





National Agricultural Education Accreditation Board Indian Council of Agricultural Research, New Delhi

## **SELF STUDY REPORT** (2018-2023)

Submitted to



**College of Agriculture, Latur** Vasantrao Naik Marathwada Krishi Vidyapeeth Parbhani - 431402 (MS) INDIA



2018-19 to 2022-23





Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani <mark>I</mark> College of Agriculture, Latur **Self Study Report** *for* **Accreditation 2018-2023** 

### PREFACE

The College of Agriculture, Latur, was established in 1987 with the vision and mission of imparting intensive training in various aspects of agricultural technology to undergraduate and postgraduate students. The vision is to be one of the foremost and premier colleges of quality education, learning, research, and development that provide diversified and value-based quality education and innovative opportunities for students to become successful entrepreneurs. Over the last three decades, the college has created academic stability and flexibility to meet the challenges of a changing world. Students of the College of Agriculture, Latur, have ample facilities and opportunities in actual farm practicals with regular courses. The faculties use the latest teaching and learning techniques very effectively in their lectures and seminars. An emphasis is given to the academic growth and development of the faculty as well. The dedicated faculties impart high-quality education by providing the most innovative teaching and learning practices to develop intellectual abilities imbibed with social, moral, cultural and ethical values.

Emphasis is also given to developing strong relationships with agro-based industries to impart knowledge through a series of lectures and campus interviews to prepare the students to compete and succeed in the most demanding current global requirements. Several supportive services augment the core teaching, learning, and evaluation process through a well-stocked library, computer labs with state-of-the-art technology, and licensed software. The approach to college is a blend of academics, co-curricular and extracurricular activities. While the academic teaching and learning process enriches today's youth to acquire the attitude and skills to excel on the job, the co-curricular and extracurricular activities inspire the students to develop the right attitude and acquire positive life skills.

I appreciate Dr.Babasaheb Thombre, Associate Dean and Principal and Dr. Rajesh Shelke, Technical Officer, for gathering and compiling a good amount of information about the splendid work carried out which deserves compliments. I am delighted to submit the Self-Study Report to the Accreditation Board for official approval.

(Uday Khodke)

Director of Instructions and Dean (F/A) VNMKV, Parbhani

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## ACKNOWLEDGMENT

The College of Agriculture, Latur, was established in 1987 and has come a long way since its inception. Year-on-year incremental growth has proven academic excellence. Under the umbrella of Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani, the college is catering to every need of education from the graduate level to the level of postgraduate degree in eleven disciplines of agriculture and horticulture and is committed to its resolve of further improving the quality of education. The institute has opted to get accreditation from the National Agricultural Education Accreditation Board (ICAR, New Delhi). Preparations in this regard were started about six months earlier, and in this period we have learned a lot from the manual supplied by NAEAB, which is extremely comprehensive and educational. This self-study report (SSR) has been prepared as per the guidelines of ICAR and consists of three parts as follows: Part I of the SSR comprises college data as mentioned in the format of the SSR; Part II includes a detailed explanation of the PG program; and Part III includes a detailed emphasis on the UG program. We express our gratitude to our Hon. Vice-chancellor, Dr. Indra Mani, and Director of Instruction and Dean (F/A), Dr. Uday Khodke, for their continuous encouragement and guidance.

Dr. Rajesh Shelke, Associate Professor of Agricultural Economics and Technical Officer, deserves copious praise for his untiring efforts and unstinted support in compiling the data and bringing this report to its final shape. The preparation of this SSR has raised our quality consciousness in teaching, research, and extension. We look forward to meeting the Accreditation Team of ICAR to visit us, as the ensuing interaction will further enable us to make this college a quality hallmark for the benefit of students and the farming community of the region.



(Babasaheb Thombre) Associate Dean and Principal College of Agriculture, Latur

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## SELF STUDY REPORT FOR UG PROGRAMME

### SELF STUDY REPORT FOR B.SC. (HONS.) AGRICULTURE PROGRAMME

#### 6.4. Self Study Report for the Programme (B.Sc. (Hons.) Agriculture)

#### 6.4.1. Brief History of the UG Degree Programme

The College was established in the year 1987, vide GR. No. T & V /1287 / CR-76/ 17-A dated 11.9.1987 for village level workers of the T & V system in Agriculture department of Maharashtra State leading to the B.Sc. (Agriculture) degree course in 3 + 1/2 years with intake capacity of 35 candidates. In 1989 this college was strengthened and a separate programme was started for the fresh students of 10 + 2 leading to B.Sc. (Agriculture) course in four years with intake capacity of 64 students vide GR No. MKV 1889 / CR – 117-20-A dated 8.11.89. Further, Government of Maharashtra vide GR. No. MKV/2000 /PK/316/20 A/ Mumbai /16 October, 2001 has increased the intake capacity of UG from 64 to 99 with the provision of XII (Science) pass out in-service candidates on deputation, instead of the X standard. Again, in 2022-23 intake capacity has increased from 94 to 120 students.

#### **Objectives, Mission and Goal:**

- To impart intensive training in different aspects of agricultural technology to the UG and PG students.
- To train students about research on various components of agricultural technology,
- To train personals from agriculture as a manpower in global market.
- To disseminate the innovative and viable technologies for increasing the productivity and production.
- To intensify research on post-harvest losses and evolve improved methodology for storage and transportation.
- To generate technology suited for agro-based small-scale industries in the rural areas as an entrepreneur.
- To provide technical advice and guidance to the entrepreneurs in the state and the country.
- To assess and help to the Government of Maharashtra in planning, monitoring and formulating agricultural development policies.
- Dissemination of newly developed agricultural technology among the general public through READY programme and also through electronic and print media such as TV, radio and popular publications, etc.

#### Accomplishment

The College of Agriculture, Latur is established in 1987. Since its inception, it has been significantly contributing for imparting quality education to the students required for agricultural development and research in the state of Maharashtra and nation at large. Every year approximately, 100 students at undergraduate and 108 at postgraduate level being enrolled in agricultural studies from different parts of State and country. Since, establishment of the college around 3700 graduates and 1440 post graduates' students have completed their education from this college and most of them are working in the various fields of agriculture.

To make the students and farmers aware about the recent technologies of improved practices in crop production, an educational museum has been developed recently. In which different types of seeds and models of agricultural tools, pest management and weed management are displayed. Lectures, training programs and demonstrations regarding modern techniques of agriculture are organized by all the departments of the college. Demonstrations and trainings are also organized for promoting organic farming. Through such training programs farmers get trained for weed control and weed management, organic farming and use of pest control technology. Awareness about the ill effects of chemicals used for higher crop production is also created among the farmers. Agriculture related queries and problems of the farmers are also discussed and solved in such programs.

College has installed CCTV cameras in all lecture halls, examination halls, and library and in hostel campus for monitoring day to day activities. The college has constituted different committee's viz. Anti- Ragging Cell, Biological waste disposal facility, Institutional Ethics Committee for Experiment on Animals, Committee for Prevention of Sexual Harassment of Women at Work Places for the betterment of students.

College library is strengthened with 1000 reference books, 11008 textbooks, 45 journals, different offline and online databases and around 899 theses.

Each department of the college is having well equipped laboratory and instructional farm for conducting practicals / research work of PG students, demonstration and hands-on trainings.

In order to conserve the rain water, four farm ponds are constructed as per the DEVAS pattern for improving the water level of the adjoining area and in order to have the water availability during the scarcity period.

ICAR has sanctioned three Experiential Learning units viz. Commercial Sericulture, Commercial Vegetable Production and Commercial Mushroom Cultivation. Department classrooms are converted to Smart classrooms with LCD projectors, K-YAN Community Computers and interactive boards which are used for teaching and practicals as per need.

National Service Scheme is being implemented with a special camp of seven days each year which underlines the welfare and development of an individual that ultimately needs to the welfare of the society as a whole.

Language lab software is installed in the language laboratory which has 9 levels of English learning (Complete Beginner- Beginner- Intermediate- Intermediate + - Advance-Advance + -Business- Business+ - Business ++) for the benefit of students.

The college has organized the personality development workshop as well as innovative lectures for UG & PG students and staff members in order to develop the soft skills.

The students won laurels in different cultural, sports and different academic platforms at State and National level.

The placement cell has also conducted campus interviews of various banking sectors, private seed companies, private chemical and fertilizer companies and other allied agriculture sectors for the recruitment of students in these organizations. Through the campus interview and placement cell 51 undergraduate and 180 post graduate students got employment in different sectors during last five years.

Ladies Gymnasium facilities are created in the Girls hostel campus and open Gymnasium facilities are created in the college.

During recent year due to the constant and continuous efforts of faculty members students are appearing for JRF and SRF examination and some of them are achieving successes.

Students are also participating in Ashwamedh and other cultural events at State and national level and received prizes at State level. With this above accomplishment the college is making efforts to achieve its desired goals and objectives for the betterment of students and farming communities of the region.

## 6.4.2. Faculty Strength

Sr. No.	Sanctioned Faculty	No. of sanctioned faculty	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/ VCI/other regulatory bodies	Deviation with respect to recommendation of Vth Deans Committee
1.	Professor				05	05
2.	Associate Professor	10	08	02	12	04
3.	Assistant Professor	38	10	28	51	41

### Academic strength of faculty members / supporting staff:

Note: -The faculties assigned the responsibilities for multiple programmes (UG and PG).

**Faculty Strength:** If the Degree Programme is also taking the help of Research staff, extension staff, contractual faculty, guest faculty, adjunct faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report. **Research** 

Sr. No.	Name and Qualification of Guest faculty, Faculty from Research Station, Colleges, Contractual Teacher	Name of the Department who take help to complete the curriculum	Programme	Course taught	Title of the Course	Semester
1.	Dr. B.N. Aglave M.Sc.(Agri.) Ph.D.,	Agronomy	UG	ELM BOT- 481	Fundamentals of Agronomy-I	Ι
	VDCOAB, Latur			AGH-111	Agricultural Heritage	Ι
2.	A.K. Ghotmukale M.Sc., NET ORS, Latur	Agronomy	UG	AGRO-112	Introductory Agro- meteorology and Climate change	Ι
				AGRO-235	Rainfed Agriculture and Watershed Management	III
				AGRO-247	Farming System and Sustainable Agriculture	IV
3.	S.B. Suryavanshi M.Sc., NET	Agronomy	UG	AGRO-234	Crop Production Tech I (Kharif crops)	III
				AGRO-359	Practical Crop Production-I (Kharif crops)	V

## **Contractual staff**

Sr. No.	Name and Qualification of Guest faculty, Faculty from Research Station, Colleges, Contractual Teacher	Name of the Department who take help to complete curriculum	Programme	Courses taught	Title of the Course	Semester
1.	Miss P.A. Dange	Agricultural Statistics	UG	STAT- 231	Statistical Methods	III
2.	Shri. M.G. Tawade, M.A.(English), M.Phil., B.Ed., Contractual Teacher	Extension Education	UG	LANG- 111 (New)	Comprehension and Communication Skills in English	Ι

Sr. No	Name of the post	Sanctioned posts	Filled posts	Vacant posts
1.	Senior Research Assistant	03	03	00
2.	Junior Research Assistant	02	01	01
3.	Section Officer	01	01	00
4.	Senior Clerk	03	03	00
5.	Laboratory Attendant	08	06	02
6.	Lab Boy	04	03	01
7.	Agricultural Assistant	04	04	00
8.	Driver	02		02
9.	Watchman	03		03
10.	Mali	02	02	00
11.	Peon	04	00	04
12.	Sweeper	01	01	00
13.	Labour	34	20	14
14.	Steno (Lower grade)	01		01
15.	Electrician	01		01
16.	Compounder	01		01
17.	Library Assistant	02		02
18.	Junior Clerk	04	01	03
19.	Khansama	01	01	00
	Total	81	46	35

## 6.4.3. Technical and Supporting Staff Position as on 31.03.2023

## Name, Designation and Qualification of Technical and Supporting Staff Members

Sr. No.	Name of the Staff	Designation of the Staff	Qualification
1.	Shri.S.B.Suryawanshi	S.R.A	M.Sc.Agri
2.	Shri.R.S.Aundhkar	S.R.A	M.Sc.Agri
3.	Shri.R.B.Parihar	S.R.A	M.SC Agri.
4.	Shri.S.R.Sadar #3	S.R.A	M.Sc.Agri
5.	Shri.S.B.Padwal #4	Technical Assistant	M.Lib
6.	Smt. M.U.Bhikane	J.R.A	M.Sc Agri
7.	Shri.D.V.More	Agriculture Assistant	Agri.Diploma
8.	Shri.R.T.Chavan	Agriculture Assistant	Agri.Diploma
9.	Shri.P.V.Kamble #5	Agriculture Assistant	Agri.Diploma
10.	Shri.D.G.Surwase	Agriculture Assistant	Agri.Diploma
11.	Shri.P.D.Jondhale	Senior Clerk	B.A
12.	Shri.D.P.Chamnikar	Senior Clerk	M.Com
13.	Shri.R.V.Chavan *1	Senior Clerk	B.A
14.	Shri.P.V.Pirange #6	Senior Clerk	B.A
15.	Smt. M.A.Sathe	Junior Clerk	12
16.	Shri.N.G.Panchal	Carpenter (Adhisankhya)	6 th
17.	Shri.S.P.Kamble	Plumber (Adhisankhya)	H.S.C,I.T.I
18.	Shri.M.B.Ambhore	Lab. Attendant	H.S.C
19.	Shri.D.D.Zunzure	Lab. Attendant	B.Sc Horticulture
20.	Shri.R.E.Kharate	Lab. Attendant	H.S.C
21.	Shri.V.D.Kadam	Lab. Attendant	B.A
22.	Shri.K.S.Panchal *2	Lab. Attendant	H.S.C ITI
23.	Smt.S.D.Sorekar *3	Lab. Attendant	HSC

24.	Shri.D.U.Shinde	Mali	Diploma
25.	Shri.R.S.Shinde	Mali	Diploma
26.	Shri.R.D.Ade	Milkman (Adhisankhya)	4 th
27.	Shri.S.A.Suryawanshi	Laboratory Boy	HSC
28.	Shri.Sayyad sohel	Laboratory Boy	HSC
29.	Shri.M.R.Pathan	Laboratory Boy	Diploma in Food Tech

**#1-6 Deputation to this College from Various offices of university.** 

\*1-3- Deputation in university at various offices.

## Responsibilities of Faculty, Technical and Supporting staff

The faculties of this college are involved in conducting the classes and examinations of UG and PG students. They evaluate the answer books and prepare the results of the students. They also guide to PG students for conducting their research programme. The responsibility of the work of UG and PG admission, examination, scholarship, hostel, gymkhana activities, anti ragging cell, placement cell, purchases required for the development of laboratories, Biological waste disposal facility cell, Institutional Ethics Committee for Experiment on Animals Cell, prevention of Sexual harassment of women at work place cell and Extension Education Activities are also shared by these faculties and supporting staff also look after the assignment related to admission, examination, scholarship, hostel and gymkhana activities. Technical staff is engaged in accounts matter, other than technical correspondence and faculty record in the college.

## 6.4.4 Classrooms and Laboratories

## **UG degree programme**

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

Sr.	Name of classroom	Space	Seating	Facilities available
No.			capacity	
1.	UG Lecture Hall No. I	16.36 m x 7.57 m	120	Curricula delivery through IT
2.	UG Lecture Hall No. II	16.64 m x 7.49 m	120	(Smart classroom)
3.	UG Lecture Hall No. III	8.20 m x 7.35 m	60	
Depa	rtment of Agronomy			
4.	UG classroom-cum-seminar	6.60 m x 8.40 m	30	Curricula delivery through IT
4.	Hall	0.00 III x 8.40 III	50	(Smart classroom)
Depa	rtment of Agricultural Botar	ŋy		
5.				
Depa	rtment of Agricultural Econe	omics		
6.	UG classroom-cum-seminar	11.83 m x 7.81 m	60	Curricula delivery through IT
0.	Hall	11.05 m x 7.01 m	00	(Smart classroom)
Depa	rtment of Agricultural Engir	neering		
				Curricula delivery through
7.	UG classroom	9.0 m x 6.5 m	60	black board teaching, charts,
				models, etc.

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Depa	Department of Agricultural Entomology							
8.	UG classroom-cum-seminar Hall	8.20 m x 7.35 m	60	Curricula delivery through IT (Smart classroom)				
Depa	Department of Animal Husbandry and Dairy Science							
9.	UG/PG practical classroom- cum-seminar Hall	11.64 m x 6.55 m	60	Seating arrangement with dual desk,				
Depa	Department of Extension Education							
10.	UG classroom-cum-seminar Hall	9.30 m x 6.50 m	48	Curricula delivery through IT (Smart classroom)				
Depa	artment of Horticulture							
11.	UG classroom	8.40 m x 6.40 m	60	Curricula delivery through IT (Smart classroom)				
Depa	artment of Plant Pathology							
12.	UG classroom-cum-seminar Hall	17.5 m X 8.0 m	60	Curricula delivery through IT (Smart classroom)				
Depa	Department of Soil Science and Agricultural Chemistry							
13.	UG 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							
1.	UG Laboratory	6.60 m x 8.40 m	50	Utilized for conducting UG practicals				
Depar	Department of Agricultural Botany							
1.	UG Laboratory -01	12.73 x 7.76 m	30	Utilized for conducting UG practicals of genetics and plant breeding and Curricula delivery through IT (Smart classroom)				
2.	UG Laboratory-01	16.36 x 7.57 m	30	Utilized for conducting UG practicals of genetics and plant breeding and Curricula delivery through IT (Smart classroom)				
Depar	tment of Agricultural Ec	conomics						
1.	NIL							
Depar	tment of Agricultural En							
1.	UG Laboratory	11.7 m x 6.50 m	40	Utilized for demonstration of models, instruments, for conducting UG practicals				
2.	Computer Laboratory- cum classroom	12.0 m x 9.0 m	40	Utilized for conducting practicals on computer skills, internet access, online teaching aids, online applications of UG/PG students, office work				
Depar	Department of Agricultural Entomology							
1.	UG Laboratory	16.64 m x 7.49 m	60	Utilized for conducting UG practicals				
2.	Biological Control Laboratory	16.98 m x 7.92 m	60	Utilized for conducting practicals on biological control				

3.	Insect Museum	8.23 m x 7.92 m	30	Used for conducting UG practicals
4.	Experiential Learning Unit on Commercial Sericulture (ICAR funded)	15.30 m x 7.30 m	60	Used for conducting ELP on Commercial Sericulture and Silkworm Cocoon Production Technology.
Depar	tment of Animal Husbar	ndry and Dairy Scie	ence	
1.	UG practical classroom-cum- seminar Hall	11.64 m x 6.55 m	40	Seating arrangement with dual desk, working platform, water supply in basin
Depar	tment of Extension Educ	cation		
1.	UG Laboratory	9.30 m x 6.50 m	50	Utilized for conducting UG practicals
Depar	tment of Horticulture			
1.	UG Laboratory	12.10 m x 6.20 m	30	Utilized for conducting UG practicals
Depar	tment of Plant Pathology	y		
1.	UG Laboratory	17.5 m X 8.0 m	40	Utilized for conducting UG practicals
Depar	tment of Soil Science and	d Agricultural Chei	nistry	
1.	UG Laboratory	15 m x 8.0 m	30	Utilized for conducting UG practicals

## Adequate numbers of Lecture Hall and laboratories are available for undergraduate

## programme.

## c. Information on list of major equipments available for UG degree programme

Sr. No.	Name of the Equipment	Quantity			
	Department of Agronomy				
1.	Hand Refractometer	1			
2.	Hot air oven	1			
3.	Water Analyzer	1			
4.	Non-recording rain gauge	1			
5.	Recording type rain gauge	1			
6.	Electronic top pan balance	1			
7.	Wind vane	1			
8.	Open pan evaporimeter	1			
9.	Single Stevenson's screen	1			
10.	Soil thermometer	1			
11.	Sunshine recorder	1			
12.	Thermo- hygrograph	1			
13.	Minimum thermometer	1			
14.	Maximum thermometer	1			
15.	Long curved card (for summer period)	10			
16.	Short curved card (for winter period)				
17.	Straight card (for equinoxial periods)				
18.	Core Sampler	1			
19.	Moisture box	50			
20.	Screw augar				
21.	Tensiometer	2			

22.	Gypsum Block	1
		1
23.	Rectangular Notch/ weir	1
24.	Trapezoidal notch /weir	1
25.	'V' Notch/Triangular weir	1
26.	Sprinkler head	1
27.	Emitters	1
28.	Drip irrigation set	1
Depart	ment of Agricultural Botany	
1.	Single Pan Balance	01
2.	Vertical Autoclave	01
3.	Laminar Air Flow (Horizontal)	01
4.	Hot Air Oven	01
5.	BOD Incubator	01
6.	Muffle Furnace	01
7.	Refrigerator	01
Depart	ment of Agricultural Economics	
1.	Computer Desktop	12
2.	Overhead projector (Sony)	01
-	ment of Agricultural Engineering	
1.	Sonalika Thresher	01
2.	Power Weeder / Cultivator (Banson Agro. Engg. Nashik)	01
3.	Single furrow reversible PARAS plough	01
4.	Two furrow (surry) Ridger	01
4. 5.	Cultivator (Nine tyne Tractor operated)	01
<u> </u>	Sonalika Thresher	01
		01
	Iter Laboratory	20
1.	Thin Client	30
2.	P.C.	16
3.	Printers	02
4.	U.P.S.	01
5.	L.C.D. Projector	01
	ment of Agricultural Entomology	
1.	Students microscope(JRMC-20)	04
2.	Dissection microscope	35
3.	Getner stereoscopic microscope	01
4.	Binocular microscope MAC	01
5.	Research Binocular microscope	02
6.	BOD incubator	02
7.	Centrifuge	01
8.	U.V. chamber	01
9.	Digital top pan balance INOSAW	02
10.	Hot air oven MAC	01
11.	TLC plate MAC	01
12.	Autoclave MAC	01
13.	Horizontal laminar flow	01
14.	Sattorius analytic balance	01
15.	Mono Quartz Distillation Unit with DAPS	01
16.	Rotary vacuum evaporator	01
10.	Humidifier cum heater	02
17.	Weighing electronic balance	01
18.	De-flossing machine	01
	*	
20. 21.	Aspee CDP Sprayers	01 16

Depart	ment of Animal Husbandry and Dairy Science	
1.	Cream separator	01
2.	Centrifuge machine	02
3.	Refrigerator	02
4.	BOD incubator	01
5.	Laminar air flow	01
6.	Kjeldal digestion unit	02
7.	Deep Freezer	03
8.	Auto Clave	01
9.	Electronic weighing balance (capacity up to 200 gm.)	02
10.	Weighing balance (capacity up to 100 kg.)	02
11.	Hot air oven	01
12.	Distributor unit	01
13.	PH meter	01
14.	Milk analyser	01
15.	Burk cooler	01
16.	Colony counter	01
17.	Shrikhand machine	01
18.	Paneer press	04
19.	Muffle Furness	01
20.	Dryer	01
21.	Ice-cream hand freezer	02
22.	Milk boiler	01
23.	Khoa polishing machine	01
24.	Khoa making machine	01
25.	Milk ageing vat	01
26.	Ice-cream making machine	01
27.	Mix Cum Grinder	01
28.	Lactometer	10
29.	Butyrometor	10
30.	Richmond Scale	05
Depart	ment of Extension Education	I
1.	Television	01
2.	Video Camera (Handy Cam)	01
3.	LCD Projector	01
4.	Digital Camera	01
5.	Ahuja Amplifier SSA-350	01
6.	Ahuja Dual Cordless Micro Phone AWM-490 V2	01
7.	Ahuja one Wireless Mike & )! Hand Mike	01
8.	Hp Desktop Computers with printers	03
	ment of Horticulture	0.1
1.	Refractometer 0 to 50 B	01
2.	Refractometer 40 to 85 °B	01
3.	Refrigerator	01
4.	Crown crocking machine	01
6.	Analytical projection bd	01
7.	PH meter digital MAC	02
8.	Soil testing kit	01
9.	Water bath rectangular	01
10.	Juice press hand refractometer	01
11.	Fruit and veg. slicer MAC-625	02
12.	Hand refractometer-503,58 to 92%	01

13.	Hot plate round single plate	01
13.	Hot plate round double plate MAC -423	01
15.	Single pan electrical balance	01
16.	Moisture box	25
17.	Lab willy grinder	01
18.	Overhead projector with screen	01
	n Tools	
45.	Pickaxe	09
46.	Spade	12
47.	Kudli	02
48.	Khurpi	25
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.	Ghumela	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
78.	Rotovator (Mitsubishi) 2PR 1110	01
Glassv		
79.	Beakers	49
80.	Conical Flask	73
81.	Volumetric flask	29
82.	Measuring cylinders	58
83.	Pipette	24
84.	Burette	08
85.	Reagent Bottle	101
86.	Test tubes	245
	tment of Plant Pathology	1
1.	Autoclave Big-2 and Small-1	03
2.	BOD	01

3.	Hot air oven	01		
4.	Laminar Airflow cabinet	01		
5.	Tray Dryer	01		
<u> </u>	Deep freeze	01		
7.	Refrigerator	01		
8.	Water Bath	01		
<u> </u>	Centrifuge	01		
	<u> </u>			
10.	Research Microscope	01		
11.	pH meter	01		
12.	Electronic weighing balance	02		
13.	Autoclave Small	01		
14.	Research Microscope	02		
15.	Laminar Airflow	01		
16.	Student Microscopes	05		
17.	Desiccators	05		
18.	Laminated photographs of Diseases	40		
Depart	ment of Soil Science and Agricultural Chemistry			
1.	pH Meter	01		
2.	EC meter	01		
3.	UV-Spectrophotometer	01		
4.	Flame photometer	01		
5.	Atomic Absorption Spectrophotometer	01		
6.	Kjel Plus Nitrogen Analyzer	01		
7.	Oven	03		
8.	Desiccators	02		
9.	Glass Distillation unit	02		
10.	Analytical Balance	03		
11.	Water bath	01		
12.	Steel distillery	02		
13.	Microkjeldahls Assembly	01		
14.	Aggregate Analyzer	01		
15.	Soxhlet Apparatus	01		
16.	Deionized water plant	01		
17.	Hot plate	01		
17.	Moisture box	25		
10.	Single pan electrical balance	01		
20.	Moisture box	25		
20.	Gas cylinders	08		
21.	Gas shegdi	08		
22.	Dispersion Cup	01		
23. 24.	International Pipette	01		
24.		01		
	LCD projector with screen Leaf area meter			
26.		01		
27.	Charging Sprayer	01		
28.	Silica Crucibles	07		
29.	Mechanical shaker	01		
30.	Muffle Furnace	01		
31.	Soil Augers	05		
32.	Double ring infiltrometer	01		
33.	Microwave digestion	01		
34.	pH Meter	01		
Glasswares				
1.	Beaker	190		

2.	Conical Flask	220
3.	Volumetric flask	150
4.	Measuring cylinders	35
5.	Pipette	12
6.	Burette	15
7.	Petri plate	50
8.	Test tube	390
9.	Test tube	390
10.	Funnel	30
11.	Reagent Bottle	15
12.	Glass rod	7

# d. Information on farm facilities available at College of Agriculture, Latur utilized for UG degree programme

## **UG degree programme**

S.N	Name of farm facility	Space	Remark			
Depa	Department of Agronomy					
1.	UG Instructional farm	0.5 ha	Used for conducting UG practicals& crop cafeteria			
Depa	rtment of Agricultural Botan	y				
2.	UG/PG Instructional cum	0.8 ha	Used for conducting UG practicals and PG research			
	research farm		work			
Depa	rtment of Agricultural Enton	nology				
3.	UG Instructional farm	0.5 ha	Used for conducting UG practicals			
4.	Mulberry plantation	1.0 ha	Used for conducting ELP on Commercial Sericulture			
			and Silkworm Cocoon Production Technology			
5.	Honeybee foraging garden	0.5 ha	Used for conducting UG practicals			
Depa	rtment of Animal Husbandry	and Dai	ry Science			
6.	UG Instructional fodder	4.28 ha	Used for Instructional/ practical/ demonstration			
	cafeteria/ fodder production		purpose and conducting UG practicals			
Depa	rtment of Horticulture					
7.	UG Instructional farm	0.60 ha	Used for conducting UG practicals			
8.	Orchard plantation	10.00	Used for conducting UG practicals			
		ha				
Depa	Department of Plant Pathology					
9.	UG/PG Instructional farm	1.25 ha	Used for conducting UG practicals			

## e. Information on instructional units available for UG degree programme

Sr.	Name of farm	Space	Remark
No.			
Depa	rtment of Agricultural Entomole	ogy	
1.	Insect Museum	8.23 m x	Used for conducting UG practicals
		7.92 m	
2.	Mulberry plantation	1 ha	Used for conducting practicals on
			sericulture
3.	Experiential Learning Unit on	15.30 m x	Used for conducting ELP on Commercial
	Commercial Sericulture and	7.30 m	Sericulture and Silkworm Cocoon
	Silkworm Cocoon Production		Production Technology

	Technology (ICAR funded)				
Depa	artment of Animal Husbandry an	d Dairy Science			
4.	Cattle shed	13.72 x	Used for conducting UG/PG practicals		
		9.14 m			
5.	Goat shed	14.93 m x	Used for conducting UG/PG practicals		
		6.70 m			
6.	Experimental poultry house	4.48 m x	Used for conducting practicals of ELP on		
		6.03 m	Commercial Broiler Production.		
			Used for conducting PG research on Poultry		
Depa	artment of Extension Education				
7.	Audio Video Aid Lab	9.30 m x	Used for conducting UG/PG practicals		
		6.50 m			
Depa	artment of Horticulture				
8.	Experiential Learning Unit on	13 m x 10 m	Used for conducting practicals of ELP on		
	Commercial Vegetable		Commercial Vegetable Production		
	Production (ICAR funded)				
9.	Shed net house for UG	28 m x 20 m	Used for conducting UG practicals		
10.	Shed net house for nursery	12 m x 6 m	Used for plant propagation		
11.	Polyhouse	28 m x 20 m	Used for conducting UG research		
Depa	artment of Plant Pathology				
12.	Experiential Learning Unit on	9.10 x7.40 m	Used for conducting practicals of ELP on		
	Mushroom Production	and 11.60 x	Mushroom Production Technology		
	Technology Mushroom spawn -	7.40 m	Used for conducting PG research on		
	run room		Mushroom		
-	Department of Soil Science and Agricultural Chemistry				
13.	Experiential Learning Unit on	15.0 x 8.0m	To develop skill of soil, water, plant and		
	Soil, Water, Plant and Fertilizer		fertilizer analysis		
	Analysis.				

#### f. Information on theory and practical batches for UG degree programme at **College of Agriculture, Latur**

## **UG degree programme**

Sr. No.	Academic year	Theory batches	Practical batches
1.	2018-19	01	03
2.	2019-20	01	03
3.	2020-21	01	03
4.	2021-22	01	03
5.	2022-23	02	04

One theory batch comprises of 60 students One practical batch comprises of 30 students

#### 6.4.5 Conduct of practical and hands-on-training

## **UG degree programme**

The Rural Agricultural Work Experience (RAWE) provides exposure to agricultural students to the natural setting of the village situations, work with the farm families, identify

15

their problems and make use of various extension tools for transferring the latest agricultural technologies. The students also get opportunity to study the various on-going schemes related to agriculture and rural development and participate in their implementation. The students were given rigorous orientation and familiarization on various issues and problems expected on farmers' field and hence gain competence and confidence for solving problems related to agriculture and allied sciences. It has been implemented in adopted villages under the supervision of scientists. Activities focused on intensive observations/ analysis of socio-economic and technological profile of the farm families in rural areas, participatory extension approach and acquaintance with farming situations, farm practices and interaction with progressive farmers. Soil testing has become the integral part of RAWE. This helps orient our agricultural graduates for participation in various rural developmental programme. The students also gained first hand information on industries during attachment with identified agro based industries.

Experiential Learning (EL) with business mode helps the student to develop competence, capability, capacity building, acquiring skills, expertise, and confidence to start their own enterprise and turn job creators instead of job seekers. This is a step forward for "Earn while Learn" concept. Experiential Learning is an important module for high quality professional competence and practical work experience in real life situation to Graduates. The module with entrepreneurial orientation of production and production to consumption pattern is expected to facilitate producing Job Providers rather than Job Seekers. The EL provides the students an excellent opportunity to develop analytical and entrepreneurial skills, and knowledge through meaningful hands-on experience, confidence in their ability to design and execute project work.

To enrich the practical knowledge of the students, in-plant training is mandatory. In this training, students will have to study a problem in industrial perspective and submit the reports to the university. Such in-plant trainings will provide an industrial exposure to the students as well as to develop their career in the high-tech industrial requirements. In-Plant training is meant to correlate theory and actual practices in the industries.

### 6.4.6 Supervision of students in UG Programme: NOT APPLICABLE

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

#### Mechanisms for collecting feedback

The college regularly collects feedback from students, parents, farmers, and industry to know their views in regard to the college. This will be useful for improving the overall performance in various sectors on the basis of feedback. For this purpose, Google Forms were prepared and link shared to the students, comprising different questions related to their expectations from college. The overall feedback of the program obtained from the students was an indication of the measure of knowledge acquired during the course of their study.

Google Forms were also prepared and link shared to the parents and farmers, comprising different questions related to their expectations from the college. The overall feedback will be helpful in improving the facilities provided to them in due course of time.

All the graduating students who satisfied the minimum standards set by the employer, gained recruitment in various agro firms. An employer survey through Google Forms was also conducted with all potential employers to get their impression on the skill-set and capabilities of our Agri-graduates. This feedback was obtained with the objective of improving the employability skills of the graduates, so as to train them to match the standards set by the industries.

The detailed responses gathered through Google Forms for students, parents, farmers and industry were not attached herewith as it will require large space that's why it is stored in separate files with the student and placement cell for verification at the time of the visit. The sample feedback of Students, parents, farmers, industry and employers, are as follows

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#### Feedback of M.Sc.(Agri.) Students



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## Feedback of B.Sc. (Agri.) Students

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## **Feedback of Parents**

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## Feedback of farmers

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## Feedback of Industry and Employer

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

UG	degree	programme
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Sr. No.	Name of degree program	Sanctioned strength	Actual student admitted in last five years					Attrition (%)				
			2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23
1.	B.Sc. (Hons.) Agri.	94 + ICAR Quota	110	121	120	118	120	15 (13.63)	03 (2.47)	06 (05)	10 (8.47)	04 (3.33)

(Figures in parentheses indicate the Percentage of Attrition)

• Actual Intake - 94 (M & U quota - 87 + Other State- 02 + ICAR Seats- 05)

• Over and above 10% seats for ICAR. (09 seats)

• (10% seats over and above for agriculture diploma holders for first year (09 seats) and 20% seats to direct second year (19 seats) from academic year 2015-16).

#### 6.4.9 ICT Application in Curricula Delivery

It can easily be observed that technological innovations in the multifarious field of commerce, science and education is fast developing, such that it is difficult to foresee the technological revolution in the millennium, inclusive of educational changes. For certain, however, technological changes in education will make impact on the delivery of more effective, efficient and humanizing teaching and learning.

The effective use of ICT has great impact on teaching and is definitely changing the role of the teacher in the classroom. With the present infrastructure, class size, availability of teachers, quality of teachers, training of teachers, etc., it is difficult to achieve all the objectives. Further, most of the teachers use Lecture Method which does not have potentiality of achieving majority of above-mentioned objectives. The objectives are multi-dimensional in nature, so for their achievement multiple methods should be used in an integrated fashion. At present ICT may be of some use. It is a well-known fact that not a single teacher is capable of giving up to date and complete information in his own subject. The ICT can fill this gap because it can provide access to different sources of information. It will provide correct information as comprehensive as possible in different formats with different examples. ICT provides online interaction facility. Students and teachers can exchange their ideas and views, and get clarification on any topic from different experts, practitioners, etc. It helps learners to broaden the information base. ICT provides variety in the presentation of content which helps learners in concentration, better understanding, and long retention of information which is not possible otherwise. The learners can get opportunity to work on any live project with learners and experts from other countries. The super highway and cyber space also help in qualitative improvement of Teaching – Learning Process. ICT provides flexibility to learners which are denied by the traditional process and method. Flexibility is a must for mastery learning and quality learning. On Internet many websites are available freely which may be utilized by teachers and students for understanding different concepts, improving vocabulary, developing Reasoning & Thinking, etc. ICT can help in preparing students for different competitive exams.

Another ICT tools is Multimedia. Multimedia is the combination of various digital media types (e.g. images, sound, video, text) they compile an integrated multi-sensory interactive application to present the information to an audience. Multimedia means "an individual or a small group using a computer to interact with information that is represented in several media, by repeatedly selecting what to see and hear next". Using multimedia in education results in the increasing productivity and retention rates, because people remember 20% of what they see, 40% of what they see and hear, but about 75% of what they see and hear and do simultaneously. It means, by using multimedia tools we can create a learning environment, where the communication of the information can be done in a more effective manner and it can be an effective instructional medium

ICT is playing important role in delivering curriculum's instructional programme such as

- > Upgrading the quality of the teacher- learning.
- Increasing the capability of the teacher to effectively inculcate learning and for students to gain mastery of lessons and courses.
- Broadening the delivery of education outside the colleges through nontraditional approaches to formal and informal learning, such as Open Universities and lifelong learning to adult learners.
- Revolutionizing the use of technology to boost educational paradigm shifts that give importance to student-centred and holistic learning.

## 6.4.12 Certificate

I, the **Dean**, **Dr.B.M. Thombre**, **College of Agriculture**, **Latur** 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 the Dean of the college with Date & Seal

## SELF STUDY REPORT FOR PG PROGRAMME

## SELF STUDY REPORT FOR M.SC. (AGRI.) PROGRAMME

## 6.4. Self-Study Report for the Programme (M.Sc. (Agri.)) in Agronomy

## 6.4.1 Brief History of the Degree Programme

## **Brief History of the PG Degree Programme**

The postgraduate programme leading to the M.Sc. (Agri) degree in Agronomy discipline, was initiated with an intake capacity of six students; during the academic year 2002-03 vide GR. No. MKV/2000/PK-220/20A/dated 30 January, 2003. In 2009 intake capacity of M.Sc. (Agri.) students was increased department wise from 6 to 12.

## 6.4.2 Faculty Strength

## Academic strength of faculty members / supporting staff: As on 31.03.2023

Sr. No.	Sanctioned Faculty	No. of sanctioned faculty	Faculty in place	Vacant position
1.	Professor	01		01
2.	Associate Professor	01	01	
3.	Assistant Professor	04	01	03

Note:-The faculties assigned the responsibilities for multiple programmes (UG and PG).

**Faculty Strength:** If the Degree Programme is also taking the help of Research staff, extension staff, contractual faculty, guest faculty, adjunct faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.

## Research

Sr. No.	Name and Qualification of Guest faculty, Faculty from Research Station, Colleges, Contractual Teacher	Name of the Department who take help to complete the curriculum	Programme	Courses taught	Title of the Course	Semester
1.	Dr. V. P. Suryavanshi Ph.D.	Agronomy	PG	AGRON-501	Modern concepts in crop production	Ι
				AGRON-504	Principles and practices of water management	Π
2.	A.K. Ghotmukale M.Sc., NET	Agronomy	PG	AGRON-512	Dry land farming and watershed management	III
				ENT-505	Insect Ecology (2019-20)	II

## Teaching

Sr.No.	Name and Qualification of Guest faculty, Faculty from Research Station, Colleges, Contractual Teacher	Name of the Department who take help to complete the curriculum	Programme	Courses taught	Title of the Course	Sem.
1.	Dr. B.N. Aglave	Agronomy		AGRON-	Agronomy of oilseeds,	Ι
	Ph.D.			507	fiber & sugar crops	
			PG	AGRON-	Principles and	II
			10	502	practices of soil	
					fertility and nutrient	
					management	

## 6.4.3. Technical and Supporting Staff Position as on 31.03.2023

The information regarding technical and supporting staff sanctioned to the college is presented in the self-study report of the B.Sc. (Hons.) Agriculture program under the heading 6.4.3. There is no bifurcation of this staff as staff for the UG and PG degree programs. As per the needs of the various departments, technical and supporting staffs are allotted to the department. Hence, the information presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 5-6)

## Responsibilities of Faculty, Technical and Supporting staff

The faculties of this college are involved in conducting the classes and examinations of PG students. They evaluate the answer books and prepare the results of the students. They also guide to PG students for conducting their research programme. The responsibility of the work of PG admission, examination, scholarship, hostel, gymkhana activities, anti ragging cell, placement cell, purchases required for the development of laboratories, Biological waste disposal facility cell, Institutional Ethics Committee for Experiment on Animals Cell, prevention of Sexual harassment of women at work place cell and Extension Education Activities are also shared by these faculties and supporting staff also look after the assignment related to admission, examination, scholarship, hostel and gymkhana activities. Technical staff is engaged in accounts matter, other than technical correspondence and faculty record in the college.

## 6.4.4 Classrooms and Laboratories

## PG degree programme

## a. Information on classroom for PG degree programme

Sr. No.	Name of classroom	Space	Seating capacity	Facilities available				
Department of Agronomy								
1.	PG classroom-cum-	6.60 m x 8.40	50	Curricula delivery through IT				
	seminar Hall	m		(Smart classroom)				

## b. Information on functional laboratories for PG degree programme

Sr. No.	Name of functional laboratory	Space	Seating capacity	Utility				
Department of Agronomy								
1.	PG Laboratory	6.60 m x	30	Utilized for conducting PG				
		8.40 m		research				

## c. Information on list of major equipments available for UG degree programme

Sr. No.	Name of the Equipment	Quantity							
Departme	Department of Agronomy								
1.	Electronic Soil moisture meter	1							
2.	Leaf area meter	2							
3.	Flame photometer	1							
4.	Spectrophotometer	1							
5.	Hand Refractometer	1							
6.	Hot air oven universal	2							
7.	Digital moisture meter	1							
8.	Water Analyzer	1							
9.	Electronic top pan balance	1							

# d. Information on farm facilities available at College of Agriculture, Latur utilized for PG degree programme

## PG degree programme

Sr. No.	Name of farm facility	Space	Remark
Departm	ent of Agronomy		
1.	PG Instructional-cum	1.5 ha	Used for conducting PG practicals and
	research farm		research

## b. Information on instructional units available for PG degree programme

Sr. No.	Name of farm	Space	Remark
Departm	ent of Agronomy		
1.	NIL	NIL	NIL

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

Sr. No.	Academic year	Theory batches	Practical batches
1.	2018-19	01	01
2.	2019-20	01	01
3.	2020-21	01	01
4.	2021-22	01	01
5.	2022-23	01	01

A. PG degree programme

## 6.4.5 Conduct of practical and hands-on-training

#### PG degree programme

Practical and Hands-on training for all courses in M.Sc. (Agriculture) are being followed as per the course curriculum recommended by ICAR. Emphasis is being given to practical and hands-on training for successful knowledge transfer to growing and diverse students. Further, to enhance their knowledge of farming, students are regularly taken to the field for demonstrations to develop the skills needed for modern farming. Our well-furnished laboratories and in teaching practical aspects of different agricultural practices and cutting-edge modern science. Students are encouraged to formulate their PG research according to the research priority areas in different disciplines.

There are well-equipped laboratories for conducting hands-on training in each department. The students are given field exposure as well as exposure visits to various experimental sites, field demonstrations, and farmers fields from time to time so as to make them aware of on-farm experiments. The practicals for courses involve various department-wise experiments to give proper exposure and better hands-on training to the students.

#### 6.4.6 Supervision of students in PG/Ph.D. programme

Sr.			No. of students supervised in PG programme					
No.	Name of Faculty	Designation	2018-19	2019-20	2020-21	2021-22	2022-23	
Depar	tment of Agronomy	•						
1.	Dr. P.N. Karanjikar	Professor	02	03	02	02	03	
2.	Dr. A.S. Karle	Professor		01	02	03		
3.	N. K. Kalegore	Associate Professor	02					
4.	Dr. B. N. Aglave	Associate Professor	02	02	02	02	02	
5.	Dr. V. P. Suryavanshi	Associate Professor	03	03	02	02	03	
6.	A. K. Ghotmukale	Assistant Professor	02	02	02	02	02	
7.	Dr. P.G. Chavan	Assistant Professor	01	01	01	01		
8.	Dr. Y. M.Waghmare	Assistant Professor			01	01	01	

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

#### Mechanisms for collecting feedback

The college regularly collects feedback from students, parents, farmers, and industry to know their views in regard to the college. This will be useful for improving the overall performance in various sectors on the basis of feedback. For this purpose, Google Forms were prepared and link shared to the students, comprising different questions related to their expectations from college. The overall feedback of the program obtained from the students was an indication of the measure of knowledge acquired during the course of their study.

Google Forms were also prepared and link shared to the parents and farmers, comprising different questions related to their expectations from the college. The overall feedback will be helpful in improving the facilities provided to them in due course of time.

All the graduating students who satisfied the minimum standards set by the employer, gained recruitment in various agro firms. An employer survey through Google Forms was also conducted with all potential employers to get their impression on the skill-set and capabilities of our Agri-graduates. This feedback was obtained with the objective of improving the employability skills of the graduates, so as to train them to match the standards set by the industries.

The detailed responses gathered through Google Forms for students, parents, farmers and industry were not attached herewith as it will require large space that's why it is stored in separate files with the student and placement cell for verification at the time of the visit. Hence, the information of feedback forms for Students, parents, employers, farmers presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 17-24)

	8 I 8											
Sr.	Name of	Sanctioned	Actual student admitted in last				Attrition (%)					
No.	degree	strength	five years									
	program											
			2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
			-19	-20	-21	-22	-23	-19	-20	-21	-22	-23
1.	M.Sc. (Agri.)	12	12	14	12	13	15		14.28			

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

## PG degree programme-

Year	Appear	Pass out	First Class with Distinction	I class	II class
2018-19	12	12	04	06	02
2019-20	14	12	04	07	01
2020-21	12	12	03	09	
2021-22	13	13	04	09	
2022-23	12	12	03	09	
Total	66	61	18	40	03

#### **M.Sc. Agriculture**

## 6.4.9. ICT Application in Curricula Delivery

The ICT can fill this gap because it can provide access to different sources of information. It will provide correct information as comprehensive as possible in different formats with different examples. ICT provides online interaction facility. Students and teachers can exchange their ideas and views, and get clarification on any topic from different experts, practitioners, etc. It helps learners to broaden the information base. ICT provides variety in the presentation of content which helps learners in concentration, better understanding, and long retention of information which is not possible otherwise. The learners can get opportunity to work on any live project with learners and experts from other countries. Following are the some of the important ICT tools used for Curricula Delivery in our College.

1. Google Classroom	2. Google maps
3. Google Meet	4. Google Forms
5. Microsoft PowerPoint	6. Zoom
7. Educational Videos and animations	8. Educational Website
9. e-Resources	10. Smart Classroom

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

I, the **Dean**, **Dr. B.M. Thombre**, **College of Agriculture**, **Latur** 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

## 6.4. Self-Study Report for the Programme (M.Sc. (Agri.)) In Agricultural Botany

## 6.4.1 Brief History of the Degree Programme

## **Brief History of the PG Degree Programme**

The postgraduate programme leading to the M.Sc. (Agri) degree in Agricultural Botany discipline, was initiated with an intake capacity of six students during the academic year 2002-03 vide GR. No. MKV/2000/PK-220/20A/dated 30 January, 2003. In 2009 intake capacity of M.Sc. (Agri.) students was increased department wise from 6 to 12.

## 6.4.2 Faculty Strength

## Academic strength of faculty members / supporting staff: As on 31.03.2023

Sr. No.	Sanctioned Faculty	No. of sanctioned faculty	Faculty in place	Vacant position
1.	Professor	01		01
2.	Associate Professor	01	01	
3.	Assistant Professor	03		03

Note: -The faculties assigned the responsibilities for multiple programmes (UG and PG).

**Faculty Strength:** If the Degree Programme is also taking the help of Research staff, extension staff, contractual faculty, guest faculty, adjunct faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.

## Research

Sr. No.	Name and Qualification of Guest faculty, Faculty from Research Station, Colleges, Contractual Teacher	Name of the Department who take help to complete the curriculum	Programme	Courses taught	Title of the Course	Semester
1.	Dr.M.V.Dhuppe,	Genetics and	PG	GP-501	Principles of Genetics	Ι
	M.Sc. (Agri.) Ph.D.	Plant Breeding		SST-503	Seed production in Field	Π
	ORS, Latur			331-303	Crops	11

## Teaching

Sr. No.	Name and Qualification of Guest faculty, Faculty from Research Station, Colleges, Contractual Teacher	Name of the Department who take help to complete the curriculum	Programme	Courses taught	Title of the Course	Sem.
1.	Dr. V.N. Toprope, M.Sc. (Agri.) Ph.D.	Genetics and Plant		GP-502	Principles of Cytogenetics	Ι
	COA, Osmanabad	Breeding	PG	GP-510	Breeding for Biotic & Abiotic stress Resistance	II
				GP-515	Maintenance	III

					Breeding, Concept of Variety release and Seed Production	
2.	Dr.S.T.Rathod, M.Sc. (Agri.) Ph.D. COA, Ambajogai	Genetics and Plant Breeding	PG	SST-501	Floral Biology, Seed Devp. & Maturation	Ι

## 6.4.3. Technical and Supporting Staff Position as on 31.03.2023

The information regarding technical and supporting staff sanctioned to the college is presented in the self-study report of the B.Sc. (Hons.) Agriculture program under the heading 6.4.3. There is no bifurcation of this staff as staff for the UG and PG degree programs. As per the needs of the various departments, technical and supporting staff are allotted to the department. Hence, the information presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 5-6)

## Responsibilities of Faculty, Technical and Supporting staff

The faculties of this college are involved in conducting the classes and examinations of PG students. They evaluate the answer books and prepare the results of the students. They also guide to PG students for conducting their research programme. The responsibility of the work of PG admission, examination, scholarship, hostel, gymkhana activities, anti ragging cell, placement cell, purchases required for the development of laboratories, Biological waste disposal facility cell, Institutional Ethics Committee for Experiment on Animals Cell, prevention of Sexual harassment of women at work place cell and Extension Education Activities are also shared by these faculties and supporting staff also look after the assignment related to admission, examination, scholarship, hostel and gymkhana activities. Technical staff is engaged in accounts matter, other than technical correspondence and faculty record in the college.

## 6.4.4 Classrooms and Laboratories

## PG degree programme

## a. Information on classroom for PG degree programme

Department of Agricultural Botany					
1.	PG classroom-cum-	6.32 m x 5.96	30	Curricula delivery through IT	
	seminar Hall	m		(Smart classroom)	

## b. Information on functional laboratories for PG degree programme

Department of Agricultural Botany					
1.	PG Laboratory	7.15 x 8.00m	30	Utilized for conducting PG practicals	

## c. Information on list of major equipments available for UG degree programme

Departme	Department of Agricultural Botany				
1.	Pocket Balance	01			
2.	Trinocular microscope with camera	01			
3.	Rotary Shaker	01			
4.	Deep Freeze	01			
5.	Magnetic Stirrer	01			

## d. Information on farm facilities available at College of Agriculture, Latur utilized

## for PG degree programme

#### PG degree programme

Department of Agricultural Botany				
1.	PG Instructional cum research	0.8 ha	Used for conducting PG practicals and PG	
	farm		research work	

## b. Information on instructional units available for PG degree programme

Depar	rtment of Agricultural Botany		
1.	NIL	NIL	NIL

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

## A. PG degree programme

Sr. No.	Academic year	Theory batches	Practical batches
1.	2018-19	01	01
2.	2019-20	01	01
3.	2020-21	01	01
4.	2021-22	01	01
5.	2022-23	01	01

## 6.4.6 Conduct of practical and hands-on-training

## PG degree programme

Practical and Hands-on training for all courses in M.Sc. (Agriculture) are being followed as per the course curriculum recommended by ICAR. Emphasis is being given to practical and hands-on training for successful knowledge transfer to growing and diverse students. Further, to enhance their knowledge of farming, students are regularly taken to the field for demonstrations to develop the skills needed for modern farming. Our well-furnished laboratories and in teaching practical aspects of different agricultural practices and cuttingedge modern science. Students are encouraged to formulate their PG research according to the research priority areas in different disciplines.

There are well-equipped laboratories for conducting hands-on training in each department. The students are given field exposure as well as exposure visits to various experimental sites, field demonstrations, and farmers fields from time to time so as to make them aware of on-farm experiments. The practicals for courses involve various department-wise experiments to give proper exposure and better hands-on training to the students.

Sr.			No. of students supervised in PG programme				
No.	Name of Faculty	Designation	2018-19	2019-20	2020-21	2021-22	2022-23
Depar	tment of Agricultural Botany				-	-	
1.	Dr. P.B. Wadikar	Associate Professor	03	03	03	03	03
2.	Dr. S.P. Pole	Assistant Professor				03	03
3.	Dr. M.K. Ghodke	Oilseed Specialist	03	02	02	03	
4.	Dr. V.N. Toprope	Associate Professor	03	03	03	03	02
5.	Dr. M.V. Dhuppe	Associate Professor	01	01	02	02	02
6.	Dr. S.T. Rathod	Assistant Professor	01				02
7.	Dr. A.M. Misal	Assistant Breeder	01	02	02		

6.4.6 Supervision of students in PG/Ph.D. programme

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

#### Mechanisms for collecting feedback

The college regularly collects feedback from students, parents, farmers, and industry to know their views in regard to the college. This will be useful for improving the overall performance in various sectors on the basis of feedback. For this purpose, Google Forms were prepared and link shared to the students, comprising different questions related to their expectations from college. The overall feedback of the program obtained from the students was an indication of the measure of knowledge acquired during the course of their study.

Google Forms were also prepared and link shared to the parents and farmers, comprising different questions related to their expectations from the college. The overall feedback will be helpful in improving the facilities provided to them in due course of time.

All the graduating students who satisfied the minimum standards set by the employer, gained recruitment in various agro firms. An employer survey through Google Forms was also conducted with all potential employers to get their impression on the skill-set and capabilities of our Agri-graduates. This feedback was obtained with the objective of

improving the employability skills of the graduates, so as to train them to match the standards set by the industries.

The detailed responses gathered through Google Forms for students, parents, farmers and industry were not attached herewith as it will require large space that's why it is stored in separate files with the student and placement cell for verification at the time of the visit. Hence, the information of feedback forms for Students, parents, employers, farmers presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 17-24)

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

PG de	gree	progr	amme-
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Sr. No.	Name of degree	Sanctioned strength	Actual student admitted in last five years					Attrition (%)				
	program		2018 -19	2019 -20	2020 -21	2021 -22	2022 -23	2018 -19	2019 -20	2020 -21	2021 -22	2022 -23
1.	M.Sc. (Agri.)	12	12	12	14	12	13			7.14		

#### M.Sc. Agriculture

Year	Appear	Pass out	First Class with Distinction	I class	II class
2018-19	12	12		09	03
2019-20	12	12	10	02	
2020-21	14	13	09	04	
2021-22	12	12	09	03	
2022-23	13	13	09	04	
Total	63	62	37	22	03

#### 6.4.9. ICT Application in Curricula Delivery

The ICT can fill this gap because it can provide access to different sources of information. It will provide correct information as comprehensive as possible in different formats with different examples. ICT provides online interaction facility. Students and teachers can exchange their ideas and views, and get clarification on any topic from different experts, practitioners, etc. It helps learners to broaden the information base. ICT provides variety in the presentation of content which helps learners in concentration, better understanding, and long retention of information which is not possible otherwise. The learners can get opportunity to work on any live project with learners and experts from other countries. Following are the some of the important ICT tools used for Curricula Delivery in our College.

- 1. Google Classroom
- 2. Google maps
- 3. Google Meet
- 4. Google Forms
- 5. Microsoft PowerPoint
- 6. Zoom
- 7. Educational Videos and animations
- 8. Educational Website
- 9. e-Resources
- 10. Smart Classroom

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

I, the **Dean, Dr. B.M. Thombre, College of Agriculture, Latur** 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

# 6.4. Self-Study Report for the Programme (M.Sc. (Agri.)) In Agricultural Economics

## 6.4.1 Brief History of the Degree Programme

## **Brief History of the PG Degree Programme**

The postgraduate programme leading to the M.Sc. (Agri) degree in Agricultural Economics discipline was initiated with an intake capacity of six students; during the academic year 2002-03 vide GR. No. MKV/2000/PK-220/20A/dated 30 January, 2003. In 2009 intake capacity of M.Sc. (Agri.) students was increased department wise from 6 to 12.

## 6.4.2 Faculty Strength

#### Academic strength of faculty members / supporting staff: As on 31.03.2023

Sr. No.	Sanctioned Faculty	No. of sanctioned faculty	Faculty in place	Vacant position
1.	Professor	01		01
2.	Associate Professor	01	01	
3.	Assistant Professor	02		02

Note:-The faculties assigned the responsibilities for multiple programmes (UG and PG).

**Faculty Strength:** If the Degree Programme is also taking the help of Research staff, extension staff, contractual faculty, guest faculty, adjunct faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.

## Contractual

Sr. No.	Name and Qualification of Guest faculty, Faculty from Research Station, Colleges, Contractual Teacher	Name of the Department who take help to complete the curriculum	Programme	Courses taught	Title of the Course	Semester
1.	Dr.J.B.Tawale	Agricultural Economics	PG	AG.ECON 504	Agricultural Production Economics	Π
2.	Miss P.A. Dange		PG	STAT-502	Statistical Methods for Applied / Social Sciences	Ι

## 6.4.3. Technical and Supporting Staff Position as on 31.03.2023

The information regarding technical and supporting staff sanctioned to the college is presented in the self-study report of the B.Sc. (Hons.) Agriculture program under the heading 6.4.3. There is no bifurcation of this staff as staff for the UG and PG degree programs. As per the needs of the various departments, technical and supporting staff are allotted to the department. Hence, the information presented in the SSR of the B.Sc. (Hons.) Agriculture

program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 5-6)

## Responsibilities of Faculty, Technical and Supporting staff

The faculties of this college are involved in conducting the classes and examinations of PG students. They evaluate the answer books and prepare the results of the students. They also guide to PG students for conducting their research programme. The responsibility of the work of PG admission, examination, scholarship, hostel, gymkhana activities, anti ragging cell, placement cell, purchases required for the development of laboratories, Biological waste disposal facility cell, Institutional Ethics Committee for Experiment on Animals Cell, prevention of Sexual harassment of women at work place cell and Extension Education Activities are also shared by these faculties and supporting staff also look after the assignment related to admission, examination, scholarship, hostel and gymkhana activities. Technical staff is engaged in accounts matter, other than technical correspondence and faculty record in the college.

## 6.4.4 Classrooms and Laboratories

## PG degree programme

## a. Information on classroom for PG degree programme

Depar	Department of Agricultural Economics										
1.	PG classroom-cum-	11.83 m x	70	Curricula delivery through IT							
	seminar Hall	7.81 m		(Smart classroom)							

## b. Information on functional laboratories for PG degree programme

Depar	Department of Agricultural Economics										
1.	Computer	7.60 m x 4.0 m	12	Utilized for conducting PG practicals							
	Laboratory			and PG research data analysis							

## c. Information on list of major equipments available for UG degree programme

Departme	Department of Agricultural Economics							
1.	Computer Desktop	01						
2.	Overhead projector(Sony)	01						

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

## A. PG degree programme

Sr. No.	Academic year	Theory batches	Practical batches
1.	2018-19	01	01
2.	2019-20	01	01
3.	2020-21	01	01
4.	2021-22	01	01
5.	2022-23	01	01

#### 6.4.6. Conduct of practical and hands-on-training

#### PG degree programme

Practical and Hands-on training for all courses in M.Sc. (Agriculture) are being followed as per the course curriculum recommended by ICAR. Emphasis is being given to practical and hands-on training for successful knowledge transfer to growing and diverse students. Further, to enhance their knowledge of farming, students are regularly taken to the field for demonstrations to develop the skills needed for modern farming. Our well-furnished laboratories and in teaching practical aspects of different agricultural practices and cutting-edge modern science. Students are encouraged to formulate their PG research according to the research priority areas in different disciplines.

There are well-equipped laboratories for conducting hands-on training in each department. The students are given field exposure as well as exposure visits to various experimental sites, field demonstrations, and farmers fields from time to time so as to make them aware of on-farm experiments. The practicals for courses involve various department-wise experiments to give proper exposure and better hands-on training to the students.

#### 6.4.6 Supervision of students in PG/Ph.D. programme

C.,			No.		dents s progra	-	ed in
Sr. No.	Name of Faculty	Designation	2018-19	2019-20	2020-21	2021-22	2022-23
Depar	tment of Agricultural Econor	nics					
1.	Shri.S.H.Kamble	Associate Professor	02	04	04	05	04
2.	Dr. R.D. Shelke	Associate Professor	06	05	04	05	04
3.	Dr.J.B.Tawale	Assistant Professor	02	01	02		02

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

## Mechanisms for collecting feedback

The college regularly collects feedback from students, parents, farmers, and industry to know their views in regard to the college. This will be useful for improving the overall performance in various sectors on the basis of feedback. For this purpose, Google Forms were prepared and link shared to the students, comprising different questions related to their expectations from college. The overall feedback of the program obtained from the students was an indication of the measure of knowledge acquired during the course of their study. Google Forms were also prepared and link shared to the parents and farmers, comprising different questions related to their expectations from the college. The overall feedback will be helpful in improving the facilities provided to them in due course of time.

All the graduating students who satisfied the minimum standards set by the employer, gained recruitment in various agro firms. An employer survey through Google Forms was also conducted with all potential employers to get their impression on the skill-set and capabilities of our Agri-graduates. This feedback was obtained with the objective of improving the employability skills of the graduates, so as to train them to match the standards set by the industries.

The detailed responses gathered through Google Forms for students, parents, farmers and industry were not attached herewith as it will require large space that's why it is stored in separate files with the student and placement cell for verification at the time of the visit. Hence, the information of feedback forms for Students, parents, employers, farmers presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 17-24)

6.4.8.	Student intake and attrition in the programme for last five years
PG de	gree programme-

		Actu		dent a five ye	dmitte ears	d in	Attrition (%)					
Sr. No.	Name of degree program	Sanctioned strength	2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23
1.	M.Sc. (Agri.)	12	12	10	10	12	11	25			16.66	

#### **M.Sc. Agriculture**

Year	Appear	Pass out	First Class with Distinction	I class	II class
2018-19	12	12	04	08	
2019-20	10	10	02	08	
2020-21	10	10	05	05	
2021-22	12	10	05	05	
2022-23	11	10	05	05	
Total	55	52	21	31	

#### 6.4.9. ICT Application in Curricula Delivery

The ICT can fill this gap because it can provide access to different sources of information. It will provide correct information as comprehensive as possible in different formats with different examples. ICT provides online interaction facility. Students and teachers can exchange their ideas and views, and get clarification on any topic from different experts, practitioners, etc. It helps learners to broaden the information base. ICT provides variety in the presentation of content which helps learners in concentration, better understanding, and long retention of information which is not possible otherwise. The learners can get opportunity to work on any live project with learners and experts from other countries. Following are the some of the important ICT tools used for Curricula Delivery in our College.

1. Google Classroom	2. Google maps
3. Google Meet	4. Google Forms
5. Microsoft PowerPoint	6. Zoom
7. Educational Videos and animations	8. Educational Website
9. e-Resources	10. Smart Classroom

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

I, the **Dean**, **Dr. B.M. Thombre**, **College of Agriculture**, **Latur** 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

# 6.4. Self-Study Report for the Programme (M.Sc. (Agri.)) in Agricultural Entomology

## 6.4.1 Brief History of the Degree Programme

## **Brief History of the PG Degree Programme**

The postgraduate programme leading to the M.Sc. (Agri) degree in Agricultural Entomology discipline was initiated with an intake capacity of six students; during the academic year 2002-03 vide GR. No. MKV/2000/PK-220/20A/dated 30 January, 2003. In 2009 intake capacity of M.Sc. (Agri.) students was increased department wise from 6 to 12.

## 6.4.2 Faculty Strength

## Academic strength of faculty members / supporting staff: As on 31.03.2023

Sr. No.	Sanctioned Faculty	No. of sanctioned faculty	Faculty in place	Vacant position
1.	Professor	01	01	
2.	Associate Professor	01	01	
3.	Assistant Professor	03	01	02

Note:-The faculties assigned the responsibilities for multiple programmes (UG and PG).

**Faculty Strength:** If the Degree Programme is also taking the help of Research staff, extension staff, contractual faculty, guest faculty, adjunct faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.

## Research

Sr. No.	Name and Qualification of Guest faculty, Faculty from Research Station, Colleges, Contractual Teacher	Name of the Department who take help to complete the curriculum	Programme	Courses taught	Title of the Course	Semester
1.	Dr. D.S. Mutkule Jr. Entomologist, ORS, Latur	Agricultural Entomology	PG	ENT-511	Pests of Field crops (2018-19, 2019-20, 2020-21)	Ι
				ENT-505	Insect Ecology (2019-20)	II

## Teaching

Sr. No.	Name and Qualification of Guest faculty, Faculty from Research Station, Colleges, Contractual Teacher	Name of the Department who take help to complete the curriculum	Programme	Courses taught	Title of the Course	Sem.
1.	Dr. P.K. Nalwandikar Associate Professor. COA, Ambajogai	Agricultural Entomology	PG	ENT-510	Principles of Integrated Pest Management (2019-20)	Ι
			PG	ENT-512	Pests of Horticultural and Plantation Crops (2018-19, 2019-20)	Π
2.	Dr. Anita Sable Assistant Professor, CoA, Osmanabad	Agricultural Entomology		ENT-510	Principles of Integrated Pest Management (2020-21, 2021-22)	Ι
			PG	ENT-504	Classification of Insects (2019-20, 2021-22)	II
				ENT-505	Insect Ecology (2019-20)	Π
3.	Dr. N.E. Jayewar Assistant Professor,	Agricultural Entomology		ENT-511	Pests of Field crops (2021-22)	Ι
	CoA, Ambajogai		PG	ENT-512	Pests of Horticultural and Plantation Crops (2020-21, 2021-22)	II

## Contractual

Sr. No.	Name and Qualification of Guest faculty, Faculty from Research Station, Colleges, Contractual Teacher	Name of the Department who take help to complete the curriculum	Programme	Courses taught	Title of the Course	Semester
	NIL	NIL		NIL	NIL	

#### 6.4.3. Technical and Supporting Staff Position as on 31.03.2023

The information regarding technical and supporting staff sanctioned to the college is presented in the self-study report of the B.Sc. (Hons.) Agriculture program under the heading 6.4.3. There is no bifurcation of this staff as staff for the UG and PG degree programs. As per the needs of the various departments, technical and supporting staff are allotted to the department. Hence, the information presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 5-6)

## Responsibilities of Faculty, Technical and Supporting staff

The faculties of this college are involved in conducting the classes and examinations of PG students. They evaluate the answer books and prepare the results of the students. They also guide to PG students for conducting their research programme. The responsibility of the work of PG admission, examination, scholarship, hostel, gymkhana activities, anti ragging cell, placement cell, purchases required for the development of laboratories, Biological waste disposal facility cell, Institutional Ethics Committee for Experiment on Animals Cell, prevention of Sexual harassment of women at work place cell and Extension Education Activities are also shared by these faculties and supporting staff also look after the assignment related to admission, examination, scholarship, hostel and gymkhana activities. Technical staff is engaged in accounts matter, other than technical correspondence and faculty record in the college.

## 6.4.4 Classrooms and Laboratories

## PG degree programme

## a. Information on classroom for PG degree programme

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

## b. Information on functional laboratories for PG degree programme

Depa	Department of Agricultural Entomology				
1.	PG Laboratory	16.79 m x 7.92	60	Utilized for conducting PG	
		m		research and practicals	
	<b>Biological Control</b>	16.98 m x 7.92		Utilized for conducting research	
	Laboratory	m		and practicals on biological control	
	Insect Museum	8.23 m x 7.92		Used for conducting PG research	
		m		and practicals on insect taxonomy	
	Commercial	15.30 m x 7.30		Used for conducting PG research	
	Sericulture	m		and practicals on sericulture	
	Unit				

Departn	Department of Agricultural Entomology				
1.	Students microscope(JRMC-20)	04			
2.	Dissection microscope	35			
3.	Getner stereoscopic microscope	01			
4.	Binocular microscope MAC	01			
5.	Research Binocular microscope	02			
6.	BOD incubator	02			
7.	Centrifuge	01			
8.	U.V. chamber	01			
9.	Digital top pan balance INOSAW	02			
10.	Hot air oven MAC	01			
11.	TLC plate MAC	01			
12.	Autoclave MAC	01			
13.	Horizontal laminar flow	01			
14.	Sattorius analytic balance	01			
15.	Mono Quartz Distillation Unit with DAPS	01			
16.	Rotary vacuum evaporator	01			
17.	Humidifier cum heater	02			
18.	Weighing electronic balance	01			
19.	De-flossing machine	01			
20.	Aspee CDP	01			
21.	Sprayers	16			

## c. Information on list of major equipments available for UG degree programme

# d. Information on farm facilities available at College of Agriculture, Latur utilized for PG degree programme

## PG degree programme

Depa	Department of Agricultural Entomology				
1.	PG Instructional-cum	1.5 ha	Used for conducting PG research and		
	research farm		practicals		
	Mulberry plantation	1 ha	Used for conducting research and practicals on sericulture		
	Honeybee foraging garden	0.5 ha	Used for conducting PG research and practicals		

## b. Information on instructional units available for PG degree programme

Depa	Department of Agricultural Entomology					
1.	Insect Museum	8.23 m x	Used for conducting UG/PG			
		7.92 m	practicals			
2.	Mulberry plantation	1 ha	Used for conducting research and			
			practicals on sericulture			
	Commercial Sericulture Unit	15.30 m x	Used for conducting PG research and			
		7.30 m	practicals on sericulture			

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

Sr. No.	Academic year	Theory batches	Practical batches
1.	2018-19	01	01
2.	2019-20	01	01
3.	2020-21	01	01
4.	2021-22	01	01
5.	2022-23	01	01

A. PG degree programme

## 6.4.6. Conduct of practical and hands-on-training

## PG degree programme

Practical and Hands-on training for all courses in M.Sc. (Agriculture) are being followed as per the course curriculum recommended by ICAR. Emphasis is being given to practical and hands-on training for successful knowledge transfer to growing and diverse students. Further, to enhance their knowledge of farming, students are regularly taken to the field for demonstrations to develop the skills needed for modern farming. Our well-furnished laboratories and in teaching practical aspects of different agricultural practices and cutting-edge modern science. Students are encouraged to formulate their PG research according to the research priority areas in different disciplines.

There are well-equipped laboratories for conducting hands-on training in each department. The students are given field exposure as well as exposure visits to various experimental sites, field demonstrations, and farmers fields from time to time so as to make them aware of on-farm experiments. The practicals for courses involve various department-wise experiments to give proper exposure and better hands-on training to the students.

## 6.4.6 Supervision of students in PG/Ph.D. programme

		Designation		No. of students supervised in PG programme					
Sr. No.	Name of Faculty			2019-20	2020-21	2021-22	2022-23		
Depar	rtment of Agricultural Ento	omology							
1.	Dr. V.K. Bhamare	Associate Professor	6	4	4	2	4		
2.	Dr. P.K. Nalwandikar	Associate Professor.	2	1	2	1	-		
		COA, Ambajogai							
3.	Dr. D.S. Mutkule	Jr. Entomologist, ORS,	2	3	3	3	-		
		Latur							
4.	Dr. D.G. More	Assistant Professor	-	3	3	3	4		
5.	Dr. S.M. Telang	Asst Entomologist,Cotton	-	1	-	-	-		
		Research Station, Nanded							

6.	Dr. Anita Sable	Assistant Professor, CoA,	-	-	-	1	1
		Osmanabad					
7.	Dr. B.V. Bhede	Assistant Entomologist,	-	-	-	-	1
		Cotton Research Station,					
		Nanded					
8.	Dr. N.E. Jayewar	Assistant Professor, CoA,	-	-	-	-	1
		Ambajogai					

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

#### Mechanisms for collecting feedback

The college regularly collects feedback from students, parents, farmers, and industry to know their views in regard to the college. This will be useful for improving the overall performance in various sectors on the basis of feedback. For this purpose, Google Forms were prepared and link shared to the students, comprising different questions related to their expectations from college. The overall feedback of the program obtained from the students was an indication of the measure of knowledge acquired during the course of their study.

Google Forms were also prepared and link shared to the parents and farmers, comprising different questions related to their expectations from the college. The overall feedback will be helpful in improving the facilities provided to them in due course of time.

All the graduating students who satisfied the minimum standards set by the employer, gained recruitment in various agro firms. An employer survey through Google Forms was also conducted with all potential employers to get their impression on the skill-set and capabilities of our Agri-graduates. This feedback was obtained with the objective of improving the employability skills of the graduates, so as to train them to match the standards set by the industries.

The detailed responses gathered through Google Forms for students, parents, farmers and industry were not attached herewith as it will require large space that's why it is stored in separate files with the student and placement cell for verification at the time of the visit. Hence, the information of feedback forms for Students, parents, employers, farmers presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 17-24)

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

PG degree programme-

	Name of		Actu		dent a five y	dmitte ears	ed in		Att	rition (	(%)	
Sr. No.	degree program	Sanctioned strength	2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23
1.	M.Sc. (Agri.)	12	12	12	11	12	10			3.50		20

## **M.Sc. Agriculture**

Year	Appear	Pass out	First Class with Distinction	I class	II class
2018-19	12	12	08	04	
2019-20	12	12	10	02	
2020-21	11	10	04	06	
2021-22	12	11	05	06	
2022-23	10	10	04	06	
Total	57	55	31	24	

## 6.4.9. ICT Application in Curricula Delivery

The ICT can fill this gap because it can provide access to different sources of information. It will provide correct information as comprehensive as possible in different formats with different examples. ICT provides online interaction facility. Students and teachers can exchange their ideas and views, and get clarification on any topic from different experts, practitioners, etc. It helps learners to broaden the information base. ICT provides variety in the presentation of content which helps learners in concentration, better understanding, and long retention of information which is not possible otherwise. The learners can get opportunity to work on any live project with learners and experts from other countries. Following are the some of the important ICT tools used for Curricula Delivery in our College.

1. Google Classroom	2. Google maps
3. Google Meet	4. Google Forms
5. Microsoft PowerPoint	6. Zoom
7. Educational Videos and animations	8. Educational Website
9. e-Resources	10. Smart Classroom

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

I, the **Dean**, **Dr. B.M. Thombre**, **College of Agriculture**, **Latur** 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

## 6.4. Self-Study Report for the Programme (M.Sc. (Agri.)) in Animal Husbandry and Dairy Science

#### 6.4.1 Brief History of the Degree Programme

#### **Brief History of the PG Degree Programme**

PG programme was initiated in Animal Husbandry and Dairy Science discipline during the academic year 2005-06. In 2009 intake capacity of M.Sc. (Agri.) students was increased department wise from 6 to 12.

#### 6.4.2 Faculty Strength

#### Academic strength of faculty members / supporting staff: As on 31.03.2023

Sr. No.	Sanctioned Faculty	No. of sanctioned faculty	Faculty in place	Vacant position
1.	Professor	01	01	
2.	Associate Professor	01		01
3.	Assistant Professor	04		04

Note: -The faculties assigned the responsibilities for multiple programmes (UG and PG).

**Faculty Strength:** If the Degree Programme is also taking the help of Research staff, extension staff, contractual faculty, guest faculty, adjunct faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.

## 6.4.3. Technical and Supporting Staff Position as on 31.03.2023

The information regarding technical and supporting staff sanctioned to the college is presented in the self-study report of the B.Sc. (Hons.) Agriculture program under the heading 6.4.3. There is no bifurcation of this staff as staff for the UG and PG degree programs. As per the needs of the various departments, technical and supporting staff are allotted to the department. Hence, the information presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 5-6)

#### **Responsibilities of Faculty, Technical and Supporting staff**

The faculties of this college are involved in conducting the classes and examinations of PG students. They evaluate the answer books and prepare the results of the students. They also guide to PG students for conducting their research programme. The responsibility of the work of PG admission, examination, scholarship, hostel, gymkhana activities, anti ragging cell, placement cell, purchases required for the development of laboratories, Biological waste disposal facility cell, Institutional Ethics Committee for Experiment on Animals Cell, prevention of Sexual harassment of women at work place cell and Extension Education Activities are also shared by these faculties and supporting staff also look after the assignment related to admission, examination, scholarship, hostel and gymkhana activities. Technical staff is engaged in accounts matter, other than technical correspondence and faculty record in the college.

## 6.4.4 Classrooms and Laboratories

## PG degree programme

## a. Information on classroom for PG degree programme

Department of Animal Husbandry and Dairy Science						
1.	PG Lecture/Seminar	7.98 m x	40	Curricula delivery through IT		
	Hall	4.88 m		(Smart classroom)		

## b. Information on functional laboratories for PG degree programme

Department of Animal Husbandry and Dairy Science							
1. PG practical	11.64 m x 6.55	40	Utilized for conducting PG				
classroom-cum- seminar Hall	m		practicals				

## c. Information on list of major equipments available for UG degree programme

Departm	Department of Animal Husbandry and Dairy Science					
1.	Autoclave (Small / vertical)	01				
2.	Gerber's centrifuge machine	02				
3.	Laminar air flow cabinet	01				
4.	Cream separator	01				
5.	B.O.D. Incubator	02				
6.	Hot air oven	02				
7.	Deep Freezer	01				
8.	Bacteriological Incubator	01				
9.	Kjeldahl Digestion Apparatus	01				
11.	Muffle Furnace	01				
12.	Automatic Milk Analyser	01				
13.	Glass Distillation Apparatus	01				
14.	Digital Colony Counter	01				
15.	Digital Dynamometer	01				

## d. Information on farm facilities available at College of Agriculture, Latur utilized

## for PG degree programme

## PG degree programme

Depa	Department of Animal Husbandry and Dairy Science						
1.	PG Instructional fodder	4.28 ha	Used for Instructional/ practical/ demo.				
	cafeteria		purpose and conducting PG practicals				

Depa	Department of Animal Husbandry and Dairy Science						
1.	Cattle shed	13.72 x	Used for conducting UG/PG practicals				
		9.14 m					
2.	Goat shed	14.93 m x	Used for conducting UG/PG practicals				
		6.70 m					
3.	Experimental poultry house	4.48 m x	Used for conducting practicals of ELP on				
		6.03 m	Commercial Broiler Production.				
			Used for conducting PG research on				
			Broiler				

## b. Information on instructional units available for PG degree programme

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

Sr. No.	Academic year	Theory batches	Practical batches
1.	2018-19	01	01
2.	2019-20	01	01
3.	2020-21	01	01
4.	2021-22	01	01
5.	2022-23	01	01

## A. PG degree programme

## 6.4.6 Conduct of practical and hands-on-training

## PG degree programme

Practical and Hands-on training for all courses in M.Sc. (Agriculture) are being followed as per the course curriculum recommended by ICAR. Emphasis is being given to practical and hands-on training for successful knowledge transfer to growing and diverse students. Further, to enhance their knowledge of farming, students are regularly taken to the field for demonstrations to develop the skills needed for modern farming. Our well-furnished laboratories and in teaching practical aspects of different agricultural practices and cutting-edge modern science. Students are encouraged to formulate their PG research according to the research priority areas in different disciplines.

There are well-equipped laboratories for conducting hands-on training in each department. The students are given field exposure as well as exposure visits to various experimental sites, field demonstrations, and farmers fields from time to time so as to make them aware of on-farm experiments. The practicals for courses involve various department-wise experiments to give proper exposure and better hands-on training to the students.

			No. of students supervised in PG programme					
Sr. No.	Name of Faculty	Designation	2018-19	2019-20	2020-21	2021-22	2022-23	
Department of Animal Husbandry and Dairy Science								
1.	Dr. B. M. Thombre	Professor	-	03	02	02	02	
2.	Dr. D.S. Chauhan	Professor	01	-	02	04	03	
3.	Dr. A.T. Shinde	Associate Professor	01	03	02	03	03	
4.	Dr. P.V. Padghan	Associate Professor	03	04	03	02	-	
5.	Dr. R.A. Patil	Assistant Professor	04	-	-	-	-	
6.	Prof. K.R.Chavan	Assistant Professor	01	01	01	01	01	
7.	Prof. M.U. Tanpure	Assistant Professor	01	-	-	-	-	
8.	Dr. N.S. Kamble	Assistant Professor	01	01	02	-	-	
9.	Dr. B. C. Andhare	Assistant Professor	-	-	-	-	02	

#### 6.4.6 Supervision of students in PG/Ph.D. programme

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

#### Mechanisms for collecting feedback

The college regularly collects feedback from students, parents, farmers, and industry to know their views in regard to the college. This will be useful for improving the overall performance in various sectors on the basis of feedback. For this purpose, Google Forms were prepared and link shared to the students, comprising different questions related to their expectations from college. The overall feedback of the program obtained from the students was an indication of the measure of knowledge acquired during the course of their study.

Google Forms were also prepared and link shared to the parents and farmers, comprising different questions related to their expectations from the college. The overall feedback will be helpful in improving the facilities provided to them in due course of time.

All the graduating students who satisfied the minimum standards set by the employer, gained recruitment in various agro firms. An employer survey through Google Forms was also conducted with all potential employers to get their impression on the skill-set and capabilities of our Agri-graduates. This feedback was obtained with the objective of improving the employability skills of the graduates, so as to train them to match the standards set by the industries.

The detailed responses gathered through Google Forms for students, parents, farmers and industry were not attached herewith as it will require large space that's why it is stored in separate files with the student and placement cell for verification at the time of the visit. Hence, the information of feedback forms for Students, parents, employers, farmers presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 17-24)

6.4.8.	Student intake and attrition in the programme for last five years
PG deg	ree programme-

A Name of A		Actual student admitted in last five years			Attrition (%)							
Sr. No.	degree program	Sanctione d strength	2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23
	M.Sc.	06	06	07	06	06	05	16.66				
1.	(Agri.) AHDS	06	06	05	06	06	06	16.66	20			

M.Sc. Agriculture in Animal Husbandry

Year	Appear	Pass out	First Class with Distinction	I class	II class
2018-19	06	04	01	02	01
2019-20	07	07		07	
2020-21	06	06	01	05	
2021-22	06	06	02	04	
2022-23	05	05	01	04	
Total	30	28	05	22	01

Year	Appear	Pass out	<b>First Class With Distinction</b>	I class	II class
2018-19	06	05	02	02	01
2019-20	05	04	02	02	
2020-21	06	06	02	04	
2021-22	06	06	04	02	
2022-23	06	06	02	04	
Total	29	27	12	14	01

## M.Sc. Agriculture in Dairy Science

#### 6.4.9. ICT Application in Curricula Delivery

The ICT can fill this gap because it can provide access to different sources of information. It will provide correct information as comprehensive as possible in different formats with different examples. ICT provides online interaction facility. Students and teachers can exchange their ideas and views, and get clarification on any topic from different experts, practitioners, etc. It helps learners to broaden the information base. ICT provides variety in the presentation of content which helps learners in concentration, better understanding, and long retention of information which is not possible otherwise. The learners can get opportunity to work on any live project with learners and experts from other countries.

- 1. Google Classroom
- 2. Google maps
- 3. Google Meet
- 4. Google Forms
- 5. Microsoft PowerPoint
- 6. Zoom
- 7. Educational Videos and animations
- 8. e-Resources

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

I, the **Dean, Dr. B.M. Thombre, College of Agriculture, Latur** 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

## 6.4. Self-Study Report for the Programme (M.Sc. (Agri.)) in Extension Education

#### 6.4.1 Brief History of the Degree Programme

#### **Brief History of the PG Degree Programme**

PG programme was initiated in Agricultural Extension Education discipline during the academic year 2005-06. In 2009 intake capacity of M.Sc. (Agri.) students was increased department wise from 6 to 12.

#### 6.4.2 Faculty Strength

#### Academic strength of faculty members / supporting staff: As on 31.03.2023

Sr. No.	Sanctioned Faculty	No. of sanctioned faculty	Faculty in place	Vacant position
1.	Professor	01	01	
2.	Associate Professor	01	01	
3.	Assistant Professor	02	01	01

Note: -The faculties assigned the responsibilities for multiple programmes (UG and PG).

#### 6.4.3. Technical and Supporting Staff Position as on 31.03.2023

The information regarding technical and supporting staff sanctioned to the college is presented in the self-study report of the B.Sc. (Hons.) Agriculture program under the heading 6.4.3. There is no bifurcation of this staff as staff for the UG and PG degree programs. As per the needs of the various departments, technical and supporting staff are allotted to the department. Hence, the information presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 5-6)

#### **Responsibilities of Faculty, Technical and Supporting staff**

The faculties of this college are involved in conducting the classes and examinations of PG students. They evaluate the answer books and prepare the results of the students. They also guide to PG students for conducting their research programme. The responsibility of the work of PG admission, examination, scholarship, hostel, gymkhana activities, anti ragging cell, placement cell, purchases required for the development of laboratories, Biological waste disposal facility cell, Institutional Ethics Committee for Experiment on Animals Cell, prevention of Sexual harassment of women at work place cell and Extension Education Activities are also shared by these faculties and supporting staff also look after the assignment related to admission, examination, scholarship, hostel and gymkhana activities. Technical staff is engaged in accounts matter, other than technical correspondence and faculty record in the college.

## 6.4.4 Classrooms and Laboratories

## PG degree programme

## a. Information on classroom for PG degree programme

## **Department of Extension Education**

<b>1</b>	r	r	T	
1.	PG classroom	9.30 m x	48	Curricula delivery through IT
		6.50 m		(Smart classroom)

## b. Information on functional laboratories for PG degree programme

Department of Extension Education						
1.	PG Laboratory	9.30 m x 6.50	48	Utilized for conducting PG		
		m		practicals		

## c. Information on list of major equipments available for UG degree programme

Departm	nent of Extension Education	
1.	Automatic slide Projector	01
2.	Over Head Projector	01
3.	Ahuja Universal Sound Unit	02
4.	Ahuja Reflex Horn	02
5.	Ahuja Sound Column	02
6.	Ahuja Micro Phone	07
7.	Ahuja Mike Stand	09
8.	Ahuja Mike PCM 100	01
9.	Amplifier (Megha) cum Tape Recorder	01
10.	Exhibition Display Stand	03
11.	Compact Over Head Projector CMP 330	01
12.	Sony Tape Recorder Micro CD Music System	01
13.	Video Camera (Handy Cam) Dit-8	01
14.	LCD Projector	01
15.	Digital Camera	01
16.	Ahuja Amplifier SSA-350	01
17.	Ahuja Dual Cordless Micro Phone AWM-490 V2	01
18.	Ahuja one Wireless Mike & ) Hand Mike	01
19.	Ahuja Drive Unit AU-40 XT	02
20.	Ahuja Sound Column ASC-20T	02
21.	Ahuja Table Mike ACM -66 CH	01
22.	Ahuja Rolex Horn	02
23.	Hp Desktop Computers with printers	03

#### b. Information on instructional units available for PG degree programme

Depa	artment of Extension Education		
1.	Audio Video Aid Lab	9.30 m x	Used for conducting PG practicals
		6.50 m	

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

Sr. No.	Academic year	Theory batches	Practical batches
1.	2018-19	01	01
2.	2019-20	01	01
3.	2020-21	01	01
4.	2021-22	01	01
5.	2022-23	01	01

A. PG degree programme

## 6.4.6 Conduct of practical and hands-on-training

## PG degree programme

Practical and Hands-on training for all courses in M.Sc. (Agriculture) are being followed as per the course curriculum recommended by ICAR. Emphasis is being given to practical and hands-on training for successful knowledge transfer to growing and diverse students. Further, to enhance their knowledge of farming, students are regularly taken to the field for demonstrations to develop the skills needed for modern farming. Our well-furnished laboratories and in teaching practical aspects of different agricultural practices and cutting-edge modern science. Students are encouraged to formulate their PG research according to the research priority areas in different disciplines.

There are well-equipped laboratories for conducting hands-on training in each department. The students are given field exposure as well as exposure visits to various experimental sites, field demonstrations, and farmers fields from time to time so as to make them aware of on-farm experiments. The practicals for courses involve various department-wise experiments to give proper exposure and better hands-on training to the students.

6.4.6 Supervision of students in PG/Ph.D. programme	6.4.6	Supervision	of students in l	PG/Ph.D. programme
---	-------	-------------	------------------	--------------------

			No. of students supervised in PG programme				
Sr. No.	Name of Faculty	Designation	2018-19	2019-20	2020-21	2021-22	2022-23
Department of Extension Education							
1.	Dr. V.B.Kamble	Professor	03	02	01	01	03
2.	Dr. J.M.Deshmukh	Associate Professor	03	02	02	03	02
3.	Dr. D.D.Suradkar	Assistant Professor	03	03	04	02	03
4.	Dr. K.S. Thorat	Assistant Professor	01	02	03	02	01
5.	Dr. V.V. Tayade	Assistant Professor	-	-	01	01	01
6.	Dr. N.D. Deshmukh	Assistant Professor	01	01	01	02	-
7.	Dr. S.R. Jakkawad	Associate Professor	01	-	-	-	-

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

#### Mechanisms for collecting feedback

The college regularly collects feedback from students, parents, farmers, and industry to know their views in regard to the college. This will be useful for improving the overall performance in various sectors on the basis of feedback. For this purpose, Google Forms were prepared and link shared to the students, comprising different questions related to their expectations from college. The overall feedback of the program obtained from the students was an indication of the measure of knowledge acquired during the course of their study.

Google Forms were also prepared and link shared to the parents and farmers, comprising different questions related to their expectations from the college. The overall feedback will be helpful in improving the facilities provided to them in due course of time.

All the graduating students who satisfied the minimum standards set by the employer, gained recruitment in various agro firms. An employer survey through Google Forms was also conducted with all potential employers to get their impression on the skill-set and capabilities of our Agri-graduates. This feedback was obtained with the objective of improving the employability skills of the graduates, so as to train them to match the standards set by the industries.

The detailed responses gathered through Google Forms for students, parents, farmers and industry were not attached herewith as it will require large space that's why it is stored in separate files with the student and placement cell for verification at the time of the visit. Hence, the information of feedback forms for Students, parents, employers, farmers presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 17-24)

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

PG degree programme-

Sr. No.	Name of		Actu		dent a five y	dmitte ears	ed in		Attrition (%)			
	Name of degree program	Sanctioned strength	2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23
1.	M.Sc. (Agri.)	12	12	10	11	12	10					

Year	Appear	Pass out	First Class with Distinction	I class	II class
2018-19	12	12	02	10	
2019-20	10	10	02	08	
2020-21	11	11	11		
2021-22	12	12	08	04	
2022-23	11	11	11		
Total	56	56	34	22	

#### **M.Sc. Agriculture**

#### 6.4.9. ICT Application in Curricula Delivery

The ICT can fill this gap because it can provide access to different sources of information. It will provide correct information as comprehensive as possible in different formats with different examples. ICT provides online interaction facility. Students and teachers can exchange their ideas and views, and get clarification on any topic from different experts, practitioners, etc. It helps learners to broaden the information base. ICT provides variety in the presentation of content which helps learners in concentration, better understanding, and long retention of information which is not possible otherwise. The learners can get opportunity to work on any live project with learners and experts from other countries. Following are the some of the important ICT tools used for Curricula Delivery in our College.

1. Google Classroom	2. Google maps
3. Google Meet	4. Google Forms
5. Microsoft PowerPoint	6. Zoom
7. Educational Videos and animations	8. Educational Website
9. e-Resources	10. Smart Classroom

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

I, the **Dean**, **Dr. B.M. Thombre**, **College of Agriculture**, **Latur** 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

#### 6.4. Self-Study Report for the Programme (M.Sc. (Hort.)) in Horticulture

#### 6.4.1 Brief History of the Degree Programme

#### **Brief History of the PG Degree Programme**

Further, PG programme was initiated in Horticulture discipline during the academic year 2005-06. In 2009 intake capacity of M.Sc. (Hort.) students was increased department wise from 6 to 12.

#### 6.4.2 Faculty Strength

#### Academic strength of faculty members / supporting staff: As on 31.03.2023

Sr. No.	Sanctioned Faculty	No. of sanctioned faculty	Faculty in place	Vacant position
1.	Professor	01		01
2.	Associate Professor	01	01	
3.	Assistant Professor	04	01	03

Note: -The faculties assigned the responsibilities for multiple programmes (UG and PG).

#### 6.4.3. Technical and Supporting Staff Position as on 31.03.2023

The information regarding technical and supporting staff sanctioned to the college is presented in the self-study report of the B.Sc. (Hons.) Agriculture program under the heading 6.4.3. There is no bifurcation of this staff as staff for the UG and PG degree programs. As per the needs of the various departments, technical and supporting staff are allotted to the department. Hence, the information presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 5-6)

#### **Responsibilities of Faculty, Technical and Supporting staff**

The faculties of this college are involved in conducting the classes and examinations of PG students. They evaluate the answer books and prepare the results of the students. They also guide to PG students for conducting their research programme. The responsibility of the work of PG admission, examination, scholarship, hostel, gymkhana activities, anti ragging cell, placement cell, purchases required for the development of laboratories, Biological waste disposal facility cell, Institutional Ethics Committee for Experiment on Animals Cell, prevention of Sexual harassment of women at work place cell and Extension Education Activities are also shared by these faculties and supporting staff also look after the assignment related to admission, examination, scholarship, hostel and gymkhana activities. Technical staff is engaged in accounts matter, other than technical correspondence and faculty record in the college.

#### 6.4.4 Classrooms and Laboratories

#### PG degree programme

#### a. Information on classroom for PG degree programme

# **Department of Horticulture**

-				
1.	PG classroom-cum-	6 m x 3 m	12	Curricula delivery through IT
	seminar Hall			(Smart classroom)

#### b. Information on functional laboratories for PG degree programme

Department of Horticulture						
1.	PG Laboratory	8.40 x 6.40	30	Utilized for conducting PG practicals		

#### c. Information on list of major equipments available for UG degree programme

Departn	nent of Horticulture					
1.	Crown crocking machine	01				
2.	Analytical projection	01				
3.	Water bath rectangular	01				
4.	Juice press hand refractometer	01				
5.	Hand refractometer-58 to 92%	01				
6.	Hot plate round single plate	01				
7.	Hot plate round double plate (MAC -423)	01				
8.	Single pan electrical balance	01				
9.	Moisture box	25				
10.	Lab willy grinder	01				
Garden	Garden Tools					
11.	Grass shape shear	06				
12.	Hedge cutter	02				
13.	Foot sprayer	01				
14.	Tractor (T.F.30 Hero tractor) with tool kit	01				
15.	Tractor (Mitsubishi) MT180 D	01				
16.	Rotovator (Mitsubishi) 2PR 1110	01				
Glass wa	ares					
1.	Volumetric flask	29				
2.	Measuring cylinders	58				
3.	Volumetric flask	29				
4.	Measuring cylinders	58				
5.	Pipette	24				
6.	Burette	08				
7.	Reagent Bottle	101				

# d. Information on farm facilities available at College of Agriculture, Latur utilized

#### for PG degree programme

#### PG degree programme

# **Department of Horticulture**

1. PG Instructional-cum	2.20 ha	Used for conducting PG practicals and
research farm		research

Depa	Department of Horticulture						
1.	Experiential Learning Unit on	13 m x 10 m	Used for conducting practicals of				
	Commercial Vegetable		ELP on Commercial Vegetable				
	Production (ICAR funded)		Production				
2.	Shed net house for PG	28 m x 20 m	Used for conducting PG practicals				
			and research				
3.	Shed net house for nursery	12 m x 6 m	Used for plant propagation				
4.	Poly house	28 m x 20 m	Used for conducting PG research				

#### b. Information on instructional units available for PG degree programme

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

#### A. PG degree programme

Sr. No.	Academic year	Theory batches	Practical batches
1.	2018-19	01	01
2.	2019-20	01	01
3.	2020-21	01	01
4.	2021-22	01	01
5.	2022-23	01	01

#### 6.4.6 Conduct of practical and hands-on-training

#### PG degree programme

Practical and Hands-on training for all courses in M.Sc. (Agriculture) are being followed as per the course curriculum recommended by ICAR. Emphasis is being given to practical and hands-on training for successful knowledge transfer to growing and diverse students. Further, to enhance their knowledge of farming, students are regularly taken to the field for demonstrations to develop the skills needed for modern farming. Our well-furnished laboratories and in teaching practical aspects of different agricultural practices and cutting-edge modern science. Students are encouraged to formulate their PG research according to the research priority areas in different disciplines.

There are well-equipped laboratories for conducting hands-on training in each department. The students are given field exposure as well as exposure visits to various experimental sites, field demonstrations, and farmers fields from time to time so as to make them aware of on-farm experiments. The practicals for courses involve various department-wise experiments to give proper exposure and better hands-on training to the students.

			No.	o. of students supervised in PG programme				
Sr. No.	Name of Faculty	Designation		2019-20	2020-21	2021-22	2022-23	
Depa	Department of Horticulture							
1	Dr. Kadam A. S.	Professor	03	02				
2	Dr. Jagtap V. S	Associate Professor	03	04	02	03	02	
3	Dr. Munde G. R.	Assistant Professor	01	01	02	02	02	
4	Dr. Patil R. A.	Assistant Professor	01	02	03	03	02	
5	Dr. Patil S. G.	Associate Professor		01	01			
6	Dr.Kalalbandi B. M.	Associate Professor		01	01	01		
7	Dr.Shinde V.N.	Assistant Professor				03	02	
8	Dr.KambleV. P.	Assistant Professor					01	

#### 6.4.6 Supervision of students in PG/Ph.D. programme

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

#### Mechanisms for collecting feedback

The college regularly collects feedback from students, parents, farmers, and industry to know their views in regard to the college. This will be useful for improving the overall performance in various sectors on the basis of feedback. For this purpose, Google Forms were prepared and link shared to the students, comprising different questions related to their expectations from college. The overall feedback of the program obtained from the students was an indication of the measure of knowledge acquired during the course of their study.

Google Forms were also prepared and link shared to the parents and farmers, comprising different questions related to their expectations from the college. The overall feedback will be helpful in improving the facilities provided to them in due course of time.

All the graduating students who satisfied the minimum standards set by the employer, gained recruitment in various agro firms. An employer survey through Google Forms was also conducted with all potential employers to get their impression on the skill-set and capabilities of our Agri-graduates. This feedback was obtained with the objective of improving the employability skills of the graduates, so as to train them to match the standards set by the industries.

The detailed responses gathered through Google Forms for students, parents, farmers and industry were not attached herewith as it will require large space that's why it is stored in separate files with the student and placement cell for verification at the time of the visit. Hence, the information of feedback forms for Students, parents, employers, farmers presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 17-24)

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

#### PG degree programme-

			Actual student admitted in last five years				Attrition (%)					
Sr. No.	Name of degree program	Sanctioned strength	2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23
1.	M.Sc. (Hort.) VS	06	03	06	05	05	05					
	FS	06	05	05	05	07	05	20		40		

M.Sc. Agriculture in Vegetable Science

Year	Appear	Pass out	<b>First Class With Distinction</b>	I class	II class
2018-19	03	03		01	02
2019-20	06	06	02	04	
2020-21	05	04	01	03	
2021-22	05	05	04	01	
2022-23	04	03	01	02	
Total	24	21	08	11	02

M.Sc. Agriculture in Fruit Science

Year	Appear	Pass out	<b>First Class with Distinction</b>	I class	II class
2018-19	05	04		01	03
2019-20	05	05		05	
2020-21	05	03	01	02	
2021-22	07	07	06	01	
2022-23	05	04	01	03	
Total	27	23	08	12	03

# 6.4.9. ICT Application in Curricula Delivery

The ICT can fill this gap because it can provide access to different sources of information. It will provide correct information as comprehensive as possible in different formats with different examples. ICT provides online interaction facility. Students and teachers can exchange their ideas and views, and get clarification on any topic from different experts, practitioners, etc. It helps learners to broaden the information base. ICT provides variety in the presentation of content which helps learners in concentration, better understanding, and long retention of information which is not possible otherwise. The learners can get opportunity to work on any live project with learners and experts from other countries. Following are the some of the important ICT tools used for Curricula Delivery in our College.

- 1. Google Classroom
- 2. Google maps
- 3. Google Meet
- 4. Google Forms
- 5. Microsoft PowerPoint
- 6. Zoom
- 7. Educational Videos and animations
- 8. Educational Website
- 9. e-Resources
- 10. Smart Classroom

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

I, the **Dean, Dr. B.M. Thombre, College of Agriculture, Latur** 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

#### 6.4. Self-Study Report for the Programme (M.Sc. (Agri.)) in Plant Pathology

#### 6.4.1 Brief History of the Degree Programme

#### **Brief History of the PG Degree Programme**

The postgraduate programme leading to the M.Sc. (Agri) degree in Plant Pathology discipline was initiated with an intake capacity of six students; during the academic year 2002-03 vide GR. No. MKV/2000/PK-220/20A/dated 30 January, 2003. In 2009 intake capacity of M.Sc. (Agri.) students was increased department wise from 6 to 12.

#### 6.4.2 Faculty Strength

#### Academic strength of faculty members / supporting staff: As on 31.03.2023

Sr. No.	Sanctioned Faculty	No. of sanctioned faculty	Faculty in place	Vacant position
1.	Professor	01		01
2.	Associate Professor	01		01
3.	Assistant Professor	03	01	02

Note: -The faculties assigned the responsibilities for multiple programmes (UG and PG).

#### 6.4.3. Technical and Supporting Staff Position as on 31.03.2023

The information regarding technical and supporting staff sanctioned to the college is presented in the self-study report of the B.Sc. (Hons.) Agriculture program under the heading 6.4.3. There is no bifurcation of this staff as staff for the UG and PG degree programs. As per the needs of the various departments, technical and supporting staff are allotted to the department. Hence, the information presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 5-6)

#### **Responsibilities of Faculty, Technical and Supporting staff**

The faculties of this college are involved in conducting the classes and examinations of PG students. They evaluate the answer books and prepare the results of the students. They also guide to PG students for conducting their research programme. The responsibility of the work of PG admission, examination, scholarship, hostel, gymkhana activities, anti ragging cell, placement cell, purchases required for the development of laboratories, Biological waste disposal facility cell, Institutional Ethics Committee for Experiment on Animals Cell, prevention of Sexual harassment of women at work place cell and Extension Education Activities are also shared by these faculties and supporting staff also look after the assignment related to admission, examination, scholarship, hostel and gymkhana activities. Technical staff is engaged in accounts matter, other than technical correspondence and faculty record in the college.

# 6.4.4 Classrooms and Laboratories

# PG degree programme

# a. Information on classroom for PG degree programme

D	Department of Plant Pathology							
	1.	PG classroom-cum-	17.5 m x	60	Curricula delivery through IT			
		seminar Hall	8.0 m		(Smart classroom)			

### b. Information on functional laboratories for PG degree programme

Depa	Department of Plant Pathology									
1.	PG Laboratory	17.5 m x 8.0 m	60	Utilized for conducting PG practicals						
2.	Isolation chamber	2.5 m X 2.0 m	-	Utilized for isolation						
3.	Screen House	8.0 mx3.5 m	-	Utilized for conducting PG practicals						

### c. Information on list of major equipments available for UG degree programme

Departm	ent of Plant Pathology	
1.	Autoclave Big-1 and Small-1	02
2.	BOD	01
3.	Hot air oven	01
4.	Research Microscope	04
5.	Student microscope	05
6.	Distillation unit	01
7.	Water bath	01
8.	Electronic weighing balance	01
9.	Refrigerator	01
10.	Mechanical shaker	01
11.	pH meter	01
12.	Laminar Airflow	01

# d. Information on farm facilities available at College of Agriculture, Latur utilized

### for PG degree programme

### PG degree programme

Depa	artment of Plant Pathology		
1.	PG Instructional farm	1.25 ha	Used for conducting PG practicals

# b. Information on instructional units available for PG degree programme

Depa	Department of Plant Pathology									
1.	Experiential Learning Unit on	9.10x7.40 m	Used for conducting practicals of							
	Mushroom Production	and 11.60 x	ELP on Mushroom Production							
	TechnologyMushroom spawn -	7.40 m	Technology							
	run room		Used for conducting PG research on							
			Mushroom							

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

Sr. No.	Academic year	Theory batches	Practical batches
1.	2018-19	01	01
2.	2019-20	01	01
3.	2020-21	01	01
4.	2021-22	01	01
5.	2022-23	01	01

A. PG degree programme

#### 6.4.6 Conduct of practical and hands-on-training

#### PG degree programme

Practical and Hands-on training for all courses in M.Sc. (Agriculture) are being followed as per the course curriculum recommended by ICAR. Emphasis is being given to practical and hands-on training for successful knowledge transfer to growing and diverse students. Further, to enhance their knowledge of farming, students are regularly taken to the field for demonstrations to develop the skills needed for modern farming. Our well-furnished laboratories and in teaching practical aspects of different agricultural practices and cutting-edge modern science. Students are encouraged to formulate their PG research according to the research priority areas in different disciplines.

There are well-equipped laboratories for conducting hands-on training in each department. The students are given field exposure as well as exposure visits to various experimental sites, field demonstrations, and farmers fields from time to time so as to make them aware of on-farm experiments. The practicals for courses involve various department-wise experiments to give proper exposure and better hands-on training to the students.

#### 6.4.6 Supervision of students in PG/Ph.D. programme

Sr.			No. of students supervised in PG programme						
No.	Name of Faculty	culty Designation		2019- 20	2020- 21	2021- 22	2022- 23		
Depar									
1.	Dr. A.P. Suryawanshi	Professor and Associate	-	03	03	-	-		
		Dean and Principal							
2.	Dr. V.G. Mulekar	Associate Professor	05	03	03	03	-		
3.	Dr.Sunita J. Magar	Assistant Professor	05	04	03	04	04		
4.	Dr. R.A. Chavan	Associate Professor	02	02	02	03	03		
5.	Dr. S.D. Somwanshi	Senior Scientist	-	-	-	02	03		
		(Programme coordinator)							
6.	Dr.P.H.Ghante	Associate Professor	-	-	-	-	02		
7.	Prof.S.V.Waghmare	Agriculture Assistant	-	-	-	-	02		

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

#### Mechanisms for collecting feedback

The college regularly collects feedback from students, parents, farmers, and industry to know their views in regard to the college. This will be useful for improving the overall performance in various sectors on the basis of feedback. For this purpose, Google Forms were prepared and link shared to the students, comprising different questions related to their expectations from college. The overall feedback of the program obtained from the students was an indication of the measure of knowledge acquired during the course of their study.

Google Forms were also prepared and link shared to the parents and farmers, comprising different questions related to their expectations from the college. The overall feedback will be helpful in improving the facilities provided to them in due course of time.

All the graduating students who satisfied the minimum standards set by the employer, gained recruitment in various agro firms. An employer survey through Google Forms was also conducted with all potential employers to get their impression on the skill-set and capabilities of our Agri-graduates. This feedback was obtained with the objective of improving the employability skills of the graduates, so as to train them to match the standards set by the industries.

The detailed responses gathered through Google Forms for students, parents, farmers and industry were not attached herewith as it will require large space that's why it is stored in separate files with the student and placement cell for verification at the time of the visit. Hence, the information of feedback forms for Students, parents, employers, farmers presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 17-24)

	Nama af		Actu		dent a five y	dmitte ears	d in		Att	rition (	(%)	
Sr. No.	Name of degree program	Sanctioned strength	2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23
1.	M.Sc. (Agri.)	12	12	12	11	12	14	16				

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

PG degree programme-

Year	Appear	Pass out	<b>First Class with Distinction</b>	I class	II class
2018-19	12	10	01	07	02
2019-20	12	12	05	07	
2020-21	11	11	06	05	
2021-22	12	12	08	04	
2022-23	14	11	06	05	
Total	61	56	26	28	02

#### **M.Sc. Agriculture**

#### 6.4.9. ICT Application in Curricula Delivery

The ICT can fill this gap because it can provide access to different sources of information. It will provide correct information as comprehensive as possible in different formats with different examples. ICT provides online interaction facility. Students and teachers can exchange their ideas and views, and get clarification on any topic from different experts, practitioners, etc. It helps learners to broaden the information base. ICT provides variety in the presentation of content which helps learners in concentration, better understanding, and long retention of information which is not possible otherwise. The learners can get opportunity to work on any live project with learners and experts from other countries. Following are the some of the important ICT tools used for Curricula Delivery in our College.

1. Google Classroom	2. Google maps
3. Google Meet	4. Google Forms
5. Microsoft PowerPoint	6. Zoom
7. Educational Videos and animations	8. Educational Website
9. e-Resources	10. Smart Classroom

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

I, the **Dean**, **Dr. B.M. Thombre**, **College of Agriculture**, **Latur** 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

# 6.4. Self-Study Report for the Programme (M.Sc. (Agri.)) in Soil Science and Agricultural Chemistry

#### 6.4.1 Brief History of the Degree Programme

#### **Brief History of the PG Degree Programme**

The postgraduate programme leading to the M.Sc. (Agri) degree in Soil Science and Agricultural Chemistry discipline was initiated with an intake capacity of six students; during the academic year 2002-03 vide GR. No. MKV/2000/PK-220/20A/dated 30 January, 2003. In 2009 intake capacity of M.Sc. (Agri.) students was increased department wise from 6 to 12.

#### 6.4.2 Faculty Strength

Academic strength of faculty members / supporting staff: As on 31.03.2023

Sr. No.	Sanctioned Faculty	No. of sanctioned faculty	Faculty in place	Vacant position
1.	Professor	01	01	
2.	Associate Professor	01	01	
3.	Assistant Professor	04	02	02

Note:-The faculties assigned the responsibilities for multiple programmes (UG and PG).

#### 6.4.3. Technical and Supporting Staff Position as on 31.03.2023

The information regarding technical and supporting staff sanctioned to the college is presented in the self-study report of the B.Sc. (Hons.) Agriculture program under the heading 6.4.3. There is no bifurcation of this staff as staff for the UG and PG degree programs. As per the needs of the various departments, technical and supporting staff are allotted to the department. Hence, the information presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 5-6)

#### **Responsibilities of Faculty, Technical and Supporting staff**

The faculties of this college are involved in conducting the classes and examinations of PG students. They evaluate the answer books and prepare the results of the students. They also guide to PG students for conducting their research programme. The responsibility of the work of PG admission, examination, scholarship, hostel, gymkhana activities, anti ragging cell, placement cell, purchases required for the development of laboratories, Biological waste disposal facility cell, Institutional Ethics Committee for Experiment on Animals Cell, prevention of Sexual harassment of women at work place cell and Extension Education Activities are also shared by these faculties and supporting staff also look after the assignment related to admission, examination, scholarship, hostel and gymkhana activities.

Technical staff is engaged in accounts matter, other than technical correspondence and faculty record in the college.

# 6.4.4 Classrooms and Laboratories

#### PG degree programme

# a. Information on classroom for PG degree programme

Department of Soil Science and Agricultural Chemistry						
1.	PG classroom-cum-	9.0m x 6.5 m	24	Curricula delivery through IT		
	seminar Hall			(Smart classroom)		

#### b. Information on functional laboratories for PG degree programme

Depa	Department of Soil Science and Agricultural Chemistry						
1.	PG Laboratory	18.0 x 8.0	30	Utilized for conducting PG			
		m		practicals			
2.	Central Instrumentation	17.0x9.0	30	Utilized for soil, water and plant			
	Cell (CIC)			analysis			

#### c. Information on list of major equipments available for UG degree programme

Departm	Department of Soil Science and Agricultural Chemistry				
1.	pH Meter	01			
2.	EC meter	01			
3.	UV-Spectrophotometer	01			
4.	Flame photometer	01			
5.	Atomic Absorption Spectrophotometer	01			
6.	Kjel Plus Nitrogen Analyzer	01			
7.	Oven	03			
8.	Desiccators	02			
9.	Glass Distillation unit	02			
10.	Analytical Balance	03			
11.	Water bath	01			
12.	Steel distillery	02			
13.	Microkjeldahls Assembly	01			
14.	Aggregate Analyzer	01			
15.	Soxhlet Apparatus	01			
16.	Deionized water plant	01			
17.	Hot plate	02			
18.	Moisture box	25			
19.	Single pan electrical balance	01			
20.	Moisture box	25			
21.	Gas cylinders	08			
22.	Gas shegdi	01			
23.	Dispersion Cup 01				
24.	International Pipette 01				
25.	LCD projector with screen 01				
26.	Leaf area meter	01			
27.	Charging Sprayer	01			

28.	Silica Crucibles	07
29.	Mechanical shaker	01
30.	Muffle Furnace	01
31.	Soil Augers	05
32.	Double ring infiltrometer	01
33.	Microwave digestion	01
34.	pH Meter	01
Glass wa	ires	
35.	Beaker	190
36.	Conical Flask	220
37.	Volumetric flask	150
38.	Measuring cylinders	35
39.	Pipette	12
40.	Burette	15
41.	Petri plate	50
42.	Test tube	390
43.	Test tube	390
44.	Funnel	30
45.	Reagent Bottle	15
46.	Glass rod	7

# d. Information on farm facilities available at College of Agriculture, Latur utilized for PG degree programme

#### PG degree programme

Department of Soil Science and Agricultural Chemistry					
1.	PG Instructional farm	1.25 ha	Used for conducting PG practicals		

#### b. Information on instructional units available for PG degree programme

Depa	Department of Soil Science and Agricultural Chemistry					
1.	Experiential Learning Unit on	15.0x8.0m	To develop skill of soil, water, plant			
	Soil, Water, Plant and		and fertilizer analysis			
	Fertilizer Analysis.					

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

### A. PG degree programme

Sr. No.	Academic year	Theory batches	Practical batches
1.	2018-19	01	01
2.	2019-20	01	01
3.	2020-21	01	01
4.	2021-22	01	01
5.	2022-23	01	01

#### 6.4.6 Conduct of practical and hands-on-training

#### PG degree programme

Practical and Hands-on training for all courses in M.Sc. (Agriculture) are being followed as per the course curriculum recommended by ICAR. Emphasis is being given to practical and hands-on training for successful knowledge transfer to growing and diverse students. Further, to enhance their knowledge of farming, students are regularly taken to the field for demonstrations to develop the skills needed for modern farming. Our well-furnished laboratories and in teaching practical aspects of different agricultural practices and cutting-edge modern science. Students are encouraged to formulate their PG research according to the research priority areas in different disciplines.

There are well-equipped laboratories for conducting hands-on training in each department. The students are given field exposure as well as exposure visits to various experimental sites, field demonstrations, and farmers fields from time to time so as to make them aware of on-farm experiments. The practicals for courses involve various department-wise experiments to give proper exposure and better hands-on training to the students.

			No. of students supervised in PG programme				
Sr. No.	Name of Faculty	Designation	2018-19	2019-20	2020-21	2021-22	2022-23
Depar	Department of Soil Science and Agricultural Chemistry						
1.	Dr. B. S. Indulkar	Professor	05	05	04	05	03
2.	Dr. P. H. Vaidya	Associate Professor	05	05	02		
3.	Dr. V. G. Takankhar	Associate Professor	01	02	03	05	03
4.	Dr. G.R. Hanwate	Associate Professor					02
5.	Dr. P. B. Adsul	Assistant Professor			02	03	02
6.	Dr. M. S. Waghamare	Assistant Professor			01	01	02

#### 6.4.6 Supervision of students in PG/Ph.D. programme

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

#### Mechanisms for collecting feedback

The college regularly collects feedback from students, parents, farmers, and industry to know their views in regard to the college. This will be useful for improving the overall performance in various sectors on the basis of feedback. For this purpose, Google Forms were prepared and link shared to the students, comprising different questions related to their expectations from college. The overall feedback of the program obtained from the students was an indication of the measure of knowledge acquired during the course of their study.

Google Forms were also prepared and link shared to the parents and farmers, comprising different questions related to their expectations from the college. The overall feedback will be helpful in improving the facilities provided to them in due course of time.

All the graduating students who satisfied the minimum standards set by the employer, gained recruitment in various agro firms. An employer survey through Google Forms was also conducted with all potential employers to get their impression on the skill-set and capabilities of our Agri-graduates. This feedback was obtained with the objective of improving the employability skills of the graduates, so as to train them to match the standards set by the industries.

The detailed responses gathered through Google Forms for students, parents, farmers and industry were not attached herewith as it will require large space that's why it is stored in separate files with the student and placement cell for verification at the time of the visit. Hence, the information of feedback forms for Students, parents, employers, farmers presented in the SSR of the B.Sc. (Hons.) Agriculture program may please be considered the same for the M.Sc. (Agri./Hort.) degree program in various disciplines. (Page Number 17-24)

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

PG de	egree	programme-
-------	-------	------------

Nome		Actual student admitted in last five years			Attrition (%)							
Sr. No.	Name of degree program	Sanctioned strength	2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23
1.	M.Sc. (Agri.)	12	12	14	12	12	10					

#### M.Sc. Agriculture

Year	Appear	Pass out	First Class with Distinction	I class	II class
2018-19	12	12		07	05
2019-20	14	14		14	
2020-21	12	12	08	04	
2021-22	12	11	05	06	
2022-23	12	12	08	04	
Total	62	61	21	35	05

#### 6.4.9. ICT Application in Curricula Delivery

The ICT can fill this gap because it can provide access to different sources of information. It will provide correct information as comprehensive as possible in different formats with different examples. ICT provides online interaction facility. Students and teachers can exchange their ideas and views, and get clarification on any topic from different experts, practitioners, etc. It helps learners to broaden the information base. ICT provides variety in the presentation of content which helps learners in concentration, better understanding, and long retention of information which is not possible otherwise. The learners can get opportunity to work on any live project with learners and experts from other countries. Following are the some of the important ICT tools used for Curricula Delivery in our College.

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- 2. Google maps
- 3. Google Meet
- 4. Google Forms
- 5. Microsoft PowerPoint
- 6. Zoom
- 7. Educational Videos and animations
- 8. Educational Website
- 9. e-Resources
- 10. Smart Classroom

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

I, the **Dean**, **Dr. B.M. Thombre, College of Agriculture, Latur** 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

# SELF STUDY REPORT FOR COLLEGE

Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani I College of Agriculture, Latur Self Study Report for Accreditation 2018-2023

# SELF STUDY REPORT FOR COLLEGE

#### 6.5. Self Study Report for the College

#### 6.5.1. College Administration

#### 6.5.1.1. College Dean's Office Establishment

- Whether Dean's (Associate Dean and Principal's) post has been sanctioned by the appropriate authority as per ICAR Model Act/UGC guidelines - Yes
- 2. Date of selection of present Dean 01-07-2021
- 3. Mode of selection Promotion
- 4. Tenure non-tenure

#### a. Staff available in the Dean's (Associate Dean and Principal's) Secretariat

Sr. No.	Name of the posts in Dean's Secretariat	No. of posts sanctioned	Remark
1.	Section Officer	01	
2.	Assistant Section Officer	-	Deputed from VNMKV, Parbhani
3.	Assistant Accounts Officer	01	
4.	Senior Clerk	03	
5.	Junior Clerk	04	
6.	Peon	04	

#### ii. Infrastructure facilities available in the Dean's (Associate Dean and Principal's) Secretariat

Sr.	Name of office	Size	Facilities available
No.			
1.	Assistant Account officer	15x15	Table chair, cupboard
2.	Establishment	30x20	1 computer, 1 Printer, 1xerox Machine,
			Table chair, cupboard
3.	Bill Section	15x10	1 computer, 1 Printer, Table chair, cupboard
4.	Cashier	15x10	1 computer, 1 Printer, Table chair, cupboard

# **6.5.1.2.** Monitoring Mechanism for Quality Education Internal Quality Assessment Committee for Students

The Internal Quality Assessment Committee is constituted by the Associate Dean and

Principal, College of Agriculture vide office order No. GLE/132/2023 dated 16-06-2023.

The other members of the committee include

Sr. No.	Name of Faculty	Position in Committee
1.	Dr. B. M. Thombre	Chairman
2.	Dr. P. N. Karanjikar	Member
3.	Dr. V. S. Jagtap	Member
4.	Dr. J.M. Deshmukh	Member
5.	Dr. V. K. Bhamare	Member
6.	Dr. P. B. Wadikar	Member Secretary

The heads of Sections supervise periodically the educational activities in their respective subjects. The Associate Dean and Principal takes review of these activities by inviting frequent meetings of the Heads of Sections. Further the review is discussed in the Board of Studies at University level and a report is submitted to the Director of Instructions for information. The Director of Instruction also invites meetings and takes review of the educational activities carried out by each constituent College. If required the subjects are placed in the faculty and further submitted to Academic Council. The College has also proposed CCTV cameras in all lecture halls and examination hall for monitoring education and examination. The information related to education is communicated to different offices of the VNMKV, Parbhani as well as outside the university through e-mail.

#### 6.5.1.3 CC/Board of Studies

The Board of Studies of all the departments in the college was conducted under the chairmanship of the Head of the Department at VNMKV, Parbhani. In the college, only sectional heads were looking at matters related to the PG programme for the college.

The student advisory committee, course plan of work, and outline of research work of PG students of all disciplines, *viz.*, Agronomy, Agricultural Botany, Agricultural Economics, Agricultural Entomology, Animal Husbandry and Dairy Science, Extension Education, Horticulture, Plant Pathology, Soil Science, and Agricultural Chemistry, admitted during the last five years (2018-19 to 2022-23), were approved in the meeting of the Board of Studies held at the respective Departments of VNMKV, Parbhani.

The teaching schedule and lesson plan for UG courses (As per the V Dean's Committee) of the Departments of Agronomy, Agricultural Botany, Agricultural Economics, Agricultural Engineering, Agricultural Entomology, Animal Husbandry and Dairy Science, Extension Education, Horticulture, Plant Pathology, Soil Science, and Agricultural Chemistry were also approved in the meeting of the Board of Studies.

The student advisory committee, course plan of work, and outline of research work of PG students of all disciplines, *viz.*, Agronomy, Agricultural Botany, Agricultural Economics, Agricultural Entomology, Animal Husbandry and Dairy Science, Extension Education, Horticulture, Plant Pathology, Soil Science, and Agricultural Chemistry, admitted during the last five years (2018-19 to 2022-23), were approved in the meeting of the Board of Studies held at the respective Departments of VNMKV, Parbhani.

### 6.5.1.4. Anti Ragging Cell

The college of Agriculture Latur follows the rules and regulation as per the judgment of Hon'ble Supreme Court of India dated 08.05.2009 in Civil Applie No. 887/2009, the University Grants Commission has framed "UGC Regulation on clubbing the menace of ragging in higher education institution, 2009' which have been notified on 4<sup>th</sup> July, 2009 in the Gazette of India.

#### **Anti-Ragging Committee**

Sr. No	Name of Employee	Designation	Position	Mobile Number
1.	Dr.V.B.Kamble	Professor	Chairman	9822507498
2.	Dr.S.H.Kamble	Associate Professor	Vice-chairman	9373247058
3.	Dr.V.S.Jagtap	Associate Professor	Member	9518997674
4.	Dr.V.K.Bhamare	Associate Professor	Member	9822187248
5.	Dr.J.M.Deshmukh	Associate Professor	Member	9420328066
6.	Dr.V.N.Shinde	Assistant Professor	Member	9970228345
7.	Dr.P.B.Adsul	Assistant Professor	Member Secretary	7588571585

#### Vigilance Committee and Squad

Sr. No	Name of Employee	Designation	Position	Mobile Number
1.	Dr.D.S.Chauhan	Professor	Chairman	9423171715
2.	Dr.R.D.Shelke	Associate Professor	Vice-chairman	9420194793
3.	Dr.A.T.Shinde	Associate Professor	Member	7588571602
4.	Dr.A.M.Kamble	Assistant Professor	Member	8830445290
5.	Dr.D.D.Suradkar	Assistant Professor	Member	7588612614
6.	Dr.S.J.Magar	Assistant Professor	Member	9404957355
7.	Dr.D.G.More	Assistant Professor	Member Secretary	7588082165

#### The actions taken are as under:

- Anti ragging cell displays the rules and regulation as well as helpline toll free no. 1800 180 5522 and E Mail: <u>helpline@antiragging.in</u> college premises as well as in hostels.
- Formulated the anti ragging committee at college level.
- Formulated the Anti-Ragging Vigilance Committee and Squad for weekly visit to boys and girls' hostels and monitoring college premises.
- The students are instructed about anti ragging rules, regulation and punishment through advisor time to time.
- The online Anti Ragging Undertaking is filled up by the students as well as their parents on 100 rupees bond paper. This record is maintained with advisor of individual student.

#### 6.5.1.5. Biological waste disposal facility

The various types of wastes (chemical, biological and recyclable) are generated at College of Agriculture, Latur by a variety of research, scientific, service, maintenance and cleaning operations at the College level. Hence, the college has constituted the Biological Waste Disposal Committee to improve the collection, segregation, processing, treatment and disposal of these wastes in an environmentally sound manner thereby, reducing the waste generation and its impact on the environment. The college has adopted disposal mechanism suggested by government for disposal of these wastes.

Sr. No.	Name of Faculty	Position in Committee
1.	Dr. V. G. Mulekar	Chairman
2.	Dr.V.K.Bhamare	Member
3.	Dr. A. T. Shinde	Member
4.	Dr. P. B. Adsul	Member Secretary
5.	Dr. S. P. Pole	Member
6.	Shri. P.S.Pirange	Member

#### a. Method adopted to dispose chemicals, insecticides, fungicides, weedicides, etc.

The chemicals are purchased as per the requirement of departments and used for conducting different practicals and PG research. The due care is taken to purchase chemicals having long expiry date. The chemicals outlived its shelf-life have been and disposed off in such manner which is safe for human beings, animals and environment, as per the Govt. guidelines.

#### b. Method adopted to dispose biological waste

The biological waste *viz.*, crop residues, laboratory, mess, hostel and office wastes were collected and decomposed through different decomposing methods in campus premises.

#### c. Method adopted to dispose recyclable waste

The recyclable wastes *viz.*, plastic, fiber, steel wastes, etc were collected and stored at college store for further disposal through auction.

#### 6.5.1.6. Institutional Ethics Committee for Experiment on Animals

The Institutional Ethics Committee (IEC) for Experiment on Animals is constituted by Associate Dean and Principal, College of Agriculture, Latur vide office order No.GLE/2091/2017 dated 30-12-2017. The other member of the committee include:

Sr. No.	Name of Faculty	Position in Committee
1.	Dr. D. S. Chauhan	Chairman
2.	Shri. P. V. Kamble	Member
3.	Dr. S. D. Gadekar	Member
4.	Dr. B. V. Ronge	Member
5.	Shri. R. S. Aundhkar	Member Secretary

The meeting of this committee was held on dated 02-01-2018 in order to discuss various issues regarding prohibition of use of animals for conducting experiments by scarifying their lives. However, they can be used for conducting feeding trials and to study its external parameters as well as productive and reproductive efficiency. Rat and mice should not be used for research purpose.

#### The following issues were discussed in meeting.

- 1. It was decided in the meeting that the member of the committee should be as per the norms given by the CPCSEA.
- 2. In this college the research conducted for M.Sc. programme particularly in AHDS department, animals were not used / sacrificed for research. The animals are used for feeding trial and studied for external parameters as well as their productive and reproductive performance only.
- 3. Small animals like rat, mice etc. are not used in college for research purpose.
- 4. But in future due care should be taken while designing the research project in such way.

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

The committee for prevention of sexual harassment of women at work places is constituted by Associate Dean and Principal, College of Agriculture, Latur vide office order No.GLP/2092/2017 dated 30-12-2017. The other members of the committee include:

Sr. No.	Name of Faculty	Position in Committee
1.	Dr. J. M. Deshmukh	Chairman
2.	Mrs. M. U. Bhikane	Member
3.	Mrs. S.U.Shinde	Member
4.	Mrs. M.A. Sathe	Member
5.	Miss. N.B.Netke	Member
6.	Miss. N.N.Gurav	Member
7.	Dr. S.J.Magar	Member Secretary

This committee conducted the meeting on dated 01-01-2018 in order to discuss various rules and procedure for sexual harassment of women at work places. There are no cases of sexual harassment of women at this place during last five years. Rules and Procedures to be followed in Committee on "Sexual Harassment of Women

at Work Places" are as follows

#### Process of making complaint of sexual harassment

- 1. An aggrieved person is required to submit a written complaint to the committee within three months from the date of incident and in case of series of incidents within 3 months of last incident.
- 2. The complaint should be given in written form.

3. Friends, relatives, colleagues, co students may file the complaint in situation where aggrieved person is unable to file.

# Process of conducting enquiry

- 1. Committee after receipt of complaint should send one copy of complaint to the respondent within a period of seven days.
- 2. After receipt of copy, respondents should submit the list of documents, witnesses within a period of 10 days
- 3. The enquiry should be completed within a period of ninety days from the receipt of complaint.
- 4. The head of institute should act on recommendations of committee within a period of thirty days of receipt of report.
- 5. An appeal against recommendations of the committee by either party before head of the institute should be made within thirty days of recommendations.
- 6. An aggrieved person may seek conciliation in order to settle matter. No monetary settlement should be made as a basis of conciliation.
- 7. The identity of aggrieved person should not be making public during the process of enquiry.
- Punishment & Compensation
- 1. Any found guilty should be punished as per the service rules, if the offender is an employee.
- 2. Where the offender is student then,
- a. Withhold the privileges such as transportation, scholarship, other allowances, entry in library, auditorium, hostels
- b. Suspend or restrict entry in campus
- c. Expel and strike off name from the roll of institution, including the denial of readmission if offence so warrants.
- d. Award reformative punishment like mandatory counselling and, or performance of community services.
- 3. An aggrieved person is entitled to payment of compensation. The compensation payable shall be determined on the basis of -
- a. Mental trauma, pain, suffering and distress caused to the aggrieved person
- b. The loss of carrier opportunity due to sexual harassment
- c. The medical expenses incurred by the victim for physical and psychological treatment
- d. The income and status of alleged perpetrator and victim
- e. The feasibility of such payment in lump sum or in instalments.

Sr. No.	Member present for meeting	Date	Topic Discussed
1.	Dr. Jyoti M. Deshmukh Mrs. Manisha D. Bagade Mrs. Meena A. Sathe Ms. Shweta Chaudhari	01/01/2018	Purpose of this committee was explained. The members were informed about the working of the committee and other rules and regulations for smooth functioning of the committee. Not any case was filed till to date.
2.	Dr. Jyoti M. Deshmukh Mrs. Maya U. Bhikane Mrs. Manisha D. Bagade Mrs. Meena A. Sathe Ms. Shweta Chaudhari	05/02/2018	General discussion on sexual harassment at work place was conducted. Every member shared their heard experiences to cultivate the knowledge of committee. Not any complaint was filed till to date.
3.	Dr. Jyoti M. Deshmukh Mrs. Maya U. Bhikane Mrs. Manisha D. Bagade Ms. Shweta Chaudhari	05/03/2018	General discussion. Not any complaint was filed till to date.
4.	Dr. Jyoti M. Deshmukh Mrs. Maya U. Bhikane Mr. R. H. Bhawale Mrs. Meena A. Sathe Ms. Shweta Chaudhari	02/04/2018	General discussion on women empowerment. Not any complaint was filed till to date.
5.	Dr. Jyoti M. Deshmukh Mrs. Maya U. Bhikane Mr. R. H. Bhawale Mrs. Meena A. Sathe Ms. Shweta Chaudhari	02/05/2018	Members discussed about the famous Kathua (J& K) case and how we can prevent such cases by empowering girl students at school and college level. Not any complaint was filed till to date.

#### **Details of Sexual Harassment Committee meetings**

# 6.5.2. Faculty

# Academic strength of faculty members / supporting staff:

Sr. No.	Sanctioned Faculty	No. of sanctioned faculty	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC / VCI/ other regulatory bodies
1.	Professor	09	04	05	05(UG)
2.	Associate Professor	10	08	02	12
3.	Assistant Professor	38	10	28	51

Note: -The faculties assigned the responsibilities for multiple programmes (UG and PG).

# Department wise Name, Designation and Qualification of Faculty Members

Sr. No.	Name of the Staff	Designation of the Staff	Qualification			
1.	Dr.B.M.Thombre	Associate Dean & Principal	M.Sc.(Agri.) Ph.D.			
<b>A</b> )	A) Department of Soil Science and Agricultural Chemistry					
1.	Dr.Sayyad Ismail	Professor	M.Sc. (Agri.) Ph.D			
2.	Dr.V.G.Takankhar	Associate Professor	M.Sc. (Agri.) Ph.D			

3.	Dr.P.B.Adsul	Assistant Professor	M.Sc. (Agri.) Ph.D
4.	Dr.A.N.Puri	Assistant Professor	M.Sc. (Agii.) Fil.D
		Assistant Professor	
	Department Plant Pathology		
1.	Dr.V.G.Mulekar	Associate Professor	M.Sc. (Agri.) Ph.D.
2.	Dr.S.J.Magar	Assistant Professor	M.Sc. (Agri.) Ph.D.
3.	Shri.S.V.Waghmare	Assistant Professor	M.Sc. (Agri.)
	) Department Agriculture Bot		
1.	Dr.P.B.Wadikar	Associate Professor	M.Sc. (Agri.) Ph.D.
2.	Dr.S.P.Pole	Assistant Professor	M.Sc. (Agri.) Ph.D.
<b>D</b> )	) Department Agronomy		
1.	Dr.P.N.Karanjikar	Professor (CAS)	M.Sc. (Agri.) Ph.D.
2.	Miss.M.J.Patange	Assistant Professor	M.Sc. (Agri.)
E)	) Department Entomology		
1.	Dr.B.M.Thombre	Professor	M.Sc. (Agri.) Ph.D.
2.	Dr.V.K.Bhamare	Associate Professor	M.Sc. (Agri.) Ph.D.
3.	Dr.D.G.more	Assistant Professor	M.Sc. (Agri.) Ph.D.
F)	Department of Extension Ed	ucation	
1.	Dr.V.B.Kamble	Professor	M.Sc. (Agri.) Ph.D.
2.	Dr.J.M.Deshmukh	Associate Professor	M.Sc. (Agri.) Ph.D.
3.	Dr.D.D.Suradkar	Assistant Professor	M.Sc. (Agri.) Ph.D.
G	) Department of Economics		
1.	Shri.S.H.Kamble	Associate Professor	M.Sc. (Agri.)
2.	Dr.R.D.Shelke	Associate Professor	M.Sc. (Agri.) Ph.D.
H	) Department of AHDS		
1.	Dr.D.S.Chauhan	Professor	M.Sc. (Agri.) Ph.D.
2.	Dr.A.T.Shinde	Associate Professor	M.Sc. (Agri.) Ph.D.
<b>I</b> )	Agril. Engineering		
1.	Dr.A.M.Kamble	Assistant Professor	M.Tech.Ph.D
2.	Dr.N.M.Tamboli(Comp)	Assistant Professor	M.Sc. (Agri.) Ph.D.
3.	Shri.M.M.Bhogaonkar(Math)	Assistant Professor	M.Sc. (Agri.)
<b>J</b> )	<b>Department of Horticulture</b>		
1.	Dr.V.S.Jagtap	Associate Professor	M.Sc. (Agri.) Ph.D.
2.	Dr.V.N.Shinde	Assistant Professor	M.Sc. (Agri.) Ph.D.
K	) Department of Physical & Eq	lucation &Sports	
1.	Dr.S.S.Shrungare	Assistant Professor	M.Sc.(Phy.Edu.) Ph.D.
L	<u> </u>		

# 6.5.2.1. Faculty Strength

**Faculty Strength:** If the Degree Programme is also taking the help of Research staff, extension staff, contractual faculty, guest faculty, adjunct faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.

Sr. No.	Academic Year	Designation	Sanctioned position	Faculty in position	Vacant position
1.	2018-19	Professor	09	04	05
		Associate Professor	10	09	01
		Assistant Professor	35	14	21
2.	2019-20	Professor	09	04	05
		Associate Professor	10	09	01
		Assistant Professor	35	11	24

3.	2020-21	Professor	09	05	04
		Associate Professor	10	09	01
		Assistant Professor	35	10	25
4.	2021-22	Professor	09	04	05
		Associate Professor	10	09	01
		Assistant Professor	35	12	23
5.	2022-23	Professor	09	04	05
		Associate Professor	10	08	02
		Assistant Professor	35	10	25

# **Details of Contractual Teachers:**

Sr. No.	Name and Qualification of Guest faculty, Faculty from Research Station, Colleges, Contractual Teacher	Name of the Department who take help to complete the curriculum	Programme	Course taught	Title of the Course	Semester
1.	Dr. V. P. Suryavanshi Ph.D.	Agronomy	PG	AGRON- 501	Modern concepts in crop production	Ι
				AGRON- 504	Principles and practices of water management	Π
2.	Dr. B.N. Aglave Ph.D.	Agronomy	PG	AGRON- 507	Agronomy of oilseeds, fiber & sugar crops	Ι
				AGRON- 502	Principles and practices of soil fertility and nutrient management	Π
3.	A.K. Ghotmukale M.Sc., NET	Agronomy	PG	AGRON- 512	Dry land farming and watershed management	III
4.	Dr. V.N. Toprope, M.Sc. (Agri.) Ph.D.	Genetics and Plant	PG	GP-502	Principles of Cytogenetics	Ι
	COA, Osmanabad	Breeding		GP-510	Breeding for Biotic & Abiotic stress Resistance	II
				GP-515	Maintenance Breeding, Concept of Variety release and Seed Production	III
5.	Dr.M.V.Dhuppe, M.Sc. (Agri.) Ph.D.	Genetics and Plant	PG	GP-501	Principles of Genetics	Ι
	ORS, Latur	Breeding		SST-503	Seed production in Field Crops	II
6.	Dr.S.T.Rathod, M.Sc. (Agri.) Ph.D. COA, Ambajogai	Genetics and Plant Breeding	PG	SST-501	Floral Biology, Seed Devp. & Maturation	Ι

7.	Dr.J.B.Tawale	Agricultural	PG	AG. ECON	Agricultural	
/.	DI.J.B. Lawale	Economics	PU	AG. ECON 504	Production	П
		Economics		304		ш
			DC		Economics	
8.	Miss P.A. Dange		PG	STAT-502	Statistical Methods	
					for Applied / Social	Ι
					Sciences	
9.	Dr. P.K. Nalwandikar	Agricultural	PG	ENT-510	Principles of	
	Associate Professor.	Entomology			Integrated Pest	Ι
	COA, Ambajogai				Management	
					(2019-20)	
				ENT-512	Pests of	
					Horticultural and	II
					Plantation Crops	
					(2018-19, 2019-20)	
10.	Dr. D.S. Mutkule	Agricultural	PG	ENT-511	Pests of Field crops	_
10.	Jr. Entomologist,	Entomology	10		(2018-19, 2019-20,	Ι
	ORS, Latur	Lincolloigy			2020-21)	
	OKB, Lata			ENT-505	Insect Ecology	II
				LIVI-303	(2019-20)	11
11.	Dr. Anita Sable	Agricultural	PG	ENT-510	Principles of	
11.	Assistant Professor,	0	10	LIN1-310	Integrated Pest	Ι
		Entomology			0	1
	CoA, Osmanabad				Management	
					(2020-21, 2021-22)	
				ENT-504	Classification of	Π
					Insects (2019-20,	
					2021-22)	
				ENT-505	Insect Ecology	II
					(2019-20)	
12.	Dr. N.E. Jayewar	Agricultural	PG	ENT-511	Pests of Field crops	Ι
	Assistant Professor,	Entomology			(2021-22)	
	CoA, Ambajogai			ENT-512	Pests of	
					Horticultural and	II
					Plantation Crops	
					(2020-21, 2021-22)	

# 6.5.2.2 Faculty Profile

Sr. No.	Name of the Department	Professor	Associate Professor	Assistant Professor	Remarks
1.	Agronomy	01	01	05	Sufficient and partially sufficient
					to meet the academic requirement
					of PG degree programme
2.	Agricultural	01	01	03	Sufficient and partially sufficient
	Botany				to meet the academic requirements
					of UG and PG degree programme,
					respectively
3.	Agricultural	01	01	02	Sufficient and partially sufficient
	Economics				to meet the academic requirements
					of UG and PG degree programme,
					respectively

4. 5.	Agricultural Engineering Agricultural	- 01	01	04	Sufficient to meet the academic requirement of UG degree programme. However here is no PG programme in Agricultural Engineering Sufficient and partially sufficient
	Entomology				to meet the academic requirements of UG and PG degree programme, respectively
6.	Animal Husbandry & DairyScience	01	01	04	Sufficient and partially sufficient to meet the academic requirements of UG and PG degree programme, respectively
7.	Extension Education	01	01	03	Sufficient and partially sufficient to meet the academic requirements of UG and PG degree programme, respectively
8.	Horticulture	01	01	04	Sufficient and partially sufficient to meet the academic requirements of UG and PG degree programme, respectively
9.	Plant Pathology	01	01	03	Sufficient and partially sufficient to meet the academic requirements of UG and PG degree programme, respectively
10.	Soil Science and Agricultural Chemistry	01	01	04	Sufficient and partially sufficient to meet the academic requirements of UG and PG degree programme, respectively

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

# 6.5.2.3 CREDENTIAL OF THE FACULTY

Sr.		Name of the faculty				
No.	Particulars	Dr. P. N.	Dr. A.S.	Miss. M.J.	S.B.	
190.		Karanjikar	Karle	Patange	Suryavanshi	
1.	Designation	Professor	Professor	Assistant	Senior Research	
		CAS		Professor	Assistant	
2.	Highest	M. Sc.	M. Sc. (Agri.),	Pursing Ph.	M.Sc. NET	
	Qualification	(Agri.),	Ph.D.	D.		
		Ph.D.				
3.	Work	21 yrs. 9	33	15 yrs. 2	18 yrs. 5 months	
	experience in	months		months		
	the field					
4.	Professional	Life member	Life Member	Life member	ISOR,	
	licensure &	of ISA	of ISA	of ISA	Hyderabad	
	certifications	Life member	Life member	Life member	IMS, Pune, ISA,	
		of ISDA	of ISOR	of ISDA	New Delhi,	
		Life member			ISDA,	
		of Guard			Hyderabad	
		Society,				
		Hyderabad				

5.	Number of	03	05	02	
5.	Honours &	03	05	02	
	awards				
6.	Number of	15	15	08	02
0.		15	15	08	02
	Trainings				
7	attended Number of	20		10	04
7.		20		10	04
	Conferences				
0	attended	M.C. 21	M.C. 15		
8.	Number of	M.Sc 21	M.Sc 15		
	Students guided	Ph. D 01	Ph. D 05		10
9.	Number of	59	48	15	10
	Research papers				
10	published	10		20	
10.	Number of	40	40	30	7
	Abstract				
	published				
11.	Number of			01	
	Books published				
12.	Number of	02	05		
	Chapter's				
	published				
13.	Number of	30	50	17	18
	Popular articles				
	published				
14.	Number of ICT				
	tools developed				
15.	Number of		01		
	Projects handled				
16.	Number of				
	Varieties				
	released				
17.	Special	Appreciation			04
	attainments	letter from			recommendations
		Hon. Vice			for farmers
		Chancellor,			
		VNMKV,			
		Parbhani for			
		outstand			
		work in the			
		field of seed			
		production			

# 2. Department of Agricultural Botany

Sr.		Name of the faculty				
No.	Particulars	Dr. P.B. Wadikar	Dr. S.P. Pole			
1.	Designation	Associate Professor	Assistant Professor			
2.	Highest Qualification	M.Sc. (Agri.), Ph.D.	M.Sc.(Agri.), on Study Leave			
3.	Work experience in the field	16	13			
4.	Professional licensure & certifications	06	-			
5.	Number of Honours & awards	03	-			
6.	Number of Trainings attended	09	06			
7.	Number of Conferences attended	11	09			
8.	Number of Students guided	26	14			
9.	Number of Research papers published	55	41			
10.	Number of Abstract published	20	27			
11.	Number of Books published	-	-			
12.	Number of Chapter's published	-	-			
13.	Number of Popular articles published	17	25			
14.	Number of ICT tools developed	07	05			
15.	Number of Projects handled	-	-			
16.	Number of Varieties released	-	03			
17.	Special attainments	-	-			

# 3. Department of Agricultural Economics

Sr.	Particulars	Name of the faculty			
No.	Particulars	Shri S.H. Kamble	Dr. R.D. Shelke		
1.	Designation	Associate Professor	Associate Professor		
2.	Highest Qualification	M.Sc. (Agri.)	M.Sc. (Agri.), Ph.D.		
3.	Work experience in the field	18	16		
4.	Professional licensure & certifications		09		
5.	Number of Honours & awards				
6.	Number of Trainings attended	03	06		
7.	Number of Conferences attended	05	16		

8.	Number of Students guided	14	15
9.	Number of Research papers published	23	71
10.	Number of Abstract published	13	27
11.	Number of Books published		08
12.	Number of Chapter's published		42
13.	Number of Popular articles published	13	116
14.	Number of ICT tools developed		
15.	Number of Projects handled		
16.	Number of Varieties released		
17.	Special attainments		<ol> <li>Editor in Chief-01</li> <li>Member of Editorial Board-05</li> <li>Member of Peer reviewed board-01</li> <li>Reviewer-02</li> </ol>

# 4. Department of Agricultural Engineering

Sr. No.	Particulars	Dr. A.M. Kamble	Shri. M.M. Bhogaonkar	Dr. N M Tamboli
1.	Designation	Associate Professor	Assistant	Assistant
	Designation	(CAS)	Professor	Professor
2.	Highest	Ph.D. (Agril.Engg.)	M.Sc (Math)	PhD (Computer
2.	Qualification			Science)
3.	Work experience	19 years	15 years teaching	26
	in the field		exp.	
	Professional		NIL	Nil
4.	licensure &			
	certifications			
	Number of	02	NIL	Nil
5.	Honours &			
	awards			
6.	Number of	09	05	28
0.	Trainings attended			
	Number of	09	NIL	02
7.	Conferences			
	attended			
8.	Number of	08	NIL	Nil
	Students guided			
9.	Number of	18	15	10
	Research papers			
	published			

10.	Number of	15	NIL	02	
	Abstract				
	published				
11.	Number of Books	03	NIL	Nil	
11.	published				
	Number of	04	NIL	1	
12.	Chapter's				
	published				
	Number of				
13.	Popular articles	25	NIL	Nil	
	published				
14.	Number of ICT	10	NIL	7	
14.	tools developed	10	NIL		
15.	Number of	00	NIL	Nil	
15.	Projects handled	00	NIL	1111	
16.	Number of	Three research release	NIL	Nil	
	Varieties released	Three research release	INIL		
17.	Special	Two Award	NIL	Nil	
17.	attainments	i wo Awalu	INIL	1111	

# 5. Department of Agricultural Entomology

Sr.	Particulars	Name of the faculty			
Sr. No.		Dr. V.K.	Dr. P.K.	Dr. D.S.	Dr. D.G.
110.		Bhamare	Nalwandikar	Mutkule	More
1.	Designation	Associate	Associate	Junior	Assistant
		Professor	Professor	Entomologist	Professor
2.	Highest	M.Sc. (Agri.),	M.Sc. (Agri.),	M.Sc.	M.Sc.
	Qualification	Ph.D., NET	Ph.D.	(Agri.), Ph.D.	(Agri.),
					Ph.D.
3.	Work experience	16	22	19	16
	in the field				
4.	Professional	06	02	03	03
	licensure &				
	certifications				
5.	Number of	02	-	-	01 (Radha-
	Honours &	Fellow of ESI,			kishan
	awards	New Delhi (2020)			Shanti
		Fellow of Society			Malhotra
		for Bio-Control			Award,
		Advancement,			2017)
		NBAIR,			
		Bengaluru (2022)			
6.	Number of	13	02	04	11
	Trainingsattended				
7.	Number of	21	02	12	11
	Conferences				
	attended				
8.	Number of	35	20	03	16
	Students guided				

9.	Number of	94	45	11	43
	Research papers published				
10.	No. of Abstract published	85	85 12		33
11.	Number of Books published	04	-	02	03 (Marathi)
12.	No. of Chapter's published	03	01	02	14 (Marathi Books)
13.	Number of Popular articles. published	45	10	15	61
14.	Number of ICT tools developed	10	05	02	05
15.	Number of Projects handled	03	-	14	02 (Co-PI)
16.	Number of Varieties released	01	05	02	04 (02 Soybean & 02 Cotton)
17.	Special attainments	<ol> <li>Recorded new parasitoids Aenasius bambawalei Hayat and Promuscidea unfasciativentri s Girault parasitizing Cotton MealyBugs, Phenacoccus solenopsis Tinsley during 2008</li> <li>Zonal Counsellor (Central &amp; West Zone) of ESI, IARI, New Delhi</li> <li>Latur Chapter of ESI, New Delhi</li> </ol>	Initiated the plant protection work on soybean	Developed IPM module of sunflower and groundnut	<ol> <li>03 Technical recomme ndations</li> <li>01 Award (Radhaki shan</li> <li>Shanti Malhotra Award</li> <li>2017)</li> <li>Worked as National level AICRP Soybean monitorin g team member (Entomol ogist) and monitore d the AICRP Soybean trials for 05 years (2010- 14)</li> </ol>

0.	Department of Animal Husbandry and Dairy Science			
Sr.	Particulars	Name of th	ne faculty	
No.	Farticulars	Dr. D. S. Chauhan	Dr. A. T. Shinde	
1.	Designation	Professor	Associate Professor	
2.	Highest Qualification	Ph. D. (Animal	Ph. D. (LPT)	
		Science)		
3.	Work experience in the field	19 years	22	
4.	Professional licensure &	Life Member of	-	
	certifications	SOCDAB		
		ISAPM, ISSGAPU		
5.	Number of Honours & awards	02	-	
6.	Number of Trainings attended	07	06	
7.	Number of Conferences attended	04	04	
8.	Number of Students guided	16	03 (Ph.D)	
			22 (M.Sc.)	
9.	Number of Research papers	38	16	
	published			
10.	Number of Abstract published	26	15	
11.	Number of Books published	08	01	
12.	Number of Chapter's published	02	-	
13.	Number of Popular articles	15	10	
	published			
14.	Number of ICT tools developed	-	-	
15.	Number of Projects handled	-	-	
16.	Number of Varieties released	01	-	
17.	Special attainments	Reviewer-02	-	

## 6. Department of Animal Husbandry and Dairy Science

## 7. Department of Extension Education

Sr.		Name of the Faculty			
No.	Particulars	Dr. V.B.	Dr.Mrs. J.M.	Dr. D.D.	
140.		Kamble	Deshmukh	Suradkar	
1.	Designation	Professor	Associate Professor	ETO/Asstt.	
				Professor	
2.	Highest	Ph. D. (Agri.)	Ph.D. (Agri.) PGD SRD	Ph.D. (Agri.) NET	
	Qualification				
3.	Work experience in	29	19	13	
	the field				
4.	Professional	13	12	12	
	licensure &				
	certifications				
5.	Number of	01	04	01	
	Honours & awards				
6.	Number of	03	03	02	
	Trainings attended				
7.	Number of	07	06	04	
	Conferences				
	attended				

8.	Number of	15	12	15
	Students guided			
9.	Number of	04	18	10
	Research papers published			
10.	Number of	00	00	00
	Abstract published			
11.	Number of Books	01	03	01
	published			
12.	Number of		00	00
	Chapter's			
	published			
13.	Number of Popular	03	05	00
	articles published			
14.	Number of ICT	PPT for UG &	PPT for UG & PG	PPT for UG & PG
	tools developed	PG courses	courses	courses
15.	Number of Projects			
	handled			
16.	Number of			
	Varieties released			
17.	Special attainments		Reviewer-02	

# 8. Department of Horticulture

Sr.	Particulars	Name of the Faculty				
No.	Particulars	Dr. V.S. Jagtap	Dr. V.N. Shinde			
1.	Designation	Associate Professor	Assistant Professor			
2.	Highest	Ph.D. (Agri.)	Ph.D. (Agri.)			
	Qualification					
3.	Work experience	18	15			
	in the field					
4.	Professional	Life member of Trends in Bio-	Life member Journal of			
	licensure &	Science, Life member of Indian	Citriculture			
	certifications	society of Horticulture.				
5.	Number of					
	Honours & awards					
6.	Number of	10	04			
	Trainings attended					
7.	Number of	05	03			
	Conferences					
	attended					
8.	Number of	35	13			
	Students guided					
9.	Number of	25	15			
	Research papers					
	published					
10.	Number of	13	09			
	Abstract published					
11.	Number of Books	01	00			
	published					

12.	Number of		01
	Chapter's		
	published		
13.	Number of Popular	27	20
	articles published		
14.	Number of ICT	Prepared PPT of HORT notes	Prepared PPT of HORT notes
	tools developed	and practical manuals	and practical manuals
15.	Number of		03
	Projects handled		
16.	Number of	PBNC-1 – Chilli	
	Varieties released	PBNT-5- Tomato	
17.	Special attainments		

# 9. Department of Plant Pathology

C.			Name of the	faculty	
Sr. No.	Particulars	Dr. A.P.	Dr. V.G.	Dr. S. J.	Prof. S. V.
110.		Suryawanshi	Mulekar	Magar	Waghmare
1.	Designation	Professor and	Associate	Assistant	Assistant
		Associate Dean	Professor and	Professor	Professor
		and Principal	In-charge		
			Professor		
2.	Highest	M.Sc. (Agri.) M.Sc. (Agri.)		M.Sc. (Agri.)	M.Sc. (Agri.)
	Qualification	Ph.D.	Ph.D. Ph.D.		
				Ph.D. 14 years	
3.	Work experience	34 years	34 years 33 years		11 years
	in the field			and 6	
				month	
4.	Professional				
	licensure &				
	certifications				
5.	Number of	14(07 award 7			01
	Honours &	Best Poster		Best Oral/	
	awards	/presentation)		Poster 6	
6.	Number of	13	05	08 online	
	Trainings			/offline	
	attended				
7.	Number of	48	07	19	04
	Conferences				
	attended				
8.	Number of	25 M.Sc. and 05	18	35	
	Students guided	Ph.D.			
9.	Number of	82	15	57	04
	Research papers				
	published				
10.	Number of	102	24	58 03	
	Abstract				
	published				
11.	Number of	03		02	
	Books published				

12.	Number of	05	01	13	
	Chapter's				
	published				
13.	Number of	(42) and Folders	05	14 and	02
	Popular articles	(04)		Folders	
	published			(02)	
14.	Number of ICT				
	tools developed				
15.	Number of	04 Ad hoc		01	
	Projects handled	project			
16.	Number of				
	Varieties				
	released				
17.	Special	03	01		
	attainments	recommendatio	recommendation		
		ns	S		

# 10. Department of Soil Science and Agricultural Chemistry

Sr.	Particulars		Name of the faculty	7
No.		Dr. B.S.	Dr. V. G.	Dr. P. B.
		Indulkar	Takankhar	Adsul
1.	Designation	Professor	Associate	Assistant
			Professor	Professor
2.	Highest Qualification	Ph.D. (Agri.)	Ph.D. (Agri.)	Ph.D. (Agri.)
3.	Work experience in the field	32	33	15
4.	Professional licensure & certifications	Annual Member of Journal of Indian Society of Soil Science	Life member of 1.Journal of Agricultural Research and Technology 2. Progressive Research-An International Journal 3. Annual Member of Journal of Indian Society of Soil Science	<ol> <li>Life member Journal of Indian Society of Soil Survey and Land Use Planning</li> <li>Annual Member of Journal of Indian Society of Soil Science</li> </ol>
5.	Number of Honours & awards	03	03	01
6.	Number of Trainings attended	09	17	05
7.	Number of Conferences attended	14	12	05
8.	Number of Students guided	36	28	13
9.	Number of Research papers published	35	53	18
10.	Number of Abstract published	30	29	12

11.	Number of Books	04		01
	published			
12.	Number of Chapter's			
	published			
13.	Number of Popular	15	20	15
	articles published			
14.	Number of ICT tools	Prepared PPT of	Prepared PPT of	Prepared PPT of
	developed	SSAC, notes and	SSAC notes and	SSAC notes and
		practical manuals	practical manuals	practical manuals
15.	Number of Projects	01	02	
	handled			
16.	Number of Varieties			
	released			
17.	Special attainments	01	01	05 Research
				release
				recommendations
				in Joint
				AGRESCO

# 11. Library COA, Latur

Sr.	Particulars	Name of the faculty	
No.		Shri. B. G. Kamble	
1.	Designation	Assistant Librarian	
2.	Highest Qualification	M.A., M.Lib.SET	
3.	Work experience in the field	4 years	
4.	Professional licensure & certifications	Nil	
5.	Number of Honours & awards	Nil	
б.	Number of Trainings attended	03	
7.	Number of Conferences attended	04	
8.	Number of Students guided	Nil	
9.	Number of Research papers published	Nil	
10.	Number of Abstract published	Nil	
11.	Number of Books published	Nil	
12.	Number of Chapter's published	Nil	
13.	Number of Popular articles published	Nil	
14.	Number of ICT tools developed	Nil	
15.	Number of Projects handled	Nil	
16.	Number of Varieties released	Nil	
17.	Special attainments	Nil	

# 6.5.2.4 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 & field experiments
1.	Agronomy	-	-	-	-
2.	Agricultural Botany	00	00	01	Partially fulfilled
3.	Agricultural Economics	-	01	-	Partially fulfilled
4.	Agricultural Engineering	01 (Carpenter)	-	-	Partially fulfilled
5.	Agricultural Entomology	01	01	-	Partially fulfilled
6.	Animal Husbandry and Dairy Science	01	03	01	Sufficient
7.	Extension Education	-	01	-	Partially fulfilled
8.	Department of Horticulture	-	-	03	Partially fulfilled
9.	Plant Pathology	-	01	-	Partially fulfilled
10.	Soil Science & Agricultural Chemistry	-	01	-	Partially fulfilled

## 6.5.3. Learning resources

## 6.5.3.1 College Library (digital)

## **1.** Information and Location of the Library:

Library is located in the center of College of Agriculture, Latur campus. The building is having length of 100 feet and width of 50 feet. The carpet area of Reading Room is about 1500 sq. ft. The building has a capacity of stacking twenty-five thousand volumes and can accommodate 100 readers at a time.

## 2. Library Staff:

The details of staff are given in the following table:

Sr. No.	Name	Designation	
1.	Kamble B.G.	Assistant Librarian	
2.	Padwal S.B.	Technical Assistant	
3.	Kadam V.D.	Lab Attendant	

## 3. Wi-fi facility availability:

Wi-fi facility is available in library building for members of the library.

### 4. Books and other reading materials are as follows:

### **Library Collection**

BOOKS					
Number of Reference Books	:	1000			
Number of Text Books	:	11715			
Total Number of Books	:	12715			
Daily News Papers	:	08			
Reports	:	50			
Journals	:	45 (Discontinued)			
Thesis	:	1239			

Different library services like book circulation, reading room services, periodical services, reference services, current awareness, selective dissemination of information, inter library loan services, reprographic; book bank, database, internet etc. provided to library users.

#### 5. Subject wise books available in library as on 31-03-2023:

Sr. No.	Subject	No. of Books
1.	General Agriculture	700
2.	Agricultural Economics	400
3.	Agricultural Engineering	320
4.	Agricultural Meteorology	310
5.	Soil Science and Agricultural Chemistry	640
6.	Agricultural Botany	880
7.	Agricultural Statistics	340

8.	Agricultural Entomology	600
9.	Agricultural Extension Education	470
10.	Agronomy	780
11.	Plant Pathology	590
12.	Animal Husbandry and Dairy Science	680
13.	Bio Chemistry	325
14.	Biotechnology	280
15.	Computer Science	260
16.	English Language	260
17.	Horticulture	800
18.	Mathematics	260
19.	Microbiology	210
20.	Science & Technology	230
21.	General	1000
22.	Competitive Exam MPSC, SRF/JRF	1380
	Total Books	11715

### 6. Book Bank Scheme:

The Book Bank facility is started from last 10 years for the SC, ST and NT students of this college. Two or three text books are issued to each such student for the one semester.

### 7. Availability of computers and internet facility:

The Internet facility is provided on 15 computers. Speed of internet is 8 Mpbs through leased line (OFC). Internet service is available for members of the library.

#### 8. Latest technology in library sciences:

#### a. Current Awareness and SDI Services:

Current awareness services are provided through indexing, abstracting databases. The CAB, Agris, Agri economics, Academic search primer CD-ROM databases are kept on LAN for current information search. The requirements of the selective research workers are fulfilled, through selective dissemination of information from different databases, internet and available information sources.

#### **b. Reference Service:**

Reference service section is a subsection of periodical section. Reference services are provided to readers through the reference books available in the library. Queries of users are answered and assistance for finding literature is provided.

#### c. Reprographic Services:

This unit has two automatic plain paper copiers through which the services of photocopy are provided to the readers with nominal charges. The photocopying charges are Rs.0.60 per page. On an average 60 thousand copies are provided to the library users annually.

## d. CCTV:

From the security point of view of the library, CCTV system has been installed in the library with 8 cameras.

## 9. Stocking Arrangement:

The books are kept in the library's stack room as per the DDC classification system.

### 10. Automation and user Services Through Computer :

The service like circulation, cataloging (OPAC), periodicals service, are computerized. The Library Management software KOHA (Cloud Web based) is used for operation of all Services.

Databases: The following databases are available in Library

### (A) Offline databases

- 1. CABI Abstract
- 2. Academic search premier (Full text)
- 3. Agrieconomics
- 4. Thesis CD
- 5. Training Programme CD
- 6. Agris
- 7. Agricola

## (B) Online databases: Web based services.

- 1. CeRA (jgateplus.com)
- 2. Openj-gate.com
- 3. Krishiprabha
- 4. Krishikosh
- 5. Agristat.

## **11. Opening hours:**

- 1. Services Hours: 9.00 AM To 05.00 PM
- 2. Reading Hall Timing: 7.00 AM To 10.00 PM

# **12.** Subscription of journals:

The library does not have any journals due to non-allotment of separate grants. But daily newspapers, Times of India and current general types of magazines are available in the library.



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

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

Sr. No.	Name of Department	Name of laboratory	Number	Space	Speciality
1.	Agronomy	U G Laboratory	01	6.60 m x 8.40 m	Utilized for conducting UG practical's
		P.G. Laboratory	01	6.60 m x 8.40 m	Utilized for conducting PG practical's
2.	Agricultural Botany	UG Laboratory	01	12.73 x 7.76 m	Utilized for conducting UG practical's of GPB
		UG Laboratory	01	16.36 x 7.57 m	Conducting practicals of plant physiology and seed technology
		PG Laboratory	01	7.15 x 8.00m	Utilized for conducting PG practical's
3.	Agricultural Economics	UG Laboratory	01	7.6 m x 4 m	Utilized for conducting UG practical's
		Computer Laboratory	01	16.79 m x 7.92 m	Utilized for conducting PG practicals and PG research data analysis
4.	Agricultural Engineering	UG Laboratory	01	11.7 m x 6.50 m	Utilized for demonstration of models, instruments, for conducting UG practical's
		Computer Laboratory-cum classroom	01	12.0 m x 9.0 m	Utilized for conducting practicals on computer skills, internet access, online teaching aids, online applications of UG/PG students, office work
5.	Agricultural Entomology	UG Laboratory	01	16.64 m x 7.49 m	Utilized for conducting UG practicals

		Biological Control	01	16.98 m x	Utilized for conducting
		-	01	7.92 m	practicals on biological
		Laboratory		7.92 111	
			01	1670	control
		PG Laboratory	01	16.79 m x	Utilized for conducting
				7.92 m	UG practicals
		Insect Museum	01	8.23 m x	Used for conducting
				7.92 m	UG/PG practical's
		Experiential Learning	01	15.30 m x	Used for conducting ELP
		Unit on Commercial		7.30 m	on Commercial Sericulture
		Sericulture			Used for conducting PG
		(ICAR funded)			research on sericulture
6.	Animal	UG practical	01	11.64 m x	Seating arrangement with
	Husbandry and	classroom-cum-		6.55 m	dual desk, working
	Dairy Science	seminar Hall			platform, water supply in
					basin
		PG practical	01	11.64 m x	Utilized for conducting
		classroom-cum-		6.55 m	PG practical's
		seminar Hall		one e m	- o provident s
7.	Extension	UG Laboratory	01	9.30 m x	Utilized for conducting
7.	Education	e e Lucciatory	01	6.50 m	UG practical's
	Education	PG Laboratory	01	9.30 m x	Utilized for conducting
		1 C Eucoratory	01	6.50 m	PG practical's
8.	Horticulture	UG Laboratory	01	12.10 m x	Utilized for conducting
0.	Horneulture	OG Laboratory	01	6.20 m	5
		DC Laboratory	01		UG practical's
		PG Laboratory	01	8.40 m x	Utilized for conducting
			01	6.40 m	PG practical's
		Experiential	01	13 m x	Used for conducting ELP
		Learning Unit on		10 m	on Commercial
		Commercial			Vegetable Production
		Vegetable Production			
		(ICAR funded)			
		Shed net house for	01	28 m x	Used for conducting UG
		UG		20 m	practical's
		Shed net house for	01	28 m x	Used for conducting PG
		PG		20 m	practicals and research
		Shed net house for	01	12 m x	Used for plant
		nursery		6 m	propagation
		Polyhouse	01	28 m x	Used for conducting PG
				20 m	research
9.	Plant Pathology	UG Laboratory	01	17.5 m x	Utilized for conducting
				8.0 m	UG practical's
		PG Laboratory	01	17.5 m x	Utilized for conducting
				8.0 m	PG practicals
		Plant Pathology	01	9.10 x 7.40	Utilization for
		Mushroom		m	Preparation of Media,
		Laboratory along			isolation of cultures of
		isolation chamber			mushroom and
					Preparation of Spawn
		Plant Pathology	01	11.60 x	Cultivation and growing
		Mushroom Growing	~ <b>1</b>	7.40 m	of Mushroom
		and Cropping Room		,	
		Media preparation	01	7.20 x8 m	For preparation of media
			01	/.20 10 111	
		and washing room	01	25 20	and for washing of
		Isolation Chamber	01	2.5 x 2.0 m	glassware and for basic
					work-related isolation.

10.	Soil Science and	UG Laboratory	01	15 m x 8.0	Utilized for conducting
	Agricultural			m	UG practicals
	Chemistry	PG Laboratory	01	18.0 x 8.0	Utilized for conducting
				m	PG practicals
		Central	01	17.0x9.0	Having high-cost
		Instrumentation Cell			instrument which are
		(CIC)			used by PG students of
					Latur Campus





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

Sr.	Name of	Name of Instructional	Number	Space	Speciality
No.	Department	farm			
1.	Agronomy	UG Instructional farm	01	0.5 ha	Used for conducting UG practicals & crop cafeteria
		PG Instructional-cum research farm	01	1.5 ha	Used for conducting PG practicals and research
2.	Agricultural Botany	UG/PG Instructional cum research farm	01	0.8 ha	Used for conducting UG practicals and PG research work
3.	Agricultural Economics	NIL	NIL	NIL	NIL
4.	Agricultural Engineering	NIL	NIL	NIL	NIL
5.	Agricultural 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 and PG
		Honeybee foraging garden	01	0.5 ha	Used for conducting UG/PG practicals
		PG Instructional-cum research farm	01	1.5 ha	Used for conducting PG practicals and research
6.	Animal Husbandry and Dairy Science	PG Instructional-cum research farm	01	4.28 ha	Used for conducting UG/PG research and practicals
		Cattle shed	01	13.72 x 9.14 m	Used for conducting UG/PG practicals

		Goat shed	01	14.93 m x	Used for conducting
		Cout bild	01	6.70 m	UG/PG practicals
		Experimental poultry	01	4.48 m x	Used for conducting
		house	01	6.03 m	practicals of ELP on
					Commercial Broiler
					Production.
					Used for conducting
					PG research on
					Broiler
7.	Extension Education	NIL	NIL	NIL	NIL
8.	Horticulture	UG Instructional farm	01	0.20 ha	Used for conducting
					UG practicals
		Area under Orchard	01	10.00 ha	Used for conducting
		plantation			UG/PG practicals
		PG Instructional-cum	01	2.20 ha	Used for conducting
		research farm			PG practical and
					research
		Experiential Learning	01	0.40 ha	Used for conducting
		Unit on Commercial			ELP on Commercial
		Vegetable production			Vegetable production.
		(ICAR funded)			
		Shed net house for UG	01	28 m x 20	Used for conducting
				m	UG practicals
		Shed net house for	01	12 m x 6 m	Used for plant
		nursery			propagation
		Polyhouse	01	28 m x 20	Used for conducting
				m	UG research
9.	Plant Pathology	UG/PG Instructional -	01	1.25 ha	Used for conducting
		cum research farm			UG/PG practicals and
					research
		Experiential Learning	01	9.10x7.40	Used for conducting
		Unit on Mushroom		m and	practicals of ELP on
		Production		11.60 x	Mushroom Production
		TechnologyMushroom		7.40 m	Technology
		spawn - run room			Used for conducting
					PG research on
10			61	1.251	Mushroom
10.	Soil Science	PG Instructional-cum	01	1.25 ha	Used for conducting
	and	research farm			PG practicals and
	Agricultural				research
	Chemistry				
-	•	•		•	

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

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





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

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

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

Sr. No.	Name of Department	Name of Structure	Number	Size/ Space	Water storage capacity, m <sup>3</sup>
1.	Agricultural	Farm Ponds	17	Top: 16m x16m	12,273
	Engineering			Bottom: 12m x 12m	
		Percolation	02	150x3.5x2m	2095
		Trench		487x1.3x0.75	
		Percolation	02	20 m x15 m	449
		Pits			

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 students
1.	2018-19	Latur-road, Ashta, Wadwal, Algarwadi, Hasuri, Harijawalga, Halgara, Mahapur, Manejavalaga.	85
2.	2019-20	Bhandarwadi, Govindnagar, Patherwadi, Samsapur, Gansargaon, Mohgaon,	121
3.	2020-21	Students were allotted at their native places due to Pandamic-19	83
4.	2021-22	Students were allotted at their native places due to Pandamic-19	105

lo.	ELM t Start nt		N	Number of students trained			Profit sharing with students				SII			
Sr. No.	Name of ELM unit	Year of Start	Grant received	18-19	19-20	20-21	21-22	22-23	18-19	19-20	20-21	21-22	22-23	Status
1.	Commercial Sericulture Silkworm cocoon production technology	2011- 12	30.00 Lakh	22	30	12 25	02 39	49	0	0	0	0	0	Functional
2.	Commercial vegetable production	2015- 16	92.70 Lakh in 2013- 14	22	30	26	37	50	0	0	0	0	0	Functional
3.	Mushroom cultivation technology	2019- 20	64.00	22	30	24	39	35	0	0	0	0	0	Functional

## b. Implementation of Experiential Learning Programmes

# 1. ELM BOT-481: Seed Production and Technology

Sr.No.	Position	Name	Designation
1.	Chief Executive Officer	Dr. B.M.Thombre	Associate Dean & Principal
2.	Managing Director	Dr. P.B.Wadikar	Asso. Professor & I/C, BOT
3.	Module Manager	Dr. S.P. Pole	Asstt. Professor of BOT
4.	Associate / Advisor	Dr. S.H. Kamble	Asso. Professor of ECON
5.	Associate / Advisor	Dr. V. K. Bhamare	Asso. Professor of ENTO
6.	Associate / Advisor	Dr. P.N.Karanjikar	Professor of AGRO

#### 2. ELM SSAC-485: Soil, Water Plant and Fertilizer Analysis

Sr.No.	Position	Position Name		
1.	Chief Executive Officer	Dr. B.M.Thombre	Associate Dean & Principal	
2.	Managing Director	Dr. V.G. Takankhar	Professor & I/C, SSAC	
3.	Module Manager	Dr. P.B. Adsul	Asso. Professor of SSAC	
4.	Associate / Advisor	Dr. S.H. Kamble	Asso. Professor of ECON	
5.	Associate / Advisor	Dr. J. M. Deshmukh	Asso. Professor of EXTN	

## 3. ELM PATH-486: Mushroom Cultivation Technology

Sr.No.	Position	Name	Designation
1.	Chief Executive Officer	Dr. B.M.Thombre	Associate Dean & Principal
2.	Managing Director	Dr. V. G. Mulekar	Asso. Professor & I/C, PATH
3.	Module Manager	Dr. S. J. Magar	Asstt. Professor of PATH
4.	Associate / Advisor	Dr. R.D. Shelke	Asso. Professor of ECON
5.	Associate / Advisor	Dr. V.K. Bhamare	Asstt. Professor of ENTO
6.	Associate / Advisor	Dr. D. D. Suradkar	Asstt. Professor of EXTN

-											
Sr.No.	Position	Name	Designation								
1.	Chief Executive Officer	Dr. B.M.Thombre	Associate Dean & Principal								
2.	Managing Director	Dr. D.S.Chauhan	Asso.Professor & I/C, AHDS								
3.	Module Manager	Dr. A. T. Shinde	Asso.Professor of AHDS								
4.	Associate / Advisor	Dr. R.D. Shelke	Asso. Professor of ECON								
5.	Associate / Advisor	Dr. D.D,Suradkar	Asso. Professor of EXTN								
6.	Associate / Advisor	Dr. S. V. Waghamare	Asstt. Professor of PATH								

### 4. ELM AHDS-486: Processing of Milk and Milk Products

#### 5. ELM ENTO-488: Silkworm Cocoon Production technology

Sr.No.	Position	Name	Designation
1.	Chief Executive Officer	Dr. B.M.Thombre	Associate Dean & Principal
2.	Managing Director	Dr. V. K. Bhamare	Asso. Professor & I/C, ENTO
3.	Module Manager	Dr. D. G. More	Asstt. Professor of ENTO
4.	Associate / Advisor	Dr. P.N. Karanjikar	Professor of AGRO
5.	Associate / Advisor	Dr. S.H. Kamble	Asso. Professor of ECON
6.	Associate / Advisor	Dr. S. J. Magar	Asstt. Professor of PATH

## 6. ELM HORT-4812: Commercial Vegetable Production

Sr.No.	Position	Name	Designation
1.	Chief Executive Officer	Dr. B.M.Thombre	Associate Dean & Principal
2.	Managing Director	Dr. V.S. Jagtap	Asso. Professor & I/C, HORT
3.	Module Manager	Dr. V.S. Jagtap	Asso. Professor of HORT
4.	Associate / Advisor	Dr. S. V. Waghamare	Asso. Professor of PATH
5.	Associate / Advisor	Dr. R.D. Shelke	Asso. Professor of ECON
6.	Associate / Advisor	Dr. V. K. Bhamare	Asso. Professor of ENTO

These committees provide necessary guidance to ELM students for proper implementation of above-mentioned modules.





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

All class rooms have the facility of PC, LCD projector. Three class rooms have the facility of K- YAN Community Computer having the facility of projector and interactive board which is used for teaching and practicals as per need.

Sr. No.	Name of the Department	No. of class rooms upgraded as smart class rooms	Remark			
1.	Lecture Halls	02				
2.	Agronomy					
3.	Agricultural Botany	01				
4.	Agricultural Economics	01				
5.	Agricultural Engineering		Online ICAR e-			
6.	Agricultural Entomology	01	courses, PPT			
7.	Animal Husbandry and Dairy Science	01	presentations, etc			
8.	Extension Education	01	presentations, etc			
9.	Horticulture	01				
10.	Plant Pathology	02				
11.	Soil Science and Agricultural	01				
	Chemistry					

## 6.5.4 Student Development:

Student Development at the College directs its educational efforts at fostering the intellect and character of students by integrating in-class and co-curricular experiences. To accomplish this, the College provides a wide range of educational experiences through programs and activities that complement and support the academic experience in the classroom.

## 6.5.4.1 Student intake and Attrition

The year wise information of sanctioned strength, actual intake and attrition in the last five years of the degree programme from this college is presented in the following table

Name of	h h		ctual student admitted in last five years				A	ttritio	n %		
Degree Programme	Sanctioned strength	2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23
B.Sc. (Hons.) Agri.	94 + ICAR Quota	110	121	120	118	120	15	03	06	10	04
M.Sc. (Agri./ Hort.)	108 (09 Dept.)	104	106	103	107	91	02	02	02	02	02

• Actual Intake - 94 (M & U quota - 87 + Other State- 02 + ICAR Seats- 05)

• Over and above 10% seats for ICAR. (09 seats)

• (10% seats over and above for agriculture diploma holders for first year (09 seats) and 20% seats to direct second year (19 seats) from academic year 2015-16).

## **Student Passing Percentage (UG)**

Year	Appear (VIII Sem.)	Pass out	% of passing	First Class with Distinction	I Class	II Class
2018-19	88	74	84.09	02 (2.70)	37 (97.36)	35 (47.29)
2019-20	119	111	93.27	02 (1.80)	38 (34.23)	71 (63.96)
2020-21	75	68	90.66	10 (14.70)	53 (77.94)	05 (7.35)
2021-22	114	113	99.12	26 (23.00)	84 (73.68)	03 (2.65)
2022-23	121	121	100.00	45 (37.19)	76 (62.80)	00
Total	517	487	94.19	85 (17.45)	288 (59.13)	114 (23.40)

# **Student Passing Percentage (PG)**

## M.Sc. Agriculture

Year	Appear	Pass out	First Class with Distinction	I class	II class
2018-19	96	87 (90.62)	16 (18.39)	55 (63.21)	16 (18.39)
2019-20	96	86 (89.58)	21 (24.41)	52 (60.46)	13 (15.11)
2020-21	93	90 (96.77)	18 (20)	58 (64.44)	14 (15.55)
2021-22	95	95 (100)	36 (37.89)	58 (61.05)	01 (1.05)
2022-23	91	91 (100)	24 (26.37)	63 (69.23)	04 (4.39)
Total	462	449 (97.18)	115 (25.61)	286 (63.69)	48 (10.69)

## M.Sc. Horticulture

Year	Appear	Pass out	First Class with Distinction		
2018-19	12	12 (100)	02 (16.66)	08 (66.66)	02(16.66)
2019-20	08	08 (100)		04 (50)	04 (50)
2020-21	08	08 (100)		02 (16.66)	06 (75)
2021-22	11	11 (100)	02 (16.66)	09 (81.81)	00
2022-23	11	11 (100)	03 (27.27)	07 (63.63)	01 (9.09)
Total	48	50 (100)	7 (14)	30 (48.93)	13 (25.53)

# 6.5.4.2. Average Number of Students in Theory and Practical Classes:

The number of students sitting in a class for theory and practical are presented in the following Table.

Sr. No.	Name of Degree Programme	-	ents in theory ass	Batch of students in Practi class			n Practical
110.	1 Togramme	Group - I	Group - II	AB	CD	EF	GH
1.	B.Sc. (Hons.) Agri.	60 60		35	35	35	35
2.	M.Sc. (Agri./Hort.)	1			12		

#### 6.5.4.2 Admission process (UG)

The common admission procedure is implemented by The Maharashtra Council of Agricultural Education and Research (MCAER- State Council), Pune through 'Online Admission'.

A candidate should be XII standard passed in 10 + 2 pattern from Maharashtra State Board of Higher Secondary Education or an equivalent examination passed with Physics, Chemistry, Biology, Mathematics and English. For under graduate programme of B.Sc. (Agri.) following conditions apply.

- 1. Those who have not offered Mathematics/ Biology as one of the optional subjects at XII standard shall have to complete a additional course in Mathematics / Biology as deficiency courses which will not be considered while calculating C.G.P.A.
- The candidates who have passed XII standard examination / qualifying examination from outside Maharashtra State should have offered Physics, Chemistry, Biology, Mathematics and English subjects each of 100 marks separately.
- Candidates from outside Maharashtra State who have passed qualifying examination of XII standard or equivalent with Botany and Zoology instead of Biology are also eligible.
- 4. The candidate should have passed the qualifying examination with minimum 50 % marks for open category and 40% marks for reserve category.

#### **Mode of Admission**

An advertisement is published in leading news papers in the month of May / June before declaration of the XII standard results. Applications in the prescribed proforma are called from eligible candidates. The details regarding courses, colleges with their intake capacities, reservations of seats, documents to be enclosed with the application form are given in the advertisement. The admission procedure and calendar are given in the prospectus.

#### Admission

The selected students should report to the Associate Dean & Principal of the college during the notified period for admission.

#### **Fee Payment Mechanism**

Payment of fees is accepted through online by using State Bank Collect, A multi-Model Payment Portal

## **Fees Structure:**

## Fees structure of B.Sc. (Hons.) Agri. students for session

		20	018-2023			2018-2023	
			Ionsoon			Summer	
Sr. No.	Particular	Open category boys / ICAR students	Scholar- ship holder students	Open category girl students	Open categor y boys / ICAR students	Scholar- ship holder students	Open category girl students
EDU	<b>CATIONAL FEE</b>	<b>S</b> (A)					
1.	Tuition fees	6000	-	-	6000	-	-
2.	Medical	200	-	200			
3.	Registration fees	400	400	400	400	400	400
4.	Grade card fees	200		200	200	-	200
5.	Library fees	800	-	800	800	-	800
6.	Examination fee	3200	3200	3200	-		
7.	Insurance	100	-	100	-		
8.	Eligibility	400*/ 800*	-	-	-	-	-
9.	Disaster management	10	10	10	-		
10.	Caution Money	2000*	2000*	2000*			
	TOTAL (A) Rs.	13310.00/ 13710.00*	5610.00	6910.00	7400.00	400.00	1400.00
GYN	IKHANA FEES (I	<b>B</b> )					
1.	Gymkhana fees	2350		2350	1000	-	1000
	TOTAL (B) Rs.	2350.00*		2350.00	1000.00	-	1000.00
HOS	TEL FEES (C)						
1.	Hostel Caution Money	3000*	3000*	3000*	-	-	-
2.	Hostel Maintenance charges	3000	3000	3000	3000	3000	-
3.	Light charges	3000	3000	3000	3000	3000	3000
	TOTAL (C) Rs.	9000	9000	9000	6000	6000	3000
	GRAND TOTAL (A+B+C) Rs.	24660.00/ 25060*	14610.00	18260.00	14400	6400.00	5400.00

\*Collected only once in the first semester

# Registration

A) Payment through online by using State Bank Collect, A multi- Model Payment Portal.

- B) For late registration Associate Dean / Principal grants permission to a student for registration with late fee of Rs. 100/- (Rs. hundred) per day up to a period of five working days.
- C) Enrolment of students in various courses in consultation with counsellors. i.Submission of Roster Form ii. Registration for 5th to 8th semesters : A student shall be allowed to register for the courses of V, VI, VII and VIII semesters if he / she has successfully completed all the courses prescribed up to the II, III, V and VI semesters, respectively.

### 6.5.4.3 Admission process (PG)

The common admission procedure is implemented by the Maharashtra Council of Agricultural Education and Research (MCAER- State Council), Pune through 'Online Admission'

Postgraduate admissions are strictly on merit basis on marks obtained in the Common Entrance Test (CET) of respective faculty for the current year conducted by Maharashtra Agricultural Universities Examination Board (MAUEB) and CGPA of the qualifying degree examination in the proportion of 70:30 with weightages, respectively.

Admission to all Postgraduate courses shall be on the basis of 70 % of Marks obtained in Common Entrance Test conducted by Maharashtra Agricultural Universities Examination Board (MAUEB) and 30% marks of CGPA in graduation and weightages if any.

#### Mode of Admission

An advertisement is published in leading news papers in the month of July. Applications in the prescribed proforma are called from eligible candidates. The details regarding courses, colleges with their intake capacities, reservations of seats, documents to be enclosed with the application form are given in the advertisement. The admission procedure and calendar are given in the prospectus.

## Admission

The selected students should report to the Associate Dean & Principal of the concerned college during the notified period for admission.

### Fee Payment Mechanism

Payment of fees is accepted through online by using State Bank Collect, A multi-Model Payment Portal.

#### **Fees Structure:**

Registration fees structure for I semester students of M.Sc. (Agri./Hort.)

Sr.	Items	Maharashtra					GOI		Out of State		
No.		Open	Boys	EBC**/ EWS BoysOpen/EWS Girls		•		s &	Boys & Girls		
A	College & Hostel Fees	HS	DS	HS	DS	HS	DS	HS	DS	HS	DS
1.	Tuition fee	8000	8000	4000	4000	0	0	0	0	8000	8000

## Academic year 2018-19, 2019-20, 2020-21, 2021-22, 2022-23

2.	Enrol. /Reg. fee	500	500	500	500	500	500	500	500	500	500
3.	Eligibility Fee#	500	500	500	500	500	500	0	0	800	800
4.	College caution Money*	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
5.	Library	1000	1000	1000	1000	1000	1000	0	0	1000	1000
6.	Medical	200	200	200	200	200	200	0	0	200	200
7.	Grade Card	200	200	200	200	200	200	0	0	200	200
8.	Examination Fee	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
9.	Insurance	100	100	100	100	100	100	100	100	100	100
10.	Hostel Caution Money*	3000	0	3000	0	3000	0	3000	0	3000	0
11.	Hostel Maintenance	3000	0	3000	0	0	0	3000	0	3000	0
12.	Light Charges	3000	0	3000	0	3000	0	3000	0	3000	0
13.	Miscella- neous (DMF)	10	10	10	10	10	10	10	10	10	10
	TOTAL Rs.	25010	16010	21010	12010	14010	8010	15110	6110	25310	16310
	(A)										
B	Gymkhana										
1.	Fees	1000	1000	1000	1000	1000	1000	0	0	1000	1000
1.	Gymkhana fee	1000	1000	1000	1000	1000	1000	0	0	1000	1000
2.	Co-operati-	200	200	200	200	200	200	0	0	200	200
3.	ve Society# Social Gathering/ APDF	800	800	800	800	800	800	0	0	800	800
4.	College Magazine	400	400	400	400	400	400	0	0	400	400
5.	Krida Mahostav	100	100	100	100	100	100	0	0	100	100
6.	Identity Card#	100	100	100	100	100	100	0	0	100	100
7.	Student's Aid Fund#	200	200	200	200	200	200	0	0	200	200
	TOTAL Rs. (B)	2800	2800	2800	2800	2800	2800	0	0	2800	2800
	Grand	27810	18810	23810	14810	16810	10810	15110	6110	28110	19110

**Registration Fees Structure for II Semester Students of M.Sc. (Agri./Horti.)** 

Sr.	Items		Maha	arashtra	Stude	nts		GC	)I/	Out of State		
No.		Open	Boys	EBC EWS		Op EWS	en/ Girls	Boys	Freeship Boys & Girls		Boys & Girls	
A	College & Hostel Fees	HS	DS	HS	DS	HS	DS	HS	DS	HS	DS	
1.	Tuition Fee	8000	8000	4000	4000	0	0	0	0	8000	8000	
2.	Enrol./ Registration Fee	500	500	500	500	500	500	500	500	500	500	
3.	Library	1000	1000	1000	1000	1000	1000	0	0	1000	1000	
4.	Grade Card	200	200	200	200	200	200	0	0	200	200	
5.	Hostel Maintenance Charges	3000	0	3000	0	0	0	3000	0	3000	0	
6.	Hostel Electricity Charges	3000	0	3000	0	3000	0	3000	0	3000	0	
	Total (A) Rs.	15700	9700	11700	5700	4700	1700	6500	500	15700	9700	
В	Gymkhana Fee											
1.	Gymkhana Fee	1000	1000	1000	1000	1000	1000	0	0	1000	1000	
	Total (B) Rs.	1000	1000	1000	1000	1000	1000	0	0	1000	1000	
	Grand Total (A+B) Rs.	16700	10700	12700	6700	5700	2700	6500	500	16700	10700	

## Academic year 2018-19, 2019-20, 2020-21, 2021-22, 2022-23

\*Collected only once in the first semester

## Registration

- A) Payment through online by using State Bank Collect, A multi- Model Payment Portal.
- B) For late registration Associate Dean / Principal grants permission to a student for registration with late fee of Rs. 100/- (Rs. One hundred) per day up to a period of five working days.
- C) Enrolment of students in various courses in consultation with counsellors. i.
   Submission of Roster Form

## Academic Schedule:

College follow all academic schedules published by MCAER, Pune at the start of the semester.

#### 6.5.4.4 Conduct of Practical and Hands-on Training

As per the curricula practicals are conducted in laboratory and some practicals on farm as per need. RAWE programme provides the opportunities to students for hands-on training and develops confidence and competence for solving various agricultural problems and launching a career for them in agriculture. The students are kept for five months with farmers in the village which includes exposure visit to different Agro-based industries to increase the confidence of students.

#### **Experiential Learning Programme**

The experiential learning programme is being implemented in four disciplines during VIII semester.

#### **Concept of experiential learning**

- Learning to do,
- Doing to learn,
- Earning to living,
- Living to serve

#### **Objectives of experiential learning**

- i) To train manpower with more practical orientation to cater the needs of public, private and corporate sectors in Agriculture.
- To impart knowledge and training in inter disciplinary production-oriented courses in Agriculture.
- iii) To provide training for developing entrepreneurial skill for being job provider rather than jobseeker.

Twenty to thirty students are admitted in the following experiential learning module.

#### **Experiential Learning Modules:**

Sr. No.	Course No.	Module Title	Major Department	Associate Department
1.	ELM ENTO 488	Silkworm Cocoon	ENTO	PATH, AGRO,
		Production Technology		ECON
2.	ELM HORT 4812	Commercial Vegetable	HORT	ECON, PATH,
		Production		ENTO
3.	ELM AHDS 486	Processing of Milk and	AHDS	EXTN, ECON,
		Milk Products		PATH
4.	ELM PATH 486	Mushroom Cultivation	PATH	ENTO, ECON,
		Technologies		EXTN
5.	ELM BOT 481	Seed production and	BOT	PATH, ECON,
		Technology		EXTN
6.	ELM SSAC 485	Soil, Water, Plant and	SSAC	ECON, EXTN
		Fertilizer Analysis		

### 6.5.4.5 Examination and Evaluation Process (UG)

The evaluation and grading is through the course credit system and as per the Academic Regulations for Bachelor's Degree Programme approved by the M.C.A.E.R. (As per the Academic Regulations for Bachelor's Degree Programme Pages 9, 10,11, 12 and 13 consisting - Evaluation, Weightage, Grading, Class, Repeat examination, Unfair means and Graduation requirements).

## Periodical examinations (Mid-term and Semester end)

Mid-term examinations are conducted by Associate Dean and Principal which consist of the theory paper of one-hour duration. The semester end theory and practical examination shall be of 2/3 hours duration.

#### The allocation of marks and relative weightages

One credit is equal to 50 marks. The relative weightages to the various examinations conducted, class-work and records maintained during a semester shall be as under.

	Examination	Weightage	Marks for credit		
	Examination	(%)	2 (1+1)	3 (2+1)	
Theory	Mid-semester examination	20	10	20	
	Semester end examination	80	40	80	
Practical	General Performance *	20	10	10	
	Semester End Practical Examination	80	40	40	

\*From academic year 2017-18 for B.Sc. (Hons.) Agriculture, 5 marks for Practical Record and 5 marks for assignments are allotted under general performance.

### Grading and declaration of class

The graduation is in 0–10-point scale. The following stages are given for declaration of classes for UG degree programme.

Degree	Pass class	Second class	First class	First class with Distinction
B.Sc. (Hons) Agriculture 2017-18 onwards	5.00 to 5.99	6.00 to 6.99	7.00 to 7.99	8.00 and above





Students seeking less than 50 (B.Sc. Hons. Agriculture) per cent marks in a course would be declared as failed in that course. There is provision of 05 grace marks for the students admitted from academic year 2017-18. The students who have 80 per cent attendance, but failed in courses can apply for the semester end examination directly without attending the classes in that course/s. However, such student (s) shall have to register by filling the said courses in the roster form and by payment of fees of Rs.100/-per course.

#### 6.5.4.5 Examination and Evaluation Process (PG)

The evaluation and grading is through the course credit system and as per the Academic Regulations for Masters Degree Programme approved by the M.C.A.E.R.

### Periodical examinations (Mid-term and Semester end)

Mid- term examinations are conducted by Associate Dean and Principal. It consists of the theory paper of 1/1.30 hour duration and the semester end theory examination shall be of 2/3 hours duration for the courses having theory credits of 1 & 2 respectively. The semester end practical examination shall be of 2 hours duration.

#### The allocation of marks and relative weightages

One credit is equal to 50 marks. The relative weightages to the various examinations conducted, class-work and records maintained during a semester shall be as under.

	Examination		Marks for credit		
	Examination	(%)	2 (1+1)	3 (2+1)	
Theory	Mid-semester examination	20	10	20	
	Semester end examination	80	40	80	
Practical	General Performance *	20	10	10	
	Semester End Practical Examination	80	40	40	

#### Grading and declaration of class

The post gradation is in 0–10-point scale. The following stages are given for declaration of classes for PG degree programme.

Degree	Pass class	Second class	First class	First class with Distinction
M.Sc. (Agri)	6.50 to 7.00	7.00 to 7.49	7.50 to 8.49	8.50 and above

Students seeking less than 65 (M.Sc. Agri) per cent marks in a course would be declared as failed in that course. The students who have 80 per cent attendance, but failed in courses can apply for the semester end examination directly without attending the classes in that course/s. However, such student (s) shall have to register by filling the said courses in the roster form and by payment of fees of Rs.100/- per course.

## 6.5.4.6. NCC/NSS/RVC Units:

## **Existence and Functioning of NSS unit:**

NSS was formally launched on 24<sup>th</sup> September, 1969, the birth centenary year of the Father of the Nation. The National Service Scheme (NSS) of students sponsored by the Ministry of Human Resource Development, Department of Youth Affairs and Sports, Government of India is in operation at the College since 1987. The unit is provided with 150 volunteers and two programme officers. The activities are twofold.

- 1) Regular activity under which the volunteers have to complete 240 hours during two years of registration.
- 2) Special Camping Programme, under which the volunteers are kept in a village for 7 days to participate in the programme on literacy, health, sanitation, construction of rural roads etc.

Sr. No.	Name of the Programme	No. of Students participated/ benefited	Impact of the programme, and how it is benefiting the students
2018			
	Regular Programmes:	1	
1.	Grass, parthenium eradication, training and pruning of trees	150	College campus cleaned, healthy, motivated and mentored the students towards cleanness and training and pruning of trees
2.	Tree plantation on college campus (Neem, citrus, karanj & other)	150	The motto or watchword of the NSS volunteer is – 'Not Me but You' was enhanced through plantation
3.	The NSS volunteers were actively participated in Swachh Bharat Mission & various activities of college like celebration of Krishi Din, Independence Day, National days, Youth Festival, Women's day etc.	150	It underlines that the welfare of an individual is ultimately dependent on the welfare of society on the whole or community
<b>B</b> ) <b>S</b>	pecial Camp Activities: 22-28 <sup>th</sup> March 2	019 at Chikalt	nana
1.	Conducted Gramsabha & Address by Dr.B.M.Thombre, Associate Dean & Principal, CoA, Latur	75 & 100	Motivated the students, villagers towards daily shramdan and reflects the essence of democratic living and upholds the need for selfless service to show consideration for fellow human beings.
2.	Daily Shramdan – Repairinf of approach roads, solid waste and dirty water management to be proposed	75 & 10	Motivated the villagers and change their perceptions and attitude towards daily shramdan

3.	Lecture on 'Dry land farming technology of various crops' by Dr. Prashant Karanjikar, Professor (CAS) Agronomy, COA, Latur	75 & 150	Aware the farmers, students an villagers towards' 'Adoption of dry land farming technology of various crops'.
4.	Lecture on 'Importance of soil testing' by Dr.Vilas Takankhar, Assoc. Professor of SSAC, CoA, Latur	75 & 150	Aware the farmers and students about soil testing and how it is beneficial for soil management and to increase crop yield.
5	Lecture on 'Modern-day compatibility personality qualities of youth' by Dr.Raghunath Jaybhaye, Assoc. Professor of Agril. Engineering, CoA, Latur	75 & 150	Motivated the youth and how he can reflect the essence of democratic living and upholds the need for selfless service and appreciation of the other person's point of view and also to show consideration for fellow human beings.
6.	Lecture on 'Integrated farm managment' by Dr.Vasant Suryawanshi, Extension Agronomist, RAEEC, CoA, Latur	75 & 150	Aware the farmers and students about integrated farm manage- ment and how crop production is increased through IFM.
7.	Organized 'Pashupalak Melawa' Addressed by Dr.V.D.Patil, DI & Dean (F/A), VNMKV, Parbhani, Dr.Anilkumar Bhikane, Head, Parmacology Dept., College of Veterinary, Udgir, Dr. Laxmanrao Karanjikar, Ex.Head AHDS, VNMKV, Parbhani, Shri Bacchesaheb Deshmukh, Deoni, Gopalak, Babhalgaon Tq Di. Latur, Prof. Gunwant Biradar, Mahatma Basweshwar Mahavidyalaya, Latur	75 & 150	Aware the farmer and students about how to maintain the livestock and what care should be taken in livestock in changing scenario and climate change, how to generate self employment
8.	Organized 'Krishi Kavi Sammelan'. Addressed by Dr.Mukun Rajpankhe, Yashwantrao Chavan Mahavidyalaya, Ambajogai, Shri. Janardhan Sonwane, Kej, Smt. Anuradha Thombre- Suryawanshi, Latur, Shri Balaji Mundhe, Kingaon, Prof. Dr.Sanjay Khadap, Ambajogai, Dr. Vijay Bhamare, Latur	75 & 160	Aware and motivated to students and farmer through the poems and also change the perception, attitude of farmers and students towards the agriculture sector and agriculture education.
9.	Organized 'Shetkari Melawa' Address by Dr.Dinkar Jadhav, Project Director, ATMA, Latur, Dr.Digambarrao Chavan, Ex.Registrar, VNMKV, Parbhani, Dr.Arun Kadam, Professor of Horticulture, Latur, Dr.Vishwanath Kamble, Prof. Of Extn. Education, Prof. Nagendra Kalegore, Assoc. Prof. Agronomy, CoA, Latur	75 & 200	Shetkari Melawa organized for interaction between farmer and agriculture scientist to plan for growing of profitable crop. The agriculture scientists of the University also answer the queries of the farmers.

10.	Organized 'Mahila Melawa'. Address by Dr.Asha Arya patil, Prof. Food and Nutrition Dept. College of Community Science, Parbhani, Smt. Vandan Phutane, Block Education Officer, Panchayat Samiti, Renapur, Smt. Jayashree Todkar, Gramsevak, Chikalthana, Dr.Sunita Magar, Coa, Latur	75 & 170	Helped for changing the life style of rural women in dodays competitive world, create awareness about 'beti bacho bei padho' abhiyan, empowerment of rural women in rural area.
11.	Organized the 'Epilogue Programme' (Valedictory programme) addressed by Dr.Babasaheb Thombre, ADP, CoA, Latur, Dr.Maharudra Ghodke, Incharge Officer, ORS, latur, Prof. Hemant Patil, ADP, ABM, Chakur, Dr.Vyankat Jagtap, Principal, ATS, Latur	75 & 50	Social attachment to youth i concrete. Students and farmers gained the valuable principle of coordination, management through such type of special NSS camp.
2019			
	Regular Programmes:		
1.	Grass, Parthenium eradication, Training, pruning of trees campaign was arranged in college campus in order to emancipate Parthenium weed & cleaning the College campus.	100	College campus cleaned, healthy. Motivated and mentored the students towards cleanness and training and pruning of tree.
2.	Tree plantation programme was run on college premises in which Kadu Nimb, Citrus, Karanj and other various tree plants were planted on road sites of college campus.	100	The motto or watchword of the NSS Volunteer is: <b>'NOT ME</b> <b>BUT YOU'</b> . Was enhanced through plantation.
3.	The NSS volunteers were actively participated in Swachh Bharat Mission programme, "Clean India Green India" campaign, organized Blood donation camp & various activities of college like celebration of Late Vasantrao Naik Jayanti (Krishi Din). Independence Day, NSS day, organization of Farmers Rabi Melawa, Celebration of Marathi Bhasha Din (Pandharwada) and National days etc.	100	It underlines that the welfare of an individual is ultimately dependent on the welfare of society on the whole or community specially Farmers.
<b>B</b> ) <b>S</b>	pecial Camp Activities:		
	The NSS special camp is postponed due	to COVID 19.	
2020	-21		
<b>A</b> ) <b>I</b>	Regular Programmes:		
1.	Grass, Parthenium eradication, Training, pruning of trees campaign was arranged in at NSS volunteer's villages (Their natives) in order to emancipate Parthenium weed & cleaning villages.	100	NSS volunteer's villages (Their natives). cleaned, healthy. Motivated and mentored the students towards cleanness.
2.	Tree plantation programme was run on	100	The motto or watchword of the

	11 • • 11 1 .• •.1		
	college premises in collaboration with		NSS Volunteer is: 'NOT ME
	SBI, Tilaknagar Branch, Latur in		BUT YOU'. Was enhanced
	which Kadu Nimb, Citrus, Karanj and		through plantation.
	other various tree plants were planted		
	on road sites of Auditorium, college		
	campus.		
3.	The NSS volunteers were actively	100	It underlines that the welfare of
	participated in Swachh Bharat Mission		an individual is ultimately
	programme, "Clean India Green India"		dependent on the welfare of
	campaign, organized Blood donation		society on the whole or
	camp & various activities of college		community specially Farmers.
	like celebration of Late Vasantrao Naik		, , , , , , , , , , , , , , , , , , ,
	Jayanti (Krishi Din). Independence		
	Day, NSS day, organization of Farmers		
	Rabi Melawa, Celebration of Marathi		
	Bhasha Din (Pandharwada), National		
	Youth Week and National days,		
	Jayanti etc. at NSS volunteer's villages		
	(Their natives).		
B) S	pecial Camp Activities		
0001	The NSS special camp is postponed due	to COVID 19.	
2021			
-	Regular Programmes:	100	
1.	Grass, Parthenium eradication,	100	College campus cleaned,
	Training, pruning of trees campaign		healthy. Motivated and
	was arranged in college campus in		mentored the students towards
	order to emancipate Parthenium weed		cleanness and training and
	& cleaning the College campus.		pruning of tree.
2.	Tree plantation programme was run on	100	The motto or watchword of the
	college premises in which Kadu Nimb,		NSS Volunteer is: 'NOT ME
	Citrus, Karanj and other various tree		BUT YOU'. Was enhanced
	plants were planted on road sites of		through plantation.
	college campus.		
3.	The NSS volunteers were actively	100	It underlines that the welfare of
	participated in Swachh Bharat Mission		an individual is ultimately
	programme & various activities of		dependent on the welfare of
	college like celebration Late Vasantrao		society on the whole or
	Naik Jayanti (Krishi Din).		community
	Independence Day & National days,		-
	Youth festival, celebration of women		
	day etc.,		
B) S	pecial Camp Activities 21 - 27 March 20	22, At. Mahar	ana Pratap Nagar. To. & Dist.
Latu		,	<b>1 1 1 1 1 1 1 1</b>
1.	Daily Shramadan): - Plant watering	100 & 10	Motivated the villagers and
	management work (Preparation of		change their perceptions and
	rings around tree and mulching),		attitude towards Daily
	Cleaning, Eradication of Parthenium		Shramadan.
	grass, solid waste etc.		Situliuuun.
2.	Speech delivered on "Importance of	100 & 10	Aware the Farmers & students
2.	Organic Farming" by Chief Guest,	100 @ 10	about Organic Farming,
	organic raming by Chief Odest,		uoout organic i arming,

	Sau.Vaishali tai Ghuge, Master Trainer of organic farming, Andur, Tq. Tuljapur, Dist. Osmanabad.		Entrepreneurship, as well as increasing the Crop Yield
3.	Dry farming technology: - Delivered speech on "Dry land farming technology on various crops" by Dr.A.S.Karle, Incharge, ADP, COA, Latur.	100 & 10	Aware the Farmers, students and villagers towards 'Adoption of Dry land farming technology on various crops' in farming.
4.	Speech delivered on "Human Health Importance & Its Management" by Dr.S.S.Shrangare, Sport Teacher, COA, Latur.	100 & 10	Aware the Farmers & students about Human Health Importance & Its Management.
2022	2-23		
A) 1	Regular Programmes:		
1.	Cleaning Campaign	120	Understand the needs and problem of the community
2.	Plantation	120	
3.	Blood donation	120	Develop capacity to meet emergencies
4.	Health Checkups	120	Awareness about health problem
5.	Parthenium Awareness Week	120	Develop among themselves a sense of social & civic responsibility
6.	Celebration of International and National Days	120	Practice national integration and social harmony
7.	Celebration of International and National weeks	120	Practice national integration and social harmony
<b>B</b> ) S	pecial Camp Activities: 14-20 March, 20	023, at Mahap	ur, Tq. & Dist. Latur.
1.	Farmers-Scientist interaction Programme	60	Understand the community in which they work
2.	Animal parents melawa	60	Understand themselves in relation to their community
3.	Krushi kavi smelan	60	Gain skill in mobilizing community participation
4.	Farmers melawa	60	Understand the community in which they work
5.	Mahila melawa	60	Awareness about mahilas problem in community
6.	Shramdan	60	Understand the needs and problem of the community
7.	Personality development	60	Develop skills and sense of social responsibility



#### 6.5.4.7. Language Laboratory:

The committee regarding proper functioning and upgradation of English language Laboratory software is constituted by Associate Dean and Principal, College of Agriculture, Latur vide office order No.GLP/2108/2017 dated 30-12-2017. The other members of the committee include:

Sr. No.	Name of Faculty	Position in Committee
1.	Dr. V. G. Takankhar	Chairman
2.	Dr. N. M. Tamboli	Member
3.	Dr. S. S.Shrungare	Member
4.	Shri B.G.Kamble	Member
5.	Shri M.M.Bhogaonkar	Member Secretary

This committee conducted the meeting on dated 08-01-2018 in order to discuss about the proper functioning of Language Laboratory software which is purchased from GOLS Language Lab for 5 users at a time and it is installed in computer Laboratory in 2013 -14 and it is working smoothly till date. It has 9 levels of English learning (Complete Beginner-Beginner- Intermediate- Intermediate + - Advance- Advance + -Business- Business+ -Business ++). Some of the students of UG and PG are using this Language Lab software for improving their English. It is also decided to purchase the new Language Lab software in this financial year for a greater number of users and will be installed in Library of this college. It is also decided to increase the awareness among the students regarding importance of English Language and improve it by using English Lab software and other learning methods

### 6.5.4.8 Cultural Centre

The college campus has Auditorium having capacity of 600 students for organization of various cultural activities. The various cultural activities are run through the Gymkhana, College of Agriculture, Latur for UG and PG students. Gymkhana fund is generated through students under the control of Associate Dean and Principal and Vice President, Gymkhana. The expenditure of various cultural activities is made from this fund. A separate gymkhana committee is formulated to encourage the students in order to participate in various cultural activities. The various cultural events organized during last five year are as under.

## Achievements of the students in cultural activities:

## Cultural events during 2018-19

Sr. No.	Event organized	Date	Particulars of event
1.	International Yoga Day	21.06.2018	
2.	Youth Festival 'Natrang'	09-10 October 2018	Organized University Level intercollegiate youth festival
3.	Continuous 18 hrs study programme		Organized on occasion of Mahatma Phule Jayanti & Dr.Babasaheb Ambedkar Jayanti
4.	Dr.Babasaheb Ambedkar Jayanti	14.04.2018	-
5.	Sports & Cultural Week	12-19 Feb. 2019	Organized on occasion of Chatrapati Shivaji Maharaj Jayanti
6.	International Women's Day	08.03.2019	Dr.Vrushali Kinhalkar, Gynacologist, Nanded and councillor guided the students.
7.	Various International, National day celebrations, birth anniversaries of national leaders were celebrated.	On respective days	In response to Govt. Of Maharashtra circular No. JPUTI/2217/257/29 dt. 29.12.2017.

# Achievements of the students in cultural activities:

		Academic year 2018-19	
Sr. No.	Events	Achievements	Rank/ Medal
1.		al – 'Natrang' (University Level), 09-10 October 2018	
	Venue-Colle	ge of Agriculture, Latur	
	Solo Dance	Londhe Renuka	Gold
	(Lavni)		
	Folk Dance	1. Bhendekar Yeshoda 2. Londhe Renuka 3. Giri	Silver
		Rajashri 4. Kashid Komal 5. Wathore Pallavi 6. Patil	
		Apurve 7. Bhoite Nikhil 8. Lawand Dhavalsinh 9.	
		Ingale Shivam 10. Joshi Shravani 11. Devare Arti 12.	
		Bansode Chandrshree	
	Mime	1.Dhapse Dnyaneshwari 2. Amle Komal 3. Bhalekar	Silver
		Prasad 4. Raut Smita 5. Lagad Mangesh 6. Waghmare	
		Shubhangi	
	Light Vocal	Joshi Shravani	Bronze
	Cartooning	Deshmukh Sakshi Udaysing	Silver

# Cultural events during 2019-20

Sr.No.	Event organized	Date	Particulars of event
1.	International Yoga Day	21.06.2018	
2.	Continuous 18 hrs study		Organized on occasion of Mahatma
	programme		Phule Jayanti & Dr.Babasaheb
			Ambedkar Jayanti
3.	Dr.Babasaheb Ambedkar	14.04.2018	-
	Jayanti		
4.	Sports & Cultural Week	12-19 Feb.	Organized on occasion of Chatrapati
		2020	Shivaji Maharaj Jayanti

5.	International Women's	08.03.2020	
	Day		
6.	Various International,	On respective	In response to Govt. Of Maharashtra
	National day celebrations,	days	circular No. JPUTI/2217/257/29 dt.
	birth anniversaries of		29.12.2017.
	national leaders were		
	celebrated.		

Achievements of the students in cultural activities:

	Academic year 2019-20			
Sr. No.	Events	Achievements	Rank/Medal	
1.	<b>Individual Dance</b>	Sameer Shaikh	Ι	
		Renuka Londhe	II	
2.	Duet	Nikita Tilgame & Bharati	Ι	
		Samruddhi Wangaskar & Vaishnavi Shinde	II	
3.	Group Dance	Samruddhi Wangaskar & Group	Ι	
		Renuka Mahajan & Group	II	
4.	Rangoli	Rohit Karde	Ι	
		Shubhangi Waghmare	II	
5.	Elocution	Samruddhi Wangaskar	Ι	
		Onkar Pise & Ajinkya Pawar (Divided)	II	

## Cultural events during 2020-21

Sr. No.	Event organized	Date	Particulars of event
1.	International Yoga Day	21.06.2018	
2.	Continuous 18 hrs study.		Organized on occasion of Mahatma
	programme		Phule Jayanti & Dr.Babasaheb
			Ambedkar Jayanti
3.	Dr.Babasaheb Ambedkar	14.04.2018	-
	Jayanti		
4.	Sports & Cultural Week	12-19 Feb.	Organized on occasion of Chatrapati
		2020	Shivaji Maharaj Jayanti
5.	International Women's Day	08.03.2020	
6.	Various International,	On	In response to Govt. Of Maharashtra
	National day celebrations,	respective	circular No. JPUTI/2217/257/29 dt.
	Birth anniversaries of	days	29.12.2017.
	National leaders were		
	celebrated.		

## Achievements of the students in cultural activities:

Academic year 2020-21						
Sr. No.	Events	Achievements	Rank/Medal			
1.	Individual Dance	Sameer Shaikh	Ι			
		Renuka Londhe	II			
2.	Duet	Nikita Tilgame & Bharati	Ι			
		Samruddhi Wangaskar & Vaishnavi	II			
		Shinde				
3.	Group Dance	Samruddhi Wangaskar & Group	Ι			
		Renuka Mahajan & Group	II			

4.	Rangoli	Rohit Karde	Ι
		Shubhangi Waghmare	II
5.	Elocution	Samruddhi Wangaskar	Ι
		Onkar Pise & Ajinkya Pawar (Divided)	II

## Cultural events during 2021-22

Sr. No.	Event organized	Date	Particulars of event	
1	Workshop on	07.07.2021	Dr.A.P.Suryawanshi, Mrs.Jayshree	
	Psychological Support for		Jani, (MGNCRE), Govt. of India were	
	Covid-19 Pandemic		the speakers.	
	situation (Online)			
2.	Free Health checkup camp	17.08.2021		
3.	Blood Donation Camp	05.09.2021		
4.	National Communal	25.11.2021		
	Harmony Day (Flag Day)			
5.	Marathi Bhasha	14 to 28		
	Swanvardhan	January 2022		
	Pandharwada (Essay			
	Competition)			
6.	Marathi Bhasha	$25^{\text{th}}$ and $28$	Dr.Anuja Jadhav, HOD ( English )	
	Swanvardhan	January 2022	Dr.Suresh Shinde,HOD (Marathi)	
	Pandharwada (Expert			
	Guidance)			
7.	National Voter's Day	25.01.2022	Shri. Dnyanoba Fulari Ex. Additional	
	(Expert Guidance)		Collector	
8.	National Voter's Day	25 <sup>th</sup> January	Dr.Anuradha Shrungare	
	(Rangoli Competition)	2022		
9.	Sports & Cultural Week	12-19 Feb.	Organized on occasion of Chatrapati	
		2020	Shivaji Maharaj Jayanti	
10.	D.Chatrapati Shivaji19.02.2022Dr. Mahadev Gavhane		Dr. Mahadev Gavhane Principal	
	Maharaj Jayanti		Rajashri Shahu College, Latur	
11.	Blood Donation Camp	07.03.2022		
12.	International Women's	08.03.2022	Sau. Aashatai Bhise Social Worker,	
	Day		Latur	

## Achievements of the students in cultural activities:

Academic year 2021-22						
Sr. No.	Events	Achievements	Rank/Medal			
1.	Individual	Sameer Shaikh	Ι			
	Dance	Renuka Londhe	II			
2.	Duet	Nikita Tilgame & Bharati	Ι			
		Samruddhi Wangaskar & Vaishnavi Shinde	II			
3.	Group	Samruddhi Wangaskar & Group	Ι			
	Dance	Renuka Mahajan & Group	II			
4.	Rangoli	Rohit Karde	Ι			
		Shubhangi Waghmare	II			
5.	Elocution	Samruddhi Wangaskar	Ι			
		Onkar Pise & Ajinkya Pawar (Divided)	II			

# Cultural Events during 2022-23

	Academic year 2022-23						
Sr.No.	Events	Achievements					
1.	Cultural events: Gold	1. Pratiksha Khedkar 2. Mayuri Ganvir 3. Pratibha Dive 4.					
	medal in participated	Apurva Shelhalkar 5. Gitashri Jadhav 6. Shubhada Shiral 7.					
	all four events.	Snehal Sapate 8. Suharsha Vasmatkar 9. Kirti Gavhale					
	1) Group Dance	10. Swati Kale					
	2) Mime	1. Swati Kale 2. Shubhada Shiral 3. Snehal Sapate 4. Kirti					
	2) Winte	Gavhale 5. Gitashri Jadhav 6. Mayuri Ganvir					
	3) One Act Play	1. Pratiksha Khedkar 2. Pratibha Dive 3. Apurva Shelhalkar					
	4.Mono acting	Kalpana Waghmode					
2.	Fine arts Events:						
۷.	Poster Making	Gold (Desai Siddhi)					
	I USICI WIAKIIIg	Consolation (Rautrao Shivani)					
	Cartooning	Gold (Desai Siddhi)					
	Cartooning	Consolation (Rautrao Shivani)					
	On the spot pointing	Gold (Desai Siddhi)					
	On the spot painting Collage	Gold (Desai Siddhi)					
	Conage	Silver (Rautrao Shivani)					
		Consolation (Sapate Snehal)					
	Rangoli	Gold (Desai Siddhi & Sapate Snehal)					
	Kangon	· · · · · · · · · · · · · · · · · · ·					
	Clay modelling	Bronze (Rautrao Shivani) Gold (Dosoi Siddhi & Sanata Snahal)					
	Clay moderning	Gold (Desai Siddhi & Sapate Snehal)					
		Silver (Rautrao Shivani)					
	Litarony Eventer	Consolation (Sapate Snehal)					
	Literary Events: Debate	Bronza (Bhandakar Surai & Davara Viran)					
	Elocution	Bronze (Bhandekar Suraj & Devare Kiran)					
3.	Solo Dance	Silver (Pawar Ajinkya) Kshitija Suryawanshi					
5.	Duet Dance						
		Samruddhi Wangaskar & Vashnavi Shinde 1 <sup>st</sup> – Siddhi Desai					
	Group Dance	1					
4	Rangoli						
4.	Elocution	1 <sup>st</sup> prize - Waghmode Kalpana					
	competition	2 <sup>nd</sup> prize - Darade Nikita 3 <sup>rd</sup> prize - Kadam Siddhodhan					
	Esser somestition	3 <sup>rd</sup> prize - Kadam Siddhodhan 1 <sup>st</sup> prize - Lohkare Amisha Uttam					
	Essay competition						
		rd 1					
5	Destan malrin a	st					
5.	Poster making	1 – Siddhi Desai					
	Cartooning	1 <sup>st</sup> – Siddhi Desai					
	On the spot painting	1 <sup>st</sup> – Siddhi Desai					
	Collage	st					
	Rangoli Clauma dallina	1 – Siddhi Desai					
	Clay modelling	1 <sup>st</sup> – Siddhi Desai					
		1 <sup>st</sup> – Siddhi Desai					
6.	Mehndi	Gold-Siddhi Desai					
0.	Mehndi	Bronze-Siddhi Desai					
	Poster making	Gold-Siddhi Desai					
	Ũ	Gold-Siddhi Desai					
	Cartooning	UUIU-SIUUIII DESAI					







#### **6.5.4.9** Personality Development:

The college has organized the personality development workshop as well as innovative lectures for UG & PG students and staff members in order to develop their soft skill. This will help to increase the employments of the students. The details of personality development workshop and innovative lectures organized at this college during last 5 years are as under.

#### **Placement Cell and Competitive Examination:**

College of Agriculture, Latur has well established Student Placement Cell. The placement cell plays a crucial role in helping students transition from their academic studies to their professional careers. Here are some of the key roles and responsibilities of a placement cell at this college:

- 1. **Connecting students with job opportunities**: The placement cell is responsible for connecting students with job opportunities that match their skills, interests, and career goals. This involves developing relationships with employers and keeping abreast of job openings in various industries.
- 2. **Providing career guidance and counselling**: The placement cell provides career guidance and counselling to help students make informed career decisions. This includes helping students identify their strengths and interests, exploring different career paths and developing job search skills.
- 3. **Preparing students for interviews**: The placement cell provides training and support to help students prepare for job interviews. This includes conducting mock interviews, providing feedback on resumes and cover letters, and offering advice on interview techniques and etiquette.

- 4. **Organizing job fairs and campus recruitment drives**: The placement cell is organizing job fairs and campus recruitment drives, where companies come to the college to interview and hire students. This provides students with an opportunity to interact with potential employers and explore different career options.
- 5. Facilitating internships and industrial visits: The placement cell helps students secure internships and facilitates industrial visits, which provide students with hands-on experience in their chosen field. This helps students gain practical experience and make informed career decisions.

Overall, the placement cell at a college plays a critical role in helping students transition from their academic studies to their professional careers. The goal of the placement cell is to provide students with the resources, guidance, and support they need to succeed in the job market and achieve their career goals.

Sr. No.	Year	No of UG students recruited	Average salary received (Rs. Per annum)	No of PG students recruited	Average salary received (Rs. Per annum)	Name of the recruiting agency
1.	2018-19	45	300000	92	480000	Banks, Companies, NGO's, Govt., Private Colleges, Self employed
2.	2019-20	82	325000	90	480000	Banks, Companies, NGO's, Govt., Private Colleges, Self employed
3.	2020-21	47	350000	88	480000	Banks, Companies, NGO's, Govt., Private Colleges, Self employed
4.	2021-22	73	450000	93	500000	Banks, Companies, NGO's, Govt., Private Colleges, Self employed
5.	2022-23	Perusing Education	NA	Perusing Education	NA	

The mechanism of counselling at the college level varies based on the needs of the student and the type of counselling being provided. Some common mechanisms of counselling include:

1. **Individual Counselling**: The student advisory system is adopted for individual student counselling. Every teaching faculty member act as advisor for 10-20 and 2-4 advisee

students of UG and PG, respectively. Advisor works as local parent for advisee students during their college duration. In this mode of counselling, a student meets one-on-one with an advisor/counsellor to discuss their concerns, feelings, and problems. The counsellor listens actively, provides support and helps the student develop strategies to cope with their challenges.

- 2. Group Counselling: Group counselling involves bringing together a small group of students who share common issues or concerns e.g. RAWE, ELM & NSS. The group is led by a counsellor/ programme officer who facilitates discussions and helps group members learn from each other's experiences. The guest/resource personnel lectures and interactions are organized on the eve of celebration of birth/death anniversaries of national heroes and various national and international days every month.
- 3. **Career Counselling**: This type of counselling focuses on helping students, explores their career goals and interests. Career counsellors provide guidance on academic and career planning, job search strategies and resume building. The motivational lectures, training programmes and workshops on soft skills, entrepreneurship and personality development are regularly organized.
- 4. Academic Counselling: Academic counselling is geared towards helping students improve their academic performance. Academic counsellor provides guidance on course selection, study skills, time management and academic planning. The ICAR-JRF/SRF/ MCAER/NET lectures series are also conducted in online and offline mode for guiding students.
- 5. **Crisis Counselling**: Crisis counselling is provided in response to a traumatic event or crisis. This type of counselling helps students to cope with the immediate aftermath of a crisis and provides support for ongoing recovery.

#### **Personality Development:**

The college has organized the personality development workshop as well as innovative lectures for UG & PG students and staff members in order to develop their soft skill. This will help to increase the employments of the students. The details of personality development workshop and innovative lectures organized at this college during last 5 years are as under.

Sr.	Topic	Counsellor	Duration	Beneficiary	Achievements
No.					
1.	Role of Youths	Shri. Pradeepji	12.08.2022	500 UG/PG	"International
	in India's	Nanandkar, Editor,		students	Youth Day",
	Development	Indradhanushya			"Azadi Ka
		YouTube Channel			Amrut
		and Senior Journalist,			Mahostav"
		Latur			and "Swarajya
					Mahotsav-
					2022"
2.	Soft Skills and	Dr. Sivaprasad, SS,	05.01.2023	700 UG/PG	
	Personality	Technologies,	to	students	
	Development	Hyderabad and Pune	06.01.2023		

## The details of personality development workshops are as under:

## **Personality Development:**

Sr.			No. of lectures organized				d
Sr. No.	Innovative lectures	Beneficiary	2018-	2019-	2020-	2021-	2022-
110.			19	20	21	22	23
1.	How to prepare for ICAR	300 UG/PG	1				
	JRF, SRF and NET	students					
	examinations? By Dr.						
	Sunil Swami, Scientist						
	ICAR-Indian Grassland						
	and Fodder Research						
	Institute, Jhansi						
2.	English Speaking and Soft	350 UG/PG	1				
	Sills by Mr. Robert,	students					
	Aspiring Career, Latur						
	(An Institute of Seed						
	Management Service,						
	Pune)	100 110 /00	1				
3.	Career Opportunities in	100 UG/PG	1				
	the field of Plant	students					
	Protection by Dr. Santosh						
	Kedar, Scientist, Central						
	Integrated Pest Management Centre,						
	Prosper Park Building,						
	2nd Floor, East Wing Near						
	Fire Brigade Station,						
	Singada Talav, Nashik						
4.	Career Opportunities in	350 UG/PG		1			
	the field of Agro	students					
	Industries by Dr. Arindam						
	Ghosh, Founder and						
	Director of Pune Institute						
	of Business Studies						
	(PIBS), Pune						

5.	Planning for competitive Examinations by Ad. Rahul Nawandar, Trainer and Motivational Speaker, The Unique Academy, Pune		1		
6.	Role of Women in Society by Dr Rushali Kinhalkar, Senior Socialist, Nanded	700 UG/PG students	1		
7.	Dron Technology: Application in Agriculture by Mr. Loganathan, Pilot and Mr. Raju Meer, Co- pilot, Garuda Aerospace Private Limited, Chennai	500 UG/PG students			1
8.	Secretes of Survival of Insects" and "Insect Collection and Preservation: Do and Don't by Dr. Prasad S. Burange, Assistant Professor, Department of Entomology, Punjab Agricultural University, Ludhiana	200 UG/PG students			1

## The details of personality development workshops are as under:

Sr. No.	Торіс	Counsellor	Duration	Beneficiary	Achievements
	Personality	Mr. Rajesh Chavhan,	1	200 UG and	
1.	Development	Founder of Jeevan		PG students	
		Sanjeevani Manav			
		Sanshodhan va Vikas			
		Sanstha, Sahyadrinagar,			
		Wai, Dist: Satara			
2.	Personality	Mr. Kushal Raut,	2	150 UG and	
	Development	Director,		PG students	
	training	CommuniCare			
	programme	(Training and			
	cum Workshop	Solutions) Pune and			
	for students and	Sanjeev Rane, Trainer			
	staff	and Motivational			
		Speaker, CommuniCare			
		(Training and Content			
		Solutions) Pune			
3.	Personality	Dr. Sivaprasad, SS,	3	200 UG and	
	Development	Technologies,		PG students	
	training	Hyderabad			
	programme				

	cum Workshop for students and staff				
4.	Placement Secrets Revealed: For Job Seeking Professionals & Agril. Students	Mr. Vevek Gahatraj, Founder & Creator of Kisan Business Clinic, Nashik	1	200 UG & PG students COA, Latur	
5.	Role of Youths in India's Development	Mr. Pradeepji Nanandkar, Editor, Indradhanushya YouTube Channel and Senior Journalist	1	500 UG/PG students	"International Youth Day", "Azadi Ka Amrut Mahostav" and "Swarajya Mahotsav-2022",
6.	Soft Skills and Personality Development	Dr. Sivaprasad, SS, Technologies, Hyderabad and Pune	2	700 UG/PG students	





## 6.5.5. Physical facilities:

## 6.5.5.1. Hostels:

## **Boys Hostel**

1) No. of Hostels available for Boys.

UG Hostel: One hostel comprising 86 rooms

PG Hostel: Farmers Hostel is used as hostel for P.G. Boys students comprising 22 Rooms.

- 2) Mess facility: Available on contractual basis.
- 3) Drinking water: Provided R.O. Water purifier having 250 litres capacity at UG hostel.
- 4) Indoor games: Available.
- 5) Gymnasium is available with all necessary equipments for girl's exercise.

- 6) Cleaning of hostel premises: Daily one Lady Sweeper and cleaner cleans the hostel premises.
- 7) Transport facilities: No need as hostel is in college campus.
- 8) Emergency medical facility: Yes, college vehicle is made available on demand of boys to take them to hospital.
- 9) Total number of students residing in hostel during last 5 years.

Academic year	B.Sc. (Agri.)	M.Sc. (Agri./Hort.)
2018-19	139	54
2019-20	127	54
2020-21	140	53
2021-22	133	37
2022-23	140	45

## **Girls Hostel**

1. No of Hostels available for girls:

UG Hostel: one hostel – comprising 29 rooms with facility of bunk beds.

PG Hostel: 6 residential quarters are converted into hostel for PG Girl students

- 2. Mess facility: Available on contractual basis
- 3. Drinking water: Provided R.O. Water purifier having 500 litres capacity at UG Girls hostel.
- 4. Indoor games: Available
- 5. Cleaning of hostel premises: Daily one lady sweeper and cleaner cleans the hostel
- 6. Transport facility: No need as hostel is in college campus
- Emergency medical facility: yes, college vehicle is made available on demand of girls to take them to hospital.

Academic Year	B.Sc. (Agri.)	M. Sc. (Agri./Hort.)
2018-19	131	68
2019-20	42	33
2020-21	148	60
2021-22	121	70
2022-23	149	47

8. Total number of students residing in hostel during last 5 years

#### 6.5.5.2. Examination hall:

The availability of number of examination halls and its capacity are presented in following Table

		Capacity of Examination Halls							
		Hall -1		Hall -2		Hall -3		Hall -4	
Sr. No.	No. of Desks	Space and Construction Year							
1.	60	16.36x7.57m Year-2005	60	16.64x7.49m Year-2005	110	21.21x12.12 Year-2017	24	8.20x7.35m Year-2005	

In all four examination halls, there is arrangement of dual-desks, lights, ceiling fans, curtains and having good ventilation.

## 6.5.5.3. Sports and Recreation Facilities:

- 1. Outdoor Sports: Volleyball, Handball, Kho-Kho, Kabbadi, Basketball, Cricket.
- 2. Indoor Sports: Badminton, Table Tennis, Chess
- 3. Gymnasium with multi exercise station and Free weights.
- 4. Drinking water: Available.
- 5. Cleaning of Gymnasium: Daily one Sweeper cleans the Gymnasium.

The college has Indoor Badminton Hall, Table Tennis Hall and a Gymnasium with multi exercise station and Free weights which is utilized by students in morning session from 05.30 to 08.30 am and evening from 05.00 to 08.00 pm. The college has play grounds of Volleyball, Handball, Kho-Kho, Kabbadi and Cricket. College students regularly play on the ground in morning and evening. They participate in different sports at Intercollegiate Tournaments organized by VNMKV, Parbhani. Many students have also participated at Inter-university Tournaments. This college has successfully organized Intercollegiate Tournaments. College organizes Sports week for students every year in which student participate in many sports events such as Badminton, Chess, Cricket, Volleyball, Kho-Kho, Kabbadi, Basketball.

Sr. No	Name of Events	Achievements	Students Name	Registration Number
1.	Volleyball	Represented University in MSIUT	Atlawar Shyam- sunder Shankar	2017A/26ML
2.	Volleyball	Represented University in MSIUT	Jaiswal kishor Laxman	2017A/90ML

#### Achievements of students in sports

3.	Volleyball	Winner in Inter-	Pise Anil Ganesh	2017A/69ML
		collegiate Tournaments.		2011100000
4.	Volleyball	Winner in Inter-	More Abhijeet	2018A/72ML
		collegiate Tournaments.	Shriram	2010A/72WIL
5.	Volleyball	Winner in Inter-	Vidhate	
		collegiate Tournaments.	Parmeshwar	2014AGLT090
			Prakash	
6.	Volleyball	Winner in Inter-	Pachpute Sachin	2015AGLT076
		collegiate Tournaments.	Namdeo	2013/1010/0
7.	Volleyball	Winner in Inter-	N Saikrishna N	2015AGLT085
		collegiate Tournaments.	Mallesappa	2013A0L1003
8.	Volleyball	Winner in Inter-	Shinde Akshay	2015AGLT100
		collegiate Tournaments.	Damodar	2013A0L1100
9.	Volleyball	Winner in Inter-	Chawhan Ketan	2015AGLT020
		collegiate Tournaments.	Subhashrao	2013A0L1020
10.	Volleyball	Winner in Inter-	Chandekar Vishal	2015AGLT016
		collegiate Tournaments.	Anil	2013A0L1010
11.	Volleyball	Winner in Inter-	Surewad Shrinivas	2016AGLT090
		collegiate Tournaments.	Sahebarao	2010AUL1090
12.	Volleyball	Winner in Inter-	Sonne Suhas Satish	2017AGLT097
		collegiate Tournaments.	Some Sunas Satish	2017AUL1097
13.	Volleyball	Represented University	Atlawar Shyam-	2017A/26ML
		in MSIUT	sunder Shankar	2017A/201v1L
14.	Volleyball	Represented University	Shinde Akshay	2015AGLT100
		in MSIUT	Damodar	2013AUL1100
15.	Volleyball	Represented University	Pachpute Sachin	2015AGLT076
		in MSIUT	Namdeo	2013AUL1070
16.	Volleyball	Represented University	More Abhijeet	2018A/35ML
		in MSIUT	Shriram	2010A/35IVIL
17.	Vollyball	Represented University	Valvi Shantaram	2016AGLT097
		in MSIUT	Pallavi	
18.	Vollyball	Represented University	Ashmika Khandu	2017AGLT010
		in MSIUT	Bhalerao	2017AGL1010
19.	Kabaddi	Represented University	Jyoti Bharat	2017H/89ML
		in MSIUT	Jadhavar	
20.	Kabaddi	Represented University	Anjali Talpe	2018A/33ML
		in MSIUT		
21.	Chess	Represented University	Bhairuba Mahadev	2017A/12ML
		in MSIUT	Wakchaure	





## 6.5.5.4. Auditorium:

The College has constructed one well furnished auditorium in the Year 2013. The seating Capacity of the Auditorium is 500 audiences at a time. The Auditorium of this college is being frequently used from last five years for organization of various college functions like Shiv Jayanti, Dr. Babasaheb Ambedkar Jayanti, Youth Festival, cultural events, UG & PG orientation Programme, personality development programme, World Soil Health Day, student send off programme, Appreciation of student and faculty programme, farmers rally and lectures organized by Student forum.

#### 6.5.5.5. Exhibition Hall/Museum:

#### Does the college have the Exhibition Hall/Museum? -Yes

The Exhibition Hall/Museum construction Year is in 2018. Museum shows relationships between life, community, the nation, and the world through the interpretation of objects, experience, and the environment. Science and Technology Museum favored education over preservation of their objects. They displayed objects as well as their functions. One exhibit featured. The museum at the College of Agriculture, Latur is being developed those cares for a collection of artifacts and other objects of artistic, cultural, historical, or scientific importance.

The Museum committee is constituted by Associate Dean and Principal, College of Agriculture, Latur under the chairmanship of Dr.V.B. Kamble, Professor, Department of Extension Education for the establishment of the museum, collection of materials from all departments and smooth functioning. The other members of committee are as under

Sr. No	Name of the Faculty	Position in the Committee
1.	Dr. A. M. Kamble	Member
2.	Shri S.V.Waghmare	Member
3.	Dr. V. N. Shinde	Member Secretary

## **6.5.6. Research Facilities**

# 6.5.6.1. Postgraduate Laboratories and Equipments:

# a. Information on Postgraduate laboratories for PG degree programme

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				-	Itilized for conducting		
PG practical's	17.		10.77 III A 7.72 III	55	PG practical's		
15. Remote sensing 7.92 m x 7.92 m 15 Utilized for conducting	15.	Remote sensing	7.92 m x 7.92 m	15			

	laboratory cum Library			remote sensing practical of M.Sc. students
16.	Central Instrumentation Cell (CIC)	10 m x 18 m	12	Having high-cost instrument which is used by PG students of Latur Campus

## b. Information on list of major equipments available in postgraduate laboratories for PG degree programme

Sr. No.	Name of the Equipment	Quantity
Departm	ent of Agronomy	
1.	Water analysis colorimeter kit	01
2.	Permeability test apparatus	1
3.	Rapid moisture meter	1
4.	Hot air oven	02
5.	Hi-tech sprayer	03
б.	Leaf area meter	01
7.	Lux meter	01
8.	Weighing balance	6
Departm	ent of Agricultural Botany	
1.	Trinocular Olympus microscope with Magnus MIPS CMOS Camera Model MIPS-10MP	01
2.	Double distillation unit	01
3.	Students' microscope	05
4.	BOD incubator	01
5.	Hot air oven	01
6.	Autoclave	01
7.	Horizontal laminar flow	01
8.	Deep refrigerator	01
9.	Muffle furnace	01
Departm	ent of Agricultural Economics	
1.	Computer Desktop	12
2.	Overhead projector (Sony)	01
Departm	ent of Agricultural Engineering	
1.	Surveying and Levelling Instrument	17
2.	I.C. Engine Parts and Farm Equipment's and Tools	20
3.	Instruments for Rainfall, Run Off Measurements	05
4.	Instruments and Parts of Irrigation and Drainage Methods	17
5.	Agropark Equipment's and Machinery	18
6.	Seed Processing Plant	07
Compute	er Laboratory	
1.	Thin Client Ports	30
2.	P.C.	16
3.	Laptop	01

4.	Printers	03
5.	U.P.S.	01
6.	L.C.D. Projector	01
Departr	ment of Agricultural Entomology	
1.	Students' microscope (JRMC-20)	04
2.	Dissection microscope	35
3.	Getner stereoscopic microscope	01
4.	Binocular microscope MAC	01
5.	Research Binocular microscope	02
6.	BOD incubator	03
7.	Centrifuge	01
8.	U.V. Chamber	01
9.	Digital top pan balance INOSAW	02
10.	Hot air oven MAC	01
11.	TLC plate MAC	01
12.	Autoclave MAC	01
13.	Horizontal laminar flow	01
14.	Sattorius analytic balance	01
15.	Mono Quartz Distillation Unit with DAPS	01
16.	Rotary vacuum evaporator	01
17.	Humidifier cum heater	02
18.	Weighing electronic balance	01
19.	De-flossing machine	01
20.	Aspee CDP	01
21.	Sprayer	16
Depart	ment of Animal Husbandry and Dairy Science	
1.	Digital Colony Counter	01
2.	Digital Dynamometer	01
3.	Automatic Milk Analyser	01
4.	Glass Distillation Apparatus	01
5.	Bacteriological Incubator	01
6.	Kjeldahl Digestion Apparatus	01
7.	Autoclave (Small / vertical)	01
8.	Gerber's centrifuge machine	02
9.	Laminar air flow cabinet	01
11.	Cream separator	01
12.	B.O.D. Incubator	02
13.	Hot air oven	02
14.	Deep Freezer	01
15.	Muffle Furnace	01
Departr	ment of Extension Education	
1.	Automatic slide Projector	01

2.	Over Head Projector	01
3.	Ahuja Universal Sound Unit	02
4.	Ahuja Reflex Horn	02
5.	Ahuja Sound Column	02
6.	Ahuja Micro Phone	07
7.	Ahuja Mike Stand	09
8.	Ahuja Mike PCM 100	01
9.	Amplifier (Megha) cum Tape Recorder	01
10.	Exhibition Display Stand	03
11.	Compact Over Head Projector CMP 330	01
12.	Sony Tape Recorder Micro CD Music System	01
13.	Video Camera (Handy Cam) Dit-8	01
14.	LCD Projector	01
15.	Digital Camera	01
16.	Ahuja Amplifier SSA-350	01
17.	Ahuja Dual Cordless Micro Phone AWM-490 V2	01
18.	Ahuja one Wireless Mike &) Hand Mike	01
19.	Ahuja Drive Unit AU-40 XT	02
20.	Ahuja Sound Column ASC-20T	02
21.	Ahuja Table Mike ACM -66 CH	01
22.	Ahuja Rolex Horn	02
23.	Hp Desktop Computers with printers	03
Departr	nent of Horticulture	
1.	Crown crocking machine	01
2.	Water bath rectangular	01
3.	Juice press hand refractometer	01
4.	Hand refractometer-58 to 92%	01
5.	Hot plate round single plate	01
6.	Hot plate round double plate (MAC -423)	01
7.	Single pan electrical balance	01
8.	Moisture box	25
9.	Lab willy grinder	01
Garden		
10.	Grass shape shear	06
11.	Hedge cutter	02
12.	Tractor (T.F.30 Hero tractor) with tool kit	01
13.	Tractor (Mitsubishi) MT180 D	01
14.	Rotovator (Mitsubishi) 2PR 1110	01
	nent of Plant Pathology	
1.	Autoclave (Portable)	02
2.	Autoclave (Small / vertical)	02

3.	Autoclave (Big / vertical)	02
4.	Laminar air flow cabinet	03
5.	B.O.D. Incubator	01
6.	Hot air oven	01
7.	Compound Microscope	
	a) Student's	28
8.	b) Research	06
9.	Labomed photographic trinocular	01
10.	Rotary shaker	01
11.	Refrigerator	02
12.	Electronic Monopan Balance	01
13.	Humidifier	02
Departr	nent of Soil Science and Agricultural Chemistry	
1.	Dedicator	01
2.	Hot air oven	03
3.	Infilltrometer	01
4.	Soil Aggregates separator	01
5.	Distil water plant	02
6.	Dispossession cup	01
7.	Deionize water plant,	01
8.	Water bath	01
9.	Muffle Furness	01
10.	Spectrophotometer	01
11.	Micro wave digestion	01
12.	Nitrogen analyzer (Pelican) with digestion	01
13.	Atomic absorption spectrophotometer with flow injection	01
14.	Magnetic starrer	01
15.	Centrifuge machine	01
16.	Flame photometer	01

**6.5.6.2. Research Contingency**: A note on amount of research contingency for each department shall be provided. Whether it meets the students' demand?

	Budget allocation (Figures in Rs. Lakhs)				
Sr. No.	Year	Salary	Contingency	<b>Development Grants</b>	Total
1.	2018-19	693.11	31.29	7.00	731.40
2.	2019-20	631.60	10.00	70.06	711.66
3.	2020-21	678.25	1.20	1.97	681.43
4.	2021-22	697.99	1.48	12.62	712.10
5.	2022-23	899.56	10.00		909.56

#### **Internal Resource Generation**

Year	Resources Generated (Figures in Rs. Lakh)
2018-19	17.42
2019-20	129.59
2020-21	75.32
2021-22	92.17
2022-23	114.12

# 6.5.7. Outcome/Output

## 6.5.7.1. Student Performance in National Examinations:

Sr. No.	Academic year	No. of students selected for NET
1.	2018-19	
2.	2019-20	02
3.	2020-21	46
4.	2021-22	
5.	2022-23	

## 6.5.7.2. Students Placement Profile:

# **Students Placement (UG)**

Sr. No.	Academic year	No. of students passed	No. of students placed	Percent of placement
110.		passeu	placeu	placement
1.	2018-19	74	45	60.81
2.	2019-20	111	82	73.87
3.	2020-21	68	47	69.11
4.	2021-22	113	73	64.60
5.	2022-23	137	Pursuing Education	

# **Students Placement (PG)**

Sr. No.	Academic year	No. of students passed	No. of students placed	Percent of placement
1.	2018-19	104	92	88.46
2.	2019-20	106	90	84.90
3.	2020-21	103	88	85.43
4.	2021-22	106	93	87.73
5.	2022-23	91	Pursuing	
			Education	

te Award/Organiser		
d National seminar on recent		
trends in plant sciences and		
agriculture research PSAR 2018		
organised by ZARC, Solapur		
8 Krushimanch, Nashik		
or R.K. Foundation, Sangamner		
IPSWZ, Plant Pathology		
Section, College of Agriculture,		
Nagpur		
IPSWZ, Plant Pathology		
Section, College of Agriculture,		
Nagpur		
VDGOOD Association, Chennai		
ion IPS WZ and Association of Plant		
Pathologist Akola		
ion Smt.Venutai Ulemale Best		
nal poster presentation Award, at		
ral VNMKV, Parbhani on 21-22		
December, 2019		
December, 2013		
Agrocare, Krushi Manch, Nashik		
II 7 <sup>th</sup> International conference of		
Indian Phytopathology		
organized by Division of Plant		
Pathology, IARI, New Delhi		
d Global Economic Progress and		
Research Association,		
Tiruvannamalai. Tamil Nadu.		
1 Agricultural & Environmental		
Technology Development		
Society (AETDS) U.S. Nagar,		
Uttarakhand, India		
ter Hon. Vice Chancellor VNMKV,		
Parbhani for excellent work in		
Seed Production Programme		
Genesis Urban & Rural develop.		
Society, Hyderabad, Telangana		
National Symposium IPS-WZ,		
New Delhi, 17-18 <sup>th</sup> Nov.2021		
d- Agricultural & Environmental		
u- Agricultural & Elivironnientai		
Technology Development		

# 6.5.7.3. Awards / Recognitions / Certificates:

			Uttarakhand, India
4.	Dr.S. P.Pole	Best Oral Presentation Award in National Conference on "India's Challenge –Contemporary Farming to Smart Farming" organized by University Institute of Agricultural Sciences	University Institute of Agricultural Sciences, Chandigarh University, Gharuan, Mohali, Punjab.
5.	Dr.S.J.Magar	Best Poster Presentation	National Conference and IPS (WZ)2021, College of Agriculture, Latur
6.	Dr. D.D. Suradkar	Best Oral presentation award	National Symposium IPS-WZ, New Delhi, 17-18 <sup>th</sup> Nov. 2021
	1	2022-23	1
1.	M.J. Patange	Best Teacher Award-2022	Agricultural & Environmental Technology Development Society (AETDS) U.S. Nagar, Uttarakhand,
2.	Dr. J.M,.Deshmukh	Best Oral Presentation	International Conference at BHU, Varanasi
3.	Dr.A.P.Suryawanshi	IPS Recognition Award for Outstanding contribution/work in Indian Phytopathology Society, New Delhi.	In IPS Platinum Jubilee Conference on Plant and Soil Health Management: Issues and Challenges, organized during 02nd - 4th February, 2023 at the University of Mysore (Karnataka)
4.	Dr.B.M.Thombre	Lifetime Achievement Award	ISAHRD, Chandigarh in International Conference (IAAHAS-2023) held on 29-31 March, 2023 at SGT University, Gurugram, Haryana.
5.	Dr.P.N.Karanjikar	Best Academician Award	ISAHRD, Chandigarh in International Conference (IAAHAS-2023) held on 29-31 March, 2023 at SGT University, Gurugram, Haryana.
6.	Ku.Sidhi Desai	Gold medal	Won Certificate of Merit in Poster making and Cartooning in All India Inter Agricultural University Youth Festival 'Agriunifest 2023 held at UAS, Bangalore
7.	Ku.Sidhi Desai	Gold medal	Won Certificate of Merit in 36 <sup>th</sup> Inter university West Zone Youth Festival held at Ganpat University, Gujarat
8.	Dr.D.S. Chauhan	Second prize	Oral and Poster presentation in National Symposium on Animal Genetic resources management

			for rural livelihood enhancement.
9.	Dr.D.S.Chauhan	Breed Conservation Award-2022	NDRI, Karnal.
10.	Dr.P.B.Wadikar	Best Academician Award	ISAHRD, Chandigarh in International Conference (IAAHAS-2023) held on 29-31 March, 2023 at SGT University, Gurugram, Haryana.

## 6.5.7.4. Employability:

The placement cell was formulated at this college for guiding students for Junior Research Fellow, Senior Research Fellow, ARS, NET exams and for preparation of various competitive examinations. This cell was working under the guidance of Chairman of placement cell, VNMKV, Parbhani and Associate Dean and Principal of this college. Now this cell is functioning under the chairmanship of Dr.V.K. Bhamare, Associate Professor of Entomology, College of Agriculture, Latur. Various activities were undertaken at this college in order to improve the skills, understanding and personal attributes of students of this college. This includes conducting guest lectures for preparation of various competitive examinations like banking recruitment, MPSC, UPSC, Junior Research Fellow, Senior Research Fellow, ARS, NET, CET etc. The placement cell also conducted campus interviews of various banking sectors, private seed companies, private chemical and fertilizer companies and other allied agriculture sectors for the recruitment of students in these organizations. There is one whatsapp group of this college. This facility is also used by this college to communicate the vacancies displayed in the news papers to these students. Most of these students are employed in the various governments, private sectors at higher as well as village level positions. Their knowledge is definitely helpful to the community, societies including farmers.

Sr. No.	Year	No of UG students recruited	Average salary received (Rs. Per annum)	No of PG students recruited	Average salary received (Rs. Per annum)	Name of the recruiting agency
1.	2018-19	45	300000	92	480000	Banks, Companies,
						NGO's, Govt., Private
						Colleges, Self employed
2.	2019-20	82	325000	90	480000	Banks, Companies,
						NGO's, Govt., Private
						Colleges, Self employed
3.	2020-21	47	350000	88	480000	Banks, Companies,

						NGO's, Govt., Private
						Colleges, Self employed
4.	2021-22	73	450000	93	500000	Banks, Companies,
						NGO's, Govt., Private
						Colleges, Self employed
5.	2022-23	Pursuing	NA	Pursuing	NA	
		Education		Education		

## 6.5.9. Certificate

I, the **Dean**, **Dr.B.M. Thombre**, **College of Agriculture**, **Latur** hereby certify that the information contained in Sections 6.4 and Section 6.5.1 to 6.5.7.4 are furnished as per the records available in the college and degree awarding university.

Signature of the Dean of the college with Date & Seal

# **ANNEXURE**





कृषि चित्तार देवात काम करणा-या ग्राम विस्तारफोताठी संधिप कृषि गडा<sup>मदा</sup>री अभ्यासक्रम आतूर येथे तुरु,करण्याचा शासनाने निर्णय देशनेना अप्टे. था अभ्यासक्रम तूर्त लातूर देशील कुंचि आजा व गठीत संगोधन केंद्रावर उपलब्ध अलेल्या δ, तौथीचा उपयोग करन सुरु करावा.

याः'भदवी अभ्यास्त्रमासाठीः २ वर्षांवा ङ्रांधं शाळेवा अभ्यास्त्रम पुरा झालेल्याः 2. यः ७ वर्षे किमान अनुमद्द-असलेल्या ज्ञाभ विक्तारकाना प्रशिमियुक्तोवह पांठविण्यांत यावे. दरवर्षी रहेक २५ ग्राम विस्तारकोची निवड सर्व राज्यातून हाथ तंवालकांनी कटाती. या व्यगध्यांच्या वाबतील ज्ञामीण कार्याच्या अनुमवाताही जतलेला ्रम्गोरियी आरवन्यक गोली. गत्नुम शिष्णक्रम २ वर्षति पुरा देहा/इट्या ग्राम-विस्तारवर्तना

IST-

पदधी प्रदान करावी.

51 या मताविदालमाताठी विवरणपत्र "अ" मध्ये दर्शविल्याभ्रमाणे पदे भिर्माण à. करण्यास मान्यका देण्याते येव जाते. या पराणिकी तीन सहाय्यक जाध्यापक, के जूचि पर्यवेक्तर अगणि हेतु परियारणं यांच्या वागंग समाधीवन करून मराष्ट्रपात. ्भैवन-यांचे समायोजन झाल्यावर भूळ जागा रद्द करण्यांत याध्यात. झार सर्व जाभावर नवानियुक्ती करण्याते यादी. सात्र नवानियुक्ती देताना आध्ययक प्रकेत तेवनाच ही नवनिधुक्ती देल्याची देखार मराठवाडा क्रुकि विवायीकाच्या कुस्तुरूंती व्यानी. len तन १९८७-८८ भधील पदे दिनाँक १५ सप्टेंबर, १९८७ वातून जिमणि करायीत व १९८८-८९ व १९८९-९० या वर्षातील पदे दिनोक १ स्रोग्ने, १९८८ व दिनाक १ स्रोज़.  $b_F$ 

**২**৩८৬ গামুন নির্নাগ কর্মধান ব্যধীন-

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या महार्गियात्व्याताठी तन १९८७-८८ ते १९८९-९० या वर्षाच्या वाताण्यीत रफूण रूपचे १००-५८ भाज (रूपचे औगर लाज अठ्ठावन क्ष्वार भवत) [विवरणगत्र "व" गटये दर्शाधान्याप्राणी] को करण्यास गालन माल्पता देत जाते. त्यापजी गन १९८७-८८ allout. part for The

भाषे रूपये १५.०७ लाख (रूपये पंपरा लाख तात हजार जफ्त) रज्मेची तरतूद मंदूर जरण्यांत येत आहे. दि.१५ सप्टेंबर,१९८७ ते ३० नोट्टेंनर,१९८७ या जानावधीताठी रुपये ७.६६ (रूपये तात लाख तहाराइठ हजार फक्त) इतर्ज रचडम खर्च कराची आणि दि.१ डितेंबर,१९८७ ते ३१ मार्च,१९८८ पर्यंत रूपये ७.४१ लाख (रूपये तात लाख रकेवाळीत हजार फक्त) रच्छन खर्च कराची. खबचित्र तपत्रिल विवरणयत्र "क" मध्ये दिना आहे.

4. कृषि विभागातील ग्राम विस्तारकांना गिझ्णासाठी भाठवितांना टोणारा पाठ्ययेतन, प्रचात वर्य, इतर व्यं व रिक्त जागी टोणा--या नयांनयुक्तीसाठी वेतन इत्यादि बाबीवर अतिरिक्त रूपये ८. ४९ लाख (रुपये आठ लाख डेकोणपन्नात हजार फक्त] तन १९८७--८८ मध्ये मंजूर करण्धास शासन मान्यता देत आहे. यांपैकी दिनांक १५ तप्टेंबर ते ३० नोव्हेंबर, १९८७ या डालायपीताठी रुपये १. ५२. (रुपये एक लाख बेवाजील तजार फला] वर्ध करावेत आणि दिनांक १ डिसेंबर, १९८७ ते ३१ मार्च, १९८८ था कालावधीमध्ये रुपये २. ०७ लाख (रुपये दीन लाख सात धन्यर फक्त] रचकम क्षे करायी. ख्यांचा तपश्चित विवरणपत्र "ड" मध्ये दिला आह. शिक्ष्णासाठी भारतविण्यांत येणा-या ग्राम विस्तारकांच्या जागी नयनियुक्ती देण्यांत यावी.

६. परिच्छेद-यार मध्ये दाखधिलेल्या स्पप्ते १५.०७ लाख स्पयाचा ढर्य "भागणी ज़मांक ६६-२४१५, ढुचि विषयक संगोधन व पिक्षम- ०१ पीक संवर्धन-१२०, इतर तंस्थांना सहाच्य-१२० (दोन) पंयवार्षिक योजनांतर्गत यो जना-राज्य योजनांतर्गत योजना-१२० (दोन)(यार) भराठवाडा कृषि वियापीठाला तटाच्यक अनुदान-अवराद्ध्यक ४अन्नुवस्त (२४१५ ०१ ०५)" या वियापीठाला तटाच्यक अनुदान-अवराद्ध्यक ४अन्नुवस्त (२४१५ ०१ ०५)" या वियापीठाला तटाच्यक अनुदान-अवराद्ध्यक ४अन्नुवस्त (२४१५ ०१ ०५)" या वियापीठाला तटाच्यक अनुदान-अवराद्ध्यक ४७न्द्रवस्त (२४१५ ०१ ०५)" या वियापीठाला तटाच्यक अनुदान-अवराद्ध्यक ४७न्द्रवस्त (२४१५ ०१ ०५)" या वियापीठाला तटाच्यक अनुदान-अवराद्ध्यक ४७न्द्रवस्त वियापीठाला तटाच्यक अनुदान-अवराद्ध्यक १७२४ त्वर ०१ व्या वियापीठाला तटाच्यक अनुदान-अवराद्ध्यक १९२४ त्वर ०१ वर्ग वियापीठाला तटाच्यक अनुदान-अवराद्ध्यक १९४२ त्वर वर्ग तटाक्ट टवार पत्त) खर्य तेवटयाय रक्ष्मेच्या आफस्मिकता निधीमधून वाटान्या अनुम धनामधून भागधावा. हे अन्निम धन विरत विमागाच्या १-अन्वीन ११८७४७७/अर्थसंकल्प-१२, दिनांक १० सप्टेंघर, १९८७ च्या टायनान्वये मंदूर करण्यांत आलेने आहे. दिनांक १ डितेंघर, १९८७ च्या ३१ नार्थ, १९८८ या बानावर्धातील कर्थ पुरवणी भागणीतारे गंजर करण्यांत

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परिच्छेद ५ अध्ये मंजूर केलेल्या रूपये ८. ५९ लाख रज्मेया र्छा "मामणी ज़्याक -२७०१ पीक तंबर्यम १०९ फिल्तार व प्रक्रिज-१०९(७४)[बी] पंतवार्क्षि योजनातर्गत जना-राज्य योजनांतर्गत योजना १०९ (२.३)[वी](वर्गा] महाराष्ट्र राज्यातीन वि विस्तार विद्यायक प्रक्रिण व प्रच्छ गहाणी योजना सुरु करण्याताठी पितार वि विस्तार विद्यायक प्रक्रिण व प्रच्छ गहाणी योजना सुरु करण्याताठी पितार विषयक बहुविय प्रकल्प (२६०१०२८९)" या नेक्षाक्रिर्वजानी टाकावा. दि. १५ तच्देंबर, १८० ते ३० नोच्हेंबर, १९८० या डानावयीताठी लागणारा रूपये १. ४२ लाव कर्म विदयाय रकमेट्या आजन्तिभठता नियीम्ब्रेन काढनेल्या अनीम पनाम्बन आगवाता. अप्रीम धन विस्त विभागाच्या इ. जाकनि ११८७/४६/अर्थतंकल्य-१२, दिलॉक १० सच्टेंबर, १९८० च्या बापनान्थ्ये मंजूर करण्यांत जामेने आहे. दि. १ डिवेंबर, १९८७ ते ३२ मार्च, १९८८ या कालाक्षतीतील वर्ज पुरवणी मामणीदारे मंतूर करण्यांत वेणा-या तरतूर्वातून, पियानसमेट्या मान्थतेच्या अयीन राहून, भागवाया. तन १९८७-८८ च्या ख्वतिाठी संपूर्ण रक्षेयी पुरक मामणी विधानसमेच्या देल्या इधियेशनात टाकाची.

८. परिच्छेद ४ भध्ये भेजूर फेलेली रक्षम गराठ्याडा ज्यि विधाणी ठाला विदित गण्दतीने विभागीय मुदर्सधारण अधिकारी, परभणी यांनी अदा करावी. परिच्छेद ५ भध्ये भेजूर केलेली ८.४९ लाख रूपयाची रक्षम काढण्यासाठी लेखा अधिकारी (१). कृषि संवालनालय, मडाराष्ट्र राज्य, पूणे यांना आखरण व संवितरण अधिकारी म्हणून वोषित करण्यांत येत आहे.

९. नियंत्रक, मराठवाडा कृथि विवायीठ, परभगी/लेखा अधिजारी [१], कृथि संवातनालय, महाराष्ट्र राज्य पुणे यांनी आकत्मिकता निधीभयून खर्च करण्यासाठी जावरण व सोखतरण अध्यत्त- जॉव्हे रक्का सुबूर्ध करण्यासंबंधीच्या आदेशात/प्रयत्नात आगाऊ रकमेतून वर्च करतांना सादर करण्यांत वेणा-या देयकावर"आकत्मिकता श्ववी अग्रीम अनुबंधे शासन व्ययन, यित्ता विभाग ७. आकाने ११८७/७७/अर्थतेवल्य-१२. दिनांच १० सप्टेंबर, १९८७,/ जाकनि-११९७/४६/अर्थतेवल्प-१२. दिनांक १० तप्टेंबर, दिनांच १० सप्टेंबर, १९८७,/ जाकनि-११९७/४६/अर्थतेवल्प-१२. दिनांक १० तप्टेंबर, १९८७ अन्वये मंजूर, असे लाल शार्डने लिहावे"आजी त्यघट सुवना तथा आदेशात/ पत्रात अंतर्ड्स करायी व ही तूवना लाल भार्डने अयोरेखित करायी.

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१०. ं हा निर्णय चिल्ल विभागाच्या सहमतीने निर्गमित होत असून त्या विभागाचा अनीपचारिक संदर्भ कृ. सीआर ९६२/७यय-१ आतून दिनांड ५०-९ -०. असा आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुकार व नार्यने,

्रिम् आग् मोरे ] [ मू आग् मोरे ] कक्ष अधिकारी, महाराष्ट्र शासन कृषि व सहकार विमाग.

gffit,

धिभागीय आयुक्त, औरंगाबाद. कृषि संचालक, पुणे. 3 404 Ave. अपर कृषि संपालक ('विस्तार), कृषि संपालनालय, पुणे-सर्व धिमाणीच कृषि सहसंवालक **(विस्तार)** कुनगुरु, मराठवाडा कृषि विवापीठ, परभणी. कुलसाधिव, मराठवाडा कृषि विवापीठ, परभणी. नियंत्रक, भराठ्याडा कृषि विद्यापीठ, परश्ली. सदस्य सचिव, महाराष्ट्र जूषि शिक्षण व संग्रोधन परिषद,पुणे. जिल्हाधिकारी, लातूर. अठालेखापाल (लेखा परिका) महाराष्ट्र—१∕गुंबई,महाराष्ट्र—२∕नागपूर. महालेखापाल (लेखा व अनुझेयता),महाराष्ट्र−१,भुंबई∕महाराष्ट्र−२,∕नाः जिल्हा जोघाधिकारी, परभणी,ठाणे, कोल्हापूर,पुणे,नारीक,आरेरंगाव<sup>.</sup> अभरावती, नागपूर. निधोजन विभाग. ित्ति विभाग (ठ्याय-१/अर्थश्वेतल्प-३/अर्थलेकल्प -१२) कः। अधिकारी, २५-जे, कृषि त तहकार विभाग (रूपये १५.०७ लाख र्ज्येवा खर्व अर्थलंबल्पात सभा विष्ट न बेलेल्या योजनातर्गत नियतनात बतनावयाचा आहे. ] तहत्वातः, लेखा व कोवागारे संगणक कक्ष, ५ ४४ मजला, नवीच प्रधातन्तीय भल, गुंबई (दोन प्रती) अधिदान व नेबा आधिशाती, गुंबई, विवासी देशा प्रतिम भगि

#### Annexure-II

मराठ्याडा कृषि विदयापीठ अंतर्गत कृषि मडाविद्यालय लातूर येथील प्रवेश क्षमता वाढविणोवाजल.

महाराष्ट्र शासन साथ विकार क कृषि, पशुसंबर्धन, दुग्धव्यवसाय विकास व मत्स्यव्यवसाय विभाग, शासन निर्णय क्रमांक-मकृषि- २०००/प्र.क्व.३१६/२०-जे मंत्रालय बिस्तार, मुंबई-४०० ०३२ हिनांक - १६ जोक्योबर २००१ दिनांक :- १६ ऑक्टोबर २००१.

वाचा :- १) शासन निर्णय क्रमांक प्रमेष १२८७/सीआर ७६/१७ अ, दिनांक ११/९/८७. २)शासन निर्णय क्रमांक एमकेव्ही १८८९/सोआर ११७/२०अे, दिनांक ८/११/८९

प्रास्ताविक

क उपरोक्त दिनांक ११ सप्टेंबर,१९८७ च्या शासन निर्णयान्वये कृषि विस्तार होत्रात काम करणा-या ग्रामविस्तारकांसाठी संविप्त कृषि पदवी अभ्यासक्रम मराठवाडा कृषि विद्यापीठ,परमणी अंतर्गत लातूर येथे सुरु करण्यास आणि याकरिता दरवर्षी एकूण.३५ ग्राम विस्तारकांची निवड करण्यास शासनाची मन्यिता देण्यात आली आहे. त्यानुसार उपरोक्त अभ्यासक्रमांसाठी आयुक्त (कृषि) यांचे मार्फत ग्राम विस्तारकांना प्रतिनियुक्तींवर पाठविण्यात येत होते. तथापि अलीकडच्या ४-५ वर्षांमध्ये या अभ्यासक्रमासाठी संबंधित कृषि पर्ववेक्षक'कृषि सहायक'या संबर्गातील कर्मचारी उत्सुक नसल्यामुळे सदर जागा रिक्त रहात आहेत. या परिस्थितीत मराठवाडा कृषि विद्यापीठाने उपरोक्त अभ्यासक्रम पुरेशा प्रबेश समतेअभाषी बंद करण्याबाबत निर्णय चंतला आहे. संदर ३५ जागा मराठवाडा कृषि विद्यापीठांतर्गत कृत्वि महाविद्यालय,लातूर येयाल नियमित बी.एस.सी.(कृत्रि) या अभ्यासक्रमासीठी वाढवून देव्याचे संदर्भात आयुक्त (कृषि) यांनी असे प्रस्तावित केले आहे की, कृषि विभागांतगंत कर्मया-परिराठी चरील अभ्यासक्रमांसाठी ठेवण्यात आलेल्या ३५ जागाएँवजी कृषि महाविद्यालय.लातूर येथे शिकविण्यात येणा-या निर्यामत स्वरुपाच्या चार वर्षांच्या अभ्यासक्रमामध्ये सध्याच्या निकषांप्रमाणे कृषि विभागातील पात्र कर्मचा-यांकरिता विक्रान पाच जागा राखीब ठेवण्यात याव्यात. यासंदर्भात मराठवाडा कृषि विद्यापीठांतर्गत कृषि महाविद्यालय, लातूर येथील प्रवेश क्षमता यावविणेवावतचा प्रस्ताव शासनाच्या विचाराधीन होता. २.शासन निर्णय :-

मराठवाडा कृषि विद्यापीठ,परभणी अंतर्गत कृषि महाविद्यालय, लातूर येथे कृषि विभागांतर्गत प्राम बिस्तरकांसाठी सुरु करण्यात आलेली संक्षिप्त पदवी अभ्यासक्रमासंबंधीची योजना वंद करण्यात येत आहे. तसेच कृषि महाबिद्यालय,लातूर येथील बी.एस.सी (कृषि) या नियमीत पदवी अभ्यासक्रमाची विद्यार्थी प्रवेश-क्षमता चालू शैक्षणिक बर्षापासून प्रतो वर्षी सध्याच्या ६४ विद्यार्थी एंवजी प्रतीवर्षी ९९ विद्यार्थी करण्यास आणि सदर ९९ विद्यार्थी प्रवेरत्वामतेपैकी कृषि विभागातील १२ वी(विज्ञान) उत्तीर्ण पांत्र कर्मचा-यांकरिता ५ जागा प्रचलित निकषानुसार राखीव ठेवण्यास शासन मान्यता देत आहे.

याप्रकरणी थिद्यापीठाला कोणतीही वाढीव परे/ मनुष्यवळ आणि वाढीव अनुदान/अर्थसहाय्य मंजूर करण्यात येणार नाही. त्यामुळे याबाबत शासनावर कोणताही वाढीव आर्थीक भार येणार नाही याची विद्यापीळने काळजी घ्यायी.

याप्रकरणी महाराष्ट्र कृषि विद्यापीठ अधिनियम १९८३, परिनियम १९९० आणि लेखा संहिता १९९१ मधील तरत्दीनुसार तसेच शासन/महाराष्ट्र कृषि शिक्षण व संशोधन परिषद आणि विद्यापीलने वळोबेळो निर्गमित केलेल्या मापेश/कार्यपथ्यतीचा अवलंब करण्यात यावा.

हा शासन निर्णय बित्त विभागाच्या सहमतीने त्यांच्या अनौपचारिक संदर्भ क्रमांक ४५०/व्यय-२,दिनांक 4. ६/१०/२००१ अन्वये निर्गमित करण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नांवाने.

(रा. त. जाधव) अवर सचिव, महाराष्ट्र शासन कृषि,पशुसंवर्धन,दुन्धव्यवसाय विकास व मत्स्यव्यवसाय विभाग.

प्रति,

मा.कुलपती (कृषि विद्यापीठे) यांचे सचिव, राजभयन, मलबार हिल, मुंबई ३५ मा.कृषि मंत्री यांचे खाजगी सचिष,मंत्रालय,मुंबई

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मा राज्यमंत्री (कृषि) याचे खालगी सचिव,मंत्रालय,मुंबई
 उपस्य सचिव, महाराष्ट्र कृषि शिक्षण व संशोधन परिषद, भोसलनगर, भांबुर्डा , पृणे. ४११ ००७
 कुलगरु, मराठवाडा कृषि विदयापीठ, परमणी
 कुलगुरु महात्मा फुले कृषि विद्यापीठ,राहुरी, जि. अहमदनगर
 कुलपुरु डॉ.पंजाबराव देशमुख कॉब विद्यापीठ,अकोला
 कुलगुरु, डाॅ.बाळासाहेब सावंत कोकण कृषि विद्यापीठ,दापोली जि. रत्नागिरी
 कुलसचिन ,मराठनाडा कृषि विदयापीठ,परभणी ( ५ प्रती)
नियांप्रक.मराजवादा कृषि विदयापीठ,परमाणी ( ५ पती)
कृषि आयलत,(अंजी १०/सेल) महाराष्ट्र राज्य, पुणे
भरासमधन आयुक्त, महाराष्ट्र राज्य , युणे
उपविभागीय कृषि अधिकारी, परभणी ( ३ प्रती)'
मत्स्यव्यवसाय आयुक्त,मुंबई (३ प्रती
                                                                  ÷
महालेखापाल, महाराष्ट्र -१ /२( लेखा व अनुजेवता / लेखा परीक्षा ), मुंबई/नागपूर ( ३ प्रती )
जिल्हा कोयांगार अधिकारी, परभाणी ( ३ प्रती )
उप मुख्य लेखा परीक्षक, ( चरिष्ठ) स्थानिक निधी लेखा, औरंगाबाथ (३ प्रती)
णिल्य लेखा परीसक, स्यानिक निधी लेखा, मराठ्याडा कृषि विदेवापीठ, परभणी.(३ प्रती)
नियोजन विभाग
                                                                                        34
अधिदान च लेखा अधिकारी, मुंबई
वित्त थिमाग (व्यय-१) ( बीयुडी-१२)
कल अधिकारी, कार्यासन २५-ओ.१८ ओ १९-ओ, कृषि व पदुंभ विभाग,
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नियंड नस्ती.

#### Annexure-III

मराठवाडा विकास सुधारित कार्यक्रमान्तर्गत मराठवाडा कृषि विद्यापीठ, परभणी अंतर्गत कृषि महाविद्यालय लातूर येथे एम.एस.सी(कृषि) पदव्यत्तर अभ्यासक्रम सुरु करण्याबाबत----

#### महाराष्ट्र शासन

कृषि, पशुसंवर्धन, दुग्धव्यवसाय विकास व मत्स्यव्यवसाय विभाग शासन निर्णय क्रमांक मकृवि २०००/प्रक्र २२०/२०-अे मंत्रालय विस्तार, मुंबई ४०० ०३२ दिनांक ३० जानेवारी , २००३

#### वाचा-

1:5

शासन निर्णय नियोजन विभाग क्रमांक मविका १००२/प्रक्र ४४/का.१४५६ , दि.२०जुलै२००२

#### प्रास्ताविक

नियोजन विभागाच्या उपरोक्त दिनांक २० जुलै २००२ च्या शासन निर्णयानुसार मराठवाडा विकासाच्या सुधारित कार्यक्रमान्तर्गत " लातूर कृषि महाविद्यालयात पदव्युत्तर अभ्यासक्रम केंद्र " सुरु करण्याबाबतची बाब अंतर्भूत करण्यांत आली आहे. त्यानुसार कृषि महाविद्यालय लातूर येथे एम.एस.सी.(कृषि) पदव्युत्तर अभ्यासक्रम सुरु करण्याबाबतचा प्रस्ताव शासनाच्या विचाराधीन होता.

२. <u>शासन निर्णय</u> मराठवाडा विकास सुधारित कार्यक्रमान्तर्गत मराठवाडा कृषि विद्यापीड, परमणी अंतर्गत कृषि महाविद्यालय लातूर येथे सन २००२-०३ च्या शैक्षणिक वर्षापासून कृषे विद्या, किटकशात्र, वनस्पती विकृती शास्त्र , कृषि अर्थशास्त्र आणि वनस्पती शास्त्र य विषयांमध्ये प्रतिवर्षी प्रतिविषय ६ विद्यार्थी प्रवेश क्षमतेसह एम.एस.सी(कृषि)पदञ्जत अभ्यासक्रम सुरु करण्यास, तसेच या अभ्यासक्रमासाठी चालू आर्थिक वर्षी प्राध्यापकाची <u>रेपरे</u> १६४००-२२४०० या वेतनश्रेणीतील एकूण ६ नवीन पदे निर्माण करण्यास शासन मान्यत त आहे. सदर ६ पदांच्या वेतन व भत्या निर्मित्त चालू आर्थिक वर्षी एकूण रुपये ३.४८ लाख खर्चासाठी शासन मराठवाडा कृषि विद्यापीठाला एकूण रुपये ३.४८ लाख सहाय्यक अनुएम मंजूर करित आहे.

३. या प्रित्यर्थचा खर्च वित्त विभाग शासन ज्ञापन क्रमांक आकनि - ११.०२ /अर्थसंकल्प १२, दिनांक ४/१२/२००२ व दिनांक २७/१/२००३ अन्वये आकस्मिकता निर्धाक् मंजूर केलेल्या एकूण रुपये ३.४८ लाख अग्रिम धनातून भागविण्यांस शासन मंजूरी देत अ आकस्मिकता निधीतून मंजूर केलेल्या अग्रिम धनाची प्रतीपूर्ती करण्यांसाठी विधी मंडळाज्ञ आकस्मिकता निधीतून मंजूर केलेल्या अग्रिम धनाची प्रतीपूर्ती करण्यांसाठी विधी मंडळाज्ञ आगामी अधिवेशनात (मार्च २००३) पूरक मागणी सादर करण्यांत यावी. ४. रेज विभागीय कृषि अधिकारी परभणी यांनी उपरोक्त रुपये ३.४८ लाख अनुदानाज

रक्कम नियंत्रक मराठवाडा कृषि विद्यापीठ, परभुणी यांना अदा करण्याबाबत आवश्यक कर्यवाते करावी. तसेच 'जाकस्मिक निधीतून खर्च करण्यासाठी उप विभागीय कृषि अधिकारी, परभणे यांनी संबंधित आदेशात/ प्रपत्रात स्वागावू रक्कमेतून खर्च करतांना सादर करण्यांत येणाऱ्या

220-2000/19

देयक आकस्मिकता निधी अग्रीम शासन ज्ञापन वित्त विभाग क्रमांक आकृति - १९.०२ / ०७७/ संकल्प १२ , दिनांक ४/१२/२००२ व दिनांक २७/१/२००३ अन्वये मंजूर असे लाल शाहीन आवे." अशी स्पष्ट सूचना त्या आदेशात / देयकांत अंतर्भूत करावी.

५. सन परिपन्नक वित्त विभाग क्रमांक सीएनएफ १०८६/१५३/अर्थ संकल्प ३, दि २८ ९८६ अन्वये दिलेल्या सूचनांची व त्यामधील परिच्छेद २(१) अन्वये दिलेल्या सूचन सेच शासन परिपत्रक वित्त विभाग क्रमांक सीएनएफ १०८३/१४०/अर्थसंकल्व ३, दिनांक ४/१९९८३ मधील सूचनांची काटेकोरपणे अमलबजावणी करावी.

६. प्रेत्यर्थचा चालू आर्थिक वर्षातील खर्च खालील लेखाशिर्षाखाली दर्शविण्यांत यावा.

्रणी **क. डी-२** 

ु५-कृषि विषयक संशोधन व शिक्षण

ीक संवर्धन

-इतर संस्थांना सहाय्य

(दोन) पंचवार्षिक योजनांतर्गत योजना- राज्य योजनांतर्गत योजना

(००)(०९) मराठयाडा कृषि विद्यापीठाला सहायक अनुदान (योजनांतर्गत)

सहायक अनुदाने (२४१५०१०५)

७. १९७४ - १९४२ - १९४२ वित्त विभागाच्या सहमतीने त्या विभागाचा अनौ. संदर्भ क्रमांक ६०७/२ - १ व्यय १ दिनांक २७/१/२००३ अन्वये निर्गमित करण्यांत येत आहे.

महासष्ट्राचे राज्यपाल याच्या आदेशानुस्राम् व नावाने

(2) (रा.त्.जार्धव)

अवर सचिव, महाराष्ट्र शासन

कृषि,पशुसंवर्धन,दुग्धव्यवसाय विकास व मत्स्यव्यवसाय विभाग.

ति,

् सचिव, महाराष्ट्र कृषि शिक्षण व संशोधन परिषद, पुणे

्र /कुलसचिव/नियंत्रक मराठवाडा कृषि विद्यापीठ, परभणी

मल, महात्मा फुले कृषि विद्यापीठ, राहूरी , जि.अहमदनगर/ डॉ.बाळासाहेब सावत कोकण

विद्यापीठ, दापोली, जि. रत्नागिरी/ डॉ.पंजाबराव देशमुख,कृषि विद्यापीठ, अकोला

ा कृषि, महाराष्ट्र राज्य,पुणे

टकी जामीय कृषि अधिकारी, परभणी (तीन प्रती) 👘 💈 👘 👘 👘 👘

म् ापाल १/२ (लेखा परिक्षा / लेखा व अनुज्ञेयता)महाराष्ट्र राज्य, मुंबई / नागपूर (तीन प्रती)

3 न लेखा परिक्षक (वरिष्ठ) स्थानिक निधी लेखा, औरंगाबाद (तीन प्रती)

होषागार अधिकारी, परभणी, (तीन प्रती)

ि तेखा परिक्षक,स्थानिक निधी लेखा, मराठवाडा कृषि विद्यापीठ, परभणी (तीन प्रती) अ व लेखा अधिकारी, मुंबई

नि विभाग,

वि भाग (व्यय १) (अर्थ १२) मंत्रालय, मुंबई-३२

कर ीपकारी, कार्यासन १९-अ /२५-ओ कृषि व पदुम् विभाग, मंत्रालय, मुंबई

सः तक, लेखा व कोषागारे (संगणक कक्ष) नवीने प्रशासकीय भवन, मंत्रालय, मुंबई -३२/ निद्धाः स्ती

## **Annexure-IV**

मराठवाडा विकासाच्या सुधारित कार्यक्रमांतर्गत मराठवाडा कृषी विद्यापीठ, परभणी अंतर्गत कृषी महाविद्यालय, लातूर अंतर्गत पदव्युत्तर अभ्यासक्रमासाठी प्राध्यापकाची ४ बाढीव पदे मंजुर करण्याक्षात...

## महाराष्ट्र शासन कृषी,पशुसंवर्धन,दुग्धव्यवसाय विकास व मत्स्यव्यसाय विभाग शासन निर्णय क्र. मकृवि-१००४/प्र.क्र.८२/७-अं मंत्रालय विस्तार, मुंबई- ४०० ०३२ दिनांक :- १७ ऑक्टोबर, २००५

वाचा :- १) शासन निर्णय, कृषी व पदुम विभाग, क्र. मकृवि-२०००/प्र.क्र.२२०/२०-अ, दि.३० जानेवारी, २००३

#### प्रास्ताविक :--

उपरोक्त दि.३० जानेवारी, २००३ च्या शासन निर्णयान्वये सन २००२-०३ च्या शैक्षणिक वर्षापासून मराठवाडा कृषी विद्यापीठांतर्गत कृषी महाविद्यालय, लातूर येथे एम.एस.सी. (कृषी) पदव्युत्तर अभ्यासक्रम सुरू करण्यास व त्याकरिता प्राध्यापकाची रू.१६४००-२२४०० या वेतनश्रेणीतील ६ पदे निर्माण करण्यास मान्यता देण्यात आली आहे. कृषी महाविद्यालय,लातूर येथे एम.एस.सी. (कृषी) पदव्युत्तर अभ्यासक्रमासाठी प्राध्यापकाची उर्वरित ४ पदे मंजूर करण्याबाबत विद्यापीठाने सादर केलेला प्रस्ताव शासनाच्या विचाराधीन होता.

#### २. शासन निर्णय :-

मराठवाडा विकास सुधारित कार्यक्रमांतर्गत मराठवाडा कृषी विद्यापीठ, परभणी अंतर्गत कृषी महाविद्यालय, लातूर येथे एम.एस.सी. (कृषी) पदव्युत्तर अभ्यासक्रमासाठी सन २००५-०६ च्या शैक्षणिक वर्षापासून कृषी अर्थशास्त्र, कृषी विस्तार शिक्षण, उद्यानविद्या, पशुसंवर्धन व दुग्धशास्त्र आणि हवामानशास्त्र या विषयाकरिता प्राध्यापकाची रू.१६४००-२२४०० या वेतनश्रेणीतील ४ वाहीव पदे निर्माण करण्यासे शासन मान्यता देत आहे.

र तसेच त्या अनुप्रमान मुराठवाडा कृत्री विद्यापीठ, परभूगी अंतर्गत सहाय्यक प्राद्यापकांची ४

उपरोक्त परिच्छेदात नमूद केलेल्या चव्याने निर्माण केलेल्या ४ प्राध्यापकांच्या पदा वेतन व भत्त्या निमित्त वार्षिक आवर्ती रू.१७.१६ लाख खर्च अंदाजित असून चालू आर्थिक व एकूण रू.८.५६ लाख खर्च अपेक्षित आहे. चालू आर्थिक वर्षातील खर्च खालील लेखाशिर्षाखा मंजूर असलेल्या अंदाजपत्रकीय तरतूदीतून भागविण्यात यावा आणि त्याच लेखाशिर्षाखाली खर्ची टाकण्यात यावा.

मागणी क. की- इ

२४१५ - कृषी विषयक संशोधन व शिक्षण

०१ - पीक संवर्धन

१२० - इतर संस्थांना सहाय्य

१२० - **पंचयापिक योजनांतर्गत योजना - राज्य योजनां**तर्गत योजना १२० (००) (०९) - मराठबाडा कृषी विद्यापीठाला सहाय्यक अनुदाने (योजनांतर्गत)

४१ - सहाय्यक अनुदाने ( २४१५ ०१०५)

४. याप्रकरणी महाराष्ट्र कृषी विद्यापीठ अधिनियम, १९८३, परिनियम १९९० आणि लेखासहिता १९९१ मधील तरतूदीनुसार तसेच प्रचलित शासन आदेश / कार्यपध्यतीचा अवलंब करण्यात यावा.
५. हा शासन निर्णय वित्त विभागाच्या सहमतीने त्या विभागाच्या अनौपचारिक सं क्र.२९४/व्यय-१, दि. ११.१०.२००५ अम्वये निर्गमित करण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने

कार्यासन अधिकारी, महाराष्ट्र शासन

प्रति,

सदस्य सचिव, महाराष्ट्र कृषी शिक्षण व संशोधन परिषद, भांबुर्डा, भोसले नगर, पुणे कुलगुरू / कुलसचिव/नियंत्रक, मराठवाडा कृषी विद्यापीठ, परभणी (५ प्रती) कुलसचिव, महात्मा फुले कृषी विद्यापीठ, राहूरी, जि. अहमदनगर उप विभागीय कृषी अधिकारी, परमणी (३ प्रती)

महालेखापाल १/२ (लेखापरीक्षा / लेखा व अनुज्ञेयता) महाराष्ट्र, मुंबई/नागपूर (३ प्रती) उप मुख्य लेखापरीक्षक (वरिष्ठ) स्थानिक निधी लेखा, औरंगाबाद (३प्रती)

जिल्हा कोषागार अधिकारी, परभणी (३ प्रती)

जिल्हा लेखापरीक्षक, स्थानिक निधीलेखा, मराठवाडा कृषी विद्यापीठ, परभणी

अधिदान व लेखा अधिकारी, मुंबई

नियोजन विभाग

वित्त विभाग (व्यय-१) (अर्थ-१२) मंत्रालय, मुंबई

कक्ष अधिकारी, कार्यासन २-अे/६-अे/८-अे कृषी व पदुम विभाग,मंत्रालय, मुंबई-३२ निवड नस्ती.

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मराठवांडा कृषि विद्यापीठ परभणी दुर्शी