	--	--	01**	--
Department of Horticulture							
1	Dr. A.S. Kadam	Professor	04	-	03	03	04
2	Dr. V.S. Jagtap	Associate. Prof.	04	03	05	04	04
3	Dr. M.B. Patil**	Associate. Prof.	-	-	-	01	-
3	Dr. R.M. Dheware	Assistant. Prof.	-	-	02	03	03
4	Dr. G.R. Munde*	Assistant. Prof.	-	03	04	02	-
5	Dr. S.G. Patil**	Assistant. Prof.	-	-	-	01	-
Department of Plant Pathology							

1	Dr. A. P. Suryawanshi	Professor	--	--	--	03	03
2	Dr. S .J. Magar	Assistant Prof.	01	02	02	02	03
3	Dr. M. S. Dadke	Assistant Prof., SRS, Parbhani*	01	02	--	02*	02*
4	Dr. B .P Dandnaik	Assoc. Prof. COA, Osamanabad**	02	03	03**	03**	02**
5	Dr. C .V. Ambadkar	Assistant Prof. COA, Osmanabad***	01***	02***	02***	02***	02***
6	Dr. S .P Shirsikar	Assoc. Prof. COA, Ambajogai****	01	-	01****	-	-
7	Dr. K .D. Navgire	Assoc. Prof., COA, Parbhani*****	02	01*****	-	-	-
8	Prof. T .R. Mogle	Assoc. Prof. COA, Osmanabad******	01******	-	-	-	-
Department of SSAC							
1	Dr. B.S. Indulkar	Professor			1	2	5
2	Dr. P.H. Vaidya	Assoc. Prof.	2	2	3	5	6
3	Shri. P.B. Adsul	Assistant. Prof.	2	2	2	-	-
4	Miss. B.R. Gajbhiye	Assistant. Prof.	3	3	2	4	-
5	Shri A.N. Puri	Assistant. Prof.	1	1	1	-	-
6	Dr. V.G Takankhar	Assoc. Prof. COA, Ambajogai	-	1	2	1	02
7	Dr. A.L. Dhamak	Assoc. Prof. COA, Ambajogai	1	-	-	-	-
8	Shri. S.S. Galande	Assistant. Prof. COA, Ambajogai	1	1	-	-	-

6.4.7 Feedback of stakeholders (Students, parents, industries, employers, farmers etc.)

a. Students feedback

b. Parents feedback

c. Industries feedback

d. Employer feedback

e. Farmers feedback

6.4.8. Student intake and attrition in the programme for last five years

a. UG degree programme

Sr. No.	Name of degree programme	Actual student admitted in last five years					Attrition (%)				
		2013-14	2014-15	2015-16	2016-17	2017-18	2017-18	2014-15	2015-16	2016-17	2017-18
1	B.Sc. (Agri.)										

b. PG degree programme

Sr. No.	Name of degree programme with discipline	Actual student admitted in last five years					Attrition (%)				
		2013-14	2014-15	2015-16	2016-17	2017-18	2013-14	2014-15	2015-16	2016-17	2017-18
1	M.Sc. (Agri.) in Entomology	11	11	13	12	12					

6.4.9. ICT Application in Curricula Delivery

a. UG degree programme

Sr. No.	Name of the Department	Course delivered through ICT tool	Details of ICT tools used for curricula delivery
	Agronomy	AGRO-111, AGRO-112, AGRO-113, AGRO-124, AGRO-235, AGRO-236, AGRO-247, AGRO-248, AGRO-359, AGRO-3610, and AGRO-3611	Online ICAR e-courses, PPT presentations, etc
	Agril. Botany	BOT 111,BOT 122,BOT 233,BOT 234, BOT 245, BOT 356, BOT 367	Online ICAR e-courses, PPT presentations, etc
	Agricultural Economics	ECON-121, ECON-232, ECON-243, ECON-354 and ECON 365	Online ICAR e-courses, PPT presentations, etc
	Agricultural Engineering	ENGG -121, ENGG-232, ENGG -353 and ENGG -364	Online ICAR e-courses, PPT presentations, etc

	Agril. Entomology	ENT-231, ENT-242, ENT-353 and ENT-364	Online ICAR e-courses, PPT presentations, etc
	Animal Husbandry and Dairy Science	ASDS-111, ASDS-242, ASDS-353, ASDS- 364	Online ICAR e-courses, PPT presentations, etc
	Extension Education	EXTN111,EXTN122, EXTN353 EXTN 356,	PPT presentations, etc
	Horticulture	HORT-111 (N),HORT-232, HORT-243, HORT-364, RAWE HORT475 (N), AEL HORT -486	Online ICAR e-courses, PPT presentations, etc
	Plant Pathology	PATH-111, PATH-232, MIBO-121 , PATH-243 and PATH-354	Online ICAR e-courses, PPT presentations, etc
	Department of Soil Science and Agricultural Chemistry	SSAC-111, SSAC-122, SSAC-243, SSAC-111(New)	Online ICAR e-courses, PPT presentations, etc

b. PG degree programme

Sr. No.	**Name of the Department**	**Course delivered through ICT tool**	**Details of ICT tools used for curricula delivery**
	Agronomy	AGRON 501. AGRON 502, AGRON 503, AGRON 504, AGRON 507, AGRON 5012, AGRON 5013, AGRON 591	Online ICAR e-courses, PPT presentations, etc
	Agril. Botany	GP 501, GP 502, GP 503,GP 504, GP 508, GP 510, GP 515, SST 501 and SST 503	Online ICAR e-courses, PPT presentations, etc
	Agricultural Economics	AG.ECON 501, AG.ECON 502, AG.ECON 503, AG.ECON 504, AG.ECON 505, AG.ECON 506, AG.ECON 507, AG.ECON 508, AG.ECON 509	Online ICAR e-courses, PPT presentations, etc
	Agricultural Engineering	AG-ECON-517	Online ICAR e-courses, PPT presentations, etc
	Agril. Entomology	ENT-501, ENT-502, ENT-504, ENT-505, ENT-507, ENT-508, ENT-511, ENT-512 and ENT-518	Online ICAR e-courses, PPT presentations, etc
	Animal Husbandry	AH-501, AH-502, AH-503, AH-504, AH-505, AH-506, AH-507, AH-508, AH-509, AH-510, AH-591& AH-599	Online ICAR e-courses, PPT presentations, etc
	Dairy Science	DSC-501, DSC-502, DSC-	Online ICAR e-courses, PPT

		503, DSC-504, DSC-505, DSC-506, DSC-507, DSC-508, DSC-509, DSC-510, DSC-591 & DSC-599	presentations, etc
	Extension Education	EXT 501, EXT 502, EXT 503, EXT 504, EXT 505, EXT 506, EXT 507	PPT presentations, etc
	Horticulture	**Fruit Science** FSC-501**,** FSC-502**,** FSC-503**,** FSC-506**,** FSC-507**,** FSC-508**,** FSC-510**,** FSC-591. **Vegetable Science** VSC-501, VSC-502, VSC-503, VSC-504, VSC-505, VSC-507, VSC-508, VSC-509, VSC-591.	Online ICAR e-courses, PPT presentations, etc
	Plant Pathology	PL.PATH-501, PL.PATH-502, PL.PATH-503, PL.PATH-504, PL.PATH-506, PL.PATH-510	Online ICAR e-courses, PPT presentations, etc
	Department of Soil Science and Agricultural Chemistry	SOILS 504, SOILS-510 ,SOILS-509 SOILS-513	Online ICAR e-courses, PPT presentations, etc

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the Dean ..... hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

6.5. Self Study Report for the Colleges

6.5.1. College Administration

6.5.1.1. College Dean's Office Establishment

6.5.1.2. Monitoring Mechanism for Quality Education (on-line)

6.5.1.3 **CC/Board of Studies**

The Board of Studies were conducted at University level in Department of Agril. Entomology, VNMKV, Parbhani. The details of BoS conducted during last five years are as summarised below.

Sr. No.	Academic Year	Details of Board of Studies	Major Recommendations	Reference
1	**2013-14**	56th Board of Studies, Dept. of Entomology, VNMKV, Parbhani Dt.11-06-2013	1. Student's Advisory Committee and Course Curricula/Plan Work for PG students admitted in 2012-13 were approved. 2. Outline of Research of PG students admitted in 2012-13 were presented and approved.	GZE/146/13 Dt.13-06-2013 & GZE/146/13 Dt.13-06-2013
2	**2014-15**	57th Board of Studies, Dept. of Entomology, VNMKV, Parbhani Dt.05-06-2014	1. Student's Advisory Committee and Course Curricula/Plan Work for PG students admitted in 2013-14 were approved. 2. Outline of Research of PG students admitted in 2013-14 were presented and approved.	GZE/87/14 Dt.26-05-2014
		58th Board of Studies, Dept. of Entomology, VNMKV, Parbhani Dt.20-05-2015		GZE/80/15 Dt.14-05-2015 GZE/262/15 Dt.23-07-2015
3	**2015-16**	59th Board of Studies, Dept. of Entomology, VNMKV, Parbhani Dt.12-02-2016	1. Student's Advisory Committee and Course Curricula/Plan Work for PG students admitted in 2014-15 were approved. 2. Outline of Research of PG students admitted in	GZE/620/16 Dt.27-01-2016 & GZE/742/16 Dt.01-04-2016

			2014-15 were presented and approved.	
4	**2016-17**	60th Board of Studies, Dept. of Entomology, VNMKV, Parbhani Dt.08-06-2016	1. Student's Advisory Committee and Course Curricula/Plan Work for PG students admitted in 2015-16 were approved. 2. Outline of Research of PG students admitted in 2015-16 were presented and approved.	GZE/95/16 Dt.27-05-2016 & GZE/236/16 Dt.25-07-2016
		61st Board of Studies, Dept. of Entomology, VNMKV, Parbhani Dt.22.02.2017		GZE/806/16 Dt.14-02-2017
5	**2017-18**	62nd Board of Studies, Dept. of Entomology, VNMKV, Parbhani Dt.28.06.2017	1. Student's Advisory Committee and Course Curricula/Plan Work for PG students admitted in 2016-17 were approved. 2. Outline of Research of PG students admitted in 2016-17 were presented and approved. 3. Teaching Schedule and Lesson plan for UG courses (As per V Dean's Committee) were presented and approved.	GZE/229/17 Dt.21-06-2017

6.5.1.4. Anti Ragging Cell

6.5.1.5. Biological waste disposal facility

6.5.1.6. Institutional Ethics Committee for Experiment on Animals

6.5.1.7. Committee for Prevention of Sexual Harassment of Women at Work Places

6.5.2. Faculty

6.5.2.1. Faculty Strength (at Department of Agril. Entomology)

Sr. No.	Academic Year	Designation	Sanctioned position	Faculty in position	Vacant position
1	2013-14	Professor	01	00	01
		Associate Professor	01	01	00
		Assistant Professor	03	02	01
2	2014-15	Professor	01	00	01
		Associate Professor	01	01	00
		Assistant Professor	03	01	02
3	2015-16	Professor	01	00	01
		Associate Professor	01	01	00
		Assistant Professor	03	02	01
4	2016-17	Professor	01	01	00
		Associate Professor	01	01	00
		Assistant Professor	03	01	02
5	2017-18	Professor	01	01	00
		Associate Professor	01	01	00

		Assistant Professor	03	01	02

6.5.2.2 Faculty Profile

Sr. No.	Name of the Department	Professor	Associate Professor	Assistant Professor	Remarks*
1	**Department of Agril. Entomology**	01	01	03	Partially fulfil the requirement

***Mention whether present profile is sufficient to meet the academic requirement of the College**

6.5.2.3 CREDENTIAL OF THE FACULTY

Sr. No.	Points	Name of the faculty				
		Dr. S.S. Shetgar	**Dr. V.K. Bhamare**	**Dr. P.K. Nalwandikar**	**Dr. D.S. Mutkule**	**Dr. R.S. Jadhav**
1	**Designation**	Professor of Entomology	Assoc. Prof. of Entomology	Assoc. Prof. of Entomology	Jr. Entomology	Asstt. Prof. of Entomology
2	**Highest Qualification**	Ph.D. (Agri.)	Ph.D. (Agri.)	Ph.D. (Agri.)	Ph.D. (Agri.)	Ph.D. (Agri.)
3	**Work experience in the field**	32	10	17	13	03
4	**Professional licensure & certifications**	Life members of ISE, IBCA	Life members of ISE, IBCA, CRDA, ISCI, APPS, PKVRJ	Life members of ISE	Life members of ISOR	-
5	**Honours & awards**	ICAR Best Teacher's Award:2013	Best Oral /Poster Presentation 2014-16	-	-	-
6	**Trainings attended**	06	10	02	04	01
7	**Conferences attended**	05	11	02	08	05
8	**Students guided**	30	14	20	03	-
9	**Res. papers pub.**	85	50	45	20	05
10	**Abstract pub.**	30	42	12	30	05
11	**Books pub.**	-	01	-	01	01
12	**Chapter's pub.**	-	02	01	02	-
13	**Popular articles pub.**	10	28	10	05	05
14	**ICT tools developed**	05	05	05	05	-
15	**Project handled**	-	02	-	03	-
16	**Variety released**	-	01	05	02	-
17	**Special attainments**	Identified aphid resistant lines of safflower Identified jassid resistant lines if groundnut	Recorded new parasitoids *Aenasius bambawalei* Hayat and *Promuscidea unfasciativentris* GirauIt parasitising Cotton MealyBugs, *Phenacoccus solenopsis* Tinsley during 2008	-	IPM module developed for groundnut and sunflower	-

6.5.2.3 TECHNICAL AND SUPPORTING STAFF

Sr. No.	Name of the Department	Technical staff	Supporting staff	Farm staff	Whether the College has appointed (in place) sufficient technical/laboratory/ farm staff to cater the need of practical and field experiments
1.	Department of Agril. Entomology	01	-	-	

6.5.3. Learning resources

6.5.3.1 College Library (digital)

6.5.3.2. Laboratories, Instructional farm, Workshops, Dairy Plant, Veterinary Clinic, Hatchery, Ponds etc.

1. Laboratory fascilities available in the college to conduct practicals /hands-on trainings

Sr. No.	Name of Department	Name of laboratory	Number	Space	Speciality
1	Dept. of Agril. Entomology	UG Laboratory	01	16.64 m x 7.49 m	Utilized for conducting UG practicals
		Biological Control Laboratory	01	16.98 m x 7.92 m	Utilized for conducting practicals on Biological control
		PG Laboratory	01	16.79 m x 7.92 m	Utilized for conducting UG practicals

2. Instructional farm facilities available in the college to conduct practicals /hands-on Trainings

Sr. No.	Name of Department	Name of Instructional farm	Number	Space	Speciality
1	Dept. of Agril. Entomology	UG Instructional farm	01	0.5 ha	Used for conducting UG practicals
		Mulberry plantation	01	1 ha	Used for conducting ELP on Commercial Sericulture
		PG Instructional-cum research farm	01	1.5 ha	Used for conducting PG practicals and research

3. Workshop facilities available in the college to conduct practicals /hands-on Trainings

Sr. No.	Name of Department	Name of workshop	Number	Space	Speciality

4. Dairy plant facility available in the college to conduct practicals /hands-on Trainings

Sr. No.	Name of Department	Name of Dairy	Number	Space	Speciality

5. Farm ponds facility available in the college to conduct practicals /hands-on Trainings

Sr. No.	Name of Department	Name of Dairy	Number	Space	Speciality

6.5.3.3. Student READY/ In-Plant Training / Internship / Experiential Learning Programmes

a. Implementation of RAWE Programme

Sr. No.	Academic Year	Name of adopted village	No. of student	Remark
1	2013-14			

c. Implementation of Experiential Learning Programmes Programme

Sr. No.	Academic Year	Name of ELP	No. of student	Outcome
1	2013-14			

6.5.3.4. Curricula Delivery Through IT (smart class rooms/interactive board etc.)

Sr. No.	Name of the Department	No. of class rooms upgraded as smart class rooms	Remark
1	Agril. Entomology		

Sr. No.	Name of farm facility	Space	Remark
Department of Agronomy			
Department of Agril. Botany			
Department of Agril. Economics			
Department of Agril. Engg			
Department of Agril. Entomology			
Department of AHDS			
Department of Extension Education			
Department of Horticulture			
Department of Plant Pathology			
Department of SSAC			