

SELF STUDY REPORT (2018-2023)



Submitted to

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



College of Agriculture, Osmanabad
Vasantnao Naik Marathwada Krishi Vidyapeeth
Parbhani - 431402 (MS) INDIA

Self Study Report
for
Accreditation
(2018-19 to 2022-23)



College of Agriculture, Osmanabad

**Vasant Naik Marathwada Krishi Vidyapeeth,
Parbhani**

Compiled by -

Dr. D.S. Perke

Dr. K.R. Kamble

Dr. M.B. Patil

Chairman

Dr. V.N. Toprope

Member

Dr. M.S. Waghmare

Member

Dr. R.A. Patil

Member

Preface



Quality of agricultural education in the rural areas has been a cause of concern due to lack of educational facilities and learning resources. Therefore, to promote higher agricultural education at the grassroots level and capacity to develop skilled manpower of good quality in adequate number the College of Agriculture, Osmanabad was established in the year 2000. This being a constituent College of Vasanttrao Naik Marathwada Krishi Vidyapeeth, Parbhani is striving to aid, impart and coordinate agricultural education to develop quality human resource in the rural area. As such it is catering the need of agricultural education of the young graduating students across Maharashtra and other states. The University has provided comprehensive facilities to the college in terms of institutional support alongwith highly qualified academic, technical and supporting staff, buildings, laboratories, farm, farm facilities etc. The courses are taught with the use of modern teaching methods and aids. The teaching methods include class room lectures, video lectures, computer based training packages, laboratory experiments, on farm demonstrations, seminar presentation and field work. Besides this the college arranges several programs for the overall personality development of students. As such, the college provides opportunity to the young minds to involve themselves in the more realistic way to acquire agricultural proficiency so as to make their foundation strong when they enter the agricultural research and education system of the University and country. This has made it possible for the college to conduct its educational programme in an efficient and state of art mode.

Therefore, accreditation of College of Agriculture, Osmanabad has been considered worthwhile to measure its effectiveness and efficiency, identify its strengths and weaknesses and take necessary steps for improvement so as to bring precision in the existing educational system and improvement in the overall academic requirements. It is supposed to encourage its faculty and students to march ahead with full strength to fulfill the objectives and goals of the institute. The preparation of this report was a difficult task and the staff performed the job very critically with immense efforts to bring out this report. Special efforts taken up by Dr.D.S. Perke, Dr.K.R. Kamble, Dr.M.B. Patil, Associate Dean and Principal, College of Agriculture, Osmanabad are appreciated.

Dr. Uday Khodke
Director of Instruction
VNMKV, Parbhani

Acknowledgement



I would like to express the deepest gratitude to Hon. Vice-chancellor, Dr. Indra Mani who has conveyed a spirit of adventure with regard to developmental activities of the college, and an excitement with regard to preparation of this report. Without his supervision and constant help, preparation of this Self Study Report would not have been possible.

I would like to thank the Director of Instruction and Dean, Dr. Uday Khodke, whose work demonstrated concern for educational affairs supported by an engagement in comparative developmental work, should always transcend academia and provide a quest for our times.

My thanks go to all the staff members who have given their precious time, efforts into developing this Self Study report. In particular, I would like to acknowledge and thank Dr.V.N. Toprope, (In-charge, Self Study Report, ICAR correspondance and Anti Ragging Committee), Dr.P.H. Ghante, (In-charge, ELP Pathology), Dr.B.B. Badgire (In-charge Computer Cell and Estate Manager), Mr.L.S. Deshmukh (In-charge Farm and Scholarship), Prof.K.R.Chavan (In-charge, Gymkhana, ELP AHDS and Library), Dr. M.S.Waghmare (In-charge, Examination Cell and NSS), Dr.K.S. Thorat (In-charge, Student Placement and Counselling Cell and RAWA / Student's READY), Dr.A.V. Sable (Hostel Warden, Girls Hostel and In-charge Education Cell), Dr.J.B. Tawale (President, Women Sexual Harassment Committee and Technical Officer), Dr.R.A.Patil (In-charge, ELP Hort.), and Shri. B.P. Kumbhar (Assistant Comptroller and DDO).

I am also thankful to all the technical, ministerial and supporting staff who have worked extremely hard, both in the field and academic during the preparation of this report.

Dr. Digambar Perke
Associate Dean and Principal
College of Agriculture, Osmanabad

INDEX

Sr. No	Particular	Page No.
	Preface	i
	Acknowledgment	ii
	Index	
	List of Tables	
	List of Figures	
6.4.	Self-Study Report for the Programme	3
6.4.1.	Brief history of the degree programme- B.Sc.(Hons.) Agri.	3
6.4.2.	Faculty strength	5
6.4.3.	Technical and supporting staff	7
6.4.4.	Classrooms and laboratories	7
6.4.5.	Conduct of practical and hands on training	15
6.4.6.	Supervision of students in PG/Ph.D. programme	17
6.4.7.	Feedback of stakeholder (students, parents, industries, employers, farmers etc.)	17
6.4.8.	Student intake and attrition in programme for last five years	20
6.4.9.	ICT application in curricula delivery	20
6.5.	Self-Study Report for the College	23
	About college of Agriculture, Osmanabad	
6.5.1.	College Administration	23
6.5.1.1.	College deans office establishment	23
6.5.1.2.	Monitoring mechanism for quality education (On line)	24
6.5.1.3.	College Council/ Board of Studies	24
6.5.1.4.	Anti-Ragging cell	25
6.5.1.5.	Biological waste disposal facility	26
6.5.1.6.	Institutional ethics committee for experiment on Animals	27
6.5.1.7.	Committee for prevention of sexual harassment of women at work place	
6.5.2.	Faculty	28
6.5.2.1.	Faculty strength	28
6.5.2.2.	Faculty profile	28
6.5.2.3.	Credential of faculty	29
6.5.2.4.	Technical and supporting staff	31
6.5.3.	Learning resources	32
6.5.3.1.	College library	32
6.5.3.2.	Laboratories, instructional farm, workshop, dairy plant, veterinary clinic, hatchery, ponds etc.	34
6.5.3.3.	Student READY /In plant training/Experiential learning	37
6.5.3.4.	Curricula delivery through IT (smart class rooms/interactive boards etc.)	46
6.5.4.	Student development	47
6.5.4.1.	Student intake and attrition	47
6.5.4.2.	Average number of students in theory and practical classes	48
6.5.4.3.	Admission process	48
6.5.4.4.	Conduct of practical and hands on training	49
6.5.4.5.	Examination and evaluation process	50
6.5.4.6.	NCC/NSS/RVC Unit	51

6.5.4.7.	Language laboratory	53
6.5.4.8.	Cultural centre	54
6.5.4.9.	Personality development	55
6.5.5.	Physical Facilities	57
6.5.5.1.	Hostel	57
6.5.5.2.	Examination Hall	58
6.5.5.3.	Sports and recreation facilities	59
6.5.5.4	Auditorium	60
6.5.5.5	Exhibition/Museum	63
6.5.6.	Research facilities	64
6.5.6.1	Post graduate laboratories and equipments	64
6.5.6.2	Research contingency	69
6.5.7.	Outcome/Out put	69
6.5.7.1	Students performance in national examinations	69
6.5.7.2	Students placement profile	72
6.5.7.3	Awards/recognition/certificates	72
6.5.7.4	Employability	75
	Annexure- GR of establishment of College	79

List of Table

Table No	Title	Page No.
1	Positions at deans office establishment	23
2	Structure of college Monitoring mechanism for quality education	24
3	Structure of college council	25
4	Anti-Ragging committee	25
5	Vigilance committee	26
6	Structure of Ethics committee for experiments on animal	27
7	Committee for prevention of sexual harassment of women at workplace	27
8	Faculty strength of college	28
9	Faculty profile (Department wise)	28
10	Credential of faculty of the college	29
11	Technical and supporting staff at college	32
12	Subject wise reference books available in library	33
13	Functional laboratories and their number	35
14	Land use pattern	35
15	Instructional farm utilization pattern	35
16	Breeder seed production	36
17	Class room facilities	47
18	Student intake and attrition at college	48
19	Average number of student in theory and practical class	48
20	Student Evaluation	50
21	Overall performance of pass out student during last five year	51
22	Special camp conducted for student in NSS	52
23	Physical facilities at campus	57
24	Hostel facilities	58
25	Sports facilities at college	59
26	Students placed through AIEEA,ICAR,JRF (PG) indifferent institutes.	69
27	Students admitted for PG programme in abroad during last five year	69
28	Students admitted for PG programme through State CET examination during last five year	70
29	Student placement	72
30	Award winning students	72
31	Award winning faculty	73

List of Figures

Fig. No.	Title	Page No.
1	Library facilities College for students	33
2	Well-equipped laboratories	34
3	View of seed production plot	37
4	Commercial vegetable production	41
5	Post harvest management and value addition of horticultural crops	42-43
6	Mushroom production technology	44
7	Poultry production	45-46
8	Curricula delivery through ITC	47
9	On farm practical	49-50
10	Activities conducted under NSS	52-53
11	Language laboratory	54
12	Extra-curricular activity of student	55
13	Training programme on entrepreneur/personality and skill development	55
14	Staff and student performing yoga	56
15	Tree plantation programme	56
16	Hostel facilities	58
17	Student appearing for semester end theory examination in examination hall	58
18	Student participating in sport activities	60
19	Other activities of students	60-63
20	Visit to museum	63
21	PG research Programme	64-68
22	Student receiving award	73
23	Faculty receiving award	74
24	Faculty receiving farmer cup award	74

Self Study Report
of
UNDER-GRADUATE DEGREE PROGRAMME

6.4. Self-Study Report for the Programme

6.4.1. Brief history of the UG Degree Programme, B.Sc (Hons.) Agricultural:

College of Agriculture, Osmanabad established in the year 2000 vide G.R. No.MKV2000/CR/36/20A dated 16/08/2000 with the primary objective of providing higher educational opportunities to the students aspiring agricultural education. This being a constituent college of Vasant Rao Naik Marathwada Agriculture Krishi Vidyapeeth, Parbhani is striving to aid, impart and coordinate agricultural education to develop quality human resource in the rural area. As such, it is catering the need of agricultural education of the young graduating students across Maharashtra and other states. The university has provided comprehensive facilities to the college in terms of institutional support, highly qualified academic, technical and supporting staff, buildings, laboratories, farm facilities and financial support. The college is situated at the outskirts of district head quarter near the airport and supported by state infrastructure, providing the right environment for learning. Since its inception, the college has aimed at imparting quality and value-based education to rural students from economically and socially depressed classes to ignite young minds to become responsible agriculture graduates. The institution believes that education is the most important element for growth and prosperity of a nation. The college through its journey has progressed on various fronts in a systematic manner. There has been immense improvement in the college infrastructure, in adoption of better teaching-learning processes and involvement of the faculty in education and extension. Emphasis is laid on the overall development of students and various steps have been taken to give the community a global edge. This includes balancing academic and co-curricular activities and offering various opportunities to students for molding their personality. The college gives importance to gender equity and insists on representation of women at various levels. The college has been made proud by various achievements of the students who have successfully landed with good jobs.

The UG programme is revised as recommended by Vth Dean's committee report of ICAR from the academic year, 2017-18.

Sr. No.	Educational programme	Duration (Year)	Semesters
1	B.Sc.(Hon.) Agriculture	04	08

The College of Agriculture, Osmanabad is an institution funded and managed by Maharashtra State Government through Vasant Rao Naik Marathwada Krishi Vidyapeeth,

Parbhani. Most of the students of the college are from rural and economically backward sections. Without the existence of this college many would have discontinued their studies. Hence, college feels that it is the moral obligation to provide quality education. The college has a clear vision, mission and objectives for qualitative development in agricultural education.

Vision statement:

1. To provide higher agriculture education.
2. To fulfill the regional demand of agriculture graduates.
3. To make available agricultural technocrats for regional agricultural development.
4. To train the rural youths and encourage self employment.
5. To disseminate agricultural technology.

Objectives:

- ❖ To provide teaching environment and facilities to develop human resource that can be able to take the responsibility and challenges in agriculture.
- ❖ To provide technical and practical end to end exposure to students in field of agriculture for skill development related to production, value addition, management, marketing and self employment.
- ❖ To teach and train the students to make them resourceful and entrepreneurial.
- ❖ To collaborate with national and international institution/agencies involved in teaching, research and developmental programs in the field of agriculture.

Accomplishments:

As per the norms laid down by ICAR all faculty members are implementing the required teaching load efficiently. Since establishment, total 711 undergraduate students completed the degree from college. In the last four years 282 students have been awarded degree of B.Sc. (Agriculture) and B.Sc. (Hons.) Agriculture. Statement showing the number of students admitted and completed the degree programme in five years is as under.

Under graduate Programme B.Sc. (Hon.) Agriculture

Sr. No	Year	Number of students		
		Admitted	Passed	Placed in higher education
1	2018-19	61	41	9
2	2019-20	66	38	7
3	2020-21	63	46	7
4	2021-22	63	71	12
5	2022-23	58	86	5
Total			282	40 (20 %)

Almost all the departments are conducting practicals and have concentrated to impart need based skills. These lead students towards entrepreneurial knowledge and skill development viz; preparation of project proposal on dairy unit, poultry, goat, mushroom production, establishment of bio-control laboratory, soil testing laboratory etc. Govt. of Maharashtra has given emphasis in processed fruit products, so practical on fruit processing and dairy products are undertaken. The exposure visits for student of READY/ RAWE/ Experiential Learning module are organized to various seed industries, co-operative societies, fruit processing units etc to encourage them to develop entrepreneurship.

Teaching staff of this college is actively participating in different extension activities like farmers rallies, group discussion, spot guidance, method demonstration on IPM, IDM, seed treatment, preparation of bordeaux mixture, germplasm collection, rouging, etc. Faculty members of this college also participated in the programmes and farmers rallies conducted by State Agriculture Departments as a subject matter specialist.

6.4.2 Faculty Strength:

Govt. of Maharashtra has sanctioned the following faculty positions for smooth functioning of college. Discipline wise faculty details are mentioned hereunder.

a) Academic strength of faculty members:

Sr. No.	Cadre	No of Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/UGC/VCI/ Other regulatory bodies	Deviation
1.	Associate Dean & Principal	01	01	00	01	0
2.	Associate professor	05	02	03	08	6 (75%)
3.	Assistant professor	12	08+06*	04	34	20 (59%)
Total		18	17	07	43	26 (60%)

* Faculties from ARS and KVK, Tuljapur

b) Department wise name, designation and qualification of faculty members.

Sr. No.	Name of Staff	Designation	Qualification
1.	Dr. D.S. Perke	Associate Dean and Principal	M.Sc.(Agri.),Ph.D.
Dept. of Agronomy			
2.	Shri. L.S.Deshmukh	Assistant Professor	M.Sc. (Agri.)
Dept. of Agriculture Botany			
3.	Dr. V.N. Toprope	Associate Professor	M.Sc.(Agri.),Ph.D.

Dept of Agril Entomology			
4.	Dr. Anita.V. Sable	Assistant Professor	M.Sc.(Agri.), Ph.D. NET
Department of Horticulture			
5.	Dr. R.A. Patil	Assistant Professor	M.Sc. (Hort.). Ph.D. NET PGD-ETM, DP-PRGRD
Dept of Agricultural Economics			
6.	Dr. Jayshri.B. Tawale	Assistant Professor	M.Sc.(Agri.),Ph.D. ABM
Dept of Extension Education			
7.	Dr. K.S. Thorat	Assistant Professor	M.Sc.(Agri.).Ph.D. DBM PGD-ETM, DP-PRGRD
Dept of Agril.Engineering			
8.	Dr. B. B. Badgire	Assistant Professor	M. Tech., Ph.D
Dept of Plant Pathology			
9.	Dr. P.H.Ghante	Associate Professor	M.Sc. (Agri.), Ph.D.
Dept of Soil Science and Agricultural chemistry			
10.	Dr. M.S. Waghmare	Assistant Professor	M.Sc.(Agri.),Ph.D. ABM
Dept of Animal Husbandry & Dairy Science			
11.	Shri. K.R. Chavan	Assistant Professor	M.Sc. (Agri.)

c) Outsourcing from other constituent colleges of VNMKV, Parbhani:

Year	Course No.	Credit	Title	Name of Faculty	Degree
2021-22	COMP-231	(1+1)	Agri- informatics	Mr. M.M. Bhogaonkar, CoA, Latur	M.Sc. (Maths & Comp.Sci.)
2022-23	COMP-231	(1+1)	Agri- informatics	Mr. M.M. Bhogaonkar, CoA, Latur	M.Sc.(Maths and Comp. Sci.)
2018-23	PHEY 111	(0+1)	Physical Education	Dr. S.S. Srungare, CoA, Latur	M.PEd., Ph.D

d) Assistant Professor (Ad-hoc)

Year	Course No.	Credit	Title	Name of Faculty	Degree
2018-19	STAT-121	(1+1)	Statistics	Mr. M.G. Tawade	M.Sc.
	LANG-111	(1+1)	Comprehension & communication skills in English	Mr. S.P. Shinde	M.Sc. (STAT)
2019-20	LANG-111	(1+1)	Comprehension & communication skills in English	Mr. M.G. Tawade	M.Sc.

6.4.3. Technical and Supporting staff:

Following is the sanctioned strength of technical and supporting staff

1. Total strength of technical & supporting staff

Sr. No.	Name of Post	Sanctioned	Filled	Vacant
1.	Assistant comptroller	01	01	00
2.	Sr. Res. Assistant	01	01	00
3.	Sr. Clerk	02	02	00
4.	Jr. Clerk	02	01	01
5.	Agril. Assistant	03	03	00
6.	Lab/Lib attendant	05	02	03
7.	Labour	10	04	06
8.	Watchman	02	02	00
9.	Peon	02	02	00
10	Driver	01	01	00
11	Sweeper	01	01	00
	Total	30	20	10

2. Name, designation and qualification of technical and supporting staff.

Sr.No.	Name	Designation	Qualification
1	Shri. B.C. Dharmadhikari	Senior Section Officer	B.A.
2	Shri. A.R. Falake	Senior Research Assistant	M.Sc. (Agri.)
3	Shri. B.S. Surnar	Agril. Assistant	Agril. Diploma
4	Shri R.B.Jambhle	Agril. Assistant	Agril. Diploma
5	Shri. S.M. Tatke	Agril. Assistant	B.Sc. (Agri.)
6	Mrs. P. C. Manjramkar	Sr. Clerk	M.A. B.ed.
7	Shri. R.V. Chavan	Jr. Clerk	B.A.
8	Shri. D. D. Rasal	Lab Attendant	SSC
9	Shri. C.S. Wankhede	Lab Attendant	B.A.
10	Shri. S. T. Panchal	Peon	SSC
11	Shri. D.M Warvante	Labour	---
12	Shri. K.K.Bharat	Labour	---
13	Shri. S.B.Mundik	Labour	---
14	Shri.B.S.Khanpatte	Labour	---
15	Shri. M.L.Waghamare	Sweeper	M.com. B.ed.
16	Shri. W.I. Shinde	Watchman	---
17	Shri. M.S. Khiste	Watchman	---

6.4.4. Classrooms and laboratories:

Information on classroom for UG programme at College of Agriculture Osmanabad.

a. Classrooms:

The college is housed in a spacious building having 5700 sq. mts of built up area. College is having 04 UG class rooms with new furniture with a capacity to house nearly 120 students for theory class in one batch and practical class in two batches. All rooms have been equipped with Computer and LCD projectors.

Class room	Space	Seating capacity	Facilities available
UG Lecture Hall No. 1	113.5 sq.m.	120	Curricula delivery through ICT
UG Lecture Hall No. 2	113.5 sq.m.	120	Curricula delivery through ICT
UG Lecture Hall No. 3	113.5 sq.m.	120	Curricula delivery through ICT
UG Lecture Hall No. 4	113.5 sq.m.	120	Curricula delivery through ICT

b. Laboratories:

All ten departments have well equipped laboratories which are developed over the years with modern facilities for both basic and applied research with specialized facilities for Soil Science and Agricultural chemistry, Agril. Entomology, Plant Pathology, Agril. Engineering, Agril. Botany and Horticulture.

Department wise functional laboratories and their number

Sr No	Section	No of units	Space/Area available in Sqf.	Seating capacity
1	Agronomy	01	1200	30
2	Agril. Botany	02	1200 + 600	30
3	Agril. Entomology	01	1200	30
4	Agril. Extension	01	1200	30
5	Agril. Economics	01	1100	30
6	Animal Husbandry & Dairy Science	01	1600	30
7	Agril. Engineering & Computer Lab	01	1200 + 600	30
8	Horticulture	01	1200	30
9	Plant Pathology	01	1200 + 600	30
10	Soil Science & Agril. Chemistry	01	1200 + 600	30

All these laboratories are utilized for conducting practical's , hands on training, courses of UG programme. Agril. Botany and Plant Pathology departments have ICT facilities

c) Department wise List of major equipments available for UG degree programme.

1. Agronomy

Sr. No.	Name of equipment	No	Sr. No.	Name of equipment	No
1.	Philips Elect. Balance (Cap. 300Kg)	01	16.	Sprinkler irrigation system	01
2.	Thermohygro clock	03	17.	Drip irrigation system	01

3.	Sunshine recorder	01	18.	V notch	01 set
4.	Rain Guage (Automatic)	01	19.	Top pan balance (1 gm to 200 gm)	01
5.	Rain Guage (Manual)	01	20.	Meter scale	01
6.	Thermometer	01	21.	Sprayer	01
7.	Digital moisture testing machine	01	22.	Cup anemometer	01
8.	Single Stevenson screen	01	23.	Screen type augar	02
9.	Water quality analyzer	01	24.	Post hole type augar	02
10.	Min. thermometer	01	25.	Soil thermometer (5,10,15,20,30 cm)	05
11.	Wind vane	01	26.	MAU groundnut striper frame	01
12.	Thermo hygrograph	01	27.	Aluminum moisture box (set of 10 box)	05
13.	MAU peg tooth weeder / conoweeder	01	28.	Soil Tensiometer (size 15 mm & 30 mm)	02
14.	Weighing Balance upto 10 Kg	01	29.	Gypsum block	04
15.	Drip irrigation system	01	30.	MAU ferti hoe	01

2. Agricultural Botany

Sr. No.	Name of equipment	No	Sr. No.	Name of equipment	No
1.	Rotary vacuum pump	02	15.	Indosaw seed sampling trier 75 mm	01
2.	Student Microscope	16	16.	Alwin refrigerator 150 lit	01
3.	Binocular Microscope	02	17.	Seed storage unit 28x15x30 inch	01
4.	Labhosp parathion bath	01	18.	Sound level meter	01
5.	Contech make digital top pan balance 6kg Model 6005	01	19.	Laminar air flow Revera make	01
6.	MAC hot Air Oven	01	20.	Laminar air flow microfit make	01
7.	KSW Lab willy Grinder with 0.5 hp motor	02	21.	Autoclave 550x750mm swastika brand	01

8.	Table balance wt. up to 10 kg	01	22.	Precision balance 600gm	01
9.	Indosaw digital Moisture testing machine	01	23.	Precision balance 200gm	01
10.	Indosaw illuminated purity work board	05	24.	pH meter labman make	01
11.	Indosaw hand testing sieves	01	25.	Magnetic stirrer with hot plate	01
12.	Indosaw precision divider	01	26.	Spectrophotometer	01
13.	Indosaw seed sampling trier 90 mm	01	27.	Centrifuge machine wensner make	01
14.	Indosaw seed sampling trier 150 mm	01	28.	Rotary shaker 90x90 cup	01

3. Soil Science and Agriculture Chemistry

Sr. No.	Name of equipment	No	Sr. No.	Name of equipment	No
1.	Electronic Top Pan Balance (0.1g Capacity)	01	9.	Rotary Shaker	01
2.	Electronic Top Pan Balance (1mg Capacity)	01	10.	Flame photometer	01
3.	Hot Air Oven	01	11.	Hydrometer	01
4.	pH Meter	01	12.	Infiltrometer	01
5.	EC Meter	01	13.	stirrer	01
6.	Hot Plate	01	14.	Muffle furnance	01
7.	Distilled Water Unit	01	15.	Kjeldhal unit	04
8.	Water Bath	01			

4. Plant Pathology

Sr. No.	Name of equipment	No	Sr. No.	Name of equipment	No
1.	Autoclave	02	9.	Micro oven	01
2.	Hot air oven	01	10.	Herbarium collection box	01
3.	BOD Incubator	01	11.	Herbarium press	01

4.	Laminar Air Flow	02	12.	Colony counter (Mechanical)	01
5.	Mechanical shaker	01	13.	Ultra centrifuge	01
6.	Students microscope	15	14.	Conductivity meter	01
7.	Binocular microscope	02	15.	Glass slides of various genera of fungi, bacteria.	01
8.	Precision balance	01	16.	Refrigerator	04

5. Agricultural Entomology

Sr. No.	Name of equipment	No.	Sr. No.	Name of equipment	No.
1.	UV chamber	02	14.	Metzer binocular microscope	01
2.	Student microscope	16	15.	Dissecting plates	35
3.	Weighing balance	01	16.	Lamination photos	50
4.	Student microscope focus monocular	32	17.	Magnifying lenses	25
5.	Insect collecting Showcases	10	18.	Insect collecting net aluminium	50
6.	Refrigerator 165 lit	01	19.	Insect light trap	02
7.	Power sprayer	01	20.	Breeding nest for chrysopa	01
8.	Foot sprayer	01	21.	Corcyra rearing system	02
9.	Knapsack sprayer	01	22.	Corcyra egg laying cage	01
10.	BOD incubator	01	23.	Plastic chandrica	10
11.	Hygrometer	01	24.	Dry & wet bulb thermometer	01
12.	Centrifuge machine	01	25.	Insecticides	12
13.	Hot plate	01	26.	Focus binocular microscope	01

6. Agricultural Extension Education

Sr. No.	Name of equipment	No	Sr. No.	Name of equipment	No
1.	Desktop computer with printer	01	4.	CD/ DVD player	01
2.	Exhibition display stand	01	5.	Slide projector	01
3.	Educational charts	01	6.	Television	01

7. Computer Laboratory:

Sr. No.	Name of equipment	No	Sr. No.	Name of equipment	No
1.	Desk top computers	13	4.	Printer laser	01
2.	Modem	01	5.	Scanner	01
3.	Network switch	01			

Beside this, the computer laboratory is also equipped with a internet connection of the speed 02 MBPSNMCIT-1 Broadband- 2

8. Horticulture

Sr. No.	Name of equipment	No.	Sr. No.	Name of equipment	No.
1.	Pruning Saw	06	13.	Electronic weighing balance	01
2.	Grafting Knife	06	14.	Table balance	01
3.	Budding Knife	07	15.	Brush cutter	01
4.	Girdling Knife	10	16.	Mixer cum grinder	01
5.	Bonsai Set	01	17.	Hand Refractometer	03
6.	Hedge Shear	09	18.	Pressure Cooker	01
7.	Tree Pruner	05	19.	HTP pump	02
8.	Spade	05	20.	pH pocket meter	01
9.	Pick axe	05	21.	Humidifier	01
10.	Tray Dryer	01	22.	Refrigerator	01
11.	Hot Air Oven	01	23.	Garden equipment tools	01 Set
12.	Top pan balance	01			

9. Agricultural Engineering

Sr. No.	Particulars	No.	Sr. No.	Particulars	No.
1.	A typical drip irrigation system	01	33.	Four stroke cycle	01
2.	Sprinkler irrigation	01	34.	Spark ignition	01
3.	Types of sprinkler	01	35.	Compression ignition	01
4.	Water requirement in drip irrigation	01	36.	Types battery ignition system	01
5.	Drop spillway	01	37.	Working model belt convener	01

6.	Various types of pump	01	38.	Working model of bucket evaluator	01
7.	Positive displacement pump	01	39.	Chain convener	01
8.	Rotary sprinkler	01	40.	Screw convener	01
9.	Trickle method of irrigation	01	41.	Disc break model	01
10.	Different types of emitters	01	42.	Gear pump model	01
11.	Centrifugal filter and screen filter	01	43.	Bell bearing	01
12.	Sand filter with backpush arrangement	01	44.	Roller Bearing	01
13.	Ventury injector	01	45.	Tapper bearing	01
14.	Fertilizer tank	01	46.	Plate clutch	01
15.	Different types of layout of the drainage system	01	47.	Multiple clutch	01
16.	Drip suitcase model	01	48.	Gear Box	01
17.	Control valve sample board	01	49.	Fuel supply system of petrol engine	01
18.	Drip table model	01	50.	Fuel supply system of diesel engine	01
19.	Compression fitting sample board	01	51.	Working model of tractor starting	01
20.	Dripper sample kit	01	52.	Cut section of gear box- Car	01
21.	QRC sample board	01	53.	Cut section of gear box- Jeep	01
22.	RPEC drier	01	54.	Four-stroke one cylinder diesel engine	01
23.	LSU drier	01	55.	Tractor model	01
24.	Baffle drier	01	56.	Tractor model	01
25.	Cylinder separator	01	57.	Different cut models	10
26.	Two stroke cycle	01	58.	Total survey station	01
27.	Dumpy level	03	59.	Oil engine cut model	01
28.	Leveling staff	03	60.	Digital EC & pH Meter	01
29.	Meter chain (20M)	02	61.	LUX meter	01
30.	Meter chain (30 M)	02	62.	CO ₂ meter	01
31.	Ranging rod	20	63.	Open cross staff	02
32.	Optical square	01	64.	Green house/ poly house	03

10. Animal Husbandry and Dairy Science

Sr. No.	Name of equipment	No	Sr. No.	Name of equipment	No
1.	Cattle Breed Models (1. Jaffrabadi, 2.Red Shindhi, 3. Tharparker, 4. Gir, 5.Sahiwal, 6. Kankrej, 7. Haryana, 8. Holstein Frisian.)	08	17.	Lactometers	06
2.	Milk can	01	18.	Stainless steel milk measuring set	01
3.	Milk plunger	04	19.	Aluminum milk can (40 liters)	01
4.	Cream separator machine hand & electrically operated	01	20.	Glass butter churner	01
5.	Centrifugal fat testing machine	02	21.	Milking pail (10 Lit.)	01
6.	Richmond's scales	06	22.	Wooden butter process equipment set	01
7.	Burdizzoos castrator	02	23.	Sheep shear	01
8.	Tattooing set	01	24.	Weighing balance	03
9.	Ear tags brass	06	25.	Gas brooder	01
10.	Dehorner electrically operated	01	26.	Electric brooder	01
11.	Dehorner non electrically operated	01	27.	Chick guards	04
12.	Branding iron	09	28.	Chick drinkers small	12
13.	A. I. gun	01	29.	Chick feeder	12
14.	Bull nose punch	01	30.	Broiler drinker	12
15.	Bull nose ring	06	31.	Broiler feeder	12
16.	Hoof trimmer	01	32.	Gas flame gun	01

d. Information on farm facilities available at College

College is having total farm area of 65.00 ha. under dry land agriculture, horticulture plantation and garden etc. Farm facilities are fairly developed and utilized for crop cafeteria demonstrations, experiential learning programme and seed production etc. The other farm facilities like threshing yards, farm ponds, irrigation tank, sump-well, tube well, various farm equipments, micro irrigation facilities, polyhouse facilities are being utilized for instructional purpose.

e. Information on instructional units available for UG programme

S.N	Name of farm facility	Space	Remark
1. Department of Agronomy			
	UG instructional farm	1.0 ha	Used for conducting UG practicals , crop cafeteria
2. Department of Agricultural Botany			
	UG instructional cum research farm	0.50 ha	Used for conducting UG practical's .
3. Department of Agricultural Economics			
		Nil	
4. Department of Agricultural Engineering			
		Nil	
5. Department of Agricultural Entomology			
	UG instructional farm	0.50 ha	Used for conducting UG practicals.
6. Department of Animal Husbandry and Dairy Science			
	UG instructional fodder cafeteria	0.50 ha	Used for Instructional/ practical/ demonstration purpose and conducting
7. Department of Extension Education			
		Nil	
8. Department of Horticulture			
	UG instructional farm and Polyhouse	0.60 ha	Used for conducting UG practicals and ELM Programme.
9. Department of Plant Pathology			
	UG instructional farm	0.50 ha	Used for conducting UG practicals .
10. Department of Soil Science and Agricultural Chemistry			
	UG instructional farm	0.50 ha	Used for conducting UG practicals

f. Information on theory and practical batches for UG degree programme.

Sr. No.	Academic year	Theory batch(students)	Practical batch(students)
1	2018-19	1 (60)	2 (30)
2	2019-20	1 (60)	2 (30)
3	2020-21	1 (60)	2 (30)
4	2021-22	1 (60)	2 (30)
5	2022-23	1 (60)	2 (30)

6.4.5 Conduct of practical and hands-on-training :

The college is making all efforts to impart necessary skills and confidence among the graduating students to start and operate their own business units through firsthand experience of running model farms and pilot plants during course of study.

The college has excellent teaching faculty, all of them involved in teaching, research and extension. All the departments have well equipped laboratories. Students are actually involved in practical's like, preparation of milk products, budding, grafting, nursery management, sterilization of media, seed production, soil analysis, identification of insect pests, etc.

Practical classes ensure the development of skills based on theoretical knowledge, field studies/visits, industry visits and study tours during student READY programme and ELP.

The students are being exposed to hands on training during RAWE programme and experiential learning programmes like commercial poultry production, commercial cultivation of vegetables, post-harvest management and value addition of horticultural crops and mushroom production in the final year.

A) Semester –wise distribution of courses

Semester	Credits B.Sc. (Agri)	Credits B.Sc. (Hons.) Agriculture
I	19	24-26
II	20	24
III	21	24
IV	22	25
V	22	24
VI	19	23
VII (RAWE)	20	20
VIII	20	20
Total	163	184-186

B) Discipline-wise distribution of Course Credits

Sr. No.	Discipline	B.Sc. (Agri)			B.Sc. (Hons.) Agriculture		
		No. of Course	Courses Credits	Weight age (%)	No. of Course	Courses Credits	Weight age (%)
1.	Agronomy	12	25	15.34	12	22	10.75
2.	Animal Husbandry Dairy Science	5	10	6.13	04	08	4.30
3.	Agril. Botany	8	21	12.88	09	21	8.06
4.	Soil Science Agricultural Chemistry	5	14	8.59	04	11	4.30
5.	Agril. Entomology	5	13	7.98	05	10	5.38
6.	Agril Economics & Statistics	7	14	8.59	05	13	5.38

7.	Extension Education	5	08	4.91	05	12	6.99
8.	Agril. Engineering	5	07	4.29	04	08	4.30
9.	Horticulture	5	11	6.75	08	19	5.38
10.	Plant Pathology	6	15	9.20	06	16	6.99
11.	ELP on 1. Mushroom Production Technology 2. Poultry Production 3. Commercial Vegetable Production 4. Post-Harvest Management and Value Addition of Horticultural Crops	1	20	12.27	04 Modules	10 each	10.75
12.	RAWE Report	1	2	1.22	1	20	10.75
13.	Others	02	03	1.85	19	33	16.67
	Total	65	163	100.00	86	193*	100

***Includes Elective Course**

6.4.6. Supervision of students in PG/Ph.D. Programme by Academic Staff:- Not Applicable

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

An exercise was made through feedbacks taken from students and parents in due time. According to their feedbacks, College administration has been provided facilities as hostels, mess, R.O. drinking water, library, sports, gymkhana, placement cell, preparation for competitive examinations, farm and NSS activities etc. They are also satisfied with the facilities available in the college viz., computers, smart classrooms and well equipped laboratories.

Most of the students of this college are employed in banking sector, private agricultural colleges, seed, fertilizer and pesticide companies and in Government sector. The feedbacks mechanism used from the state holder and action taken on the feedback is mentioned below

Sr. No.	Type of stakeholders	Feedback Mechanism	Action Taken
1.	Students	Feedback: 1. Students were satisfied with existing teaching-learning facilities, staff behavior and co-operation.	1. Girls and boys gymnasium were strengthened by adding new equipment.

		<p>Feedback Suggestions:</p> <p>Strengthening of gymnasium, guest lectures for guidance, books of competitive examinations, transportation facility etc.</p> <p>Information was collected through Feedback questionnaire and students meet .</p>	<ol style="list-style-type: none"> 2. Guest lectures for career guidance and higher education etc. were arranged. 3. Books demanded by the students were purchased through library. 4. Public Transportation (MSRTC) facility was made available to students.
2.	Parents	<p>Feedback:</p> <ol style="list-style-type: none"> 1. Parents were satisfied with existing teaching-learning facilities, staff behavior. <p>Feedback Suggestion:</p> <p>Hostel facility to First Year students, guest lectures for guidance, transportation facility mess facility should be started in hostel etc.</p> <p>Information was collected through Feedback questionnaire and parents meet and through telephonic conversation.</p>	<ol style="list-style-type: none"> 1. Hostel facility was provided for first year students 2. Guest lectures for career guidance and higher education etc. were arranged. 3. Public Transportation (MSRTC) facility was made available. 4. Mess facility was started in hostel.
3.	Farmers	<p>During Field visit, farmers meet, complaint resolving teams and diagnostic team visits.</p>	<p>During conversation with farmers they are satisfied with technology dissemination.</p> <p>The innovative feedbacks/suggestions and Farmers participatory programmers are considered for research purpose.</p>

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

The attrition of students is due to their admission in other streams.

Sr. No	Name of degree programme	Sanctioned strength	Actual students admitted in the 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.(Agri.) & B.Sc. (Hons) Agri	60	61	66	63	63	57	9.83	7.57	1.58	9.52	3.50

Actual intake = 60 (M & U quota) 10% seats are over and above for Agriculture diploma holders for first Semester.

6.4.9. ICT Application in Curricula Delivery :

All the course curricula are delivered by using IC tools viz., Power point Presentations, Google classrooms, Google forms, Zoom, display board and other audio-visual aids etc. to make conceptual comprehensions easier for students. It aids them implementing a variety of strategies in the classroom environment to improve learning outcomes.

6.4.12. I the Associate Dean and Principal hereby certified that the information contain in the section 6.4.1. to 6.4.9. are furnished as per the records available in the college and degree awarding university



(D.S. Perke)
Associate Dean and Principal
College of Agriculture, Osmanabad

**Self Study Report
of
COLLEGE**

6.5 Self Study Report for the college

About College of Agriculture, Osmanabad.

College of Agriculture, Osmanabad is a constituent college of Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani, established in the year 2000 by the Govt. of Maharashtra vide G.R. No. MKV2000/CR/36/20A dated 16/08/2000 with intake capacity of 32 students to cater the need of agriculture education at graduation level in the region of Marathwada. In 2010-11, this college is strengthened with increased intake capacity of 60 students. The academic campus of the college is spread over on an area of about 65.00 ha comprising the College building, boys and girls hostels, play grounds, instructional farm, crop cafeteria, demonstration farm, horticultural fruit crops orchard, medicinal and aromatic plant plots, polyhouse and shed net houses, yoga park, ELP units etc. The college has adopted very progressive policies and extended all possible facilities to the students for their better education and co-curricular activities.

6.5.1. College Administration

6.5.1.1. College Dean's Office Establishment:

Following posts have been sanctioned by the state government at Dean's office establishment, which are filled up by the university administration and are working in the college (Table 1).

Whether Dean's (Associate Dean and Principal's) post has been sanctioned by the appropriate authority as per ICAR Model Act/UGC guidelines - Yes

Date of selection of present Dean - 20.10.2022

Mode of selection - Promotion

Tenure - Five years

Table 1. Positions at Dean's office establishment.

Sr. No.	Designation of the post	Sanctioned Posts	Filled Posts	Vacant Posts
1	Associate Dean & Principal	01	01	00
2	Asstt. Comptroller	01	01	00
3	Sr. clerk	02	01	01
4	Jr. clerk	02	01	01
5	Peon	02	01	01
6	Sweeper	01	01	00
7	Watchmen	02	02	00
Total		11	08	03

Infrastructure of Dean Office:

1. Dean's Chamber, 2. Meeting Hall, 3. Waiting Hall and 4. Antechamber for Dean's room.

These chambers are well furnished with wooden furniture's, like Tables-3, Chairs-15, computers-1, internet facilities, Photostat machines-1, fax facilities, telephone facilities, sofa sets-2, meeting tables-2 and chairs, refrigerator-1, aqua guard water purifier-1 etc.

At Dean's secretariat two sections are available. One section is for education while other section is for administration. One computer is available with internet facilities for education section.

6.5.1.2. Monitoring Mechanism for Quality Education (On-Line):

The College has constituted a committee for internal quality assurance system.

Table 2. Structure of college Monitoring Mechanism for Quality Education:

Sr. No.	Name of the employee	Designation	Position in committee
1.	Dr. D.S. Perke	Associate Dean & Principal	Chairman
2.	Dr. V.N. Toprope	Associate Professor	Member
3.	Prof. K.R. Chavan	Assistant Professor	Member
4.	Dr. Jayshri B. Tawale	Assistant Professor	Member
5.	Dr. M.S. Waghmare	Assistant Professor	Member
6.	Dr. Anita V. Sable	Assistant Professor (I/C Education)	Member secretary

Following monitoring mechanisms are adopted for quality education

- Online Monitoring through CCTV
- Frequent and sudden visits to classrooms and laboratories
- Feedback from students and parents
- Regular advisory meetings
- Personal counseling and guidance to students
- Suggestion box

6.5.1.3. College Council /Board of Studies:

College of Agriculture, Osmanabad runs only under graduation programme, therefore, board of studies which meant for post graduate programme is not constituted in the college. However, the faculties are the invitee members of BOS for their respective departments.

This college has constituted college council (Table 3) which deliberate on the issues and difficulties in educational programme.

Table 3. Structure of college council:

Sr. No.	Position	Name	Position in CC
1	Associate Dean and Principal	Dr. D.S. Perke	President
2	Hostel In-charge	Dr. K.S. Thorat	Vice-president
3	Education In-charge	Dr. Anita V. Sable	Member
4	Examination In-charge	Dr. M.S. Waghmare	Member
5	Girls Hostel Warden	Dr. Jayshri B. Tawale	Member
6	Boys Hostel Warden	Dr. K.S. Thorat	Member
7	Estate Officer	Dr. B.B. Badgire	Member
8	Library In-charge	Prof. K.R. Chavan	Member
9	Fourth year Student	Aswin K.S.	Member
10	Fourth year Student	Pail S.B.	Member
11	Third year Student	Prabhanj Kumar C.	Member
12	Third year Student	Rane P. D.	Member
13	Second year Student	Kale P.B.	Member
14	Second year Student	Bhosale C.D.	Member
15	First year Student	Bamnikar A.D.	Member
16	First year Student	Shaikh A.H.	Member
17	Assistant Section Officer	Shri. B.C. Dharmadhikari	Secretary

6.5.1.4. Anti Ragging Cell:

As per the directives and recommendations of the Hon. Supreme Court and UGC, “Anti-ragging committee (Table 4) and Vigilance committee” (Table 5) have been constituted for every year to tackle the menace of ragging and curbing the same in the college. For the year 2022-23, following committee members are working in these committee.

Table 4. Anti-Ragging Committee:

Sr. No.	Name of the employee	Designation	Position in committee
1	Dr. V.N. Toprope	Associate Professor	Chairman
2	Dr. M. S. Waghmare	Assistant Professor	Member
3	Shri. K.R. Chavan	Assistant Professor	Member
4	Dr. Anita V. Sable	Assistant Professor	Member
5	Shri. J.N. Raut	PI, Police Station, Dhoki	Member
6	Dr. K.S. Thorat	Assistant Professor	Member secretary

The committee regularly monitors and prevent any disastrous incidents pertaining to ragging amongst the college students. These committee enquire judiciously and recommend constitutional punishment to the guilty students in case of ragging incidences.

At this campus no ragging incidence is reported till date.

Vigilance Mechanism:

The vigilance squad is perpetually vigilant for curbing any kind of dreadful and untoward incident of ragging among the college students. The squad undertakes frequent and sudden visits to the hostel (Boys), library, play grounds and other places in the college campus/premises. In case of intentional or inadvertent cases of dreadful ragging incidents, if noticed, the squad officially lodges the complaint against the guilty students with the chairman of the anti-ragging committee for further investigation.

At this campus no such untoward incidences are reported till date.

Table 5. Vigilance Committee

TEAM	Sr. No.	Name of the staff member	Designation	Visit Particulars
“A”	1.	Dr V.N. Toprope	Associate Professor	All Mondays and Tuesdays
	2.	Shri. K.R. Chavan	Assistant Professor	
	3.	Shri. A.R. Falke	SRA	
“B”	4.	Shri. K.R. Chavan	Associate Professor	All Wednesdays and Thursdays
	5.	Dr. Anita V. Sable	Assistant Professor	
	6.	Dr. Jayshri B. Tawale	Assistant Professor	
“C”	7.	Dr. B.B. Badgire	Associate Professor	All Fridays and Saturdays
	8.	Dr. R.A. Patil	Assistant Professor	
	9.	Shri. B.S.Surnar	Agril. Asstt.	
“D”	10.	Dr. M.S. Waghmare	Assistant Professor	All Sundays
	11.	Dr. K.S. Thorat	Assistant Professor	
	12.	Dr L S Deshmukh		
	13.	Shri. O.B. Pail	JRA	

6.5.1.5. Biological Waste Disposal Facility:

Biological waste disposal facility is available at college Campus. Biological waste particularly plant disease samples, Pathogenic Microorganisms like fungal cultures, bacterial culture and live infected samples, hazardous waste material, expiry of date chemicals and solvents are disposed off in this biological waste disposal facility. It is available outside the college building, having capacity of 500-liter waste disposal capacity, and is properly covered. The disease samples and microbial cultures are steam pressure sterilized before disposal in biological waste disposal unit.



6.5.1.6. Institutional ethics committee for experiments on animals:

No course or topic is included as experiments on animals in B.Sc. (Agri.) or B.Sc. (Hons.) Agriculture degree programme at this College, in the course curriculum, even though such committee is constituted.

Table 6. Structure of ethics committee for experiment on animals

Sr. No.	Name of the employee	Designation	Position in committee
1	Shri. K.R. Chavan	Assistant professor	Chairman
2	Dr. R.A. Patil	Assistant Professor	Member
3	Dr. Anita V. Sable	Assistant professor	Member

6.5.1.7. Committee for prevention of sexual harassment of women at work places:

The committee for prevention of Sexual Harassment of Woman at work place is constituted at this College (Table 7).

Table 7. Committee for prevention of sexual harassment of women at workplace:

Sr. No.	Name of Staff	Designation	Position in committee
1	Dr. Jayshri B. Tawale	Assistant Professor, Agril. Economics	Chairman
2	Prof. K.R. Chavan	Assistant Professor, Dept. of AHDS	Member
3	Mrs. Pratibha Majaramkar	Sr. Clerk	Member
4	Miss. Sonali S. Munde	Student	Member
5	Dr. Anita V. Sable	Assistant Professor, Agril. Entomology	Member Secretary

6.5.2. Faculty

6.5.2.1. Faculty Strength:

Following Faculty Strength is available in the college (Table 8).

Table 8. Faculty strength of College:

Sr. No	Post Sanctioned	Sanctioned Post	Post Filled	Post Vacant
1.	Associate Dean and Principal	01	01	00
2.	Associate Professor			
	Associate Professor of Agronomy	01	00	01
	Associate Professor of Genetics and Plant Breeding	01	01	00
	Associate Professor of Agril. Entomology	01	00	01
	Associate Professor of Plant Pathology	01	01	00
	Associate Professor of SSAC	01	00	01
	TOTAL	05	02	03
3.	Assistant Professor			
	Assistant Professor of Agronomy	01	01+02*	00
	Assistant Professor of Genetics and Plant Breeding	01	00	01
	Assistant Professor of Entomology	01	01+01*	00
	Assistant Professor of Horticulture	02	01+01*	01
	Assistant Professor of Agril Economics	01	01	00
	Assistant Professor of Agril. Extension Education	01	01	00
	Assistant Professor of Agril. Engineering	01	01	00
	Assistant Professor of Plant Pathology	01	00	01
	Assistant Professor of SSAC	01	01+01*	00
	Assistant Professor of AHDS	01	01+01*	00
	Assistant Professor of Comp. Science	01	00	01
	TOTAL	12	14	04

* Faculties from ARS and KVK, Tuljapur

6.5.2.2. Faculty Profile (Department Wise):

The profile of the faculties working in this college is as follows (Table 9).

Table 9. Department wise faculty profile of academic staff member

Sr. No.	Name of the department	Name of the Faculty	Designation	Qualification
01	Agronomy	Shri. L.S. Deshmukh	Assistant Professor	M.Sc.(Agri)
02	Genetics & Plant Breeding	Dr. V.N. Toprope	Associate Professor	M.Sc.(Agri), Ph.D.
03	Agril. Entomology	Dr. Anita V. Sable	Assistant Professor	M.Sc.(Agri), Ph.D.
04	Horticulture	Dr. R. A. Patil	Assistant Professor	M.Sc.(Hort), Ph.D. ARS-NET
05	Agril. Economics	Dr. Jayshri B. Tawale	Assistant Professor	M.Sc.(Agri), Ph.D.
06	Agril. Extension Education	Dr. K. S. Thorat	Assistant Professor	M.Sc.(Agri), Ph.D.
07	Agril. Engineering	Dr. B. B. Badgire	Assistant Professor	M.Tech., Ph.D.
08	Plant pathology	Dr. P.H Ghante	Associate Professor	M.Sc.(Agri), Ph.D.
09	Soil science and Agricultural chemistry	Dr. M.S. Waghmare	Assistant Professor	M.Sc.(Agri), Ph.D.
10	Animal Husbandry and Dairy Science	Shri. K. R. Chavan	Assistant Professor	M.Sc. (Agri)

The present faculty profile is sufficient to teach the undergraduate courses at this College.

6.5.2.3. Credentials of the Faculty:

The university has employed competent faculty in each subject to accomplish the mission and goal of the college. The professional credential of each academic staff is as below (Table 10).

Table 10. Credential of faculty of the College

Department	Post	Name of Faculty	Credential		
			Areas of Specialization	No. of research papers & Abstract	Awards and other accomplishments
Agricultural Economics	Associate Dean and Principal	Dr. D.S. Perke	Agril. Marketing, Agril. Finance and Production economics	Research papers-95 Abstracts-25 Book published-10 Recommendations passed in different Joint Agresco-15	<p>National & State Level Award</p> <ol style="list-style-type: none"> 1. Best Doctoral Dissertation award given by GKV Society, Agra, UP, India in National conferance 2. Distinguished Scientist Award given by Society for Scientific Development in Agriculture & Technology 3. Excellence in Teaching Award given by Green Reap Welfare Society 4. Matoshri Parvatibai Mahindre Memorial Best Organizer Award (Silver Medal) and Presidents Appreciation Award 2019 <p>Member of the State/ National Level Committee</p> <ol style="list-style-type: none"> 1. International Conferance Ecological Impact on Agriculture, Business and Technology 2. Maharashtra Society

					<p>of Agricultural Economics</p> <p>Member of Professional Society</p> <ol style="list-style-type: none"> 1. Journal of Agriculture Research and Technology 2. Agricultural Economics Research Association (India) 3. The Maharashtra Society of Agricultural Economics 4. Society of for Scientific Development in Agriculture and Technology <p>Reviewer / Referee of journal</p> <ol style="list-style-type: none"> 1. International Journal of Agriculture Sciences 2. Maharashtra Society of Agricultural Economics <p>Other activities:</p> <ol style="list-style-type: none"> 1. Student's Guided / Guiding Ph.D. (Agri.)-07 2. Student's Guided / Guiding M.Sc. (Agri.)-41 3. Nodal officer of RKVY scheme
Genetics and Plant Breeding	Associate Professor	Dr.V.N. Toprope	Genetics & Plant breeding	Research paper 42 Abstract : 25	<p>Associated in development and release of varieties:</p> <p>Groundnut :- LGN 2, LGN 1, TLG 45 and LGN 123, Sunflower:- LS 11, LSF 8 and LSFH 171, Urdbean :- BDU 1 Pigeonpea :- BDN 711 and BDN -716 Chickpea :- BDNG 798</p>
Agricultural Entomology	Assistant Professor	Dr.Anita V. Sable	Host plant resistance	Research paper 08 Abstract : 04	<p>Fellowship of ASPEE foundation JRF for M.Sc. (Agri) SRF for Ph. D. degree programme</p>

Horticulture	Assistant Professor	Dr.R.A. Patil	Post harvest & Fruit science	Research paper 19 Abstract : 28	1. Young Scientist Award PLANTICA foundation. 2. Best Nodal Officer, National Election Commision
Agricultural Economics	Assistant Professor	Dr.Jays hri B. Tawale	Agril. Economics	Research paper 32 Abstract : 05	
Agricultural Extension Education	Assistant Professor	Dr.K.S. Thorat	Communication	Research paper 24 Abstract : 10	1. <i>Lokrajya Doot</i> Award by Govt. of Maharashtra. 2. Joint Agresco research recommendation – 04 3. Best Nodal Officer, National Election Commision 05. Member, Board of Studies (Agriculture), Goa University, Ela, Goa
Agricultural Engineering	Assistant Professor	Dr. B. B. Badgire	Farm Machinery and Power	Research paper 23 Abstract : 03	Best Thesis award for M.Tech.
Plant Pathology	Associate Professor	Dr. P.H. Ghante	Mycology	Research paper 31 Abstract : 50	
Soil Science and Agricultural Chemistry	Assistant professor	Dr. M. S. Waghmare	Soil fertility	Research paper 18 Abstract : 26	i. Best doctoral research presentation award, ISSS, New Delhi. ii. Young scientist for award, PCISSS, VNMKV, Parbhani. iii. Fellowship from International potash phosphorus research Institute, Canada iv. Young Scientist Award PLANTICA foundation.
Animal Husbandary and Dairy Science	Assistant Professor	Shri.K. R. Chavan	Dairy Science	Research paper 06 Abstract : 11	

6.5.2.4. Technical and Supporting Staff:

The following post of technical and supporting staff for field experimentation work/ laboratory work / farm work are in place at this college (Table 11).

Table 11. Technical and supporting staff at College.

Sr. No.	Name of Post	Sanctioned	Filled	Vacant
1.	Assistant comptroller	01	01	00
2.	Sr. Res. Assistant	01	01	00
3.	Sr. Clerk	02	02	00
4.	Jr. Clerk	02	01	01
5.	Agril. Assistant	03	03	00
6.	Lab/Lib attendant	05	02	03
7.	Labour	10	04	06
8.	Watchman	02	02	00
9.	Peon	02	02	00
10	Driver	01	01	00
11	Sweeper	01	01	00
	Total	30	20	10

The staff is involved in land preparation of experimental plot viz. Crop cafeteria, crop production and crop protection of experimental and demonstration plots and conduct of field experiments, while lab attendants are involved in preparation of material for laboratory practical in department of plant pathology, entomology, soil science, botany, horticulture, agronomy etc.

6.5.3. Learning Resources:

6.5.3.1. College Library (Digital):

The library is situated in the main building of the College to facilitate quick access to students and staff. Internet facility is available in computer cell. In all the department CeRA facility is accessible along with KOHA library management system via <http://vnmkvkoha.ourlib.in/>. The library opening hours are from 9:00 am to 5:45 pm. It has the seating capacity of 75 students. However, the reading room is open round the clock.

The subject wise number of books available in the library is listed in Table 12. During the year 2022-23, the total 5968 number of books are available in the library.

Library staff

Sr. No.	Name of Staff	Position
1	Shri. K.R. Chavan	Library In-charge
2.	Shri. O.B. Patil	Library assistant
3.	Shri. D. M. Warwante	Labour



Fig 1. College library facility for student

Table 12. Subject wise reference books available in library.

Sr. No.	Subject	No of books
1	Agronomy	710
2	Horticulture	648
3	Engineering	352
4	Entomology	502
5	Soil Science	594
6	Plant Pathology	694
7	Dairy Science	486
8	Extension Education	254
9	Language (English)	166
10	Agricultural Botany	662
11	Agricultural Economics	354
12	Competitive	322
13	Others	224
	Total	5968

Daily Newspapers available in library : 05

No. of professional journals subscribed : 02

During the year 2018-23 the library user students and staff are as follows.

□ Library users students: **1125**

□ Library user staff : **75**

Most of the students use library facilities for their studies.

6.5.3.2. Laboratories, Instructional Farm, Workshop, Dairy Plant, Veterinary Clinic, Hatchery, Ponds etc.:

A. Laboratories: Well equipped laboratories of all disciplines are available in College Building, wherein the practical are conducted for UG students to get the knowledge of that particular subject which is useful to the students for building up career in agriculture



Dept. of Plant Pathology



Dept. of Agril. Entomology



Dept. of Soil Sci. & Agril. Chemistry

Fig 2. Well-equipped laboratories

Table.13 Department wise functional laboratories and their number

Sr. No.	Section	No of units	Space/Area available in Sq feet.	Seating capacity
1.	Agronomy	01	1200	30
2.	Agril.. Botany	02	1200 + 600	30
3.	Agril. Entomology	01	1200	30
4.	Agril. Extension	01	1200	30
5.	Agril. Economics	01	1100	30
6.	Animal Husbandry & Dairy Science	01	1600	30
7.	Agril. Engineering & Computer Lab	01	1200 + 600	30
8.	Horticulture	01	1200	30
9.	Plant Pathology	01	1200 + 600	30
10.	Soil Science & Agril. Chemistry	01	1200 + 600	30

B. Instructional Farm

The total land available at this College is 65.0 ha. The instructional farm is of 7.40 ha (Table 14).

Table 14. Land use pattern

Heads/ Particulars	Area in (ha)	% of total land
Academic Buildings	12.60	20.00
Uncultivated Farm Land	45	69.23
Cultivated farm land	7.40	11.54

The instructional farm is divided into different sectional plots like crop improvement and production, experimental plot, crop protection experimental plot, crop cafeteria, demonstration plot, horticultural plantation and polyhouse cultivation as shown below;

Table 15. Instructional farm utilization pattern

Sr. No	Name of instructional farm	Area
1.	Crop cafeteria	0.40 ha
2.	Demonstration plot	6.70 ha
3.	Horticultural plantation	0.20 ha
4.	Polyhouse cultivation	0.10ha

Department wise field allotment

Name of farm facility	Space	Remark
1. Department of Agronomy		
UG instructional farm	0.50 ha	Used for conducting UG practicals , crop cafeteria
2. Department of Agricultural Botany		
UG instructional cum research farm	0.50 ha	Used for conducting UG practical's .
3. Department of Agricultural Entomology		
UG instructional farm	0.40 ha	Used for conducting UG practicals.
4. Department of Animal Husbandry and Dairy Science		
UG instructional fodder cafeteria	0.40 ha	Used for Instructional/ practical/ demonstration purpose and conducting UG practicals.
5. Department of Horticulture		
UG instructional farm and Polyhouse	0.60 ha	Used for conducting UG practicals and ELM Programme.
6. Department of Plant Pathology		
UG instructional farm	0.40 ha	Used for conducting UG practicals.
7. Department of Soil Science and Agricultural Chemistry		
UG instructional farm	0.40 ha	Used for conducting UG practicals

Table 16. Breeder Seed production:

Sr. No	Year	Crop	Qtls	Revenue earned (Lakhs)
1	2018-19 (Kharif)	Soybean	17.90	1.29
2	2019-20 (Kharif)	Soybean	93.50	2.26
3	2020-21 (Kharif)	Soybean	106.00	3.22
4	2020-21 (Rabi)	Chickpea	8.00	0.60
5	2021-22 (Kharif)	Soybean	124.00	10.00
6	2021-22 (Rabi)	Chickpea	13.40	1.00
7	2022-23 (Kharif)	Soybean	74.39	8.40
8	2022-23 (Rabi)	Chickpea	11.56	0.80



Fig. 3.View of seed production plot

The students practical and farm related activities are carried out on instructional farm and at polyhuose.

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

6.5.3.3.1. Status of student READY Programme

Student READY Programme

It was started in the academic year 2020-2021, first two years i.e 2020-21 total 38 students were registered and for the year 2021-22 72 students were registered and they did their entire student READY Programme at their respective native places due to COVID pandemic situation.

Student READY Programme (2022-2023) Total - 58 Students

Programme Co-Ordinator - Dr. K.S. Thorat

Programme officers. - Dr. R.A. Patil, Dr. A. V. Sable, Dr. P.G. Chavan

VILLAGE ATTACHMENTS

Sr.No.	Name of Attached Village	No. of Students
1	Wagholi	12
2	Upla	12
3	Shingoli	12
4	Kini	12
5	Kajala	12

AGRO INDUSTRY ATTACHMENT

Sr. No.	Name of Industry	Allotted Student
1	Mapro Foods Pvt Ltd.	7
2	Satara Mega Food Park	12
3	Shivamrut Milk And Dairy Products, Akluj	5
4	Pavanraje Agro Producers Company	3
5	Mauli Plasto Industries And Drips Pvt Ltd	2
6	Tejas Agro Irrigation Pvt Ltd	6
7	Rohini Packaging Industries	7
8	ODSF Agro Producer Company Pvt Ltd	2
9	Santkrupa Agro producer Company Pvt Ltd	2
10	Ashok Dal Mill	2
11	Marathwada Dairy Agro	1
12	Aadi Mushroom And Agro Products	1
13	Swami Agro Industries	6
14	Rudramani Udyog	2
15	Avdhut Agro Biotech	1
16	Sun and Ocean Agro Pvt Ltd	1



Shivamrut Milk Union, Akluj, Dist. Solapur



Aadi Agro Products, Murud, Dist. Latur



MAPRO Food Pvt Ltd, Wai, Dist. Satara



Mauli Plsto and Drip Industries, Dharashiv

6.5.3.3.2. Status of Experiential Learning Programme Unit

1. Total number of ELP Units sanctioned by ICAR : 03

2. Total number of ELP established and conducted at College level : 04

3. Student Intake Capacity (Number) : 60

4. Details of experiential learning programme units sanctioned:

Sr. No.	Title of the ELP Unit	Year of Start	Nodal Person (Name, Email, Mobile)	Working/ Non working
01	Commercial Vegetable Production	2011- 12	Dr. R.A.Patil 9403925661 raghwendrapatil@gmail.com	Working
02	Post-Harvest Management and Value Addition of Horticultural Crops	2020-21		
03	Commercial Broiler Production/ Poultry Production	2016-17	Prof. K.R.Chavan 7588528716 kakachavan0@gmail.com	Working
04	Mushroom Production Technology	2011-12	Dr. P.H. Ghante/ Shri. A.R.Falke	Working

Year wise Details of Experiential Learning Programme Units:

Sr. No.	Name of EI Module	Year	Grant Received (Rs. Lacs)		No. of Students trained under EL	Product being developed under ELP	Revenue earned (Rs.)
			ICAR	University Funds			
01	AEL-HORT-486 (0+20) / ELM-HORT-4812 Commercial Vegetable Production (0+10=10)						
	Commercial Vegetable Production	2018-19	--	0.10	16	Cucumber and Leafy Vegetables	10000/-
		2019-20	--	0.20	15	16 Vegetables	3200/-
		2020-21	--	0.10	12	06 Vegetables	1020/-
		2021-22	--	0.10	26	16 Vegetables	13328/-**
		2022-23	--	0.10	31	16 Vegetables	15840/-**
		Total	--	--	100	--	43,388/-
02	ELM-HORT-4814 Post-Harvest Management and Value Addition of Horticultural Crops (0+10=10)						
	Post-Harvest Management and Value Addition of Horticultural Crops	2020-21	--	0.10	12	Processed Products	3530/-
		2021-22	--	0.10	26	Processed Products	16864/-**
		2022-23	--	0.10	31	Processed Products	35800/-**
		Total	--	--	69	--	56,194/-

** 50% Profit has been shared with students



ELM HORT 4812 (2021-22)



ELM HORT 4812 (2022-23)

Fig. 4 Commercial Vegetable Production



ELM HORT 4814 (2021-22)



ELM HORT 4814 (2022-23)

Fig 5. Post-Harvest Management and Value Addition of Horticultural Crops

Sr. No.	Name of EL Module	Year	Grant Received (Rs. Lacs)		No. of Students trained under EL	Product being developed under ELP	Revenue earned (Rs.)
			ICAR	University Funds			
AEL – PATH -486 (0+20) / ELM-PATH-486 (0+10) – Mushroom Production Technology							
01.	Mushroom Production Technology	2018-19	--	0.20	17	Mushroom	--
		2019-20	--	0.25	16	Mushroom	--
		2020-21	--	0.20	30	Mushroom	--
		2021-22	--	0.20	53	Mushroom	--
		2022-23	--	0.20	39	Mushroom	--
		Total	--	1.05	155	--	--



Fig. 6. Mushroom Production Technology

Sr. No.	Name of EI Module	Year	Grant Received (Rs. Lacs)		No. of Students trained under ELP/ELM	Product being developed under ELP	Revenue earned (Rs.)
			ICAR	University Funds			
01.	AEL- ASDS- 486 (0+20) – Commercial Broiler Production/ ELM AHDS-485 (0+10) Poultry Production						
	Commercial Broiler Production/ Poultry Production	2018-19	--	0.15	15	Broiler Poultry	14850/-
		2019-20	--	0.20	15	Broiler Poultry	13630/-
		2020-21	--	0.15	30	Broiler Poultry	17730/-**
		2021-22	--	0.20	53	Kaveri	26120/-**
		2022-23	--	0.20	39	Kaveri	25460/-**
		Total			152	--	97790/-

**** 50% Profit has been shared with students**



2018-19



2019-20



Year-2020-21



Year-2021-22



Year-2022-23

Fig.7. Poultry Production

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

The college is using smart class room. Teaching is done on power point presentations by the teachers. There are 4 smart class rooms and 11 practical rooms with equipments and modern facilities.

The teachers use flow charts, audio visual aids and ppt's to teach the theory lectures while practicals are taken in laboratories and on field as per the need (Table 12)

The college is housed in a spacious building having 5700 sq. m of built up area. College is having 04 UG class rooms with new furniture with a capacity to house nearly 100-120 students. All classrooms have been equipped with Computer and LCD projectors.



Fig 8. Curricula delivery through IC tools (Computer, LCD projectors, LAN)

Table 17 Classroom facilities

Class room	Space	Seating capacity	Facilities available
UG Lecture Hall No 1	113.5 sq.m.	120	Interactive board, Computer oriented
UG Lecture Hall No 2	113.5 sq.m.	120	LCD projectors, LAN Ethernet, Google
UG Lecture Hall No 3	113.5 sq.m.	120	Classrooms, Google forms, Display
UG Lecture Hall No 4	113.5 sq.m.	120	board, Head mike, Sound systems etc.

6.5.4. Student Development:

Overall student development is achieved by integration of class and co-curricular activities. For these regular classes of different faculties are made available to students in the field of management, general knowledge, personality development etc.

6.5.4.1. Student Intake and Attrition:

The student intake and attrition is tabulated (Table 18) as below during the undergraduate programme of the College for last five years.

Table 18. Student intake and attrition at College.

Year	Student's intake	Student's attrition (No.)	Percent of attrition (%)	Reason for attrition
2018	61	06	9.83	Secured admission in other stream
2019	66	05	7.57	Secured admission in other stream
2020	63	01	1.58	Secured admission in other stream
2021	63	06	9.52	Secured admission in other stream
2022	57	02	3.50	Secured admission in other stream

The overall attrition in this college is at 7.65% which was due to admission in another streams/faculties/ college.

6.5.4.2. Average number of students in theory and practical

The average numbers of students in theory and practical classes (Table 19) are as below;

Table 19. Average number of student in theory/practical class.

Sr. No.	Name of the degree programme	Batch of student in theory Class	Batch of student in practical class
1.	B.Sc.(Agri.)	66	33
2.	B.Sc. Agri (Hons.)	66	33

6.5.4.3. Admission process:

- The student who has passed HSC examination in science and given the MHT-CET examination/NEET examination conducted by Directorate of Higher Education, Maharashtra state in the current academic year is eligible for admission to the B.Sc. (Hons.) Agriculture.
- The merit list of the student based on marks in the entrance examination is prepared by CET cell.
- Based on the merit list and performance given by the student the college wise allotment list is given by the CET cell.
- Student has to report the allotted college, pay the required fees and submit the original documents within the stipulated time. The admission of the student is completed by following the above standard centralized process at state level.

6.5.4.4. Conduct of practical and hands on training:

The practical's and hands on training is conducted in the respective department's laboratories and field allocated to concern department. The practicals are conducted as per lesson plan recommended by Vth Deans Committee by using the requisite instruments and facilities. The techniques are demonstrated to the students and then the students do the laboratory experiments. The outcome of the experimental result is noted by the students in their practical manual with signature of the course teacher. Likewise the practical in the entire course as per lesson plan is performed by the student. Hands on training is performed in the field and in the laboratories where student themselves does different operations and record in the practical manual.





Fig. 9. On Farm Practicals

6.5.4.5 Examination and evaluation Process:

Separate examination cell for conducting examinations is constituted in the college (Fig 11). Final theory examination paper is set at MCAER level. Mid-term examination is conducted by concern course teacher after completion of 40 per cent syllabus. Twenty percent is internal evaluation through conduct of midterm examination and general performance and 80 per cent is external evaluation through semester end examination.

Table 20 Students Evaluation:

Sr. No	Practical Examination	Marks (%)
1.	Internal	20
2.	External	80

Frequency of student Evaluation (Per cent Weight-age per credit):

Sr. No	Theory Examination	Marks (%)
1.	Others (Upto 45 days from start of semester)	20
2.	End of semester	80

Mode of Students evaluation (Per cent weight-age per credit):

Sr. No	Mode	Marks (%)
1.	Mid term	10
2.	Semester End Theory & practical	80
3.	Assignment/term paper	05
4.	Practical Manual / GP	05

6.5.4.5.1. Result of college student:

The result of graduating student during last five years is depicted in the Table 21.

Table 21. Overall performance of pass out students during last five years.

Year	No of students appeared	No of students passed	Passed students (%)	First class with Distinction		First class		Total	
				M	F	M	F	M	F
2018-19	43	41	95.34	--	--	13	13	27	14
2019-20	38	38	100	--	2	15	10	25	13
2020-21	46	46	100	1	6	19	8	31	15
2021-22	71	71	100	7	12	28	13	46	25
2022-23	57	57	100	18	17	17	5	35	22

6.5.4.6. NCC/NSS/RVC Units:

This college has one NSS unit with intake of 50 student volunteers and one programme officer. The scheme is sponsored by Govt. of India, Dept. of Youth affairs and Sports, Ministry of Human Resource Development. Following activities were carried out under NSS.

Regular social service are conducted, under which volunteers has to complete 240 hrs during two years of registration. Special camp programme is organized, in which volunteers live in village for seven days and work for the social and civic activities.

The NSS programme during last five years is shown as belows.

Table 22. Special camp conducted for students in NSS.

Sr. No	Year	Name of village	Activities performed
1.	2018-19	Hinglajwadi	Cleaning and awareness activities in village Animal vaccination camp , Farmers rallies
2.	2019-20	Kini	Women empowerment & drudgery reduction
3.	2020-21	Alni	
4.	2021-22	Kavalewadi	Blood Donation Camp, tree plantation programmes and awareness
5.	2022-23	Thodsarwadi	
			Awareness and Importance of Voting, etc



NSS Activities during 2021-2022



NSS Activities during 2022-23

Fig 10. Activities conducted under NSS

6.5.4.7. Language Laboratory:

A language laboratory is created in computer cell. Language phonetic software is made available for the student for proper pronunciation of English and other foreign languages.



Fig. 11. Language laboratory

6.5.4.8. Cultural Center:

A cultural center is available in college building. It has music instrument like harmonium, *tabla*, sound amplifier, speaker etc. The students are encouraged for instrumental and vocal music. Cultural programmes are arranged as per demand and availability of student participant.





Fig 12. Extra-curricular activities of students.

The student uses this cultural center for their interaction and other social activities and celebrations.

6.5.4.9. Personality Development:

The personality development programmes are undertaken at the college. Special lecture and coaching are made available to the students group for functional grammar in Standard English speaking skill, reasoning, group discussion, interview skill, quantitative ability, verbal ability, vocabulary enrichment. This year two such personality development programs were organized for our students. Every year educational tours are arranged to expose students to different agro-based industries and other universities/ICAR institutes for their personal development.



Fig 13. Training programme on Entrepreneurial, Personality and Skill Development by Sampada Trust, Ahemadnagar

This College has yoga park (Fig. 8) where regular yoga session are held with participation of students of this College for integrating the educational and health aspects of the students.

CELEBRATION OF INTERNATIONAL YOGA DAY



Fig14. Staff and Students performing yoga



Fig 15. Tree plantation programme undertaken at college of Agriculture

6.5.5. Physical Facilities

This college has a self contained campus with college building having facilities like well furnished class rooms, well equipped laboratories, Central Computer cell, staff utility room, boys utility room and girls utility room and residential Facility for the student and staff. The details of infrastructure are as below (Table 23).

Table 23. Physical facilities at college

Sr. No.	Particulars	Availability		
		No. of units	Capacity if applicable	Adequate (Yes / No)
1	Administrative offices	01	10	Yes
2	Classrooms	04	120 each	Yes
3	Laboratory	10	30 each	Yes
4	Library	01	90 students	Yes
5	Housing for faculty	10	10 families	Yes
6	Boys hostel	01	96	Yes
7	Girls hostel	01	51	Yes
8	Sports complex	01	--	Yes
9	Guest house	01	04 persons	Yes
10	Canteen	01	--	Yes
11	ELP/ ELM units	04	--	Yes
12	Seminar hall	01	40	Yes
13	Exam Hall	02	120 (60 each)	Yes
14	Students Forum	01	40	Yes
15	Ladies Room	01	15	Yes
16	Vehicle parking	01	----	Yes
17	Gymnasium	02	----	Yes
18	Stores	03	----	Yes

6.5.5.1. Hostels

Hostels are available for boys and girls at college campus. In boys hostel total 96 students can be accommodated while the capacity of girl's hostel is of 51 students. In one room two or three students are staying. This room has got self contained washroom. Mess facilities are available in both the hostels, with aqua guard (RO) drinking water facilities. Both the hostels has separate common hall for recreation purpose having T.V. set. The hostel corridors and premises are cleaned daily by the concern workers. For emergency medical facility college Jeep is made available. Primary Health Centre is 8 km away from this college campus.



Fig 16. Hostel facilities

Table 24. Hostel facilities

Hostel	Capacity	student/ room	Mess	Drinking water	Indoor game	Cleaning	Transport	Entertainment
Boys	96	02	Yes	Yes	Yes	Yes	No	Yes
Girls	51	02	Yes	Yes	Yes	Yes	No	Yes

6.5.5.2. Examination Hall:

To conduct mid-term and final semester end theory examination, there are three examination halls available in the main building. Each examination hall having capacity of 60 students each hall.



Fig 17. Students appearing for Semester End Theory Examination in examination Hall.

6.5.5.3. Sports and Recreation Facilities:

Outdoor and indoor game facilities are available at the campus. Two separate sport grounds are available for boys and girls. Sports grounds have Volleyball, Kho –Kho, Kabaddi and Cricket facilities. For indoor games a big hall is available with sufficient space which has table tennis, chess and carom facilities which are used by students. The teachers are assigned for each sport activity, who look after the need and demand of the students. Funds for most of the sport and recreation facilities including cultural week and gathering are provided from the college gymkhana fund.

Table 25. Sport facilities at College campus.

Sr. No.	Games and Sports	Facilities available	No.	Remark
1.	Kabaddi	Ground	02	Adequate
2.	Kho-Kho	Ground	01	Adequate
3.	Volleyball	Ground	02	Adequate
4.	Cricket	Ground	01	Adequate
5.	Badminton	Ground	01	Adequate
6.	Table tennis	Table	02	Adequate
7.	Chess	Chess, board	06	Adequate
8.	Carom	Boards	03	Adequate
9.	Discus throw	Discus	02	Adequate
10	Shot put	Shot put	02	Adequate





Outdoor Games



Indoor Games

Fig 18. Students participating in sports activities

6.5.5.4. Auditorium:

The college has auditorium hall which is used for various cultural programmes.





Agro-Industrial Attachment at MAPRO, Wai, Mega Food Park, Satara and Shivamrut Dairy, Akulj



Unit Attachment and RAWE Activities 2022-23



Essay and Rangoli Competition on the occasion of National Voter's Day 2022



Awareness of Voting on the occasion of National Voter's Day 2023



TERRACE GARDEN



EDUCATIONAL TOUR

Fig 19 other activities of students

6.5.5.5. Exhibition Hall/Museum:

The college has established a museum which house the varietal seed samples, charts of cultivation technologies, models, display board, screens, prototype of instruments, bioagents and biofertilizers which are helpful for the students and visiting farmers.



Fig 20. Visit to museum

6.5.6. Research Facilities:

6.5.6.1. Postgraduate laboratories and equipment:

Faculty members are involved in PG and Ph.D research programme of College of Agriculture, Latur and Parbhani. Some PG students conducted post graduate research experiments at instructional farm of College of Agriculture, Osmanabad. Based on PG research student and faculty have published their research articles in reputed journals.



PG Research Experiments



**PG Research Trial (M.Sc. Horticulture) at College of Agriculture, Osmanabad
Title- Effect of Growth Regulators and Cutting thickness on growth and rooting of
various Grape rootstocks**



PG Research Trial (M.Sc. Horticulture) at College of Agriculture, Osmanabad
Title- Effect of organic manures on Growth and Quality of Sweet Pepper
Under protected condition



PG Research Trial (M.Sc. Horticulture) at College of Agriculture, Osmanabad
Title- Effect of Growth Regulators on Growth and Yield of Cherry Tomato
Under Protected Condition



**PG Research Trial (M.Sc. Horticulture) at College of Agriculture, Osmanabad
Studies on Preparation of Guava nectar blended with *Aonla* and *Tulsi* extracts**

Fig 21 PG research Programme

6.5.6.2 Research contingency: Nil

6.5.7. Outcome/Output

6.5.7.1 Student Performance in National Examinations:

The students of this college appear for ICAR-JRF examination. The students performance in ICAR-JRF and their placement in different universities for PG is shown in Table 26. Similarly, the performance of students for Maharashtra Common Entrance Test for admission to PG is shown in table 24.

Table 26. Students placed through AIEEA ICAR JRF (PG) in different institutes.

Sr. No.	Reg. No.	Name of the students	Subject	AIEEA ICAR JRF Rank	Name of the institution where placed	Year of passing
1.	2015AGOB044	Ravi Kant Sharma	SSAC	130	SKRAU, Bikaner, Rajasthan	2019
2.	2015AGOB02	Dayanand Bana	GPB	156	CP college of agri. SDAU, Gujrat	2019
3.	2015AGOB	Imran Khan	GPB	166	SKUAS, Kashmir	2019

Table 27. Student admitted for PG programme in abroad during last five years.

Sr. No.	Name of the students	Year of passing UG	Name of the institution where placed	Subject
1.	Vamshidhar Reddy Lenkala 20154AGOB040	2018	Charls Darwin University, Australia	Master of Environmental Management
2.	Vangala Preethi Reddy 2018AGOB051	2022	Murray State University,	MS in Agricultural Science

Table 28. Student admitted for PG programme through State CET examination during last five years.

Sr. No.	Name of the student	Institute in which placed	Discipline / Subject
Academic year 2018-19			
1.	Priya P. Satwadhar, 2014AGOB045	VNMKV Parbhani	SSAC
2.	Bhagyashree R. Bhosale, 2014AGOB003	MPKV Rahuri	GPB
3.	Pooja D. Mungale, 2014AGOB035	PDKV Akola	Extension
4.	Swapnali S. Chavan, 2014AGOB007	VNMKV Parbhani	Horticulture
5.	Supriya P. Dhekane, 2014AGOB012	MPKV Rahuri	Plant Pathology
6.	Avinash Ghige, 2014AGOB18	PDKV Akola	GPB
7.	Pravin Munde, 2014AGOB34	BSKKV Dapoli	Agril. Economics
8.	Vikas Chavan, 2014AGOB08	VNMKV Parbhani	Agril. Economics
9.	Dipali N. Kamble, 2015AGOB106	BAMU, Aurangabad	M.Sc. (Land & Water management)
Academic year 2019-20			
10.	Neha N. Patait, 2015AGOB35	VNMKV Parbhani	Plant Pathology
11.	Vijay Sakhare, 2015AGOB41	MPKV Rahuri	SSAC
12.	Mohd. Sarvar Imam, 2015AGOB33	MPKV Rahuri	GPB
13.	Kirti A. Bhargav, 2015AGOB03	VNMKV Parbhani	MBA
14.	Pavan Varpe, 2015AGOB61	VNMKV Parbhani	MBA
15.	Deepak Sherkhane, 2015AGOB48	BAMU, Aurangabad	M.Sc. (Land & Water management)
16.	Priti M. Lohar, 2015AGOB32	BAMU, Aurangabad	M.Sc. (Land & Water management)
Academic year 2020-21			
17.	Shwetal S. Bansode, 2016AGOB03	VNMKV Parbhani	AHDS
18.	Vaibhav Bodke, 2016AGOB07	VNMKV Parbhani	SSAC
19.	Rajeshwari S. Bhendegave, 2016AGOB005	VNMKV Parbhani	AHDS

20.	Revati S. Jagtap, 2016AGOB21	VNMKV Parbhani	Horticulture
21.	Pranali V. Wagaj, 2016AGOB59	VNMKV Parbhani	MBA
22.	Vishal Ingle, 2016AGOB18	SHUATS, Prayagraj, U.P	Agril. Entomology
23.	Pragati C. Kharpude, 2016AGOB21	SHUATS, Prayagraj, U.P	Plant Pathology
Academic year 2021-22			
24.	Komal K. Chavan, 2017AGOB08	MPKV Rahuri	Agril. Entomology
25.	Aakanksha K. Dhok, 2017AGOB11	VNMKV Parbhani	Agril. Entomology
26.	Sandhya K. Mali, 2017AGOB31	VNMKV Parbhani	Agril. Meteorology
27.	Vishal Kamble, 2017AGOB27	VNMKV Parbhani	Agril. Economics
28.	Abhijeet Sarje, 2017AGOB45	VNMKV Parbhani	Agril. Extension
29.	Bhagwat Mate, 2017AGOB34	VNMKV Parbhani	Plant Pathology
30.	Riddheshwar Shinde, 2017AGOB48	BSKKV Dapoli	Post harvest management
31.	Priya P. Gote, 2017AGOB16	VNMKV Parbhani	SSAC
32.	Pramod Tandale, 2017AGOB56	VNMKV Parbhani	MBA
33.	Swapnil Shinde, 2017AGOB49	SRTMU, Nanded	MBA
34.	Sanketkumr Aghame, 2018AGOB101	Amravati university	MBA
35.	Sudarshan Dhengale, 2018AGOB103	K.T.Patil Co MBA, Osmanabad	MBA
Academic year 2022-23			
36.	Bhakti P. Binage, 2018AGOB07	MPKV Rahuri	Agril. Entomology
37.	Anuksha B. Naikwadi, 2018AGOB38	VNMKV Parbhani	SSAC
38.	Tabassum J. Mulani, 2018AGOB39	VNMKV Parbhani	SSAC
39.	Hritikraj Hunker , 2018AGOB25	VNMKV Parbhani	Agril. Economics
40.	Ganesh Kanade, 2018AGOB33	MPKV Rahuri	SSAC

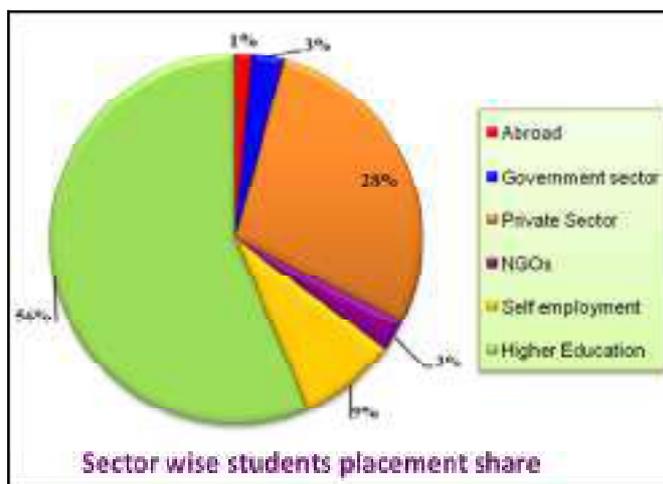
6.5.7.2. Student Placement Profile

Student’s placement cell is established and working towards students counseling cum placement in different organizations. The placement details and number of students engaged sector wise is mentioned as below

Table 29. Student placement

Sr. No.	Students placed	2018-19	2019-20	2020-21	2021-22	2022-23
1.	Overseas	01	-	-	-	-
2.	Govt. Sector	-	01	-	01	-
3.	Private Sector	02	01	06	04	07
4.	NGO’S	01	01	-	-	-
5.	Entrepreneur	01	03	01	01	-
Total		05	06	07	06	07

Sr. No	Students placed at	No. of students
1	Abroad	01
2.	Government sector	02
3.	Private Sector	20
4	NGOs	02
5.	Self employment	06
6.	Higher Education	40



6.5.7.3. Award/Recognition/Certificates

The award/Recognition/Certificates for students (Table 24) and faculty (Table 25) are as under

Table 30. Award winning students:

Year	Activity and Student participant	Award/Recognition/Certificates	Awarding agency
2018-19	Mr. Pawar A.D. 2015AGOB77	Gold Medal in One Act Play	ICAR, New Delhi (SDAU, Dantewada)
		Bronze Medal Quiz Competition	Indradhanush
		Quiz Competition	Intra University VNMKV, Parbhani
2019-20	Miss. Mulani T.J. 2018AGOB39	First Prize Quiz	Intra University VNMKV, Parbhani

2019-20	Miss. Binage B.B 2018AGOB07.	Second Prize Quiz	Intra University VNMKV, Parbhani
2019-20	Miss. Patait N.N. 2015AGOB35	Kushithon- debate competition	Krushithon Foundation, Nashik



Fig 22. Student receiving award in inter University cultural event Indradhanushya, 2018

Table 31. Award winning Faculty :

Name of Faculty	Designation	Award / Recognition / Certificates
Dr. K.R. Kamble	Associate Dean and Principal	Appreciation certificate of Pani Foundation during Farmer's Cup-2022 awarded at the auspicious hands of Deputy Chief Minister of Maharashtra Shri. Devendra Fadanvis on 12/03/2023
Dr. P.H. Ghante	Associate Professor	Appreciation certificate of Pani Foundation during Farmer's Cup-2022 awarded at the auspicious hands of Deputy Chief Minister of Maharashtra Shri. Devendra Fadanvis on 12/03/2023
Dr. M. S. Waghmare	Assistant Professor	<ul style="list-style-type: none"> • Best doctoral research presentation award, • Young scientist award PCISSS, VNMKV, Parbhani, • Fellowship from International potash phosphorus research institute Canada • Young Scientist Award by PLANTICA Foundation, Dehradun
Dr. K.S. Thorat	Assistant Professor	<ul style="list-style-type: none"> • Joint Agrosco research recommendation - 04

Dr. Anita. V. Sable	Assistant Professor	<ul style="list-style-type: none"> • Fellowship of ASPEE foundation • JRF for M.Sc. Agri • SRF for Ph. D. degree programme
Dr. R.A. Patil	Assistant Professor	<ul style="list-style-type: none"> • Young Scientist Award by PLANTICA Foundation, Dehradun
Dr. S.L. Badgujar	Associate Professor	<ul style="list-style-type: none"> • Best Plant Pathologist Award GIRISDA, Punjab



Fig 23. Faculty receiving Young Scientist Award, 2019



Fig 24. Faculty receiving Farmer cup Award, 2019

6.5.7.4. Employability:

The graduates of this college prefer to go in agriculture sectors in government, semi government and private sectors. They appear in competitive examinations of Maharashtra state and seek their job in Agriculture department to serve the farming communities. Some of the Graduates get employment in Banks and serve on the agriculture related positions. Other students join the seed, fertilizer and pesticide companies with an ultimate aim to serve farming communities.

Many Graduate, each year, opt for admission to higher agriculture degree in/outside the state. The college work for the overall development of the students including their personality development, attitudes, positiveness which increases their employability.

6.5.8. I, the Associate Dean & Principal of College of Agriculture, Osmanabad hereby certify that the information contained in Section 6.5 to 6.5.7.4 are furnished as per the records available in the college and degree awarding university.



(D.S. Perke)
Associate Dean and Principal

ANNEXURE

मराठवाडा कृषि विद्यापीठांतर्गत उस्मानाबाद येथे
कृषि महाविद्यालय स्थापन करण्याबाबत.

महाराष्ट्र शासन

कृषि विद्यापीठ वृध्दवाचसाय विभाग ३, महाराष्ट्र शासन, मुंबई

शासन निर्णय क्रमांक:मकाव-२००१/२००२ व्हा.आर.३६/२००२

दिनांक ११.ऑगस्ट २००२

प्रास्ताविक :-

मराठवाडा विकासाच्या सुधारित कार्यक्रमांतर्गत मराठवाडा कृषि विद्यापीठ परभणोअंतर्गत उस्मानाबाद येथे कृषि महाविद्यालय स्थापन करण्याबाबतची याच अंतर्भूत आहे. त्यानुसार विद्यापीठाचे उस्मानाबाद येथे कृषि महाविद्यालय स्थापन करण्याबाबत सादर उल्लेख प्रस्ताव शासनाच्या विचारणीय होत.

२. शासन निर्णय :-

मराठवाडा कृषि विद्यापीठ परभणोअंतर्गत उस्मानाबाद येथे सन २०००-२००१ च्या शिकवणी व विकासात्मक कृषि महाविद्यालय स्थापन / कार्यान्वित करण्यास आणि सदर महाविद्यालयासाठी चालू आणि वर्षा सातत्याने परिशिष्ट "अ" येथे नमूद कालावधीत एकूण ४८ शिक्षक शिक्षकतेर पदे निर्माण करण्यास शासन मान्यता देत आहे. सदर ४८ पदांपैकी १० पदे विद्यापीठातील स्थायीजनांचे उपलब्ध करण्यास योग्यतेने पात्रता आणि उर्वरित ३८ पदे उपस्थान विभाग करण्यास पात्रता. अंतर्गत स्थायीजनांचे उरलेले ४ पदांसाठी मराठवाडा येथे १० पदे त्यांच्या मूळ जागेत आस्थापनायकने संपूर्णत आणण्याबाबत २००१-०२ च्या विद्यापीठाने तात्काळ निर्णयित करून त्याची प्रत शासनास पाठवणे. तसेच उपरोक्त शासनास प्रेषित दिनांक २०/०८/०१ रोजी प्राप्त झालेला याच आहत :-

(२.१) पर नमूद कालावधी शिक्षक / शिक्षकतेर पदे भरणावून प्रचालित शासन आदेश / कार्यपत्रांनी महाराष्ट्र कृषि विद्यापीठ आर्षांनयम १९८७ आणि महाराष्ट्र कृषि विद्यापीठ चारानयम १९९० च्यातील तरतुदी / आदेशांचा अवलंब करण्यात यावा.

(२.२) उपरोक्त महाविद्यालयासाठी जमीन जागा उपलब्ध करण्याबाबतची संपादनाची विनंतीपत्रांनी उस्मानाबाद आणि विद्यापीठाभाषेत सूत्र आहे. त्यामुळे दरम्यानच्या कालावधीत सदर महाविद्यालय नालपुरत्या स्वरुपात जिल्हातारखेद उस्मानाबाद येथेच मालकीची जमीन प्रशासनाची रिकामी इमारत अथवा /

In word No.....

सुविधेय शोध्या निवासस्थानाच्या इमारती ,आणि बहुउद्देशाय हायस्कूल, उस्मानाबाद वाच्या १५ एकर नामनावर मंजूर करण्यात यावे.

११.३) उपरोक्त महाविद्यालयाचा प्रारंभीचा प्रवेश क्षमता प्रलोकना ३२ विद्यार्थी राहिले. या महाविद्यालयासाठी आगस्ट २००० इमारती , मनुष्यबळ / पदे आणि इतर सोयी-सुविधा पारंपूर्णरित्या उपलब्ध झाल्यानंतर प्रवेश आता ६४ विद्यार्थी करण्यात येईल.

साडेचौदा कृषि महाविद्यालय उस्मानाबादसाठी चालू आर्थिक वर्षी सोबतच्या यादीप्रमाणे "ब"मधील नमुद निधीतूनच आगस्ट २००० ते डिसेंबर २०००साठी एकूण रु.४०.५० लाख आणि जानेवारी २००१ते मार्च २००१ साठी एकूण रु.१८१.८३ लाख म्हणजेच एकूण रु. २२२.३३ लाख खर्च अपेक्षित आहे. आगस्ट.२००० ते इतिहास २००० मधील एकूण रु.४०.५० लाख खर्च शासन ज्ञापन, वित्त विभाग क्रमांक आर/११००/३६ अर्थसंकल्प-१२, दिनांक १६ आगस्ट २०००, संश्लेषक मकत/क.क्र. २०००००६४ अन्वये अर्थसंकल्प विभागात मंजूर करण्यात आल्या एकूण रु.४०.५० लाख (रु.चाळीस लाख पन्नास हजार फक्त) खर्चाचे उपाययान शासन मंजूरी देत आहे. आर्कास्मिकता निधीतून मंजूर करण्यात रु.४०.५० लाख आगस्ट २००० पासून मार्च २००१ साठी आणि जानेवारी २००१ ते मार्च २००१ मधील एकूण रु.१८१.८३ लाख खर्चाचा अंदाजपत्रक तयार करण्यासाठी विधी मंडळाच्या आगामी हिवाळी अधिवेशनात (डिसेंबर २०००) एकूण रु.२२२.३३ लाख रक्कमचा पुरक मागणी सादर करण्यात यावी.

११.१) चालू आर्थिक वर्षी मंजूर केल्या उपरोक्त रकमेतून विविध जबाबदारी खर्च करताना प्रचालित शासन पत्रांक क्रमांक २३, महाराष्ट्र कृषि विद्यापीठ अधिनियम १९८३, परिचय १९९० आणि लेखा संहिता १९९१ अन्वये शासनाचे अवलंब करण्यात यावे.

११.२) उपरोक्त कृषि अधिकारी परभणी यांना शासन निर्णय, वित्त विभाग क्रमांक - जोआयए-११००/२०००/३०० दिनांक १५.१२.०० शासन निर्णय कृषि व सहकार विभाग क्रमांक एम/०५-१०७२/१८४७१/१०, दिनांक २०.१२.०० आणि शासन निर्णय, कृषि व पदम विभाग क्र. कृषि/०५-१९९८/सो.आर-११८/२०-अ, दिनांक १ आगस्ट, १९९८ मध्ये नमुद केल्याप्रमाणे विहित कार्यपध्तीचा अवलंब करून वरील पारच्छद क्र. ३ मध्ये मंजूर करण्यात आलेली रक्कम रु.४०.५० लाख (रु.चाळीस लाख पन्नास हजार फक्त) संबंधित कार्यांसाठी निधीतून काढून वापरणे शासनाच्या विद्यार्थी परभणी यांना अदा करण्याबाबत आवश्यक कार्यवाही करावी. अग्रिम धनानुन प्रत्यक्ष रु.४०.५० लाख पुरवठा मागणी अहवाल विद्यापीठाने संबंधित पोहोचल्याच्या १५ दिवसांतून शासनाच्या वित्त विभाग, कृषि विभाग, आणि सर्व संबंधितांना पाठवावी.

११.३) आर्कास्मिकता निधीतून खर्च करण्यासाठी उपरोक्त कृषि अधिकारी परभणी यांना संबंधित अंदाशात प्रत्यक्ष शासनाच्या रकमेतून खर्च करताना सादर करण्यात येणा-या दस्तऐवज " आर्कास्मिकता निधी अग्रिम निधीतून आगस्ट २००० वित्त विभाग क्र. आर/११००/३६ अर्थसंकल्प-१२ दिनांक १६ आगस्ट २०००, संश्लेषक

सफनाच क्रमांक ८००००३६४ अन्वये मंजूर असं लाल शाईने लिहावे. " अर्जे शब्द सुचना मः
आदेशात / प्रपत्रात अंतर्भूत करावी. व ही सुचना लाल शाईने अधोरेखित करावी.

(५.१) शासन परिपत्रक वित्त विभाग, क्रमांक-साएनएफ-१०८६/१५३ अधसंकल्प-३, दिनांक
०२ ऑगस्ट, १९८६ अन्वये दिलेल्या सूचनांची व त्यामधील परिच्छेद २ (१) अन्वये दिलेल्या सूचनांची
तसेच शासन परिपत्रक वित्त विभाग क्रमांक-साएनएफ-१०८३/१४०/अधसंकल्प-३, दि. २६ एप्रिल, १९८६
मधील सूचनांची अंमलबजावणी काटेकोरपणे करावी.

६ यांप्रत्येक्या चालू आर्थिक वर्षातील खर्च खालील लक्षांशाखांखाली दर्शवण्यात यावा:-
मागणी क्रमांक टी-८

२४१५ कृषि विषयक संशोधन व शिक्षण
०१-पीक संवर्धन,

१२० इतर संस्थांना सहाय्य,

१२० (दोन) पंचवार्षिक योजनांतर्गत योजना- राज्य योजनांतर्गत योजना,

१२० (दोन) (चार) मराठवाडा कृषि विद्यापीठाला सहाय्यक अनुदाने (योजनांतर्गत)

४१ सहाय्यक अनुदाने (२४१५ ०१०५)

७ हा शासन निर्णय वित्त विभागाच्या सहयताने त्या विभागाचा अनौपचारिक संदर्भ
क्र.प्रक्र. ४०९/२०००/व्यय-१ दिनांक २ ऑगस्ट, २००० अन्वये निर्गमित करण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार स नांवाने,

(रा. नु. जाधव)

शासनाचे अवर सचिव

प्रत:

ना. राज्यपाल - नि- कुलपती (कृषि विद्यापीठ) राजभवन, मुंबई.

मा. मुख्यमंत्री यांचे सचिव, मंत्रालय, मुंबई.

मा. कृषिमंत्री यांचे खाजगी सचिव, मंत्रालय, मुंबई.

मा. राज्यमंत्री (कृषि) यांचे खाजगी सचिव, मंत्रालय, मुंबई.

ना. उपाध्यक्ष, महाराष्ट्र कृषि शिक्षण व संशोधन परिषद, पुणे.

सदस्य सचिव, महाराष्ट्र कृषि शिक्षण व संशोधन परिषद, पुणे.

कुलगुरु, महात्मा फुले कृषि विद्यापीठ राहुरी, जि. अहमदनगर.

कुलगुरु, डॉ. पंजाबराव देशमुख कृषि विद्यापीठ, अकाला.

कुलगुरु, मराठवाडा कृषि विद्यापीठ, परभणी.

कुलगुरु, काकण कृषि विद्यापीठ, दापोली, जि. रत्नागिरी.

निर्गमक, मराठवाडा कृषि विद्यापीठ, परभणी (५ प्रती)

कुलसचिव, मराठवाडा कृषि विद्यापीठ, परभणी.

आयुक्त (कृषि) महाराष्ट्र राज्य, पुणे.

आयुक्त (पशुसंवर्धन) महाराष्ट्र राज्य, पुणे.

आयुक्त (मत्स्यव्यवसाय), महाराष्ट्र राज्य, मुंबई.

महालेखापाल-१ (लेखा परिक्षा) लेखा व अनुसंधान, मुंबई (प्रत्येकी ३ प्रती)

