

# SELF STUDY REPORT (2018-2023)



Submitted to

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



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



# Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani



## **Dr. Indramani Mishra**

Vice- Chancellor

Vasant Rao Naik Marathwada Krishi Vidyapeeth,  
Parbhani-431 402

## **FOREWORD**

The Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani is renowned Agricultural University in India. The College of Agriculture, Badnapur is one of the constituent colleges of the university. The college was established in March, 2000 with the mandate of teaching, research and extension with emphasis for solving problems of the farming community in the region. The college has unique location in Marathwada near Aurangabad city and is known as gate way of this Agriculture University. Since its establishment college has made sincere efforts in the development of skilled manpower with quality education. The college has significant contribution in delivering best academic atmosphere at the remote place like Badnapur, which is seen by its academic results and success at national level examinations.

The Indian Council of Agricultural Research, New Delhi aids, promotes and co-ordinates Higher Agriculture Education in India. Accreditation is a process of assuring an acceptable institutional quality and it is a tool for improving educational standards. The process intends to improve and sustain the quality and relevance of education and it is for improving employability and marketability of students nationally and internationally. The college of Agriculture, Badnapur is keen in accreditation for which the, said Self-Study Report has been prepared, as per the guidelines for Accreditation of Higher Agricultural Educational Institutions given by ICAR. The Preparation of this report was a difficult task and the staff performed the job very critically with the immense efforts to bring out this report. Special efforts taken by Dr. R. D. Ahire, Dean and his team to bring out this report within stipulated time are well appreciated. The college has been accredited by ICAR for earlier cycles (2008-13, 2015-2018 and 2018-2022). I am proud to submit the self study report to the National Agricultural Education Accreditation Board ( NAEAB), New Delhi for reaccreditation to current cycle.

Place : VNMKV, Parbhani

Date :

**Indramani**  
**( Vice- Chancellor)**



# Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani



**Dr. Dharmraj Gokhale**  
Ex. Director of Instruction & Dean (F/A)  
Vasant Rao Naik Marathwada Krishi Vidyapeeth,  
Parbhani-431 402

## PREFACE

The Agriculture sector is the backbone of India and only two Agriculture colleges were established earlier in Marathwada region of Maharashtra under the jurisdiction of Vasant Rao Naik, Marathwada krishi vidyapeeth, Parbhani. Taking in to consideration of the local demand of Jalna and Aurangabad districts, the College of Agriculture Badnapur was established in 2000 with the mandate of Teaching, Research and Extension education as prime activities. This helped to develop and cater the knowledge and skills of the students undergoing B.Sc.(Hons.)Agriculture undergraduate programme. The college has started post graduate programme leading to M.Sc.(Agri./Hort.) in 2013-14. At present the post graduate programme is implemented in six disciplines.

The college has well developed infrastructure facilities like lecture halls, well equipped laboratories, instructional farm, boy's hostel girl's hostel and play grounds etc. The college students have significant reputation at national level exams like JRF / SRF/ CAT by securing top slots in last 10 years. The common syllabus on all India basis has been implemented for B.Sc. (Hons.) Agriculture as per the directives of V<sup>th</sup> Deans committee recommendations.

The graduates of this college since last 18 years have been successful in achieving the higher posts in ICAR, Central and State Government's administration, State department of Agriculture, Home, Rural development, Co-operation, Agricultural Universities, Non-governmental Organizations, Co-operative sector, Banking and Marketing organization. Some of graduates are engaged in farming and achieved highest proficiency in Hi-Tech Agriculture. Moreover, few of them are established entrepreneurs in agro-based industries.

The human resource is being developed by sending faculty members to summer /winter schools, short courses to update their knowledge. Similarly faculty is allowed to take part in seminars, conferences, symposium at national and international level for exposure in scientific community.

It gives me immense pleasure to submit the self study report (SSR) of our college to National Agricultural Education Accreditation Board (NAEAB) for re-accreditation in compliance with our LOI requirements for further quality sustenance, enhancement and improvement of college. This exercise provides us an opportunity to review us and analyze the institutional progress after accreditation and further strengthening in our quest of for quality and better performance.

The report is the outcome of the collective efforts of the entire faculty members. I deeply appreciate the involvement and sincere, collaborative efforts of entire college team. Being a reputed institution of Agriculture education, the college is striving hard to carve a niche for itself on the global education map by adopting innovative initiatives, acquiring new skills and employing new techniques.

**( D. N. Gokhale)**  
**Director of Instruction & Dean (F/A)**



# Vasantha Naik Marathwada Krishi Vidyapeeth, Parbhani



**Dr. Rakesh Ahire**

Dean

College of Agriculture, Badnapur- 431202

## ACKNOWLEDGEMENT

I am very privileged and happy to bring out the self study report of Agriculture College, Badnapur for its accreditation & it was a very crucial and gigantic task. Hon. Vice-Chancellor Dr. Indramani, VNMKV, Parbhani bestowed the responsibility of this report. I express my sincere thanks for his guidance and critical inputs for preparation of this Self Study Report. It would have been very difficult to acquire the information and complete the report without guidance of Ex. Director of Instruction & Dean (F/A) Dr. D. N. Gokhale, & Dr. U. M. Khodke Director of Instruction & Dean (F/A) VNMKV, Parbhani. So, my sincere thanks to him for timely guidance and help.

I gratefully acknowledge the contribution made by Dr. Sunil Mane; Dr. Kiran Jadhav; Dr. Sanjay Supekar and Dr. Archana Chaudhari senior faculty members of this college and all my painstaking members of Self Study Report preparation committee. I put on record my sincere thanks to all those who directly or indirectly helped us in preparation of this Self Study Report for accreditation. I appreciate the efforts taken by all faculty members of College of Agriculture, Badnapur for devoting extra time, scrupulously compilation of data, putting it in an appropriate manner and making the excellent Self Study Report of this college.

I hope that this report will serve the purpose of providing brief limelight and necessary information of this college.

**Dr. R. D. Ahire**

Dean

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## **6.4 Self Study Report for the College of Agriculture, Badnapur Dist. Jalna**

### **6.4.1. Brief History of the B.Sc. (Hons.) Agriculture:**

Agricultural research in the Marathwada region of Maharashtra was laid by the erstwhile Nizam State with the commencement of the main experimental farm in 1918. In this region, the first college of Agriculture was established at Parbhani, affiliated to Osmania University, in 1956 by Hyderabad State Government before state reorganization. The Vasantrya Naik Krishi Vidyapeeth, Parbhani (Marathwada Krishi Vidyapeeth was the name in the past) was established in 1972 on land grant pattern at Parbhani to fulfill the regional aspiration of agrarian growth. It is entrusted with the responsibilities to provide education in Agriculture and allied fields, undertake research, and facilitate technology transfer in the Marathwada region of Maharashtra. The university has jurisdiction over districts of Aurangabad, Beed, Hingoli, Jalna, Latur, Nanded, Osmanabad, and Parbhani of Marathwada region comprising 21 percent area (64.50 Lakh ha.) of Maharashtra State.

College of Agriculture, Badnapur Dist. Jalna has been established as one of the six constituent agriculture colleges of Vasantrya Naik Marathwada Krishi Vidyapeeth, Parbhani. The college was founded in the year 2000 vide resolution of the government of Maharashtra, Agriculture, Animal Husbandry and Dairy and Fishery department bearing number MKV/1299/77/20A dated 29<sup>th</sup> March 2000 under the scheme entitled “Establishment of Agricultural College, Badnapur dist. Jalna”. It is geographically located in the Marathwada region of Maharashtra and is situated between Aurangabad and Jalna cities at 9.50 latitude and 7.53 longitudes with an altitude of 523 meters above MSL. The college is well-connected with air, road and railway facilities. It is 2.5 km away from Badnapur railway station on the Manmad - Secunderabad route of the south-central railway division.

Practically functioning of this college commenced in the academic year 2000-2001. The college was housed earlier in the existing building of ARS, Badnapur with four lecture halls and one small multipurpose block. Initially, the college offered an undergraduate program of B. Sc. (Agri.) up to 2013. Since 2017 the college has been offering undergraduate B.Sc. (Hons.) Agriculture degree program. From the academic year 2017-18, the academic curricula of said academic programs are revised as recommended by the V<sup>th</sup> Dean’s Committee report of ICAR.

<b>Sr. No.</b>	<b>Educational programme</b>	<b>Duration ( Year)</b>	<b>Semesters</b>
1	B. Sc. (Hons.) Agriculture	04	08



The college of Agriculture, Badnapur is funded and managed by Maharashtra Government through Vasant Rao Naik, Marathwada Krishi Vidyapeeth, Parbhani. Most of the students of this college are from rural and socially deprived sections. Without the existence of this college, at least 10.00 per cent of students from this region would have been disconnected from their studies. Hence, college bears the moral obligation to provide quality education. The college has a clear vision, mission, and objectives for qualitative development in agricultural education as the top priority and thus functions towards its attainment.

### **Mission statement:**

1. To provide higher agriculture education.
2. To fulfill the regional demand for agriculture graduates.
3. To make available agri. technocrats for regional agricultural development.
4. To train the rural youths and encourage agricultural entrepreneurship amongst students.
5. To disseminate agriculture technology among the farming community.

### **Objectives:**

1. To fulfill the demand for Agriculture graduates.
2. To impart educational training in the field of Agriculture.
3. To train students about research on different components.
4. To train the rural youth and encourage them for self-employment.
5. To disseminate Agricultural production technologies through extension activities.

### **Accomplishments:**

As per the norms laid down by ICAR all faculty members implement the required teaching load efficiently. Since its establishment, a total of 900 undergraduate students have passed from this college. The statement showing the number of students admitted and completed the degree program is as under.

**Table No. 1. Number of admitted and passed out students B.Sc.(Hons.) Agriculture**

Sr. No.	Year	Number of students	
		Admitted	Passed
1.	2018-19	70	64
2.	2019-20	81	60
3.	2020-21	73	63
4.	2021-22	77	81
5.	2022-23	142*	71

\*Intake capacity of students had increased from 60 to 120.

All UG departments are keen to conduct need-based practicals which lead the student towards entrepreneurial knowledge and skill development *Viz*; preparation of project proposal on mushroom production, sericulture unit, nursery, organic inputs, the establishment of biocontrol lab, soil testing lab, protected cultivation, green technology, dairy unit, poultry and goat unit. The government of Maharashtra has emphasized secondary agriculture such as processing units of fruit and vegetable, milk and food grains. Various practicals in similar lines were conducted. The exposure visits for students through educational tours, Student READY/ RAWE Program and Experiential Learning modules are organized to various seed industries, cooperative societies, fruit, vegetables and grain processing units etc. to encourage them for self-employment.

The teaching staff of various sections carry out need-based research as per the finalization of topics in the Research Planning Committee of the University. Apart from this faculty is submitting ad-hoc research projects to various funding agencies.

The teaching staff of this college is actively participating in different extension activities like farmer rallies, group discussions, diagnostic field visits, *maza ek diwas mazya balirajasathi* (one day on farmers field), method demonstration on INM, IPM, IDM, seed treatment, preparation of bordeaux mixture, germplasm collection, rouging in seed production etc. The college also conducts a training program on the safe use of agrochemicals and food poisoning. *Rabi* farmer melas are organized regularly to disseminate university technologies among farmers. The faculty of this college also participates in the programmes and farmers rallies organized by the state department of agriculture as subject matter specialists.

**Table No. 2. Academic performance (Result) of students (2018-19 to 2022-23)**

Below table shows the degree awarded Students academic performance with following accomplishment

<b>Year</b>	<b>First Class With Distinction</b>	<b>First Class</b>	<b>Second Class</b>	<b>Total</b>
2018-19	01	28	35	64
2019-20	01	25	34	60
2020-21	07	35	21	63
2021-22	07	67	07	81
2022-23	41	27	03	71

1. Akhila Reddy, B. Sc. (Agri.) (2018-22), student admitted for Higher Studies (MBA) at Sacred Heart University, USA
2. Two students got SRF *Viz.*, Shivam Patil (2020-21) for GPB at AAU, Gujarat and Shri ganesh Sarjane (2021-22) for Plant Pathology at Jhansi, UP.
3. Two students got ICAR JRF out of which Bhushan Deshmukh (2020-21) got admission and JRF for PG Agronomy at Kerala Agricultural University, Thrissur and Dnyaneshwar Shinde got admission and JRF for PG Agricultural Entomology at Pusa, Bihar.
4. During 2023-24 total 34 students got admitted for PG in Agriculture out of which 24 students got PG admission through MCAER and 10 students got admissions through ICAR and various SAU entrance examinations across the country and one student Lal Khan Pathan got JRF and PG admission for GPB at Pusa Bihar.
5. Shri. Yogeshkumar Shrikhande had established vegetable nursery with annual turnover of Rs 1.50 crores from the year 2020 and supplying genuine planting material among the farmer.
6. As per placement during the period of 2018-19 to 2022-23, seven students got employment in government banking sector, 5 students selected through Maharashtra State Public Service Commission, 27 students selected for various government jobs, 44 students selected in the private sector and 16 students are self employed.
7. Sericulture and mushroom units were established during 2019-20 as ELM units to develop entrepreneurship abilities among the UG students.
8. Dissemination of various technologies developed by VNMKV, Parbhani was done through students READY/RAWE Programme.
9. The UG Students won laurels in various academic, cultural, sports, events at regional, university and inter university competitions.

**Staff Awards/Recognitions/Certificates:**

1. Dr. D.K. Patil and Dr. V.K. Gitte received prestigious Radha Kishan Shanti Malhotra Award for the year 2021-22.
2. Dr. A.A. Chaudhari received best paper presentation award in National Conference held at Beed during 2020
3. Dr S. B. Pawar, best poster presentation award at ISPP West Zonal seminar on emerging trends in plant physiology for crop production under climate change scenario organized by M.P.K.V Rahuri.

4. Dr. K. T. Jadhav, Associate Professor of Agronomy received appreciation letter for seed production, campus beautification and overall contribution in university work from Hon. Vice Chancellor, VNMKV, Parbhani.
5. Dr. D. K. Patil, Officer Inchargr ARS, Badnapur received appreciation letter for outstanding research work and overall contribution in university work from Hon. Vice Chancellor, VNMKV, Parbhani.
6. Dr. M. B. Patil, Officer Inchargr FRS, Aurangabad received appreciation letter for overall contribution in university work from Hon. Vice Chancellor, VNMKV, Parbhani.
7. Dr.S.B.Pawar, ADR, NARP, Aurangabad, received appreciation letter for outstanding extension work and overall contribution in university work from Hon. Vice Chancellor, VNMKV, Parbhani.
8. Dr. S. G. Patil, Officer Incharge, SORS, Badnapur received appreciation letter for seed production, Germplasm collection and overall contribution in university work from Hon. Vice Chancellor, VNMKV, Parbhani.
9. Shri. G. D. Giri, Agriculture Assistant received appreciation letter for seed production work from Hon. Vice Chancellor, VNMKV, Parbhani.
10. Dr. N. D. Deshmukh Assistant Professor of Extension Education received best poster presentation award at IPS seminar at Latur.

**Table No. 3. Details of Seed production Program of COA, Badnapur during 2018-2023**

The college has 40.00 ha. of land, on which various buildings, hostels, demonstration units, farm sections, PG experiments, and seed production programmes are undertaken. The details of seed production programs are as follows:

Sr. No.	Crop	Variety	Stage	Area (ha.)	Yield (Quintals)
<b>2018-19</b>					
1	Soyabean	MAUS – 71	Breeder	2.0	07.50
2	Red gram	BDN – 711	Breeder	2.0	12.00
3	Gram	BDNG - 797	Foundation	2.0	06.00
<b>2019-20</b>					
1	Soyabean	MAUS – 71	Breeder	2.0	22.50
2	Red gram	BDN – 711	Breeder	3.0	23.50
3	Red gram	BDN – 711	Foundation	2.0	16.00
4	Gram	BDNG - 797	Certified	2.0	10.50
<b>2020-21</b>					
1	Green gram	BM2003 –2	Foundation	2.40	07.20
2	Red gram	BDN – 711	Certified	4.0	14.40
3	Gram	BDNG - 797	Breeder	2.0	13.23

2021-22					
1	Green gram	BM2003 –2	Breeder	2.0	09.13
2	Red gram	BDN – 711	Foundation	4.0	28.38
3	Gram	BDNG - 797	Breeder	2.0	24.18
4	Gram	BDNG - 797	Truthful	2.0	02.51
2022-23					
1	Green gram	BM2003 –2	Breeder	2.0	17.50
2	Red gram	BDN – 711	Breeder /truthful	4.0	09.00
3	Gram	BDNG - 797	Breeder	3.0	35.00

#### 6.4.2 Faculty Strength:

Sr No	Cadre	No of Sanctioned Faculty	Faculty in place	Teaching Faculties from other establishments of University	Vacant position	Faculty recommended by ICAR/UGC/VCI / Other regulatory bodies	Deviation %
1	Dean	01	01 <sup>@</sup>	----	---	01	00
2	Professor	00	00	03	00	03	-100
3	Associate Professor	05	05	08	00	08	-37.50
4	Assistant Professor	12	10	12	02	34	-29.42
5	Assistant Professor (Ad-hoc)	00	03	01	--	--	
6	Assistant Professor (Contractual)	00	03	--	--	--	
<b>Total</b>		<b>18</b>	<b>22</b>	<b>24</b>	<b>02</b>	<b>46</b>	<b>-34.79</b>

#### Posts of Professor not sanctioned at college

@ Incharge Dean deputed from College of Agriculture, Parbhani.

**Table No. 4. a) Department wise name, designation and qualification of faculty members**

Sr No	Name of Staff	Designation	Qualification	Remarks
1	Dr. R. D. Ahire	Dean	M.Sc.(Agri.) Ph.D. NET	
Department of Agronomy				
2	Dr. K. T. Jadhav	Associate Professor [Professor (CAS)]	M.Sc. (Agri.) Ph.D.	ARS, Badnapur
3	Dr. P. A. Pagar	Assistant professor	M.Sc. (Agri.) Ph.D. NET	
4	Dr. P. G. Chavan	Assistant professor	M.Sc. (Agri.) Ph.D.	
5	Dr. S. B. Kadam	Assistant professor	M.Sc. (Agri.) Ph.D. NET	ARS, Badnapur
6	Dr. D. S. Kamble	Assistant professor	M.Sc. (Agri.) Ph.D.	KVK, Badnapur

7	Dr. B. K. Sathe	Assistant Professor (Ad-hoc)	M.Sc. (Agri.) Ph.D. NET	
<b>Department of Agriculture Botany</b>				
8	Dr. B. G. Kamble	Associate Professor	M.Sc.(Agri.)Ph.D.	
9	Dr. S. B. Sarode	Associate Professor (CAS)	M.Sc.(Agri.)Ph.D. NET	
10	Dr. S. B. Pawar	Assistant professor	M.Sc.(Agri.)Ph.D.	ARS, Badnapur
<b>Department of Agril. Entomology</b>				
11	Shri. B.V. Patil	Associate Professor	M.Sc.(Agri.)	
12	Dr. A. L. Suradkar	Assistant professor	M.Sc.(Agri.)Ph.D. NET	
<b>Department of Agricultural Economics</b>				
13	Shri. Abdul Qudir	Assistant professor	M.Sc.(Agri.) NET	
14	Dr. G. W. Khorane	Assistant Professor (Ad-hoc)	M.Sc.(Agri.)Ph.D. NET	
<b>Department of Extension Education</b>				
15	Dr. N. D. Deshmukh	Assistant Professor	M.Sc. (Agri.) Ph.D. NET	
16	Dr. R. L. Kadam	Scientist	M.Sc. (Agri.) Ph.D. NET	KVK, Badnapur
<b>Department of Animal Husbandry and Dairy Science</b>				
17	Dr. M. U. Tanpure	Assistant professor	M.Sc.(Agri.)Ph.D.	
18	Dr. B. C. Andhare	Assistant professor	M.Sc.(Agri.)Ph.D.	
19	Dr. Farooq Tadvi	Assistant professor	M.Sc.(Agri.)Ph.D.	KVK, Badnapur
<b>Department of Horticulture</b>				
20	Dr. S. G. Patil	Associate Professor	M.Sc. (Horti.)Ph.D.	SORS, Badnapur
21	Shri. U. M. Naglot	Assistant Professor	M.Sc. (Horti.)	
<b>Department of Plant Pathology</b>				
22	Dr. D. G. Hingole	Associate Professor	M.Sc.(Agri.) Ph.D. NET	NARP, Aurangabad
23	Dr. S. V. Pawar	Assistant Professor	M.Sc.(Agri.) Ph.D. NET	
24	Dr. P. L. Sontakke	Assistant Professor	M.Sc.(Agri.) Ph.D. NET	ARS, Badnapur
<b>Department of Soil Science and Agricultural chemistry</b>				
25	Dr. S. S. Mane	Associate Professor [Professor (CAS)]	M.Sc. (Agri.) Ph.D.	
26	Dr. G. K. Gaikwad	Assistant Professor [Associate Professor (CAS)]	M.Sc. (Agri.) Ph.D.	COA, Parbhani
27	Dr. S. K. Ugile	Assistant Professor	M.Sc. (Agri.) Ph.D.	
28	Dr. G. U. Karad	Assistant Professor (Ad-hoc)	M.Sc. (Agri.) Ph.D.	
<b>Department of Agril. Engineering</b>				
29	Dr. S. J. Supekar	Assistant Professor [Associate Professor (CAS)]	M. Tech. Ph.D.	
30	Dr. A. A.	Assistant Professor	M.Sc.(Maths) Ph.D.	

	Chaudhari		B.Ed.	
31	Dr. D. F. Rathod	Associate Professor	M. P. Ed. Ph.D.	COA, Parbhani
<b>Visting faculty</b>				
32	Shri.Kailash Bhalerao	Assistant Professor(Contractual)	M.Sc. (Agri.) NET	
33	Smt. Ashwini Bhosale	Assistant Professor(Contractual)	M.Sc. (Agri.) NET	
34	Smt. Naziya Siddiqui	Assistant Professor (Contractual)	M.A.(English)B.Ed.	
35	Ashish Anerao	Assistant Professor (Contractual)	M.Sc. (Stat.)	Dr. BAMU Aurangabad
36	MadhaviBhaladare	Assistant Professor (Contractual)	M.Sc. (Hort.)	

**Table No. 4. b) Contractual Staff Employed for Completion of Curricula**

**(i) Assistant Professor (Ad hoc)**

S.No	Name of employees	Designation	UG Teaching
1	Dr.G. W. Khorne	Assistant Professor (Ad hoc)	Ph.D. (Agri.)Agril. Econ. NET
2	Dr. R. K. Sathe	Assistant Professor (Ad hoc)	Ph.D. (Agronomy)
3	Dr. G. U. Karad	Assistant Professor (Ad hoc)	Ph.D. (Agri.) SSAC
4	Shri. K. V. Swami	Assistant Professor (Ad hoc)	M. Sc. (Agri.) Plant Pathology NET
5	Dr. P. Lakshmipriya	Assistant Professor (Ad hoc)	Ph.D. (Agri.) Agril. Econ. NET
6	Shri. A. V. Bhalerao	Assistant Professor (Ad hoc)	M. Sc. (Horti.) NET

**(ii) Assistant Professor (Contractual)**

S.No.	Year	Name	Credentials	Subject
1	2018-19	Dr. Ashish Anerao	M. Sc. Ph. D.(Stat.)	Statistics
2		Smt. S. P. Kokate	M.A. English B.Ed.	LANG-111
3		Smt. Madhavi Bhaladare	M.Sc.(Hort.)	FST-362
4		Shri. Sanjay Dharmadhikari	M.Sc.(Hort.)	FRST-121
5		Shri. A. D. Satpute	M.A. B.P.ED	PHEY-111
6	2019-20	Dr. Ashish Anerao	M. Sc. Ph. D.(Stat.)	Statistics
7		Shri. Vijaykumar Suradkar	M.A. (English)B.Ed.	LANG-111
8		Smt. Madhavi Bhaladare	M.Sc.(Hort.)	FST-362
9		Shri. Sanjay Dharmadhikari	M.Sc.(Hort.)	FRST-121
10		Smt. Dhanashri Gaikwad	Ph. D.(Phy. Edu)	PHEY-111

11	2020-21	Dr. Ashish Anerao	M. Sc. Ph. D. (Stat.)	Statistics
12		Smt. Madhavi Bhaladare	M.Sc. (Hort.)	FST-362
13		Smt. Naziya Siddiqui	M.A. (English) B.Ed.	LANG-111
14		Smt. Madhavi Bhaladare	M.Sc. (Hort.)	FRST-121
15	2021-22	Smt. Ashwini Bhosale	M.Sc.(Hort.)	FST-362
16		Shri. Kailas Bhalerao	M.Sc.(Hort.)	FRST-121
17		Smt. Naziya Siddiqui	M.A. (English)B.Ed.	LANG-111
18	2022-23	Smt. Ashwini Bhosale	M.Sc.(Hort.)	FST-362
19		Shri. Kailas Bhalerao	M.Sc.(Hort.)	FRST-121
20		Smt. Naziya Siddiqui	M.A. (English)B.Ed.	LANG-111

#### 6.4.3. Technical and Supporting Staff:

Sr. No.	Cadre	Sanctioned Tech and Supp Staff	In place Tech and Supp Staff	Vacant Position	Technical Supporting recommended by ICAR/UGC/VCI/ Other regulatory bodies	and Staff by Other	Deviation %
1	Senior Research Assistant	02	02	00	---		100.00
2	Junior Research Assistant	----	01**	----	---		100.00
3	Agril. Assistant	03	03	00	24		-87.50
4	Lab Attendant	05	01+01*	03	19		-89.44
5	Driver	03	01+01*	01	---		100.00
6	Peon	02	01*	01	---		100.00
7	Watchman	02	01+01*	00	---		100.00
8	Mazdoor/ Farm Labour	10	05+05*	00	---		100.00
9	Sweeper	02	01*	01	---		100.00
<b>Total</b>		<b>29</b>	<b>24</b>	<b>06</b>	<b>43</b>		<b>-44.19</b>

\*Services on contractual basis.

\*\*Service deputed from Cost of Cultivation, Parbhani.

**Above all technical and supporting staff utilized for UG and PG programmes.**



**Table No. 5. Name, designation and qualification of technical and supporting staff.**

<b>Sr No</b>	<b>Name</b>	<b>Designation</b>	<b>Qualification</b>
1	Shri. K. R. Kardile	Senior Research Assistant	M.Sc. (Agri)
2	Ms. A. B. Ghanwat	Senior Research Assistant	M.Sc. (Hort.)
3	Ms. S. M. Zambre	Junior Research Assistant	M.Sc. (Biotechnology)
4	Shri. C. H. Dhembre	Agril. Assistant	Diploma in Agriculture
5	Shri. G. D. Giri	Agril. Assistant	Diploma in Agriculture
6	Shri. V. P. Salve	Agril. Assistant	Diploma in Agriculture
7	Shri. B. S. Jondhale	Lab Attendant	XII Pass
8	Shri. B. K. Bramhane	Lab Attendant	Diploma in Agriculture
9	Shri. N. A. Karhale	Electrician	X Pass and ITI Pass
10	Shri. M. M. Kamble	Driver	X Pass and ITI Pass
11	Shri. S. V. Kale	Driver	X Pass
12	Shri. K.N. Nikam	Watchman	VIII Pass
13	Shri. ManikGajar	Watchman	V Pass
14	Shri. Anil Kamble	Peon	VII Pass
15	Shri. S. S. Chauthmal	Sweeper	VII Pass
16	Shri. P.T.Jondhale	Mazdoor	IX Pass
17	Shri. M. N. Dhage	Mazdoor	X Pass
18	Shri. N. B. Shelar	Mazdoor	XII Pass
19	Shri. P. S. Shinde	Mazdoor	XII Pass
20	Shri. A. R. Kamble	Mazdoor	XII Pass
21	Shri. V. W. Thombre	Mazdoor	IV Pass
22	Smt. M. S. Chalge	Mazdoor	IV Pass
23	Smt. S. A. Borde	Mazdoor	IV Pass
24	Smt. M. D. Hiwale	Mazdoor	IV Pass
25	Smt. G. K. Jarhad	Mazdoor	IV Pass

**6.4.4. Classrooms and Laboratories:**

**Information on classroom for UG Program at college of Agriculture Badnapur**

**a. Classrooms:**

The college has a spacious building of 5700 sq.m built-up area with a separate farm section, horticulture building, and multipurpose blocks. The college has well furnished 03 UG Classrooms for 100 students each, equipped with audio-visual aids facility. The college is having 02 e-class rooms with an ICT facility, e-class rooms are equipped with sophisticated teaching learning software(whiteboard), an LCD projector with an interactive board, and a podium with a mike system.

**Table No. 6. Number of Class rooms with seating capacity and facilities available.**

Sr No	Name of Class room	Space	Seating capacity	Facilities available
1	UG Lecture Hall No 1	380 sq.ft.	100	Curricula delivery through IT
2	UG Lecture Hall No 2	470 sq.ft.	100	Sophisticated LCD projector, Interactive Board, Podium and Mike system.
3	UG Lecture Hall No 3	380 sq.ft.	100	Curricula delivery through IT
4	2 Smart e- class rooms.	150 sq.ft.	60 each	Sophisticated teaching learning software(whiteboard),LCD projector, Interactive Board, Podium with Mike system.

**b. Laboratories:**

All departments have well-equipped laboratories with modern facilities for both basic and applied research with specialized facilities for Agronomy, Agricultural Chemistry, and Agril. Entomology, Plant Pathology, Agril. Engineering, Agril. Botany, Horticulture, and Social Sciences are available. All these laboratories are being utilized for conducting practicals, and hands-on training for the UG program.

**Table No. 7. Department wise functional laboratories, space, and seating capacity.**

Sr. No	Section	No. of Units	Space / Area Available in Sq.ft.	Seating capacity
1	Agronomy	01	600	35
2	Agril Botany	01	1200	60
3	Agril Entomology	01	1200	60
4	Agril Extension	01	200	30
5	Agril Economics	01	400	60
6	Animal Husbandry and Dairying science	01	1600	70
7	Agril Engineering and Computer Lab	02	1200 each	60

8	Horticulture	01	800	60
9	Plant Pathology	01	1200	60
10	Soil Science and Agril. Chemistry	01	1200	60

**c) Information on List of major equipments available for UG Degree Programme.**

**Table No. 8. Department wise List of major equipments available for UG Degree Programme.**

Sr. No	Name of equipment	No
<b>Agronomy</b>		
1	Hot Air Oven	01
2	Distillation unit	01
3	Leaf area meter	01
4	Rain Guage (Automatic)	01
5	Rain Guage (Manual)	01
6	Soil Thermometer	01
7	Wet bulb Thermometer	01
8	Dry bulb thermometer	01
9	Max. thermometer	01
10	Min. thermometer	01
11	Tube Augar	01
12	Bucket Augar	01
13	Moisture boxes	01
14	Weighing Balance	01
15	Drip irrigation system	01
16	Sprinkler irrigation system	01
17	V notch	01 Set
18	Top pan balance	01
19	Meter scale	01
20	Sprayer	01
21	Cup anemometer	01
22	Soil thermometer	01
<b>Genetics and Plant Breeding</b>		
1	Student's microscope	10
2	Binocular Microscope	03
3	Monocular microscope	02
4	Arc Auxanometer	01
5	Purity Work Boards	02
6	Wooden sieves box	01
7	Stick Tires	03
8	Speed regulators	01
9	Seed germinator Indsaw make	01
10	Hot Air Oven	01
11	LCD Projector	01
12	Autoclave	01
13	Leaf area meter	01
14	Slides (mitosis and meiosis)	01
15	Seed divider	01

16	Digital pH meter	01
17	Glass distillation unit	01
18	Seed separators	01
19	Seed counter	01
20	Seed germinator	01
21	Hot air seed dryer	01
22	Seed dryer Horizontal	01
<b>Soil Science and Agriculture chemistry</b>		
1	Electronic Top Pan Balance (1g Capacity)	02
2	Hot Air Oven	01
3	pH Meter	02
4	EC Meter	02
5	Hot Plate	01
6	Distilled Water Unit	02
7	Water Bath	01
8	Rotary Shaker	02
9	Digestion Block	01
10	Spectrophotometer	01
11	Flamephotometer	01
12	Muffle furnace	02
13	Digestion unit	01
14	Distillation unit	01
15	Magnetic stirrer	01
16	Heating coils	04
17	Physical weight balance	04
18	Soil augers	06
<b>Plant Pathology</b>		
1	Autoclave	02
2	Hot air oven	01
3	BOD Incubator	02
4	Laminar Air Flow	01
5	Mechanical shaker	01
6	Students' microscope	15
7	Binocular microscope	04
8	Precision balance	01
9	Micro oven	01
10	Herbarium collection box	01
11	Herbarium press	01
12	Colony counter (Mechanical)	01
13	Colony counter (Digital)	01
14	Ultra centrifuge	01
15	ELISA reader	01
16	ELISA washer	01
17	Conductivitymeter	01
18	Glass slides of various genera of fungi, bacteria.	01
19	Refrigerator	01
<b>Agricultural Entomology</b>		
1	Stereo -Binocular microscope	02

2	Insect collection box	70
3	Insect collection net	50
4	Insect collection bottles	50
5	Insect collection big wooden Showcase	01
6	Wall showcase for insect display	03
7	Electronic weighing balance	01
8	Solar light trap	04
9	Light trap (NCIPM)	01
10	Electric light trap	02
11	Knapsack sprayer	02
12	Duster sprayer	01
13	Compression sprayer	02
14	Ganesh sprayer	01
15	Foot sprayer	02
16	Vinyl Board	40
17	Hanging Charts	45
18	Student microscope	16
19	Corcyra sterilization chamber	01
20	Corcyra rearing cages	14
21	Egg laying cages	05
22	Insect dissection tray	30
23	Specimen tube cabinet	01
24	Insect showcase cabinet (24 boxes)	01
25	Chart holder cabinet	01
26	Silkworm rearing wooden trays	18
27	Silkworm rearing Iron racks	06
28	Silkworm rearing plastic tray trays	06
29	Pressure sprayer	04
30	Mulberry pruner	02
31	Secateurs	04
32	Room heater	01
33	Different sieves 60,150 and 300 mesh for nematode extraction.	03
34	Distillation unit	01
<b>Horticulture</b>		
1	Hand refractometer	12
2	Electronic weighing balance	01
3	Deepfreeze	01
4	Top Pan Balance	01
5	Water distillation unit	01
6	Grafting and budding knife	12
7	Secateurs	12
8	Saw	06
9	Screen House with Irrigation System	01
10	Microscope	06
11	Lawn mower	01
12	Knapsack sprayer	01
13	Duster	01

14	Sprayer	01
15	Garden tools	15
16	Mixer grinder	01
17	Micropipette	01
<b>Agriculture Engineering</b>		
1	Dumpy Level	03
2	Leveling Staff	03
3	Meter Chain (20M)	02
4	Meter Chain (30 M)	02
5	Ranging Rod	20
6	Optical Square	01
7	Open Cross Staff	02
8	Green house/ poly house	03
9	Tractor model	01
10	Different cut models	10
11	Total survey Station	01
12	Oil engine cut model	01
13	Digital EC and pH Meter	01
14	LUX Meter	01
15	CO <sub>2</sub> meter	01
<b>Animal Sciences and Dairy Science</b>		
1	Centrifuge Machine	03
2	Weighing Balance	01
3	Hot Air Oven	01
4	Mixer grinder	01
5	pH meter	03
6	Feed Sample specimen	20
7	BOD Incubator	01
8	All Types of Tags	10
9	Breed Photographs and models	65
10	Karahi	02
11	Plunger	08
12	Cream separator	01
13	Tattooing punch	01
14	Milking Bucket	01
15	Milking Can 40 Lit	01
16	Milking Can 10 Lit	01
17	Paneer press machine	01
18	Kryocan semen storage can	03
19	Desktop Computer	01
20	Printer	01
21	Sheddi	01
22	High speed seperator	01
23	Plastic Milk sample tray	05
24	Test Tube holder	02
25	Tilt Measure bottle 1ml	05
26	Tilt Measure bottle 10ml	05
27	Lactometer Jar	12

28	High Speed cream separator Dairy Udyog	01
29	Churner	01
30	Deep Freeze Voltas	01
31	Tattooing Punch	01
32	Tattooing number set	01
33	Goat unit model	01
34	Tail to tail housing system model	01
35	Loose housing system model	01
36	Butyro meter	12
37	Lacto meter	06
<b>Agriculture Extension and Communication</b>		
1	LCD Projector	02
2	OHP Projector with screen	06
3	Exhibition Display Stand	01
4	Video camera	01
5	Digital Camera	02
6	Desktop Computer with Printer	01
7	Public address equipment system (PAES)	03
8	Educational charts	40
9	PAES with wireless microphone	01
10	Television	01
11	Video cassate recorder	01
<b>Computer Laboratory</b>		
1	Desktop computers	14
2	Modem	01
3	Printer Laser	01
4	Printer Colour	01
5	Internet connection	10MBPS NMCIT-1 Broadband- 2
6	Scanner	01
7	WIFI Routers	05

UG Classrooms and Laboratories





**d. Information on farm facilities available at College of Agriculture, Badnapur utilized for UG programme.**

The college has having total farm area of 27.00 ha. under field crops, horticulture plantation, greenhouses and garden, etc. Farm facilities with research farm areas are fairly developed and utilized for crop cafeteria demonstrations, experiential learning programs, PG research experiments, and seed production, etc. The other farm facilities like threshing yards, farm ponds, irrigation wells, sub-well, tube wells, various farm implements, micro irrigation facilities, greenhouses, etc., are being utilized for the UG program.

**Table No. 9. Farm facilities available for UG programme.**

Sr. No.	Name of farm	Space	Remark
<b>1. Department of Agronomy</b>			
	ELM on Gram seed production	10 ha	Utilized for production of organic gram seed and general seed production
<b>2. Department of Agricultural Botany</b>			
	Seed Production, breeder lines etc	0.8 ha	For UG practicals
<b>3. Department of Horticulture</b>			
	Medicinal garden	16.95 ha	For UG practicals
	Instructional farm /ornamental and medicinal garden /mother blocks		
<b>4. Department of Agricultural Entomology</b>			
	Screening of varieties	0.8	For UG practicals
<b>5. Department of Animal Husbandry and Dairy Science</b>			
	Cattle shed	2000 sq.	For conducting practicals of UG students.
<b>6. Department of Agricultural Engineering</b>			
	Experiential Learning Unit on Precision farming of floriculture and exotic vegetables Poly House Shed net.		
	Shed net house for UG	1000 sq.m.	For conducting UG practical's
	Polyhouse for UG	1000 sq.m.	For conducting UG practical's
	Fan Pad Polyhouse	540 sq.m.	For conducting UG practical's
<b>7. Department of Plant Pathology</b>			
	Screening of varieties	0.8 ha	For UG practicals
<b>8. Department of Soil Science and Agricultural Chemistry</b>			
	Soil sampling, compost pits	0.1 ha	For UG practicals
<b>Total Land</b>		29.85	

e. Workshop units available for UG degree Program: - Nil

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

**Table No. 10. Theory and Practical batches for UG Programme**

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

One theory batch = 60+ students.

One practical batch = 30 +students.

#### **6.4.5 Conduct of practical and Hands-on-Training:**

The college is making all efforts to impart the necessary skills and confidence among the students/graduates to start and operate their business units through first-hand experience of running model farms and pilot plants during the course of study,

The college has excellent teaching faculty, all of them involved in teaching, research, and extension. All the departments have well-equipped labs wherein students are involved in conducting practicals like protected cultivation, Tillage, Soil, and water conservation, preparation of milk products, budding, grafting, nursery management, sterilization of media, seed production, soil analysis, identification of insect pests etc.

The students during last semester were exposed to hands-on training during the RAWE program and experiential learning modules like seed production, commercial cultivation of vegetables, sericulture and mushroom production, etc.

The practical classes were conducted to ensure the development of practical skills based on theoretical knowledge, field studies/visits, industry visits, study tours, and student READY program and ELM ensures skill development and building up of entrepreneurship in relevant subjects.

Practicals and Hands on Training



**6.4.6. Supervision of students in PG/Ph.D. Programmes: Not Applicable.**

**6.4.7 Feedback from stakeholders (Students, parents, industries, employers, farmers etc):**

Feedback from students and their parents on the desired curriculum is also obtained. Members of staff on statutory academic bodies communicate the suggestion recommendation to the board of studies meeting held at the university for redesigning the Program for effective and appropriate inclusion of recent topics and important areas of respective faculties.

The college ensures the achievement of the stated objectives of the curriculum through the critical analysis of the following.

- Student's feedback on the teacher.
- Student's feedback on curriculum.
- Parent's feedback on curriculum.
- Industries' feedback on the curriculum
- Farmer's feedback on the utility of curricula.

College networks with the stakeholders to collect and document responses curriculum through response sheets. Feedback from parents on curriculum placement, trends and teaching methodology is obtained during parent-teacher meeting sessions. The placement cell organizes seminar counselling programmes with different companies and job-oriented peer groups who give feedback on the curriculum.

Student READY (RAWE and AIA) Program is implemented during the seventh semester and students are exposed to rural areas, Agro-based industries and various regional research stations. During village attachment, they organize, demonstrations, farmer's rallies, group discussions etc. The host farmers, progressive farmers give feedback on the curricula.

Feedback of stakeholders is herewith for ready reference. Separate files of documentary proofs of the same are maintained and available at the college.

Feedback From Stake Holders

2018-19

कृषि महाविद्यालय, बदनापुर  
College of Agriculture, Badnapur

Class: \_\_\_\_\_ Date: \_\_\_\_\_

Academic Year: \_\_\_\_\_

Your honest and sincere feedback is expected for the enhancement of the academic environment of the institute. Further it would be helpful for the comparative evaluation of teaching quality to have continuous improvement.

Your attendance in the class (Tick appropriate box)

Excellent-5	Good-4	Adequate-3	Average-2	Unsatisfactory-1
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Sr. No.	Subject	Course Credit	Course Code	Name of the Course Teacher
1.	AGRO-111	2(1+1)	CC-1	Dr.C.B. Patil
2.	AGRO-112	2(1+1)	CC-2	Prof.S.K. Raskar
3.	AGRO-113	2(1+1)	CC-3	Dr.B. C. Anshare
4.	EXTN-111	2(2+0)	CC-4	Dr.N.D. Deshmukh
5.	HORT-111	2(1+1)	CC-5	Prof.U. M. Naglot
6.	LANG-111	2(1+1)	CC-6	Prof.S.P. Kokakte
7.	MIBO-111	2(1+1)	CC-7	Dr.D.G.Hingole
8.	SSAC-111	3(2+1)	CC-8	Dr.G.K.Gankwad
9.	AGH-111	1(1+0)	CC-9	Dr.C.B. Patil
10.	BIO-111	2(1+1)	CC-10	Dr. S. B. Pawar
11.	MATH-111	2(1+1)	CC-11	Dr. A.A. Chaudhari
12.	HVE-111	1(1+0)	CC-12	Dr. N. D. Deshmukh
13.	DGS-111	1(1+0)	CC-13	Dr. N. D. Deshmukh
14.	NSS-111	1(0+1)	CC-14	Dr. N. D. Deshmukh
15.	PHEY-111	1(0+1)	CC-15	Prof.A.D. Satpute

Fill the appropriate Marks in Corresponding column.

Course Code	CC-1	CC-2	CC-3	CC-4	CC-5	CC-6	CC-7	CC-8	CC-9	CC-10	CC-11	CC-12	CC-13	CC-14	CC-15
1.Syllabus Covered	4	3	5	4	3	4	5	4	3	4	5	4	3	4	5
2.Lecture held as per time table	5	3	4	5	4	3	4	5	4	3	4	5	4	3	4
3.Lecture well prepared and organized	4	5	4	3	5	4	3	5	4	3	5	4	3	5	4
4.Effective communication of subject matter and clarity of speech	5	3	2	4	5	4	3	2	4	5	4	3	2	4	5
5. Effective use of black boards / audio-visual aids.	4	3	4	5	4	5	5	4	3	4	4	5	4	5	4
6.Communication skills	3	3	3	2	4	5	4	5	4	5	4	5	4	5	4
7.Interactive lectures	3	2	3	4	5	4	3	4	5	4	5	4	5	4	5
8. Knowledge of the Subject.	4	2	3	4	5	4	3	4	5	4	5	4	3	4	5
9.Effective teaching from exam point of view.	5	4	4	3	4	5	3	4	5	4	3	4	5	4	3
10. Encouragement by the teacher for co-curricular & Extracurricular activities.	4	5	5	3	2	4	5	4	3	2	4	5	4	3	2
Overall impression of the teacher (Total)	5	4	4	5	5	5	4	4	3	2	4	5	4	3	2

Best Teacher in your View (Name) Dr. N. D. Deshmukh

Name of Students: Bhagya. P.L. Reg. No. 2018AG002 Sign Bhagya

कृषि महाविद्यालय, बदनापुर  
College of Agriculture, Badnapur

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पाठकाची प्रतिक्रिया

विद्यार्थ्यांचे नाव: शिंदे ह्याग्या नागोराव

नोंदणी क्रमांक: 2019A08D45

पाठकाचे नाव: नागोराव रामजी शिंदे

व्यवसाय: खेती

पत्ता: मु. डोमी, पो. देवूळ, ता. अहोष्ट, जि. नांदेड

दूरध्वनी क्रमांक: 3373055101 / 9309212332

पाठकांनी कृपया खालील प्रमाणे मूल्यांकन करावे:

१. बरी उत्तर २. उच्च ३. धान ४. बरी ५. मर्यादा

प्रश्नांकरी:

१. प्रश्न प्रक्रिया आपले मूल्यांकन	(१) ५	(२) ४	(३) ३	(४) २	(५) १
२. पाठक विद्यार्थी/शाळाएक मेळावा	(१) ५	(२) ४	(३) ३	(४) २	(५) १
३. शिक्षकांचे पाठकांशी प्रतिक्रिया प्रतिक्रिया	(१) ५	(२) ४	(३) ३	(४) २	(५) १
४. अध्यापक संस्कृती	(१) ५	(२) ४	(३) ३	(४) २	(५) १
५. विद्यार्थ्यांचे एकूण व्यक्तिमत्त्व विकास	(१) ५	(२) ४	(३) ३	(४) २	(५) १
६. परिसर सुखा	(१) ५	(२) ४	(३) ३	(४) २	(५) १
७. बस्तीसुख सुविधा	(१) ५	(२) ४	(३) ३	(४) २	(५) १
८. मेस सुविधा	(१) ५	(२) ४	(३) ३	(४) २	(५) १
९. परिसरातील सर्व घटकशाळा एकमेकांशी समन्वय	(१) ५	(२) ४	(३) ३	(४) २	(५) १
१०. शहर वाहतूक व्यवस्था	(१) ५	(२) ४	(३) ३	(४) २	(५) १
११. प्रवेश विकास आणि उपन्यासा सुविधा	(१) ५	(२) ४	(३) ३	(४) २	(५) १
१२. प्रयोगशाळा सुविधा	(१) ५	(२) ४	(३) ३	(४) २	(५) १
१३. संचालन सुविधा	(१) ५	(२) ४	(३) ३	(४) २	(५) १
१४. एकूण उपन्यास सुविधा	(१) ५	(२) ४	(३) ३	(४) २	(५) १
१५. आपल्या सुचना/अपेक्षा					

महो: N. D.

पाठकाचे नाव: नागोराव रामजी शिंदे

दिनांक: 10/4/2023

**ZNUTRICARE ORGANICS**  
Complete Balance Crop Nutrition

Corporate Office - Vaman BSELL, DSK, Wadga, Singhg Road, Dhayani Pura 411041, Contact: 98 88606268  
Works: Plot NBT 117/1, Additional MIDC, Phase II of Pin: 411203, Customer care: +91 93600150  
Website: www.znutricare.in

22/11/2022

To, The Associate Dean & Principal, College of Agriculture, Badnapur

Sub: Feedback form of our company about RAWE students and college

1. Experience about the students and college

Throughout my industrial attachment experience, I fostered a truly positive and compassionate learning environment for students, through the support and mentorship of college teacher. Through the application of time management, organization, discipline and consistent practice was observed. Classroom management skills of the students improved very much due to industrial attachment.

2. Expectation from the students

Industrial attachment is an experiential academic experience in which a student has intentional learning goals/objectives with measurable outcomes. These learning goals/objectives may include:

- Academic Learning: the student may apply and test knowledge learned in the classroom to a professional work environment.
- Career Development: the student may explore a specific field of interest; expand his or her professional network and gain and understanding of the qualifications and duties involved in a specific profession or career field.
- Skill Development: the student gains an understanding of the transferable skills and knowledge required for success in a professional work environment and integrates those skills in their academic learning.
- Post Graduate students experiments should be planned on effect of micronutrient on sweet orange crops.

OPPO A53s 5G  
412239

कृषि महाविद्यालय, बदनापुर  
कृषि महाविद्यालय, बदनापुर

१. शेतकऱ्यांचे नाव: शिवकुमार शिंदे

२. पत्ता: ३, ७, सवे

३. शिक्षक: शुद्धि सुदुधिका

४. शेतकरी/शाळाएक: उच्च

५. शेतकरी/शाळाएक: उच्च

६. शेतकरी/शाळाएक: उच्च

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**6.4.8. Student intake and attrition in the UG Program for last five years:**

After being admitted to a degree program, most of the attrited students willingly cancel their admission due to getting seats in desired degree programs.

**Table No. 12. The Year-wise information on sanctioned actual intake and attrition in last Five years.**

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. (Hons.) Agriculture	60 upto 2021-22 (Including 2% OS quota) 120 from 2022-23	70	81	73	77	140	12.85	4.93	2.73	3.89	3.50

Actual intake = 120 (Mand U quota) 20% seats are over and above for Agriculture diploma holders for third semester.

**6.4.9. ICT Application in Curricula Delivery for UG Programme:**

What's App groups of all classes had been created and monitored for instruction delivery. As ICT is now an integral part of the teaching program, digital notes and practical manuals of different courses have been prepared and distributed among the UG students. Complete course curriculum digital notes are also available for UG students on the university website. ICAR has also promoted the use of ICT in teaching and practicals. The following facilities have been created and used in delivering lectures.

1. Smart classroom
2. PPT Presentation
3. Internet facility
4. KOHA, J-gate, and Krishikosh online platforms are available in the Library

**6.4.12.**

I, the Dean, **Dr. R. D. Ahire**, College of Agriculture, Badnapur hereby certify that the information contained in sections 6.4.1 to 6.4.9 are furnished as per the records available in the college and degree awarding university.

(R. D. Ahire)

Signature of Dean of the College with Date and Seal

**College of Agriculture, Badnapur**

## 6.4 Self Study Report for the College of Agriculture, Badnapur Dist. Jalna

### Self-Study Report of PG Programme

(2018-19 to 2022-23)

#### 6.4.1. Brief history of M. Sc. (Agriculture): [Agronomy]

The College of Agriculture, Badnapur dist. Jalna has been established as a constituent college of Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani. It is one of the sixth constituent colleges of Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani. It was established in the year 2000 vide resolution of the government of Maharashtra, Agriculture, Animal Husbandry and Dairy and Fishery Department bearing number MKV/1299/77/20A dated 29/march/2000. Under a scheme entitled “Establishment of Agricultural College, Badnapur dist. Jalna”. Initially, an undergraduate program B.Sc. (Agri.) degree in the faculty of Agriculture was offered. The postgraduate degree M.Sc. (Agri.) started in the six disciplines viz. Agronomy, Agricultural Botany (Genetics and Plant Breeding), Agricultural Entomology, Plant Pathology, Soil Science and Agricultural Chemistry, fruit science (Ref: MCAER/Education-1/2213/1082 Dated 04 June 2013 and MCAER/Education-1/87th Meeting/713/690/2013 dated 30.03.2013).

The College of Agriculture, Badnapur is funded and managed by Maharashtra Government through Vasant Rao Naik Marathwada Krishi Vidyapeeth located at Parbhani. Most of the students of this college are from rural and socially deprived sections. Without the existence of a PG facility at this college, at least 50 percent of students from this region would have been disconnected from their higher studies. Hence, college bears the moral obligation to provide quality higher education. The college has a clear vision, mission, and objectives for qualitative development in agricultural education as the top priority and thus functions towards its attainment.

#### Mission statement:

1. To provide higher education in Agriculture education.
2. To fulfill the regional demand for agriculture graduates.
3. To make available agri. technocrats for regional agricultural development.
4. To train the rural youths and encourage towards agricultural entrepreneurship
5. To disseminate agriculture technology among the farming community.

#### Objectives

1. To fulfill the demand for Agriculture production technology advisors.
2. To impart educational training in the field of agronomical management practices.
3. To train the students about research on different components of soil, crop and water management.
4. To train the rural youth and encourage them for self-employment.
5. To disseminate Agricultural production technologies through extension activities.

#### Accomplishments

During the last five year 25 students were completed PG degree successfully and rendering services in public and private sectors.

**1. Number of students completed PG degree program (2018-2022)**

Discipline	2018	2019	2020	2021	2022	Total
Agronomy	5	4	6	5	5	25
Grand Total						25

1. From 2018-19 to 2022-23, out of 25 passed out students, 10 students qualified for ASRB NET Examination.
2. Four students perused for higher education (Ph.D) after PG degree during assessment year(2018-2022).
3. Four students got placement in banking sector as a field officer (03) / Probationary officer (01).
4. Seven students after completion of M.sc have got opportunity as Assistant Professor in Private Agriculture Colleges affiliated to SAU's in Maharashtra.
5. Four students have selected in Govt. sector (State Agriculture Department (03) / FCI (01)
6. Three students are working in Private Sector related to agriculture.
7. Dissemination of new improved technologies and awareness regarding various agronomical practices, intercropping and irrigation management were done on regular basis through farmers trainings, field days, farmers rallies and demonstrations etc.

**6.4.2. Faculty Strength (PG):**

Sr. No.	Sanctioned faculty	Sanctioned Post	Filled Post	Vacant Post
1	Head	NIL	NIL	NIL
2	Professor	NIL	NIL	NIL
3	Associate Professor	NIL	1 Dr. K.T. Jadhav Professor (CAS)	NIL
4	Assistant Professor	NIL	1 S. K. Raskar	NIL
5	Assistant Professor	NIL	2 Dr. P. G. Chavan	NIL



**Faculty involved in PG Teaching & Research**

Sr. No.	Type of faculty	Name & Designation	Major Courses Offered	Office Address
1	Research staff	Dr. P.A.Pagar Asstt. Professor	AGRON 504, AGRON 502 AGRON 512	ARS, Badnapur
		Dr. S.V.Gosavi Asstt. Professor	AGRON 505	ARS, Badnapur
		Shri. M. D.Shrirame Associate Professor	PGS 506	ARS, Badnapur
		Dr. C. B. Patil Asso. Prof.	AGRON-501, AGRON 504 AGRON 502	ARS, Badnapur
		Dr. P. R. Jaybhaye Principal, ATS, Jalna	AGRON-505	ATS, Jalna
		Dr. S. B. Pawar Associate Director of Research	Research guide	NARP, Aurangabad
2	Teaching Staff	Dr. K.T. Jadhav Professor (CAS)	AGRON-504, AGRON 591AGRO 502 AGRON-512, AGRON 506 AGRON 503	COA, Badnapur
		S. K. Raskar Assistant Professor	AGRON-513, AGRON 505	COA, Badnapur
		Dr. P. G. Chavan Assistant Professor	AGRON-505	COA, Badnapur

**Faculty acting as supporting staff in PG Teaching & Research**

Sr. No.	Type of faculty	Name & Designation	Minor/Supporting Courses Offered	Office Address
1	Teaching	Dr. S. S. Mane	SOIL-508	COA, Badnapur
2		Dr. G. K. Gaikwad	SOIL-503	COA, Badnapur
3		Dr. A. A. Chaudhari	STAT-511	COA, Badnapur
4		Dr. N. D. Deshmukh	PGS-502, PGS-505	COA, Badnapur
5		Dr. G. W. Khorne	PGS-503 STAT-511	COA, Badnapur
6		Dr. S. V. Dhage	PGS-501	COA, Badnapur

**6.4.3. Technical and Supporting Staff:**

Sr. No	Cadre	Sanctioned Post	Filled Position	Vacant Post	Faculty recommended by the ICAR
1	Senior Research Assistant	-	01*	-	--
2	Junior Research Assistant	-	NIL	-	--
3	Agriculture Assistant	-	01*	-	--

#### 6.4.4. Classrooms and Laboratories:

##### 1. Classroom

Sr. No.	Classroom	Student Capacity	Size (Sq. ft)	Justify if it sufficient to the meet required
1	1	40	250	Projector facility and fulfill the requirement.

##### 2. Laboratories

Sr. No.	Laboratory	Student Capacity	Size (Sq. ft)	Justify if it sufficient to the meet required
1	1	25	250	Fulfill the requirement of a PG program

Sr. No.	PG Laboratory		
<b>List of major equipment</b>			
1	Hot air oven	6	Soil Thermometer
2	Distillation unit	7	Wet Bulb Thermometer
3	Tensiometer	8	Dry Bulb Thermometer
4	Rain Gauge (Automatic)	9	Maximum Thermometer
5	Rain Gauge (Manual)	10	Minimum Thermometer

##### 3. Farm facilities

Sr. No.	Area	Irrigation facilities	No. of experiment conducted
1	10.00 ha	Sprinkler irrigation set – 01 Drip irrigation	Experiment of M.Sc.(Agri.) students conducted and seed production program

### PG Classrooms and Laboratories



#### 6.4.5. Conduct of Practicals and Hands-on Training:

The college is making all efforts to impart the necessary skills and confidence among the postgraduate students for self-employment through first-hand experience running model farms and pilot projects during study.

The college has an excellent PG teaching faculty, all of them involved in teaching, research, and extension. The department has well-equipped labs wherein students are involved in conducting practicals like soil and water analysis, seed production, crop and water management practices, precision farming, integrated farming systems, crop production technology, irrigation management, biotic and abiotic stress management, etc.

The practical classes were conducted to ensure the development of practical skills based on theoretical knowledge, field studies/visits, industry visits, and study tours to provide skill development and building up of entrepreneurship in the field of Agronomy.



**6.4.6. Supervision of Students in PG: (2018-19 to 2022-23)  
M.Sc. (Agriculture) (Degree Awarded)**

Sr. No.	Name of faculty	2019	2020	2021	2022	2023	Total
1	Dr. K. T. Jadhav Professor (CAS) COA, Badnapur	1	2	2	3	2	10
2	Dr. S. B. Pawar Associate Director Research, NARP, Aurangabad	-	1	1	-	1	3
3	Dr. P. A. Pagar Scientist (Agronomy) ARS, Badnapur	-	-	-	1	1	2
4	Shri. S.V. Gosavi Scientist (Agronomy) ARS, Badnapur	1	1	-	-	-	2
5	Dr. C. B. Patil	-	1	1	1	1	4

	Associate. Professor COA, VNMKV, Parbhani						
6	Shri. S. K.Raskar (Assistant professor, Badnapur)	1	1	1	-	-	3
7	Shri. M. D. Shrirame (Associate professor, Badnapur)	1	-	-	-	-	1
	<b>TOTAL</b>	4	6	5	5	5	25



**Intake capacity and No. of qualified faculty (2018-19 to 2022-23)**

Sr. No.	Year	Course	Intake capacity of department	No. of qualified faculty
1	2018-19	M.Sc. (Agri.) Agronomy	06	06
2	2019-20	M.Sc. (Agri.) Agronomy	06	06
3	2020-21	M.Sc. (Agri.) Agronomy	06	06
4	2021-22	M.Sc. (Agri.) Agronomy	06	06
5	2022-23	M.Sc. (Agri.) Agronomy	06	06

**6.4.7. Feedback of Stakeholders (Students, Parents, Industry, Employer, Farmer etc.)**

Sr.No.	Type of stakeholders	Feedback mechanism	Action Taken
1	Students	Advisory system For PG SAC and Research guide system Students counseling and placement cell	Yearly duly filled feedback forms from students were collected
2	Parents	Parents meeting at college level	Yearly duly filled feedback forms from parents were collected
3	Industries	Industrial meet	Campus interviews conducted
4	Employers	Meetings/Individual appraisal	Campus interviews conducted
5	Farmers	Diagnostic visits, research trials	Yearly duly filled feedback forms from farmers were collected

Feedback From Stake Holders

**कृषि महाविद्यालय, बदनापूर**  
**College of Agriculture, Badnapur**  
 Dist - Jalna (MS) - 431 202 | Ph: 02482 261034 | Email: adpcab@gmail.com

**पदव्युत्तर विद्यार्थ्यांच्या पालकांची प्रतिक्रिया**

विद्यार्थ्यांचे नाव : अतुल रमेश ताडगे  
 नोंदणी क्र. : 2019A04188  
 पालकांचे नाव : श्री. रमेश ताडगे  
 व्यवसाय : शेत  
 पत्ता : ता. रेणापूर जि. लातूर  
 दूरध्वनी क्र. : 9823967383

पालकांनी खालील प्रमाणे मूल्यमापन करावे.



१. अतिउत्तम २. उत्तम ३. छान ४. ठिक ५. सर्वसाधारण

प्रश्नावली	१	२	३	४	५
१. प्रवेश प्रक्रिया आपले मूल्यमापन	१				
२. पालक विद्यार्थ्यां / प्राध्यापक मेळावा	१				
३. शिक्षकांचे पालकां प्रती विद्यार्थ्यां प्रति वर्तणूक		२			
४. अध्यापक संस्कृती	१				
५. विद्यार्थ्यांचे एकूण व्यक्तीमत्त्व विकास	१				
६. परिसर सुरक्षा		२			
७. वसतीगृह सुविधा				३	
८. मेस सुविधा				३	
९. परिसरातील सर्व घटकांचा एकमेकांशी समन्वय		२			
१०. शहर वादळ व्यवस्था	१				
११. प्रक्षेत्र विभाग उपस्थान / सुविधा	१				
१२. प्रयोगशाळा सुविधा	१				
१३. ग्रंथालय सुविधा		२			
१४. एकूण उपलब्ध सुविधा	१				
१५. आपल्या सुचना / अपेक्षा	१				

दिनांक 23/03/2020

सहो अतुल  
 पालकांचे नाव: श. रमेश ताडगे



**कृषि महाविद्यालय, बदनापूर**  
**College of Agriculture, Badnapur**  
 Dist - Jalna (MS) - 431 202 | Ph: 02482 261034 | Email: adpcab@gmail.com

**FEEDBACK FORM FOR PG STUDENTS**  
 Academic Year: \_\_\_\_\_ Date: \_\_\_\_\_

Class: \_\_\_\_\_ Your honest and sincere feedback is expected for the enhancement of the academic environment of the institute. Further it would be helpful for the cooperative evaluation of teaching quality to have continuous improvement.

Your attendance in the class (Tick appropriate box)	Above 80%		Between 50 to 80%		Below 50%	
	Excellent-5	Good-4	Adequate-3	Average-2	Unsatisfactory-1	
1. AGR101-TC1						
2. AGR101-TP2						
3. AGR101-TP3						
4. AGR101-TP4						
5. AGR101-TP5						
6. AGR101-TP6						
7. AGR101-TP7						
8. AGR101-TP8						

Fill the appropriate Marks in Corresponding column.

Course Code	CC-1	CC-2	CC-3	CC-4	CC-5	CC-6	CC-7	CC-8
1. Syllabus Covered	5	4	5	5	5	5	5	5
2. Lecture held as per time table	5	5	5	5	5	5	5	5
3. Lecture well prepared and organized	5	5	5	5	5	5	5	5
4. Effective communication of subject matter and clarity of speech	5	5	5	5	5	5	5	5
5. Effective use of black boards / audio-visual aids	4	5	5	5	5	5	5	5
6. Communication skills	5	5	5	5	5	5	5	5
7. Interactive lectures	5	5	5	5	5	5	5	5
8. Knowledge of the Subject	5	5	5	5	5	5	5	5
9. Effective teaching from exam point of view	5	4	5	5	5	5	5	5
10. Encouragement by the teacher for co-curricular & Extracurricular activities	5	5	5	5	5	4	5	5
*Overall impression of the teacher (Total)	49	48	50	50	50	48	50	50
Best Teacher in your View (Name)								

Name of Students: Saravade Pinali, Reg. No. 2019A03188 Sign: [Signature]  
Shalchandra

**कृषि महाविद्यालय, बदनापूर**  
**पालकांच्या महाविद्यालयावढील अभिप्राय**

१. शेतकऱ्यांचे नाव : श. रमेश ताडगे  
 २. नाव : श. रमेश ताडगे  
 ३. शिक्षण : BA  
 ४. नवीनधारणा : न  
 ५. पत्ता : ता. रेणापूर जि. लातूर  
 ६. निवेदन प्रकर : कारणानुसार / इंग्रजी ओपन / सरकारी ओपन  
 ७. शिक्षण सुविधा : शेतकऱ्यांचे / परीक्षा / योगदान / विविध  
 ८. महाविद्यालय : शेतकऱ्यांचे / सरकारी / सरकारी  
 ९. शहर वादळ व्यवस्था : शेतकऱ्यांचे / सरकारी / सरकारी  
 १०. महाविद्यालयावढील योगदान : शेतकऱ्यांचे / सरकारी / सरकारी  
 ११. महाविद्यालयावढील योगदान : शेतकऱ्यांचे / सरकारी / सरकारी

VII. परसुसंधेन च दृष्टे व्यक्तय  
 VIII. कृषी अर्थशास्त्र  
 IX. कृषी विस्तार शिक्षण

१२. यामुळे आपल्या कृषी उत्पादनात फरक पडला का? होय / नाही:  
 १३. होय असल्यास, किली टक्के : शेतकऱ्यांचे / सरकारी / सरकारी  
 १४. महाविद्यालयावढील असलेली अपेक्षा : शेतकऱ्यांचे / सरकारी / सरकारी

स्वाक्षरी : [Signature]  
 शेतकऱ्यांचे नाव : श. रमेश ताडगे

**Diagnostic Visits**



**6.4.8. Students intake and attrition in the Program for last five years:**

Name of degree programme	Actual student admitted in last five years						Attrition (%)					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total	2018-19	2019-20	2020-21	2021-22	2022-23	Total
M.Sc.(Agri.) AGRO	6	5	5	5	5	26	33.33	00	00	00	00	6.6%

**6.4.9. ICT application in Curricula Delivery:**

The ICT is now an integral part of the teaching program. ICAR has also promoted the use of ICT in teaching and practicals. The following facilities have been created for delivering lectures.

1. Smart classroom
2. PPT Presentation
3. Internet facility
4. KOHA, J-gate, and Krishikosh online platforms are available in Library

**6.4.12**

I, the Dean, **Dr. R. D. Ahire**, College of Agriculture, Badnapur hereby certify that the information contained in sections 6.4.1 to 6.4.9 are furnished as per the records available in the college and degree awarding university.

(R. D. Ahire)

Signature of Dean of the College with Date & Seal

**College of Agriculture, Badnapur**



**M. Sc. (Agriculture):  
[Soil Science and  
Agricultural Chemistry]**

## **6.4 Self Study Report for the College of Agriculture, Badnapur Dist. Jalna**

### **Self Study Report of PG Programme**

**(2018-19 to 2022-23)**

#### **6.4.1. Brief history of M. Sc. (Agriculture): [Soil Science and Agricultural Chemistry]**

The College of Agriculture, Badnapur dist. Jalna has been established as a constituent college of Vasantrya Naik Marathwada Krishi Vidyapeeth, Parbhani. It is one of the sixth constituent colleges of Vasantrya Naik Marathwada Krishi Vidyapeeth, Parbhani. It was established in the year 2000 vide resolution of the government of Maharashtra, Agriculture, Animal Husbandry and Dairy and Fishery Department bearing number MKV/1299/77/20A dated 29/march/2000. Under a scheme entitled “Establishment of Agricultural College, Badnapur dist. Jalna”. Initially undergraduate Program B.Sc. (Agri.) degree in the faculty of Agriculture offered. The postgraduate degree M.Sc. (Agri.) started in the discipline of Soil Science and Agricultural Chemistry (Ref: MCAER/Education-1/2213/1082 Dated 04 June 2013 and MCAER/Education-1/87th Meeting/713/690/2013 dated 30.03.2013).

The College of Agriculture, Badnapur is funded and managed by the Maharashtra Government through Vasantrya Naik Marathwada Krishi Vidyapeeth located at Parbhani. Most of the students of this college are from rural and socially deprived sections. Without the existence of a PG facility at this college, at least 50 percent of students from this region would have been disconnected from their higher studies. Hence, college bears the moral obligation to provide quality higher education. The college has a clear vision, mission, and objectives for qualitative development in agricultural education as the top priority and thus functions towards its attainment.

#### **Mission statement:**

1. To provide higher agriculture education.
2. To fulfill the regional demand for agriculture graduates.
3. To make available agri. technocrats for regional agricultural development.
4. To train the rural youths and encourage agricultural entrepreneurship amongst students.
5. To disseminate agriculture technology among the farming community.

### Objectives

1. To fulfill the demand for soil health advisors.
2. To impart educational training in the field of soil, plant and fertilizer analysis.
3. To train the students about research on nutrient deficiency and their symptoms.
4. To train the rural youth and encourage them for self-employment.
5. To disseminate nutrient management skill through extension activities.

### Accomplishments:

During the last five years 27 students completed the PG degree successfully and presently rendering their services in different public and private sector.

#### 1. Number of students completed PG Program (2018-2022)

Discipline	2018	2019	2020	2021	2022	Total
Soil Science and Agricultural Chemistry	5	4	7	4	7	27
Grand Total						27

1. Successfully imparted the education and research training to 41 students at post-graduate level towards efficient human resource development in Soil Science and Agriculture Chemistry since the academic year 2015
2. Carried-out the academic research on various frontier and need-based areas like use of nano fertilizer technology towards improvement in crop productivity, studies of liquid fertilizer, bio fertilizers, organic and inorganic fertilizers use in the field to enhance the quality of long-term improved productivity of the regional and other crops.
3. PG Students theses-works are published in reputed scientific journals across national as well as international fronts.
4. Students and Faculties of this college were attained online and offline various National and International conferences/symposia/ seminars for paper and poster presentations
5. Numbers of PG students were recruited in various State Departments of Agriculture and Forestry, reputed MNCs, Seed Companies and other Cooperative/ Private firms and Banking sector ICAR and Agriculture universities at various positions.
6. MOU with NBSS and LUP was signed in the year 2021-22 for PG research.
7. One student qualified NET examination in 2019 and completed his Ph.D. from SVPUAT, Meerut.
8. Dissemination of new improved technologies and awareness regarding use of nano fertilizer, liquid fertilizer, bio fertilizers, organic and inorganic farming, collection of soil samples, and reclamation of problematic soils, soil testing information on regular basis through farmers trainings, field days, farmers rallies, demonstrations etc.

**6.4.2. Faculty Strength (PG):**

Sr. No.	Sanctioned faculty	Sanctioned Post	Filled Post	Vacant Post
1	Head	NIL	NIL	NIL
2	Professor	NIL	NIL	NIL
3	Associate Professor	NIL	1 Dr.S.S.Mane Professor (CAS)	NIL
4	Assistant Professor	NIL	1 Dr. G. K. Gaikwad	NIL
5	Assistant Professor (Adhoc)	NIL	Dr.G.U.Karad	NIL

**Faculty involved in PG Teaching & Research**

Sr. No.	Type of faculty	Name & Designation	Major Courses offered	Office Address
1	Teaching	Dr. S.S.Mane	SOILS 501, SOILS 502,SOILS 504, SOILS 506,SOILS 510 PGS 504	COA, Badnapur
2	Teaching	Dr.G.K.Gaikwad	SOILS 503, SOILS 509, SOILS 511 SOILS 513,BIOCHEM 501	COA, Badnapur

**Faculty acting as supporting staff in PG Teaching & Research**

Sr. No.	Type of faculty	Name & Designation	Minor Courses offered	Office Address
1	Teaching	Dr. K.T.Jadhav	AGRON 503	ARS, Badnapur
2	Teaching	Dr. C.B.Patil	AGRON 513	NARP, Ch.Sambhajinagar
3	Teaching	Dr.A.A.Chaudhari	STAT 511	COA, Badnapur
4	Teaching	Dr.N.D.Deshmukh	PGS 502, PGS 505	COA, Badnapur
5	Teaching	Shri Khorne G.W.	PGS 503, STAT 511	COA, Badnapur

**Faculty involved in PG Research**

Sr. No.	Type of faculty	Name & Designation	Courses offered of M.Sc.	Office Address
1	Research staff	Dr. S. T. Shirale	Research guide	AICRP on IFS, Parbhani
2	Research staff	Dr. R. N. Khandare	Research guide	AICRP on LTFE, Parbhani

**6.4.3. Technical and Supporting Staff:**

Sr. No.	Cadre	Sanctioned Post	Filled / Position	Vacant Post	Faculty recommended by the ICAR
1	Senior Research Assistant	-	NIL	-	--
2	Junior Research Assistant	-	NIL	-	--
3	Agriculture Assistant	-	NIL	-	--

\*Government of Maharashtra, Agriculture, Animal Husbandry and Dairy and Fishery Department bearing number MKV/1299/77/20A dated 29/march/2000, posts have been sanctioned for the UG Program.

**6.4.4. Classrooms and Laboratories:**

**1. Classroom**

Sr. No.	Classroom	Student Capacity	Size (Sq.ft)	Justify if it sufficient to the meat required
1	1	40	500	Fulfill the requirement.

**2.Laboratories**

Sr. No.	Laboratory	Student Capacity	Size (Sq.ft)	Justify if it sufficient to the meat required
1	1	20	500	Fulfill the requirement of a PG program

**List of major equipment**

Sr. No.	Laboratory	PG Laboratory	
1	pH meter	5	Muffle furnace
2	EC meter	6	Electric shaker
3	Flame photometer	7	Tensiometer
4	Spectronic -20	8	Hot air oven
9	Kjeldahl digestion unit	10	Heating coils
11	stirrer	12	Hot plate

**3. Farm facilities**

Sr. No.	Area	Irrigation facilities	Remarks
1	0.8 ha	Sprinkler irrigation set - 01	Experiment of M.Sc.(Agri.) students conducted.

**PG Classrooms and Laboratories**



**6.4.5. Conduct of Practical's and Hands on Training:**

The college is making all efforts to impart the necessary skills and confidence among the postgraduate students for self-employment through first-hand experience of running model farms and pilot plants during study.

The college has excellent PG teaching faculty, all of them involved in teaching, research, and extension. The department has a well-equipped laboratory where students are involved in conducting practicals like Soil, water, fertilizer and manure analysis, etc.

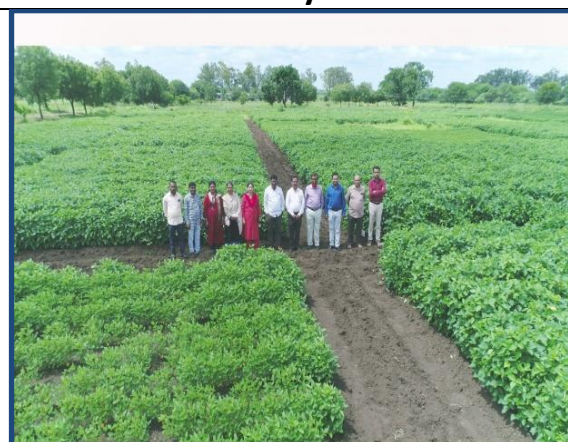
The practical classes were conducted to ensure the development of practical skills based on theoretical knowledge, field studies/visits, industry visits, and study tours to ensure skill development and the building up of entrepreneurship in relevant subjects. A list of the same is enclosed in Appendix PG- 6.4.5.



**M.Sc. (Agri.) SSAC Students Research analysis in laboratory**



**M.Sc. (Agri.) SSAC Students Research trials on soybean**





**6.4.6. Supervision of Students in PG: (2018-19 to 2022-23)  
M.Sc. (Agriculture)(Degree Awarded)**

Sr. No.	Name of faculty	2018	2019	2020	2021	2022	2023	Total
1	Dr. S. S. Mane Professor (CAS) COA, Badnapur	2	2	4	2	3	2	15
2	Dr.G. R. Hanwate Assistant Professor COA, Badnapur	2	-	-	-	-	-	2
3	Dr. R. N. Khandare Associate Professor VNMKV, Parbhani	-	-	-	-	-	1	1
4	Dr. G. R. Gaikwad Assistant Professor COA, Badnapur	1	2	3	2	4	2	14
5	Dr.S.T. Shirale Assistant Professor VNMKV, Parbhani	-	-	-	-	-	1	1
	Total	5	4	7	4	7	6	33

**Intake capacity and No. of qualified faculty (2018-19 to 2022-23)**

Sr. No.	Year	Course	Intake capacity of department	No. of qualified faculty
1	2018-19	M.Sc. (Agri.) SSAC	06	02
2	2019-20	M.Sc. (Agri.) SSAC	06	02
3	2020-21	M.Sc. (Agri.) SSAC	07	02
4	2021-22	M.Sc. (Agri.) SSAC	06	04
5	2022-23	M.Sc. (Agri.) SSAC	06	04

**6.4.7. Feedback of Stakeholders (Students, Parents, Industry, Employer, Farmer etc).**

Sr.No.	Type of stakeholders	Feedback mechanism	Action Taken
1	Students	Advisory system For PG SAC and Research guide system Students counseling and placement cell	Yearly duly filled feedback forms from students were collected
		Faculty in meeting discuss the issues related to academic, research and extension activities	Computer, internet and Wi- Fi facilities are provided Strengthening of placement cell and competitive forum

		Through electronic media such as email, phone and personal visit, orientation and farewell programme	Providing class notes to students, ppt, demonstrations etc.
2	Parents	Parents meeting at college level	Yearly duly filled feedback forms from parents were collected
		Student parents meetings were conducted by respective advisors every semester.	Parents were informed about the academic progress of their wards.
3	Industries	Industrial meet	Campus interviews conducted
4	Employers	Meetings/Individual appraisal	Campus interviews conducted
5	Farmers	Diagnostic visits, research trials	Yearly duly filled feedback forms from farmers were collected Information and demonstration on methods of composting, vermicompost preparation, collection of soil samples, and improvement in soil fertility has given. Advised to use recommended doses of nutrients to major crops as per soil test report.



**Diagnostic Visits**



**6.4.8. Students intake and attrition in the Program for last five years:**

Name of degree programme	Actual student admitted in last five years						Attrition (%)					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total	2018-19	2019-20	2020-21	2021-22	2022-23	Total
M.Sc.(Agri.) SSAC	6	6	7	6	6	31	16.66	33.32	0	0	0	9.99

**6.4.9. ICT application in Curricula Delivery:**

ICT is now an integral part of the teaching program. ICAR has also promoted the use of ICT in teaching and practicals. The following facilities have been created for delivering lectures.

1. Smart classroom
2. PPT Presentation
3. Internet facility
4. KOHA, J-gate, and Krishikosh online platforms are available in Library

**6.4.12.**

I, the Dean, **Dr. R. D. Ahire**, College of Agriculture, Badnapur hereby certify that the information contained in sections 6.4.1 to 6.4.9 are furnished as per the records available in the college and degree awarding university.

(R. D. Ahire)

Signature of Dean of the College with Date & Seal

**College of Agriculture, Badnapur**

# M. Sc. (Agriculture) : Entomology

## 6.4 Self Study Report for the College of Agriculture, Badnapur Dist. Jalna

### Self Study Report of PG Programme

(2018-19 to 2022-23)

#### 6.4.1. Brief history of M. Sc. (Agriculture): Entomology

The Post Graduate Program in M.Sc. (Agri.) Entomology started at the College of Agriculture, Badnapur dist. Jalna during 2013 with an intake capacity of 6 students per year. Students of another state as well as ICAR will also get admission every year. A total of 28 students were awarded degrees from 2018-19 to 2022-23 and more than 90 % of students were placed in different educational institutes as academic staff, plant protection advisors in the private sector, AFO (Agricultural Field Officers) in the Banking sectors, in production, marketing, R&D in seed, fertilizer and insecticide companies. Rests are diverted towards higher education and competitive civil services.

#### Mission statement:

1. To provide higher agriculture education in plant protection.
2. To fulfill the regional demand for plant protection advisors.
3. To make available agri. technocrats for regional agricultural development.
4. To train the rural youths and encourage agricultural entrepreneurship in bioagent and bio pesticides production
5. To disseminate agriculture technology among the farming community.

#### Objectives

6. To fulfill the demand for Agriculture plant protection advisors.
7. To impart educational training in the field of entomology.
8. To Train students about research on different components of plant protection.
9. To train the rural youth and encourage them for self-employment.
10. To disseminate Agricultural production technologies through extension activities.

#### Accomplishments

During the last five years 28 students completed the PG degree successfully and serving in various public and private sectors.

#### 1. Number of students completed PG Program(2018-2022)

Discipline	2018	2019	2020	2021	2022	Total
Entomology	6	6	5	5	6	28
Grand Total						28

1. Seven students qualified the NET examination during last five years.
2. MOU with ICRISAT, Hyderabad was signed for collaborative PG research

3. Established Sericulture and Cocoon Production unit for PG research in the year 2020-21.
4. Eleven students were placed in different private industries and banking sectors.
5. Dissemination of new improved technologies and awareness regarding safe use of pesticides were done on regular basis through farmers trainings, field days, farmers rallies, demonstrations etc.

**6.4.2. Faculty Strength (PG):**

Sr. No.	Sanctioned faculty	Sanctioned Post	Filled Post	Vacant Post
1	Head	NIL	NIL	NIL
2	Professor	NIL	NIL	NIL
3	Associate Professor	NIL	1* B. V. Patil	NIL
4	Assistant Professor	NIL	1* Dr. A. L. Suradkar	NIL

**Faculty involved in PG Teaching & Research**

Sr. No.	Type of faculty	Name & Designation	Major Courses offered	Office Address
1	Teaching	B.V. Patil	ENT-501, ENT-502, ENT-510, ENT-508, ENT-518, ENT-591, ENT-504, ENT-507 PG students Guide	COA, Badnapur
2	Teaching	Dr. A. L. Suradkar	ENT-505, ENT-511, ENT-512 PG students Guide	COA, Badnapur
3	Research staff	Dr. S.D. Bantewad Senior Scientist	ENT 507, ENT 511 ENT 512, ENT 504	ARS, Badnapur
4	Research staff	Dr. S. K. Patil Sr. Scientist	ENT 511 PG students Guide	ARS Badnapur
5	Research staff	Dr. D. S. Mutkule Sr. Scientist	PG students Guide	ARS Badnapur

**Faculty involved in PG Teaching & Research**

Sr. No.	Type of faculty	Name & Designation	Minor Courses offered	Office Address
1	Teaching	Dr. D. G. Hingole	Pl.Path-502, Pl.Path-510, Pl.Path-506,	COA, Badnapur
2		Dr. K. T. Jadhav	Agron-503, PGS-506	COA, Badnapur
3		Dr. N. D. Deshmukh	PGS-502, PGS-505	COA, Badnapur
4		Dr. Khorne G.W.	PGS-503, Stat-507	COA, Badnapur
5		Dr. S. V. Dhage	PGS-501	COA, Badnapur
6		Dr. S. S. Mane	PGS-504	COA, Badnapur



**6.4.3. Technical and Supporting Staff:**

Sr.No	Cadre	Sanctioned Post	Filled /Position	Vacant Post	Faculty recommended by the ICAR
1	Senior Research Assistant	-	NIL	-	--
2	Junior Research Assistant	-	NIL	-	--
3	Agriculture Assistant	-	NIL	-	--

**6.4.4. Classrooms and Laboratories:**

**1. Classroom**

Sr. No.	Classroom	Student Capacity	Size (Sq.ft)	Justify if it sufficient to the meat required
1	1	40	500	Internet and projector facility available and fulfill the requirement.

**2. Laboratories**

Sr. No.	Laboratory	Student Capacity	Size (Sq.ft)	Justify if it sufficient to the meat required
1	1	20	600	Fulfill the requirement of a PG program

**List of major equipment**

Sr. No.	PG Laboratory		
1	Stereo microscope	9	Insect display showcase
2	Student's microscope	10	Insect showcase cabinet
3	Corcyra sterilization Chamber	11	Chart holder cabinet
4	Corcyra cages	12	Vinyl boards of insect pest
5	Insect rearing cages	13	Display chart of Insect Morphology and Anatomy
6	Insect dissection tray	14	Weighing balance
7	Insect collection boxes	15	Plant protection appliances
8	Specimen tube cabinet		

**3. Farm facilities**

Sr. No.	Area	Irrigation facilities	Remarks
---------	------	-----------------------	---------

1	0.8 ha	Sprinkler irrigation set - 01	Conducting field experiment of M.Sc.(Agri.) students
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### PG Classrooms and Laboratories



#### 6.4.5. Conduct of Practical's and Hands on Training:

The department has conducted various practicals which will be useful to students from a professional corner point of view. The department has a well-equipped lab wherein students are involved in conducting practicals like insect collection and preservation of insects including immature stages, preservation of insects through various techniques, studying the insect anatomy of different insects through dissection, to identify different natural enemies of insect pests and weeds, to get acquainted with concepts of Integrated Pest Management, to identify damage caused by pests infesting agricultural and horticultural crops, to familiar with different plant protection equipment and safe handling of pesticides. PG teaching faculty making all efforts to impart necessary skills and confidence among the postgraduate students for self-employment.

The field visits were arranged to ARS, Badnapur, and NARP, Aurangabad which were focused on the present scenario of insect pest attack and their control measure with newer chemical insecticides. Student visits were also arranged to research experiments of different disciplines.

The practical classes were conducted to ensure the development of practical skills based on theoretical knowledge, field studies/visits, industry visits, and study tours to ensure skill development and building up of entrepreneurship in relevant subjects.

**Hands on training on microscope use and handling**



**Hands on training on insect rearing to study the biology of major insect pest.**



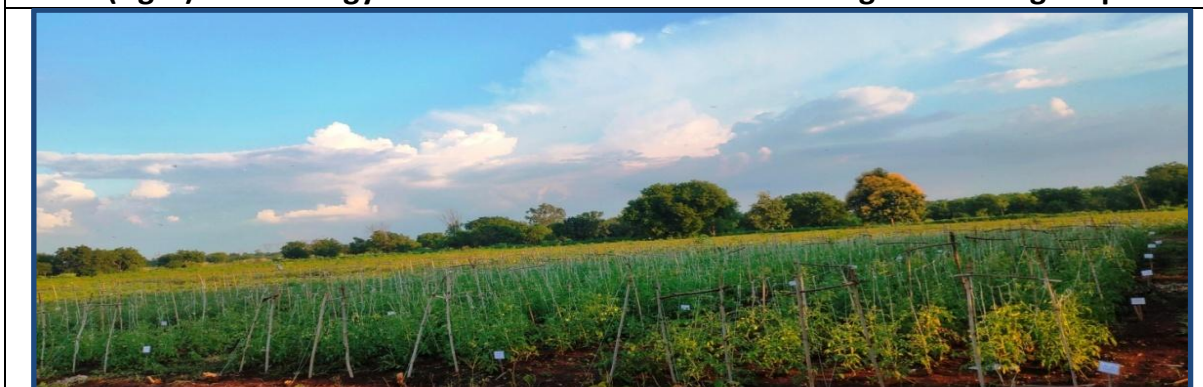
PG Research (Entomology)



M.Sc. (Agri.) Entomology Students Research Trial on Mungbean and Brinjal.



M.Sc. (Agri.) Entomology Students Research trials on Blackgram and Pigeonpea



Assessment of Newer Insecticides for the management of Major insect pests in tomato

**6.4.6. Supervision of Students in PG: (2018-19 to 2022-23)**

**M.Sc. (Agriculture) (Degree Awarded)**

Sr. No.	Name of faculty	2018	2019	2020	2021	2022	Total
1	B.V.Patil Associate Professor COA, Badnapur	3	3	2	5	4	17
2	Dr. D.S.Mutkule	-	-	-	-	1	1
3	Dr. S. D. Bantewad Senior Scientist ARS, Badnapur	3	3	3	-	-	9
4	Dr.A.L.Suradkar Assistant professor	-	-	-	-	1	1
	Total	6	6	5	5	6	28

**Intake capacity and No. of qualified faculty (2018 to 2023)**

Sr. No.	Year	Course	Intake capacity of department	No. of qualified faculty
1	2018-19	M.Sc. (Agri.) Agril.Entomology	06	03
2	2019-20	M.Sc. (Agri.) Agril.Entomology	06	03
3	2020-21	M.Sc. (Agri.) Agril.Entomology	05	03
4	2021-22	M.Sc. (Agri.) Agril.Entomology	05	03
5	2022-23	M.Sc. (Agri.) Agril.Entomology	06	03

Feedback From Students & Stake Holders

**कृषि महाविद्यालय, बदनापूर**  
**College of Agriculture, Badnapur**  
 Dist - Jalna (MS) - 431 202 | Ph: 02482 261034 | Email: adpcab@gmail.com

**पदव्युत्तर विद्यार्थ्यांच्या पालकांची प्रतिक्रिया**

विद्यार्थ्यांचे नाव: मृदु उमेश मनम  
 नोंदणी क्रमांक: 2021A16M13  
 पालकांचे नाव: संजय विठोबा मृदु  
 व्यवसाय: शेत  
 पत्ता: सु. मातामय फे. कोप्रमठा, ता. लोनास्, जि. बुलढाना  
 दूरध्वनी क्रमांक: 9066249806

पालकांनी कृपया खालील प्रमाणे मूल्यामापन करावे:

1. प्रवेश प्रक्रिया आपले मूल्यामापन	(1) (2) (3) (4) (5)
2. पालक विद्यार्थी/प्राध्यापक मेळावा	(1) (2) (3) (4) (5)
3. शिक्षकांचे पालकाप्रती विद्यार्थी प्रति वर्तणूक	(1) (2) (3) (4) (5)
4. अध्यापक संस्कृती	(1) (2) (3) (4) (5)
5. विद्यार्थ्यांचे एकूण व्यक्तिमत्व विकास	(1) (2) (3) (4) (5)
6. परिसर सुव्हा	(1) (2) (3) (4) (5)
7. बस्तीग्रह सुविधा	(1) (2) (3) (4) (5)
8. मेष सुविधा	(1) (2) (3) (4) (5)
9. परिसरातील सर्व घटकांचा एकमेकांशी समन्वय	(1) (2) (3) (4) (5)
10. वाहद वाहतूक व्यवस्था	(1) (2) (3) (4) (5)
11. प्रवेश विकास आणि उपलब्धता/ सुविधा	(1) (2) (3) (4) (5)
12. प्रयोगशाळा सुविधा	(1) (2) (3) (4) (5)
13. ग्रंथालय सुविधा	(1) (2) (3) (4) (5)
14. एकूण उपलब्ध सुविधा	(1) (2) (3) (4) (5)
15. आपल्या सूचना/अपेक्षा	

सही: म. वि. मृदु  
 पालकांचे नाव: संजय विठोबा मृदु

दिनांक: 24/08/2023

**कृषि महाविद्यालय, बदनापूर**  
**College of Agriculture, Badnapur**  
 Dist - Jalna (MS) - 431 202 | Ph: 02482 261034 | Email: adpcab@gmail.com

**FEEDBACK FORM FOR PG (M.Sc. Entomology) STUDENTS**

Class: M.Sc. (I<sup>st</sup> yr) Academic Year: 2022-2023 Date: 24/08/2023  
 Your honest and sincere feedback is expected for the enhancement of the academic environment of the institute. Further it would be helpful for the comparative evaluation of teaching quality to have continuous improvement.

Your attendance in the class	Above 80%	Between 50 to 80%	Below 50%
(Tick appropriate box)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

S. N.	Course No.	Title	Credits	Course Code	Name of the Course Teacher
1.	ENT-501	Insect Morphology	2(1+1)	CC-1	B. V. Patil
2.	ENT-502	Insect Anatomy, Physiology and Nutrition	3(2+1)	CC-2	B. V. Patil
3.	ENT-507	Biological Control of Crop Pests and Weeds	2(1+1)	CC-3	B. V. Patil
4.	ENT-510	Principles of Integrated Pest Management	2(1+1)	CC-4	B. V. Patil
5.	ENT-511	Pests of Field Crops	2(1+1)	CC-5	Dr.A.L. Suradkar
6.	ENT-504	Classification of Insects	2(1+1)	CC-6	B. V. Patil
7.	ENT-505	Insect Ecology	2(1+1)	CC-7	B. V. Patil
8.	ENT-508	Toxicology of Insecticides	3(2+1)	CC-8	B. V. Patil
9.	ENT-512	Pests of Horticultural and Plantation Crops	2(1+1)	CC-9	Dr.A.L. Suradkar
10.	ENT-504	Classification of Insects	2(1+1)	CC-10	B. V. Patil
11.	ENT-518	Techniques in Plant Protection	1(0+1)	CC-11	B. V. Patil
12.	ENT-591	Master's seminar	1(0+1)	CC-12	B. V. Patil

Fill the appropriate Marks Out of 5 in Corresponding column.

Course Code	CC-1	CC-2	CC-3	CC-4	CC-5	CC-6	CC-7	CC-8	CC-9	CC-10	CC-11	CC-12
1.Syllabus Covered	5	5	5	5	5	5	5	5	5	5	5	5
2.Lecture held as per time table	5	5	5	5	5	5	5	5	5	5	5	5
3.Lecture well prepared and organized	5	5	5	5	5	5	5	5	5	5	5	5
4.Effective communication of subject matter and clarity of speech	5	5	5	5	5	5	5	5	5	5	5	5
5. Effective use of black boards / audio-visual aids.	5	5	5	5	5	5	5	5	5	5	5	5
6.Communication skills	5	5	5	5	5	5	5	5	5	5	5	5
7.Interactive lectures	5	5	5	5	5	5	5	5	5	5	5	5
8. Knowledge of the Subject	5	5	5	5	5	5	5	5	5	5	5	5
9.Effective teaching from exam point of view	5	5	5	5	5	5	5	5	5	5	5	5
10. Encouragement by the teacher for co-curricular & Extracurricular activities.	5	5	5	5	5	5	5	5	5	5	5	5

Overall impression of the teacher.(Total)	5	5	5	5	5	5	5	5	5	5	5	5
Best Teacher in your View (Name)	5	5	5	5	5	5	5	5	5	5	5	5

Excellent-5, Good-4, Adequate-3, Average-2, Unsatisfactory-1.

Name of Students: Khandu Umesh Sanjay Reg. No. 2021A16M13 Sign: [Signature]



<p>Dear Sir/Ma'am, Greetings for the day.          First, I/we would like to Thank you to each one of you from the bottom of my/our heart for all the support you had extended for conducting the Scientific Outreach Program in the campus of College of Agriculture Badanapur (Dist- Jalna, MS) on 9<sup>th</sup> October 2023. It was an amazing experience to conduct this program in the presence of honourable AD Sir, all the experience staff of this campus and talented undergraduate and post graduate students.          By this program, we got an opportunity to give basic information about Bayer as an organization across the globe and what it is doing for farming community while working on Bayer's vision of "HEALTH FOR ALL, HUNGER FOR NONE". We had a fruitful interaction with students, staff and AD Sir for the current scenarios and trends of Agriculture and we were overwhelmed by the nice questions asked by the students which were answered by the Bayer Staff to their satisfaction.          Overall, we were amazed by the response we got for this program and would like to give below mentioned rating for different categories:</p> <ol style="list-style-type: none"> <li>1. Engagement of Associate Dean Sir, Staff &amp; Students - Excellent.</li> <li>2. Welcome and Agenda timelines - Excellent.</li> <li>3. Time given to Bayer Staff - Excellent.</li> <li>4. Facilities and services provided - Excellent.</li> </ol>	<ol style="list-style-type: none"> <li>5. Arrangements done in short notice - Excellent.</li> <li>6. Campus area and ambience Excellent.</li> <li>7. Support from supportive staff and housekeeping - Excellent.</li> <li>8. Time spent for Sustainability initiative (Trees Planting)- Excellent.</li> <li>9. Food quality and other activities - Excellent.</li> </ol> <p><b>Overall, it was a very good experience and engaging session to all of us and looking forward to conduct more &amp; more such programs in the near future in this esteemed Campus.</b></p> <p><b>Once again a big Thanks to one and All from all the Bayer Staff!!!</b></p> <p>Freundliche Grüße / Best regards,  <i>Harish Warudkar</i>  <b>Testing and Operations Manager</b></p> <p>////////////////////</p> <p>Bayer BioSciencePvt Ltd.          Rice, Crop Science          Hybrid Breeding          Ohris Tech Park, Plot No. 13,          500081 Hyderabad          India  <b>Present Address:</b>  <b>Flat No.201, Wing A2,</b>  <b>Sara Gokuldharm Society,</b>  <b>Beside Aurangabad Airport,</b>  <b>Chikalhana, AURANGABAD,</b>  <b>PIN- 431007, MAHARASHTRA, INDIA.</b></p> <p>Mobile: +91 7030410322</p>



### Diagnostic Visits



**6.4.8. Students intake and attrition in the Program for last five years:**

Name of degree programme	Actual student admitted in last five years						Attrition (%)					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total	2018-19	2019-20	2020-21	2021-22	2022-23	Total
M.Sc.(Agri.) ENTO	6	6	5	5	6	28	00	00	00	00	00	00

**6.4.9. ICT application in Curricula Delivery:**

ICT is now an integral part of the teaching program. ICAR has also promoted the use of ICT in teaching and practical's. The following facilities have been created for delivering lectures.

1. Smart classroom
2. PPT Presentation
3. Internet facility
4. KOHA, J-gate, and Krishikosh online platforms are available in Library

**6.4.12.**

I, the Dean, **Dr. R. D. Ahire**, College of Agriculture, Badnapur hereby certify that the information contained in sections 6.4.1 to 6.4.9 are furnished as per the records available in the college and degree awarding university.

(R. D. Ahire)

Signature of Dean of the College with Date & Seal

**College of Agriculture, Badnapur**

**M. Sc. (Agriculture):  
[Genetics and Plant  
Breeding]**

## **6.4 Self Study Report for the College of Agriculture, Badnapur Dist. Jalna**

### **Self Study Report of PG Programme**

**(2018-19 to 2022-23)**

#### **6.4.1. Brief history of M. Sc. (Agriculture):[Genetics and Plant Breeding]**

The College of Agriculture, Badnapur dist. Jalna has been established as a constituent college of Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani. It is one of the sixth constituent college of Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani. It was established in the year 2000 vide resolution of the government of Maharashtra, Agriculture, Animal Husbandry and Dairy and Fishery Department bearing number MKV/1299/77/20A dated 29/march/2000. Under a scheme entitled “Establishment of Agricultural College, Badnapur dist. Jalna. Initially undergraduate Program B.Sc. (Agri.) degree in the faculty of Agriculture offered. The postgraduate degree M.Sc. (Agri.) started in the five disciplines viz. Agronomy, Agricultural Botany (Genetics and Plant Breeding), Agricultural Entomology, Plant Pathology, Soil Science and Agricultural Chemistry (Ref: MCAER/Education-1/2213/1082 Dated 04 June 2013 and MCAER/Education-1/87th Meeting/713/690/2013 dated 30.03.2013).

The College of Agriculture, Badnapur is funded and managed by Maharashtra Government through Vasant Rao Naik, Marathwada Krishi Vidyapeeth located at Parbhani. Most of the students of this college are from rural and socially deprived sections. Without the existence of a PG facility at this college, at least 50 percent of students from this region would have been disconnected from their higher studies. Hence, college bears the moral obligation to provide quality higher education. The college has a clear vision, mission, and objectives for qualitative development in agricultural education as the top priority and thus functions towards its attainment.

Knowledge of genetics and plant breeding plays an important role in the genetic improvement of plants. The teaching section coordinates the teaching of both UG and PG courses in the department. The postgraduate students are trained in various aspects related to the breeding of different field crops like cereals, pulses, oilseeds vegetable crops. Masters in Genetics and Plant Breeding students will be the main resource person in the seed industry.

**Mission statement:**

1. To provide higher agriculture education.
2. To fulfill the regional demand for agriculture graduates.
3. To make available agri. technocrats for regional agricultural development.
4. To train the rural youths and encourage agricultural entrepreneurship amongst students.
5. To disseminate agriculture technology among the farming community.

**Objectives**

1. To fulfill the demand of plant breeder.
2. To impart educational training in the field of genetics & plant breeding.
3. To train the students about research on different aspects of hybridization.
4. To train the rural youth and encourage them in practical skill for crop improvement.
5. To develop Leadership roles in academic, seed industry and global agricultural challenges.

**Accomplishments:** During the last five years 26 students have completed successfully the M.Sc. (Agri.) in Genetics and Plant Breeding and rendering service in different government and private sector.

**1. Number of students completed PG Program(2018-2022)**

Discipline	2018	2019	2020	2021	2022	Total
Genetics and Plant Breeding	6	6	5	4	5	26
Grand Total						26

1. During the year 2021-22 two Girl students got the admission for Ph.D. degree programme in VNMKV, Parbhani and MPKV, Rahuri.
2. MOU with ICRISAT, Hyderabad was signed in the year 2019-2020 for PG research work
3. One Student is selected as Senior Research Fellow in Rice Research Station, Karjat.
4. In all five students were selected as Plant Breeder in Kalash Seeds Ltd Jalna, MAHYCO seeds Jalna, Star Agro.Tech Seeds Pvt Ltd, Hyderabad and Green Gold Seeds, Aurangabad.
5. Five Students were serving as Assistant professor in Private Agriculture Colleges in Maharashtra.

**6.4.2. Faculty Strength (PG):**

Sr. No.	Sanctioned faculty	Sanctioned Post	Filled Post	Vacant Post
1	Head	NIL	NIL	NIL
2	Professor	NIL	NIL	NIL
3	Associate Professor	NIL	1* Dr. B. G. Kamble	Nil
4	Assistant Professor	NIL	1* Dr. S. B. Pawar	Nil

**Faculty involved in PG Teaching & Research**

Sr. No.	Type of faculty	Name & Designation	Office Address	Major Courses offered of M.Sc.
1	Research staff	Dr. J. E. Jahagirdar Principal Scientist & I/C,	ARS, Badnapur	GP 502, GP 508
		Dr. D. K. Patil Senior Scientist (Plant Breeding)	ARS, Badnapur	GP 501, GP 504
		Shri. V. K. Gite Scientist (Plant Breeding)	ARS, Badnapur	GP 504, GP 501,
		Dr. S. B. Sarode Scientist (Plant Breeding)	ARS, Badnapur	GP 503, GP 502
Sr. No.	Type of faculty	Name & Designation	Office Address	Minor Courses offered of M.Sc.
1	Research	Dr. B. G. Kamble Professor (CAS)	COA, Badnapur	SST 502, SST 503

Sr. No.	Type of faculty	Name & Designation	Office Address	Supportive Courses offered of M.Sc.
1	Academic	Dr. A.A. Choudhari Assistant Prof. Math	COA, Badnapur	STAT 506 and STAT 512

Sr. No.	Type of faculty	Name & Designation	Office Address	NCCC Courses offered of M.Sc.
1	Academic	Dr. N.D.Deshmukh Dr. N.D.Deshmukh Dr.K.T.Jadhav Dr.K.T.Jadhav	COA, Badnapur	PGS 502 PGS 503 PGS 505 PGS 506

**6.4.3. Technical and Supporting Staff:**

Sr.No	Cadre	Sanctioned Post	Filled Position	Vacant Post	Faculty recommended by the ICAR
1	Senior Research Assistant	-	NIL	-	--
2	Junior Research Assistant	-	NIL	-	--
3	Agriculture Assistant	-	NIL	-	--

**6.4.4. Classrooms and Laboratories:**

**1. Classroom**

Sr. No.	Classroom	Student Capacity	Size(Sq. ft)	Justify if it sufficient to the meat required
1	1	40	800	Interactive board, internet and projector facility and fulfill the requirement.

**2. Laboratories**

Sr. No.	Laboratory	Student Capacity	Size (Sq. ft)	Justify if it sufficient to the meat required
1	1	20	600	Fulfill the requirement of a PG program

**List of major equipment**

Sr. No.	PG Laboratory	PG Laboratory	PG Laboratory
1	Arc Auxanometer (Growth)	16	Seed grader/ separator
2	Leaf Area Meter	17	Electronic Balance
3	Microscope	18	Hot Air Oven
4	Slides (Mitosis and Meiosis)	19	Small Autoclave
5	Stick tiers	20	Interactive board set with USB cods, Pens,
6	Seed Beans	21	Sony Overhead projector PG with Remote
7	Seed Divider (brass Metal)	22	Wooden Germination Box
8	Monocular Microscope IS 3686	23	Seed Dividers gamete Types
9	Glass distillery with iron Stand	24	Seed Counter
10	Digital pH meter	25	Purity Work Boards
11	Binocular Microscope	26	Over Head Projector
12	Speed Regulator	27	Seed Germinator Indsaw make
13	Automatic voltage regulator Logic star	28	Hot Air Seed Drier Indsaw make
14	Autoclave	29	Seed Drier horizontal
15	Hot air oven		

**3. Farm facilities**

Sr. No.	Area	Irrigation facilities	Remarks
1	0.8 ha	Sprinkler irrigation set - 01	Experiment of M.Sc.(Agri.) students conducted

## PG Classrooms and Laboratories



### Conduct of Practicals and Hands on Training:

The college is making all efforts to impart the necessary skills and confidence among the postgraduate students for self-employment through first-hand experience of running model farms and pilot plants during study.

The college has excellent PG teaching faculty, all of them involved in teaching, research, and extension. All the departments have well-equipped labs wherein students are involved in conducting practical's like Meiosis, Male sterility, Seed production, Abiotic, and Biotic stress management, Screening of genotypes, and purification, etc.

The practical classes were conducted to ensure the development of practical skills based on theoretical knowledge, field studies/visits, industry visits, and study tours to ensure skill development and the building up of entrepreneurship in relevant subjects.



**Hands on training**





**6.4.6. Supervision of Students in PG: (2018-19 to 2022-23)**

**M.Sc. (Agriculture) (Degree Awarded)**

Sr. No.	Name of faculty	2018	2019	2020	2021	2022	Total
1	Dr. S.B.Sarode Assistant Professor COA, Badnapur	1	2	2	2	1	8
2	Dr. J.E.Jahagirdar Principal Scientist & I/C, ARS, Badnapur	2	2	1	-	-	5
3	Dr. D.K.Patil Senior Scientist, ARS, Badnapur	2	2	2	1	1	8
4	Dr. V.K.Gite Scientist (Plant Breeding) ARS, Badnapur	1	-	-	-	1	2
5	Dr. H. H. Bhadarge	-	-	-	-	-	-
6	Dr. A. B. Bagde	-	-	-	1	1	2
7	Dr. B. G. Kamble	-	-	-	-	1	1
Total		6	6	5	4	5	26

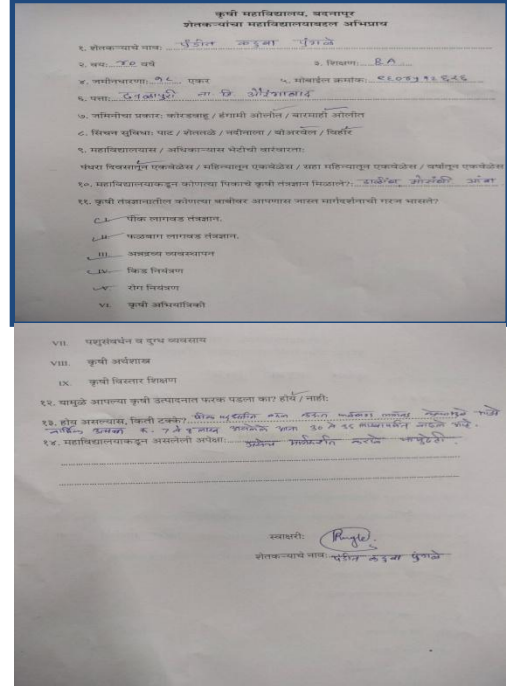
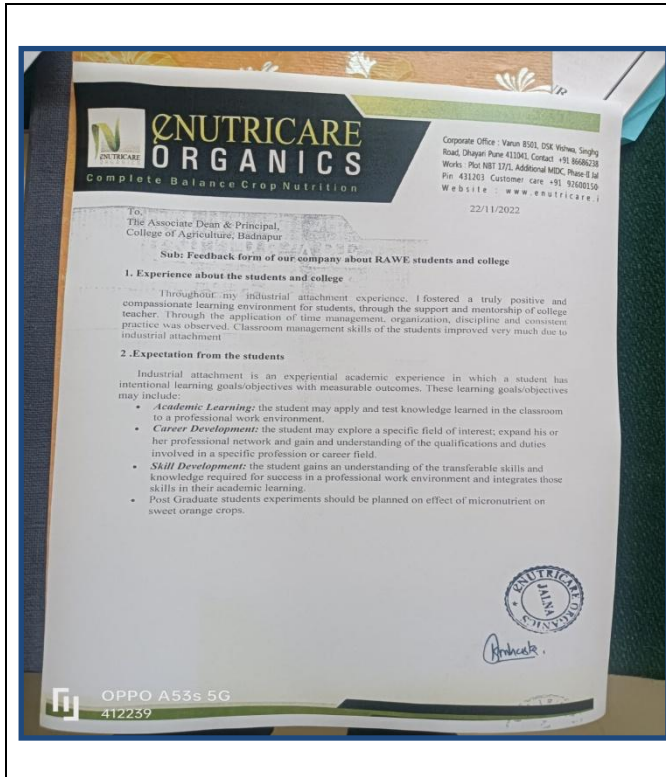
**Intake capacity and No. of qualified faculty (2018-23)**

Sr. No.	Year	Course	Intake capacity of department	No. of qualified faculty
1	2018-19	M.Sc. (Agri.) GPB	06	06
2	2019-20	M.Sc. (Agri.) GPB	06	06
3	2020-21	M.Sc. (Agri.) GPB	07	06
4	2021-22	M.Sc. (Agri.) GPB	06	06
5	2022-23	M.Sc. (Agri.) GPB	07	06

**6.4.7. Feedback of Stakeholders (Students, Parents, Industry, Employer, Farmer etc.)**

<b>Sr. No.</b>	<b>Type of stakeholders</b>	<b>Feedback mechanism</b>	<b>Action Taken</b>
1	Students	Advisory system For PG SAC and Research guide system Students counseling and placement cell	Yearly duly filled feedback forms from students were collected
2	Parents	Parents meeting at college level	Yearly duly filled feedback forms from parents were collected
3	Industries	Industrial meet	Campus interviews conducted
4	Employers	Meetings/Individual appraisal	Campus interviews conducted
5	Farmers	Diagnostic visits, research trials	Yearly duly filled feedback forms from farmers were collected

Feedback From Stake Holders



Educational Tour



## Diagnostic Team



6.4.8. Students' intake and attrition in the Program for last five years:

Name of degree programme	Actual student admitted in last five years						Attrition (%)					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total	2018-19	2019-20	2020-21	2021-22	2022-23	Total
M. Sc. (Agri.) GPB	6	6	5	4	5	26	00	00	0	20	0	4%

#### 6.4.9. ICT application in Curricula Delivery:

ICT is now an integral part of the teaching programme. ICAR has also promoted the use of ICT in teaching and practical's. The following facilities have been created for delivering lectures.

1. Smart classroom
2. PPT Presentation
3. Internet facility
4. KOHA, J-gate, Krishikosh online platforms are available in Library

#### 6.4.12.

I, the Dean, **Dr. R. D. Ahire**, College of Agriculture, Badnapur hereby certify that the information contained in sections 6.4.1 to 6.4.9 are furnished as per the records available in the college and degree awarding university.

(R. D. Ahire)

Signature of Dean of the College with Date & Seal  
**College of Agriculture, Badnapur**



# M. Sc. (Agriculture): [Plant Pathology]

## Self Study Report of PG Programme

(2018-19 to 2022-23)

### 6.4.1. Brief history of M. Sc. (Agriculture):[Plant Pathology]

The College of Agriculture, Badnapur dist. Jalna has been established as a constituent college of Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani. It is one of the sixth constituent college of Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani. It was established in the year 2000 vide resolution of the government of Maharashtra, Agriculture, Animal Husbandry and Dairy and Fishery Department bearing number MKV/1299/77/20A dated 29/march/2000. Under a scheme entitled “Establishment of Agricultural College, Badnapur dist. Jalna”. Initially undergraduate Program B. Sc. (Agri.) degree in the faculty of Agriculture offered. The postgraduate degree M.Sc. (Agri.) started in the five disciplines viz. Agronomy, Agricultural Botany (Genetics and Plant Breeding), Agricultural Entomology, Plant Pathology, Soil Science and Agricultural Chemistry (Ref: MCAER/Education-1/2213/1082 Dated 04 June 2013 and MCAER/Education-1/87th Meeting/713/690/2013 dated 30.03.2013).

The College of Agriculture, Badnapur is funded and managed by the Maharashtra Government through Vasant Rao Naik, Marathwada Krishi Vidyapeeth located at Parbhani. Most of the students of this college are from rural and socially deprived sections. Without the existence of a PG facility at this college, at least 50 percent of students from this region would have been disconnected from their higher studies. Hence, college bears the moral obligation to provide quality higher education. The college has a clear vision, mission, and objectives for qualitative development in agricultural education as the top priority and thus functions towards its attainment.

#### Mission statement:

1. To provide higher agriculture education.
2. To fulfill the regional demand for agriculture graduates.
3. To make available agri. technocrats for regional agricultural development.
4. To train the rural youths and encourage agricultural entrepreneurship amongst students.
5. To disseminate agriculture technology among the farming community.

#### Objectives

1. To fulfill the demand for Agriculture graduates in plant pathology.
2. To impart educational training in the field of biotic & abiotic diseases.
3. To train the students about research on different pathological aspects.
4. To train the rural youth and encourage them for self-employment through plant health clinic, mushroom cultivation & biopesticide - biofertilizer production.

- To disseminate integrated disease management practices through extension activities.

**Accomplishments**

During the last five year 25 students completed PG degree successfully and working in different public and private sector.

**1. Number of students completed PG Program(2018-2022)**

Discipline	2018	2019	2020	2021	2022	Total
Plant Pathology	5	5	5	5	5	25
Grand Total						25

- During the year 2021-22 one student Shri. Lalit Patil qualified SRF and admitted for Ph.D. in Plant Pathology at Indian Agricultural Research Institute, New Delhi.
- Established Mushroom cultivation Unit at COA Badnapur in the year 2020-21 for PG research.
- Eight students are admitted for Ph. D degree programme at various universities
- Mahesh Bansode, was selected as Quarantine officer in central government.
- Dissemination of new improved technologies on IDM in various agronomical and horticulture crops were done on regular basis through farmers trainings, field days, farmers rallies, demonstrations etc.

**6.4.2. Faculty Strength (PG):**

Sr. No.	Sanctioned faculty	Sanctioned Post	Filled Post	Vacant Post	Faculty recommended by the ICAR	Deviation ** (%)
1	Head	NIL	NIL	NIL	1	100
2	Professor	NIL	NIL	NIL	1	100
3	Associate Professor	NIL	1 Dr. D. G. Hingole	NIL	3	66
4	Assistant Professor	NIL	1*Dr. S.V.Pawar 2*Shri. K.V. Swami(Ad hoc)	NIL	3	66

**Faculty involved in PG Teaching & Research**

Sr. No.	Type of faculty	Name & Designation	Major Courses Offered	Office Address
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1	Research staff	Dr. P.H.Ghante Senior Scientist (Plant Pathology)	PL PATH 503	ARS, Badnapur
		Dr.D.G.Hingole Scientist	PL PATH 502(New) PL PATH 504	NARP, Aurangabad
2	Extension	Dr. S.D.Somwanshi In charge, KVK	PL PATH 505	KVK, Badnapur
3	Teaching	Dr.S.V.Pawar Assistant Professor	PL PATH 515 PL PATH 501 PL PATH 591	College of Agriculture, Badnapur
4	Research	Dr. P. L. Sontakke Assistant Professor	PL PATH 506	ARS Badnapur

Sr. No.	Type of faculty	Name & Designation	Minor/Supporting Courses Offered	Office Address
1	Teaching	Dr. D. S. Mutkule Dr. A. L. Suradkar	ENT508, ENT509,	College of Agriculture, Badnapur
2	Research	Dr. V. K.Gite/ Dr. S. B. Pawar	GPB502,GPB516	ARS,Badnapur
3	Teaching	Dr. N. D. Deshmukh	PGS-502	College of Agriculture, Badnapur
4	Teaching	Dr. A.A Chaudhari / Dr. G. Khorne	STAT-511, PGS-503	College of Agriculture, Badnapur
5	Teaching	Dr. S. V.Dhage, Dr. V. S. Jadhav	PGS-501,	College of Agriculture, Badnapur
6	Teaching	Dr. S. S. Mane	PGS-504	College of Agriculture, Badnapur

#### 6.4.3. Technical and Supporting Staff:

Sr. No.	Cadre	Sanctioned Post	Filled /Position	Vacant Post	Faculty recommended by the ICAR
1	Senior Research Assistant	-	NIL	-	--
2	Junior Research Assistant	-	NIL	-	--
3	Agriculture Assistant	-	01	-	--

#### 6.4.4. Classrooms and Laboratories:

##### 1. Classroom

Sr. No.	Classroom	Student Capacity	Size (Sq.ft)	Justify if it sufficient to the meat required
1	OneCombine with Agril.Botany	40	600	Interactive board, internet and projector facility and fulfill the requirement.

### 2. Laboratories

Sr. No.	Laboratory	Student Capacity	Size (Sq.ft)	Justify if it sufficient to the meat required
1	1	20	500	Fulfill the requirement of a PG programme

### List of major equipment

Sr. No.	PG Laboratory	PG Laboratory
1	Vertical Autoclave	5 ELISA reader
2	Laminar Air Flow	6 ELISA washer
3	Hot air oven	7 Ultra Centrifuge
4	BOD Incubator	8 Refrigerator

### 3. Farm facilities

Sr. No.	Area	Irrigation facilities	Remarks
1	0.8 ha	Sprinkler irrigation set - 01	Experiment of M.Sc.(Agri.) students conducted

**PG Classrooms and Laboratories**



#### 6.4.5. Conduct of Practical's and Hands on Training:

The college is making all efforts to impart the necessary skills and confidence among the postgraduate students for self-employment through first-hand experience of running model farms and pilot plants during study.

The college has excellent PG teaching faculty, all of them involved in teaching, research, and extension. All the departments have well-equipped labs wherein students are involved in conducting practicals like sterilization of media, management of diseases, Plant virus isolation, and purification, detection of seed borne pathogens. Study of symptoms produced by different plant pathogenic bacteria, study of morphological features of different fungi, IPM, Scouting, Survey and Surveillance of diseases etc.

The practical classes were conducted to ensure the development of practical skills based on theoretical knowledge, field studies/visits, industry visits, and study tours to ensure skill development and building up of entrepreneurship in relevant subjects.



**M.Sc. (Agri.) Plant Pathology Students Research Plot and Chickpea disease survey with farmer**



**M.Sc. (Agri.) Plant Pathology Students research invitro and Pathogenicity**



Inoculation in laminar air flow and growth of pathogen



Disease diagnosis in poly-house



Research trial on field



Study of dual culture technique



Study of etiology of pathogen



Survey of plant disease on farmer's field



Mass multiplication of pathogen culture



**6.4.6. Supervision of Students in PG: (2018-19 to 2022-23)**

**M.Sc. (Agriculture) (Degree Awarded)**

Sr. No.	Name of faculty	2018	2019	2020	2021	2022	Total
1	Dr. D.G. Hingole Associate Professor NARP, Aurangabad	3	1	2	2	1	9
2	Dr. G. P.Jagtap Associate Professor, College of Horticulture VNMKV, Parbhani	-	-	2	1	2	5
3	Dr. P. H. Ghante Senior Scientist ARS, Badnapur	-	2	1	2	1	6
4	Dr. R. A. Chavan Associate Professor COA, Ambejogai	2	2	-	-	-	4
5	Dr. P.L. Sontakke Asstt. Professor ARS, Badnapur	--	--	--	--	1	1
Total		5	5	5	5	5	25

**Intake capacity and No. of qualified faculty (2018-19 to 2022-23)**

Sr. No.	Year	Course	Intake capacity of department	No. of qualified faculty
1	2018-19	M.Sc. (Agri.) Plant Pathology	06	05
2	2019-20	M.Sc. (Agri.) Plant Pathology	06	05
3	2020-21	M.Sc. (Agri.) Plant Pathology	06	05
4	2021-22	M.Sc. (Agri.) Plant Pathology	06	05
5	2022-23	M.Sc. (Agri.) Plant Pathology	07	07

**6.4.7. Feedback of Stakeholders (Students, Parents, Industry, Employer, Farmer etc.)**

<b>Sr.No.</b>	<b>Type of stakeholders</b>	<b>Feedback mechanism</b>	<b>Action Taken</b>
1	Students	Advisory system For PG SAC and Research guide system Students counseling and placement cell	Yearly duly filled feedback forms from students were collected
2	Parents	Parents meeting at college level	Yearly duly filled feedback forms from parents were collected
3	Industries	Industrial meet	Campus interviews conducted
4	Employers	Meetings/Individual appraisal	Campus interviews conducted
5	Farmers	Diagnostic visits, research trials	Yearly duly filled feedback forms from farmers were collected



## Diagnostic Visits



Disease Identification and management



Interaction with farmer about disease management



Visit on farmer's field



Group discussion with farmers about IDM



Interaction with farmers and company regarding production technology and disease management



**6.4.8. Students' intake and attrition in the Program for last five years:**

Name of degree programme	Actual student admitted in last five years						Attrition (%)					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total	2018-19	2019-20	2020-21	2021-22	2022-23	Total
M.Sc.(Agri.) Plant Pathology	6	6	6	7	5	30	16.66	16.66	16.66	16.66	00	13.3

**6.4.9. ICT application in Curricula Delivery:**

ICT is now an integral part of the teaching program. ICAR has also promoted the use of ICT in teaching and practical. The following facilities have been created for delivering lectures.

1. Smart classroom
2. PPT Presentation
3. Internet facility
4. KOHA, J-gate, and Krishikosh online platforms are available in Library

**6.4.12.**

I, the Dean, **Dr. R. D. Ahire**, College of Agriculture, Badnapur hereby certify that the information contained in sections 6.4.1 to 6.4.9 are furnished as per the records available in the college and degree awarding university.



(R. D. Ahire)

Signature of Dean of the College with Date & Seal  
**College of Agriculture, Badnapur**

# **M. Sc. (Horticulture):**

## **[Fruit Science]**

## **6.4 Self Study Report for the College of Agriculture, Badnapur Dist. Jalna**

### **Self Study Report of PG Programme**

**(2018-19 to 2022-23)**

#### **6.4.1. Brief history of M. Sc. (Horticulture): [Fruit Science]**

The College of Agriculture, Badnapur dist. Jalna has been established as a constituent college of Vasantao Naik Marathwada Krishi Vidyapeeth, Parbhani. It is one of the sixth constituent college of Vasantao Naik Marathwada Krishi Vidyapeeth, Parbhani. It was established in the year 2000 vide resolution of the government of Maharashtra, Agriculture, Animal Husbandry and Dairy and Fishery Department bearing number MKV/1299/77/20A dated 29/march/2000. Under a scheme entitled “Establishment of Agricultural College, Badnapur Dist. Jalna. Initially undergraduate Program B.Sc. (Agri.) degree in the faculty of Agriculture offered. The post-graduate degree M.Sc. (Hort.) started in the Fruit Science discipline (Ref: MCAER/Education-1/2213/1082 Dated 04 June 2013 and MCAER/Education-1/87th Meeting/713/690/2013 dated 30.03.2013).

The College of Agriculture, Badnapur is funded and managed by the Maharashtra Government through Vasantao Naik, Marathwada Krishi Vidyapeeth located at Parbhani. Most of the students of this college are from rural and socially deprived sections. Without the existence of a PG facility at this college, at least 50 percent of students from this region would have been disconnected from their higher studies. Hence, college bears the moral obligation to provide quality higher education. The college has a clear vision, mission, and objectives for qualitative development in agricultural education as the top priority and thus functions towards its attainment.

#### **Mission statement:**

1. To provide higher agriculture education.
2. To fulfill the regional demand for agriculture graduates.
3. To make available agri. technocrats for regional agricultural development.
4. To train the rural youths and encourage agricultural entrepreneurship amongst students.
5. To disseminate agriculture technology among the farming community.

#### **Objectives**

1. To fulfill the demand for horticulture graduates.
2. To impart educational training in the field of fruit science.
3. To train the students about research on different aspects of pomology.

4. To train the rural youth and encourage them for self-employment through nursery management, fruit processing technique.
5. To disseminate fruit production technologies through extension activities.

**Accomplishments:**

In all 25 students were admitted and completed the PG degree successfully. Out of these some students were admitted for the Ph.D. Degree programme, started the business of nursery, industry and some are preparing for comparative examinations.

**1. Number of students completed PG Program(2018-2022)**

The number of students completed PG program are as follows.

Discipline	2018	2019	2020	2021	2022	Total
Horticulture	4	6	6	4	5	25
Grand Total						25

1. Establishment of mother orchards of Mango (Var.Keshar), Pomegranate (Var. Solapur Red, Super Bhagawa), Fig (Var. Dinkar, Puna fig,) Guava (L 49, Lalit) for nursery and PG experiments.
2. MOU with NIASM, Baramati and MAHYCO, Jalnawas signed in 2021-2022 for PG research collaboration.
3. PG Student from fruit science Mr. Nilesh Narule selected as Assistant Manager Adani group in campus interview during 2022-23.
4. Students passed during 2018-2023 are presently working as Assistant Professor in various affiliated Agriculture colleges in SAU's.
5. Dissemination of improved fruit crop production technologies of various crops on regular basis through farmers trainings, field days, farmers rallies, demonstrations etc.

**6.4.2. Faculty Strength (PG):**

**1) Section of Horticulture (Fruit Science)**

Sr. No	Sanctioned faculty	Sanctioned Post	Filled Post	Vacant Post
1	Head	NIL	NIL	NIL
2	Professor	NIL	NIL	NIL
3	Associate Professor	NIL	1 Dr. S. G. Patil (Since 29.06.2021 additional services)	NIL
		NIL	<b>Guest Faculty-</b>	



			1.Dr.G.M.Waghmare 2. Dr.S.S.Mane 3.Dr.K.T.Jadhav	
4	Assistant Professor	NIL	1*Shri.U.M.Naglot, (Dr. R. V. Nainwad) (upto3.7.2019) 2. Dr. S. G. Patil (4.7.2019to 28.6.2021) 3.Dr. A. A. Chaudhari/ Dr.G.W.Khorne 4. Dr. N. D. Deshmukh	NIL

**Faculty involved in PG Teaching & Research**

Sr. No.	Type of faculty	Name & Designation	Major Courses offered	Office Address
1	Research	Dr. M.B.Patil	FSC 503, FSC 506, FSC 510	SORS, Badnapur
2		Dr.G.M.Waghmare	PG Research	HOD, Horti
3		Dr.R.V.Nainwad	PG Research	FRS, Aurangabad

**Faculty acting as supporting staff in PG Teaching & Research**

Sr. No.	Type of faculty	Name & Designation	Minor Courses offered	Office Address
1	Teaching	Dr. G.U. Karad	SOIL-503, SOIL-508	COA Badnapur
2		Dr.Laxmipriya	STAT-511	COA Badnapur
3		Dr. K.T. Jadhav	AGRON-505	ARS Badnapur
4		Dr. V.K. Gite	GPB-510	ARS Badnapur
5		Dr.AshishAnerao	STAT-512	COA Badnapur
6		Dr. N.D. Deshmukh	PGS-501	COA Badnapur
7		Dr. S.S. Mane	PGS-504	COA Badnapur
8		Dr.P.G. Chavan	PGS-506	COA Badnapur
9		Dr.S.B. Pawar	GPB-502	COA Badnapur
10		Dr.G. W.Khorne	STAT-502	COA Badnapur

Government of Maharashtra, Agriculture, Animal Husbandry and Dairy and Fishery Department bearing number MKV/1299/77/20A dated 29/march/2000, posts have been sanctioned for a UG program.

**6.4.3. Technical and Supporting Staff:**

Sr. No.	Cadre	Sanctioned Post	Filled / Position	Vacant Post	Faculty Recommended by the ICAR
1	Senior Research Assistant	-	01	-	--
2	Junior Research Assistant	-	NIL	-	--
3	Agriculture Assistant	-	NIL	-	--

**6.4.4. Classrooms and Laboratories:**

**1. Classroom**

Sr. No.	Classroom	Student Capacity	Size (Sq.ft)	Justify if it sufficient to the meat required
1	1	30	600	Interactive board, internet and projector facility and fulfill the requirement.

**2. Laboratories**

Sr. No.	Laboratory	Student Capacity	Size(Sq.ft)	Justify if it sufficient to the meat required
1	1	20	500	Fulfill the requirement of a PG program

**List of major equipment**

Sr. No.	PG Laboratory		
1	Distillation Unit	7	Microscope
2	Duster (Sprayer)	8	Deep Freezer
3	Digital Balance(Big)	9	Micropipette
4	Digital Balance (Small)	10	Hand Refractometer
5	Lawnmower	11	Set of Garden tools and implements
6	Knapsack Spray		

### 3. Farm facilities

Sr. No.	Area (ha)	Irrigation facilities	Remarks
1	0.3	Sprinkler	Experiment of M.Sc.(Hort.) students conducted
2	0.40	Drip	Formal Garden
3	0.20	Drip	Medicinal Garden
4	5.00	Drip	Mother block of Mango, Custard Apple, Guava, Fig, Pomegranate
5	0.05 ha	Fogger	Mist Chamber
6	11 ha	Forestry plantation	
<b>Total</b>	<b>16.95 ha</b>		

#### 6.4.5. Conduct of Practical's and Hands on Training:

The college is making all efforts to impart the necessary skills and confidence among the postgraduate students for self-employment through first-hand experience of running model farms and pilot plants during study.

The college has excellent PG teaching faculty, all of them involved in teaching, research, and extension. All the departments have well-equipped labs wherein students are involved in conducting practicals like, Protected cultivation, budding, grafting, nursery management, etc.

The practical classes were conducted to ensure the development of practical skills based on theoretical knowledge, field studies/visits, industry visits, and study tours to ensure skill development and the building up of entrepreneurship in horticulture.

**PG Classrooms and Laboratories**



**Hands on training**



**Research trials**

**6.4.6. Supervision of Students in PG: (2018-19 to 2022-23)**

**M.Sc. (Horticulture)(Degree Awarded)**

Sr. No.	Name of faculty	2018	2019	2020	2021	2022	Total
1	Shri. U.M. Naglot Assistant Professor COA, Badnapur	1	1	1	1	-	4
2	Shri. R.V. Nainwad Assistant Professor COA, Badnapur	-	-	1	1	1	3
3	Dr. M.B. Patil Professor SORS, Badnapur	2	3	1	1	1	8
4	Dr. S.G. Patil Associate professor	-	2	2	1	2	7
5	Dr. G.M. Waghmare Head, Dept of Horticulture, VNМКV, Parbhani	1	-	1	-	1	3
	<b>Total</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>25</b>

**Intake capacity and No. of qualified faculty (2018-19 to 2022-23)**

Sr. No.	Year	Course	Intake capacity of department	No. of qualified faculty
1	2018-19	M.Sc. (Agri.) Hort.	06	04
2	2019-20	M.Sc. (Agri.) Hort.	06	05
3	2020-21	M.Sc. (Agri.) Hort.	06	05
4	2021-22	M.Sc. (Agri.) Hort.	06	05
5	2022-23	M.Sc. (Agri.) Hort.	06	04

**6.4.7. Feedback of Stakeholders (Students, Parents, Industry, Employer, Farmer etc.)**

<b>Sr.No.</b>	<b>Type of stakeholders</b>	<b>Feedback mechanism</b>	<b>Action Taken</b>
1	Students	Advisory system For PG SAC and Research guide system Students counseling and placement cell	Yearly duly filled feedback forms from students were collected
2	Parents	Parents meeting at college level	Yearly duly filled feedback forms from parents were collected
3	Industries	Industrial meet	Campus interviews conducted
4	Employers	Meetings/Individual appraisal	Campus interviews conducted
5	Farmers	Diagnostic visits, research trials	Yearly duly filled feedback forms from farmers were collected

## Feedback From Students

**College of Agriculture, Badnapur**  
Dist - Jalna (MS) - 431 202 | Ph. - 02482 261034 | Email: adpcab@gmail.com

**FEEDBACK FORM FOR PG STUDENTS**  
Academic Year: \_\_\_\_\_ Date: 03/10/2023

Class: II (SEM) Your honest and sincere feedback is expected for the enhancement of the academic environment of the institute. Further it would be helpful for the comparative evaluation of teaching quality to have continuous improvement.

Your attendance in the class (Tick appropriate box)	Above 80%	Between 50 to 80%	Below 50%
Excellent-5,	Good-4,	Adequate-3,	Average-2, Unsatisfactory-1.

Sr. No.	Subject	Course Credit	Course Code	Name of the Course Teacher
1.	ESC-505	2+1=3	CC-1	Dr. S. G. Patil
2.	ESC-504	2+1=3	CC-2	Dr. S. G. Patil
3.	ESC-505	2+1=3	CC-3	Dr. S. G. Patil
4.	ESC-504	2+1=3	CC-4	Dr. S. G. Patil
5.	ESC-508	2+1=3	CC-5	Dr. G. D. Vastel
6.	ESC-508	2+1=3	CC-6	Dr. G. D. Vastel
7.	ESC-508	2+1=3	CC-7	Dr. G. D. Vastel
8.			CC-8	

Fill the appropriate Marks in Corresponding column.

Course Code	CC-1	CC-2	CC-3	CC-4	CC-5	CC-6	CC-7	CC-8
1. Syllabus Covered	5	5	5	5	5	5	5	
2. Lecture held as per time table	5	4	5	5	5	5	5	
3. Lecture well prepared and organized	4	5	5	5	5	5	5	
4. Effective communication of subject matter and clarity of speech	5	5	5	5	5	4	5	
5. Effective use of black boards / audio-visual aids.	5	4	5	5	5	5	5	
6. Communication skills	5	5	5	5	5	5	5	
7. Interactive lectures	5	5	5	5	5	4	5	
8. Knowledge of the Subject.	5	5	5	5	5	5	5	
9. Effective teaching from exam point of view	5	5	5	5	5	5	5	
10. Encouragement by the teacher for co-curricular & Extracurricular activities.	5	5	5	5	5	5	5	
*Overall impression of the teacher (Total)	43	48	50	50	50	48	50	
Best Teacher in your View (Name)								

Name of Students: Prityanka Rajesh Ingle Reg. No. 2022H23M8 Sign: Ingle

**College of Agriculture, Badnapur**  
Dist - Jalna (MS) - 431 202 | Ph. - 02482 261034 | Email: adpcab@gmail.com

**पदव्युत्तर विद्यार्थ्यांच्या पालकांची प्रतिक्रिया**

विद्यार्थ्यांचे नाव : भास्कर शिवाजी शेळगे  
 नोंदणी क्र. : 2022H23M8  
 पालकांचे नाव : भास्कर शेळगे  
 व्यवसाय : Agri Business (Private Job)  
 पत्ता : विश्वेस वठार तोंड नं. 9 कांदो कवठीत अमोही  
 दूरध्वनी क्र. : 98 2355 3274

**पालकांनी खालील प्रमाणे मूल्यांकन करावे.**

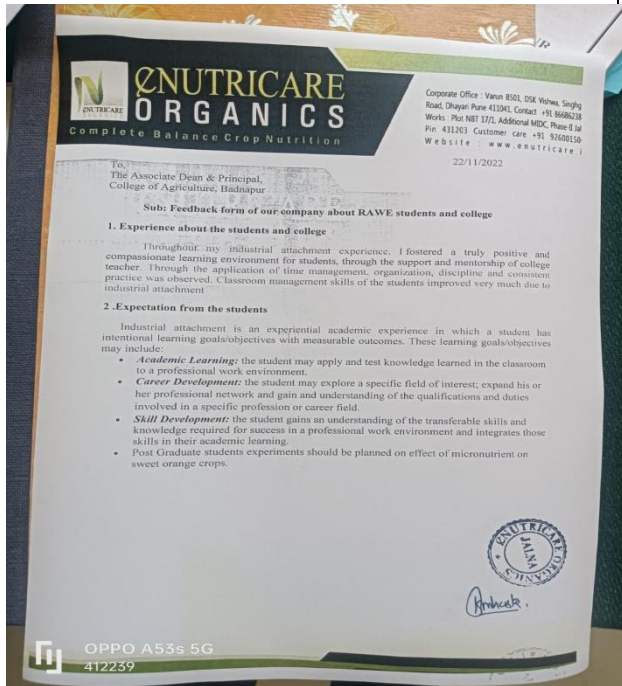
१. अतिउत्तम २. उत्तम ३. छान ४. ठिक ५. संवत्साराग

प्रश्नावली	१	२	३	४	५
१. प्रवेश प्रक्रिया आपले मूल्यांकन		2			
२. पालक विद्यार्थ्यां / प्राध्यापक मेळावा		2			
३. शिक्षकांचे पालकां प्रती विद्यार्थ्यां प्रति वलयुक्त		2			
४. अध्यापक संस्कृती	1				
५. विद्यार्थ्यांचे एकूण व्यक्तीमत्त्व विकास		2			
६. परिसर सुरक्षा		1			
७. वसतीगृह सुविधा		2			
८. मस सुविधा	1				
९. परिसरातील सर्व घटकांचा एकमेकांशी समन्वय		2			
१०. शाहर वाहतूक व्यवस्था		2			
११. प्रवेश विभागा उपसंस्थाना / सुविधा	1				
१२. प्रयोगशाळा सुविधा		1			
१३. ग्रंथालय सुविधा		1			
१४. एकूण उपलब्ध सुविधा		1			
१५. आपल्या सुचना / अपेक्षा		1			

दिनांक: 3/10/23

सही: भास्कर शेळगे  
पालकांचे नाव: भास्कर शेळगे

## Feedback From Stake Holders



**कृषी महाविद्यालय, बदनपूर**  
शेतकऱ्यांकरिता महाविद्यालयपालक अधिकाऱ्यास

१. शेतकऱ्यांचे नाव: श्री. शिवाजी शेळगे  
 २. पत्ता: कांदो  
 ३. नोंदणी क्रमांक: २०२२H23M8  
 ४. शेतकऱ्यांचे नाव: भास्कर शेळगे  
 ५. शेतकऱ्यांचे पेशा: अध्यापक  
 ६. शेतकऱ्यांचे पत्ता: विश्वेस वठार तोंड नं. 9 कांदो कवठीत अमोही  
 ७. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 ८. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 ९. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 १०. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 ११. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 १२. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 १३. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 १४. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 १५. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 १६. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 १७. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 १८. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 १९. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 २०. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 २१. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 २२. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 २३. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 २४. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 २५. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 २६. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 २७. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 २८. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 २९. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम  
 ३०. शेतकऱ्यांचा प्रकार: शेतकरी/अधीनस्थ/बांधकाम/बांधकाम/बांधकाम

संस्था: Nutricare  
शेतकऱ्यांचे नाव: श्री. शिवाजी शेळगे

### Diagnostic Visits





**6.4.8. Students intake and attrition in the Program for last five years:**

Name of degree programme	Actual student admitted in last five years						Attrition (%)					
	2018-19	2019-20	2020-21	2021-22	2022-23	Total	2018-19	2019-20	2020-21	2021-22	2022-23	Total
M.Sc.(Hort) Fruit Science	6	6	6	5	5	28	0	33.32	00	00	16.66	9.8

**6.4.9. ICT application in Curricula Delivery:**

The ICT is now an integral part of the teaching programme. ICAR has also promoted the use of ICT in teaching and practical's. The following facilities have been created for delivering lectures.

1. Smart classroom
2. PPT Presentation
3. Internet facility
4. KOHA, J-gate, and Krishikosh online platforms are available in the library.

**6.4.12**

I, the Dean, **Dr. R. D. Ahire**, College of Agriculture, Badnapur hereby certify that the information contained in sections 6.4.1 to 6.4.9 are furnished as per the records available in the college and degree awarding university.

(R. D. Ahire)

Signature of Dean of the College with Date & Seal

**College of Agriculture, Badnapur**

## Self Study Report of the College

### 6.5.1. College Administration:

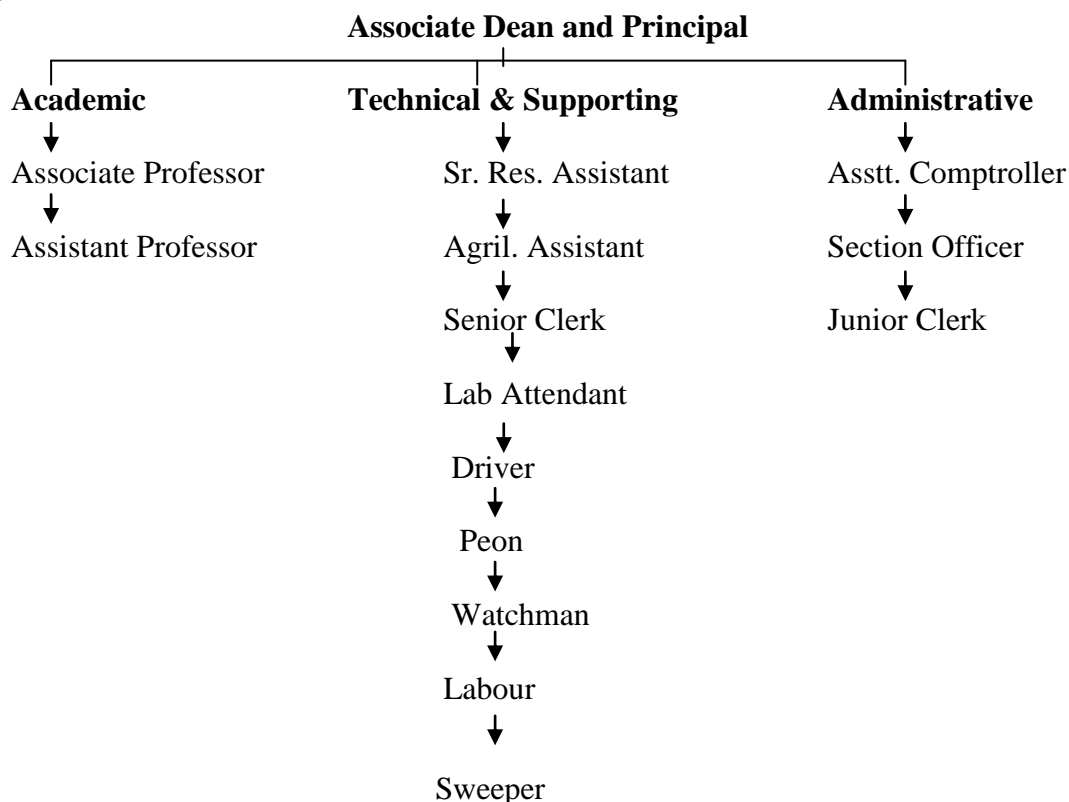
#### 6.5.1.1. College Dean's office Establishment:

The college is a constituent college of Vasantao Naik Marathwada Krishi Vidyapeeth, Parbhani. All educational programs are implemented as per the recommendations of the ICAR model Act and as per guidelines issued by ICAR, New Delhi, and Maharashtra Council of Agriculture Education and Research (MCAER), Pune from time to time. Associate Dean and Principal is an authority to guide and monitor the working of the college. He is responsible for the implementation and execution of university decisions at the college level concerning education, research, and extension. The Associate Dean and Principal are supported by different faculty members and administrative officers. The University decisions are communicated to respective sections and the complied report is regularly sent to respective authorities viz; Director of Instruction & Dean (Education), Director of Research (Research) Director of Extension (Extension) Registrar (Administrative) and Comptroller (Finance and audit).

The Dean at the college are appointed as per the Maharashtra Agricultural University (KrishiVidyapeeth) Statutes 1990 & First Amendment 2014. The post of Associate Dean and Principal is filled in by promotion or selection 50:50 percent. The recruitment board evaluates the performance of the officer being appointed to the post under a performance-based appraisal system (PBAS) as provided by the University Grant Commission (UGC) and recommends the name for the post of Associate Dean and Principal. The present Associate Dean and Principal had joined his duties on 5 July 2021.

Sr. No	Name of The Dean	Date of Selection	Mode of selection	Tenure
1	Dr. R. D. Ahire	05.07.2021	Incharge	--

**Structure**



**Total available Staff:**

**Table No.1. Cadre wise sanctioned & In-position available Staff**

Sr. No.	Cadre	Sanctioned	In- position	Vacancy against sanctioned posts
1	Academic	18	15+7#+23**	01
2	Administrative	06	05+1*	01
3	Technical & supporting	29	24	05
Total		53	72	07

\*Deputed from SORS, Badnapur.

\*\* Teaching Faculties from research stations of university.

#includes 3 Assistant Professor(Ad-hoc), 1 faculty on deputation & 3faculties Assistant Professor (Visting).

**Infrastructure and facilities available:**

**Table No. 2. i). Staff and Infrastructure facilities in the Dean's Secretariat**

Sr. No.	Name of the posts in Dean's Secretariat	No. of posts sanctioned	No. of Filled Posts	Vacancy Position
1	Assistant Registrar/Assistant Comptroller	01	01	---
2	Section Officer	01	01	----
3	Senior Clerk	02	01	01
4	Junior Clerk	02	02+1**	---
5	Peon	02	01*	01
6	Driver	03	1+1*	01

\*Services on contractual basis\*\*Services on deputation

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

Sr. No.	Name of office	SizeSq.ft	Facilities available
1	Associate Dean and Principal's Cabin	1400	Office Vehicle (Jeep) Computer, Internet, Fax, Telephone, CCTV, Freeze, AC, Anti-chemberetc.
2	Section Officer's Cabin	150	Computer, Internet, etc.
3	Assistant Accounts Officer's Cabin	500	Computer, Internet, Photocopying machineetc.
4	Senior Clerk cabin/cashier	200	Computer, Internet, Cash vault etc.

**6.5.1.2. Monitoring Mechanism for Quality Education (online) :**

The quality of education imparted to students is monitored and ensured through the following mechanism

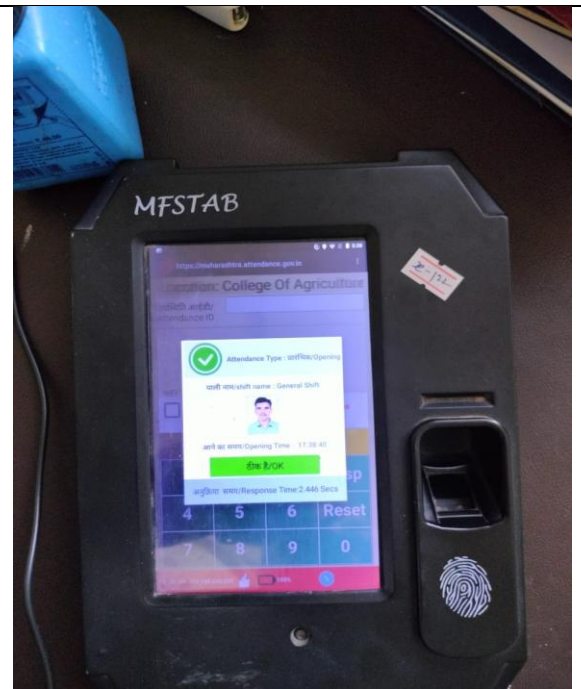
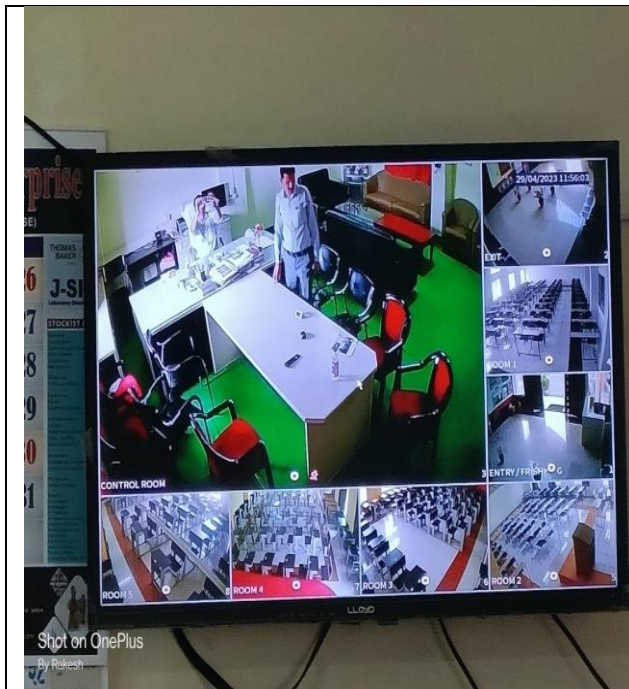
- 1. Advisory system-** Regular meetings are conducted to advise and guide the students and also to solve their problems regarding academic and residential issues.
- 2. Internal Quality Assurance Cell – IQAC** is established for assessment of the teaching and learning process, hostel, and co-curricular facilities at the college level. IQAC is chaired by the Associate Dean & Principal and consists of senior faculty members and student representatives.
- 3. CCTV Vigilance-** The educational activities are monitored and are ensured by a network of 20 CCTV cameras installed at different classrooms, examination halls, library computer library, etc.
- 4. Feedback mechanism-** Regular feedbacks are obtained from the stakeholders (Students and their parents) concerning the quality and enrichment of programmes and necessary remedial measures are incorporated accordingly.
- 5. Online mode of functioning-** The college is monitoring the various educational activities online viz; online common admission process (CAP) for both UG and PG programs, online collection of fees and payments of scholarships, etc. Similarly,

what's-app groups are created to monitor weekly student activities during the student READY program and Experiential Learning Programmes. The college website also displays various educational activities.

6. **Accreditation process-** The quality of education imparted is periodically evaluated by ICAR by sending the accreditation team. The college has been accredited successively by ICAR for three consecutive terms.
7. **Academic review meeting** at the college level under the chairmanship of Associate Dean & Principal. In addition, regular academic council meetings & boards of studies are held at the university level to discuss and review UG & PG programs.

The impact of monitoring itself reflects with the top rankers of this college in different examinations of the university as well as national level Viz; JRF, SRF, NET, ARS, and UPSC, etc. The student **P. Arya** ranked first position and was awarded a gold medal for securing the highest grade point in the stream of Agriculture during 2015-16, similarly, **V. G. Deshmukh** ranked first in the All India JRF Examination during 2013-14 and was admitted at IARI New Delhi for PG Programme. MukeshChaudhari and Soma Gupta got admissions at IARI, Delhi for M. Sc. and got selected through ARS examinations and now working as ARS Scientists. To date 85 students qualified for JRF exams and admitted to the reputed institutes for PG Programmes. **DipakWankhede** secured the first rank in inStatelevelPGAgriculturalCET in 2016-17. LalitPatil was admitted at IARI for a Ph. D. in plant pathology in 2022-23, and D. D. Shinde secured admission at Pusa, Bihar in M.Sc. Entomology through ICAR quota in 2021-22, ShivamPatil secured admission in the Department of GPB at AAU, Gujrat, and ShriganeshSarjanese secured admission at CAU, Zanshi, UP.

Monitoring mechanism



College of Agriculture, Badnapur  
 Date: \_\_\_\_\_  
 Class: \_\_\_\_\_  
**FEEDBACK FORM FOR UG STUDENTS**  
 Academic Year: \_\_\_\_\_  
 Your honest and sincere feedback is expected for the enhancement of the academic environment of the institute. Further it would be helpful for the comparative evaluation of teaching quality to have continuous improvement.

Your attendance in the class (Tick appropriate box)

Excellent-5	Good-4	Adequate-3	Average-2	Unsatisfactory-1
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Sr. No.	Subject	Course Credit	Course Code	Name of the Course Teacher
1.	AGRO-111	2(1+1)	CC-1	Dr. C. B. Patil
2.	AGRO-112	2(1+1)	CC-2	Prof.S.K. Raikar
3.	AHDS-111	2(1+1)	CC-3	Dr.B. C. Amthare
4.	EXTN-111	2(2+0)	CC-4	Dr.N.D. Deshmukh
5.	HORT-111	2(1+1)	CC-5	Prof.U. M. Naglot
6.	LANG-111	2(1+1)	CC-6	Prof.S.P. Kokakie
7.	MIBO-111	2(1+1)	CC-7	Dr.D.G.Hingole
8.	SSAC-111	3(2+1)	CC-8	Dr.G.K.Gaikwad
9.	AGH-111	1(1+0)	CC-9	Dr.C.B. Patil
10.	BIO-111	2(1+1)	CC-10	Dr. S. B. Pawar
11.	MATH-111	2(1+1)	CC-11	Dr. A.A. Chaudhari
12.	HVE-111	1(1+0)	CC-12	Dr.N.D.Deshmukh
13.	DEG-111	1(1+0)	CC-13	Dr.N.D.Deshmukh
14.	NSS-111	1(0+1)	CC-14	Dr.N.D.Deshmukh
15.	PHY-111	1(0+1)	CC-15	Prof.A.D.Satpute

Fill the appropriate Marks in Corresponding column.

Course Code	CC-1	CC-2	CC-3	CC-4	CC-5	CC-6	CC-7	CC-8	CC-9	CC-10	CC-11	CC-12	CC-13	CC-14	CC-15
1. Syllabus Covered	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4
2. Lecture held as per time table	4	5	5	4	5	4	4	4	4	4	4	4	4	4	4
3. Lecture well prepared and organized	4	4	5	5	4	5	4	5	5	5	5	5	5	5	5
4. Effective communication of subject matter and clarity of speech	5	5	4	5	4	4	4	5	5	5	5	5	5	5	5
5. Effective use of black boards / audio-visual aids	4	4	5	4	5	4	5	4	5	5	5	5	5	5	5
6. Communication skills	5	5	4	5	4	5	4	5	5	5	5	5	5	5	5
7. Interactive lectures	4	4	5	5	5	4	5	4	4	4	4	4	4	4	4
8. Knowledge of the Subject	5	5	4	4	5	4	4	4	4	4	4	4	4	4	4
9. Effective teaching from exam point of view	5	4	5	4	4	4	4	4	5	5	4	5	4	5	4
10. Encouragement by the teacher for co-curricular & Extracurricular activities.	4	5	4	5	4	4	4	4	4	4	4	4	4	4	4
*Overall impression of the teacher (Total)	5	5	4	5	4	4	4	4	5	4	4	4	4	4	4
Best Teacher in your View (Name)	B. C. Amthare Sir														
Name of Students: V. H. S. P.	Reg. No. 2018AG0037 Sign: [Signature]														

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College of Agriculture, Badnapur  
 Date: 28/04/2023  
**पारदर्शी प्रतिक्रिया**  
 विद्यार्थीचे नाव: Anyshee Vidyadharan  
 मोदीची संख्या: 2019AG0055  
 पारदर्शकचे नाव: K.K. Vidyadharan  
 व्यवसाय: Relaxed hort employee  
 पत्ता: Saranvilayam, Kadakkavoppally P.O., Chur Bala, Bhimpasha, Konda  
 दूरधनी संख्या: 7045670630

पारदर्शकी कृपया खालील प्रमाणे पूर्ण करावे:

1. प्रवेश प्रक्रिया आरामपूर्ण  
 2. पाठक विद्यार्थी/पारदर्शक भेडगा  
 3. शिक्षकचे पारदर्शकी विद्यार्थी प्रति समर्पण  
 4. अध्यापक संकुची  
 5. विद्यार्थीचे तदुक्त व्यक्तिगत विकास  
 6. परीक्षा सुविधा  
 7. कनिष्ठ सुविधा  
 8. वेळ सुविधा  
 9. परीक्षणीय सर्व पर्यटका एकमेकांनी समर्थन  
 10. शहर काळजक व्यवस्था  
 11. प्रवेश विकास आणि उपस्थान सुविधा  
 12. परीक्षा सुविधा  
 13. वसाहत सुविधा  
 14. तदुक्त उपस्थान सुविधा  
 15. अध्यापक सुविधा/वसा

1	(1)	(2)	(3)	(4)	(5)
2	(1)	(2)	(3)	(4)	(5)
3	(1)	(2)	(3)	(4)	(5)
4	(1)	(2)	(3)	(4)	(5)
5	(1)	(2)	(3)	(4)	(5)
6	(1)	(2)	(3)	(4)	(5)
7	(1)	(2)	(3)	(4)	(5)
8	(1)	(2)	(3)	(4)	(5)
9	(1)	(2)	(3)	(4)	(5)
10	(1)	(2)	(3)	(4)	(5)
11	(1)	(2)	(3)	(4)	(5)
12	(1)	(2)	(3)	(4)	(5)
13	(1)	(2)	(3)	(4)	(5)
14	(1)	(2)	(3)	(4)	(5)
15	(1)	(2)	(3)	(4)	(5)

नाम: K.K. Vidyadharan  
 दिनांक: 10/4/2023  
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**6.5.1.3 CC/Board of Studies:**

As the college is a constituent college of VasantryaNaikMarathwadaKrishiVidyapeeth, Parbhani, it follows the university-designated curriculum. The college operates both UG and PG programs in line with its goals, mission, and objectives. There is no separate CC/Board of Studies (BOS) organized at the college level. The designing and restructuring of the course curriculum is discussed at different university departments in detail in the meetings at SAUs comprising members from all four State Agril. Universities ( SAU) and are finalized accordingly. Further, the same curricula were approved after detailed discussion in the meeting of the board of studies at different departments with the approval and recommendation from the Head of the Departments and are submitted to the academic council and Dean's committee of four Agricultural universities for final approval. The informal departmental meetings throughout the academic sessions help the faculty to keep themselves abreast of the latest trends in their field of study. The college, however, makes a significant contribution to the curriculum design and development through its staff members who are on the Board of studies. The syllabus is revised every ten years, and currently revised curricula as per the V<sup>th</sup> Deans committee report of ICAR are being implemented. The faculty member from each discipline of this college contributes to the development of the curriculum. All faculties are members of BOS.

**Table No.3. Composition of Board of studies:**

<b>Sr. No.</b>	<b>Cadre</b>	<b>Designation</b>
1	Head of Department at University campus	Chairman
2	Professor	Member
3	Associate Professor	Member
4	Section Head of College	Member
5	Two Associate professors nominated by Dean	Member
6	Two Ex official members of related subject nominated by Dean	Member
7	One faculty from department nominated by Dean	Member secretary

Date of conduct of BOS

Sr. No	Name of Department	Date of conduct of meeting				
		2018-19	2019-20	2020-21	2021-22	2022-23
1	Agronomy	Feb.27 -28, March01,2018	Feb.26-28, 2019	July 02,2020& 6-8 Oct.2020	23-25 June, 2021	13-15June,2022
2	Soil science and Agril. Chemistry	17.07.2018 & 20-10.2018	25-26.04.2019	28-29.09.2020	02-03.07.2021 & 05.10.2021	-
3	Genetics and plant Breeding	31 January, 2019 to 01February, 2019	21-22. Feb. 2018	04 Decemebr, 2020	29-30 June, 2021&21-22 October, 2021	6-7 June, 2022
4	Agril. Entomology	27 Feb. 2019	06 June 2019	19 June 2020 & 01 Jan. 2021	29 June 2021 & 11 Oct. 2021	27 June 2022 & 26 Sep. 2022
5	Plant Pathology	12.04.18 & 22.06.18	25.03.2019	05.06.20 &21.07.20	17.06.21, & 08.02.21	11.07.2022& 01.09.22
6	Animal Husbandry and Dairy Science	27-28 Feb 2019	31 Aug 2019	29 June 2020 & 23-24 Dec. 2020	24 Aug 2021& 8 Feb. 2022	14 June 2022, 29 Aug.2022 & 27 Dec.2022
7	Horticulture	28/2/2018 & 1/3/2018	2/8/2019	11.8.2020 to 14/8/2020	13.01.2022 &14.01.2022	15/6/2022 to 17.6.2022
8	Agricultural Engineering	29.1.2018	5.8.2019	20.10.2020	13.08.2021	24.08.2022

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

Teaching schedule and lesson plan for UG courses (As per V Dean's Committee) of the Department of Agronomy, Agricultural Botany, Agricultural Economics, Agricultural Engineering, Agricultural Entomology, Animal Husbandry and Dairy Science, Extension Education, Horticulture, Plant Pathology and Soil Science and Agricultural Chemistry were



also approved in the meeting of board of studies during 2016-17. However, some of the major recommendations other than the recommendations are given below-

**Table No.4. Major recommendations made by BOS.**

Sr. No	Date of BOS	Recommendations
<b>1. Department of Agronomy</b>		
1	Feb.27 -28, March 01,2018	Size of experimental plots should not be less than 16-18 m <sup>2</sup>
2	Feb.26-28, 2019	Maximum Advisory members for M. Sc should be four ( Reserchguide,Two from Major Discipline and one from Supporting department) Maximum Advisory members for Ph. D should be five ( Reserchguide,Two from Major Discipline and two from Supporting departments)
3	July 02,2020, 6-8 Oct.2020	Decision was unanimously passed forGold medal for the student scoring highest CGPA in M. Sc. Agronomy at University level.
5	13-15, June2022	Resolution was passed to appoint teaching associate whenever there is a vacancy of academic staff in respective college.
<b>Department of Agricultural Entomology</b>		
1	27 Feb 2019	Synopsis of three Ph.D. students approved.
2	06 June 2019	ORW of three Ph.D. students approved.
3	19 June 2020 01 Jan. 2021	Synopsis of four Ph.D. students approved. Two books of Entomology was published for JRF/SRF
4	29 June 2021 11 Oct. 2021	Progressive farmer Mr. Dahe T. K. was nominated as member of BOS. Unanimisouly to start one year diploma in sericulture.
5	27 June 2022 26 Sep 2022	CPW of M.Sc& Ph.D. students approved. Decision was taken to implement the new syllabus of masters & doctoral degree program as per recommendations of ICAR-NCG-BSMA.
<b>Department of Plant Pathology</b>		
1	25.03.2019	All the members of BOS have approved the revised name of Department of Plant Pathology in Marathi as“वनस्पती रोगशास्त्र विभाग” instead of “वनस्पती विकृतीशास्त्र विभाग”
2.	08.02.2021	It was decided to submit a proposal for Teaching associate/Clock-hour or ad-hock teachers to cater the need
3.	11.07.2022	To implement of ICAR-NCG-BSMA committees approved restructured and revised Masters PG Academic Regulations of Plant Pathology.

**6.5.1.4 Anti-Ragging Cell:**

The college is following the directives of UGC regulations for curbing the menace of ragging. Accordingly, an anti-ragging committee and a grievance redressal cell have been set up in the college.

Anti-ragging banners, rules, and regulations with a 24x7 helpline contact toll-free no 1800-180-5522, email [helpline@antiragging.in](mailto:helpline@antiragging.in) and website <https://www.ugc.ac.in> are displayed on college premises, hostels, and library, etc. Counseling service by the vigilance committee and advisors (Mentors) is provided to students.

The workshop to sensitize anti-ragging activities is organized every year at the time of the welcome program of newly admitted students with the help of the bar council, Jalna. A student while studying in the college if allegedly found involved in ragging is immediately suspended from the college as well as the hostel as per the rules and regulations. Each student and his parent/ guardian shall have to furnish an undertaking to follow scrupulously the provisions of the Anti-ragging Act 1999 and ensure that absolute discipline is maintained on the premises of the college.

**Table No.5. Year wise Composition of Anti ragging and vigilancecommittee**

<b>Anti ragging committee 2018-19</b>			
<b>Sr.No.</b>	<b>Name of Staff</b>	<b>Designation</b>	<b>Responsibility</b>
1	Dr. S. S. Mane	Associate Professor	Chairman/ Nodal officer
2	Dr. D. G. Hingole	Assistant Professor	Vice Chairman
3	Prof. C. B. Patil	Assistant Professor	Member
4	Dr. S. B. Sarode	Assistant Professor	Member
5	Dr. A. L. Suradkar	Assistant Professor	Member Secretary
6	Smt. S. M. Zambre	Agril. Assistant	Member
<b>Vigilance committee2018-19</b>			
<b>Sr.No.</b>	<b>Name of staff</b>	<b>Designation</b>	<b>Responsibility</b>
1	Prof. B. V. Patil	Associate Professor	Chairman
2	Dr. S. J. Supekar	Assistant Professor	Vice-Chairman
4	Prof. Naglot U.M.	Assistant Professor	Member
5	Dr. N. D. Deshmukh	Assistant Professor	Member Secretary
6	Shri. M. S. Shinde	Sr. Clerk	Member
7	Amt. A. G. Thorat	Jr. Clerk	Member

<b>Anti ragging committee 2019-20</b>			
<b>Sr.No.</b>	<b>Name of Staff</b>	<b>Designation</b>	<b>Responsibility</b>
1	Dr. S. S. Mane	Associate Professor	Chairman/ Nodal officer
2	Dr. D. G. Hingole	Assistant Professor	Vice Chairman
3	Prof. C. B. Patil	Assistant Professor	Member
4	Dr. S. B. Sarode	Assistant Professor	Member
5	Dr. A. L. Suradkar	Assistant Professor	Member Secretary
6	Smt. S. M. Zambre	Agril. Assistant	Member
<b>Vigilance committee 2019-20</b>			
<b>Sr.No.</b>	<b>Name of staff</b>	<b>Designation</b>	<b>Responsibility</b>
1	Prof. B. V. Patil	Associate Professor	Chairman
2	Dr. S. J. Supekar	Assistant Professor	Vice-Chairman
4	Prof. Naglot U.M.	Assistant Professor	Member
5	Dr. N. D. Deshmukh	Assistant Professor	Member Secretary
6	Shri. M. S. Shinde	Sr. Clerk	Member
7	Amt. A. G. Thorat	Jr. Clerk	Member

<b>Anti ragging committee 2020-21</b>			
<b>Sr.No.</b>	<b>Name of Staff</b>	<b>Designation</b>	<b>Responsibility</b>
1	Dr. D.G.Hingole	Associate Professor	Chairman
2	Dr. S. J. Supekar	Assistant Professor	Vice-chairman
3	Shri. S. K. Raskar	Assistant Professor	Member Secretary
4	Dr. A. L. Suradkar	Assistant Professor	Member
5	Prof. M. U. Tanpure	Assistant Professor	Member
6	Police Station, Badnapur	Representative	Member
7	I Semester Student	Male	Member
8	I Semester Student	Female	Member
9	Student Parent	Boys	Member
10	Student Parent	Girls	Member
<b>Vigilance committee 2020-21</b>			
<b>Sr.No.</b>	<b>Name of staff</b>	<b>Designation</b>	<b>Responsibility</b>
1	Prof. B.V. Patil	Associate Professor	Chairman
2	Dr. N. D. Deshmukh	Assistant Professor	Vice-Chairman
3	Dr. S. B. Sarode	Assistant Professor	Member Secretary
4	Dr. U. M. Naglot	Assistant Professor	Member
5	Dr. S. B. Pawar	Assistant Professor	Member

6	Smt. S. M. Zambre	Agril. Assistant	Member
7	Smt. K. S. Londhe	Senior Clerk	Member
8	Smt. A. G. Thorat	Junior Clerk	Member
<b>Anti ragging committee 2021-22</b>			
<b>Sr.No.</b>	<b>Name of Staff</b>	<b>Designation</b>	<b>Responsibility</b>
1	Dr. D. G. Hingole	Associate Professor	Chairman
2	Dr. S. J. Supekar	Assistant Professor	Vice-chairman
3	Shri. S. K. Raskar	Assistant Professor	Member Secretary
4	Dr. A. L. Suradkar	Assistant Professor	Member
5	Prof. M. U. Tanpure	Assistant Professor	Member
6	Police Station, Badnapur	Representative	Member
7	I Semester Student	Male	Member
8	I Semester Student	Female	Member
9	Student Parent	Boys	Member
10	Student Parent	Girls	Member
<b>Vigilance committee 2021-22</b>			
<b>Sr.No.</b>	<b>Name of staff</b>	<b>Designation</b>	<b>Responsibility</b>
1	Prof. B.V. Patil	Associate Professor	Chairman
2	Dr. N. D. Deshmukh	Assistant Professor	Vice-Chairman
3	Dr. S. B. Sarode	Assistant Professor	Member Secretary
4	Dr. U. M. Naglot	Assistant Professor	Member
5	Dr. S. B. Pawar	Assistant Professor	Member
6	Smt. S. M. Zambre	Agril. Assistant	Member
7	Smt. K. S. Londhe	Senior Clerk	Member
8	Smt. A. G. Thorat	Junior Clerk	Member

<b>Anti- ragging committee 2022-23</b>			
<b>Sr.No.</b>	<b>Name of staff</b>	<b>Designation</b>	<b>Responsibility</b>
1	Dr. B. G. Kamble	Associate Professor	Chairman
2	Dr. S. J. Supekar	Assistant Professor	Vice Chairman
3	Dr. B. C. Andhare	Assistant Professor	Member
4	Dr. A. L. Suradkar	Assistant Professor	Member
5	Police Station, Badnapur	Representative	Member
6	Ku. PavanPrakashraoDhawale	Male Student	Member
7	Ku. PritiMalhariShinde	Female Student	Member

8	Shri. MarotiGaneshraoBhadarge	Boys Parent	Member
9	Shri. Sanjay UttamraoBanchod	Girls Parent	Member
10	Dr. S. V. Pawar	Assistant Professor	Member Secretary
<b>Vigilance committee 2022-23</b>			
<b>Sr.No.</b>	<b>Name of staff</b>	<b>Designation</b>	<b>Responsibility</b>
1	Shri. B. V. Patil	Associate Professor	Chairman
2	Dr. N. D. Deshmukh	Assistant Professor	Vice Chairman
3	Shri. U. M. Naglot	Assistant Professor	Member
4	Smt. K. S. Londhe	Senior Clerk	Member
5	Smt. S. M. Zambre	Junior Research Assistant	Member
6	Smt. A. G. Thorat	Junior Clerk	Member
7	Dr. S. B. Pawar	Assistant Professor	Member Secretary

**Year wise anti ragging cases at College of Agriculture, Badnapur**

<b>2018-19</b>	<b>2019-20</b>	<b>2020-2021</b>	<b>2021-22</b>	<b>2022-2023</b>
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

**6.5.1.5 Biological Waste Disposal Facility:**

The various types of wastes (chemical, biological, and recyclable) are obtained through various activities of research, farm, hostels, and cleaning operations at the College of Agriculture, Badnapur. 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 any hazardous effect of waste generation and its impact on the environment. The college has adopted a disposal mechanism suggested by the government for the disposal of these wastes.

**1. Method adopted to dispose of chemicals, insecticides, fungicides, weedicides, etc.**

The chemicals are purchased as per the requirement of departments and used for conducting different Farm activities, UG practicals, and PG research. Due care is taken to purchase chemicals having a long expiry date. The chemicals/outdated glassware that outlived its shelf-life has been disposed of by burring it in a deep pit in such a manner that is safe for human beings, animals, and the environment, as per the Govt. guidelines.

**1. Method adopted to dispose of biological waste**

The biological waste *viz.*, laboratory wastes from pathology/entomology labs, hostels safely in a biological waste disposal pit.

**2. The method adopted for decomposing crop residue/waste-**

Farm, hostel mess, and office wastes were collected and decomposed by using the Bangalore method of compost preparation. Also, NADEP and modern vermicompost units are constructed on college premises.

### 3. Method adopted to dispose of recyclable waste

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

### Biological waste disposal facility



**6.5.1.6 Institutional Ethics Committee for Experiment on Animals:**

The Institutional Ethics Committee (IEC) for experiments on animals is constituted by the Associate Dean and Principal, College of Agriculture, Badnapur vide office order No. CAB/ 583/2017 dated 14.08.2017 under the chairmanship of Dr.Andhare B.C., Assistant Professor, Department AHDS. The other members of the committee include:

**Table No.6. Committee on Institutional Animal Ethics**

<b>Sr. No</b>	<b>Name of Faculty</b>	<b>Designation</b>	<b>Responsibility</b>
1	Dr. B. C. Andhare	Assistant Professor	Chairman
2	Prof. B. V. Patil	Associate Professor Entomology	Vice Chairman
3	Dr. S. V. Pawar	Assistant Professor Plant Pathology	Member
4	Dr. P. G. Chavan	Assistant Professor Agronomy	Member
5	Prof. U. M. Naglot	Assistant Professor Horticulture	Member Secretary

The meeting of this committee was held on 07-11-2022 to discuss various issues regarding the prohibition of the use of animals for conducting experiments by sacrificing their lives. However, they can be used for conducting feeding trials and to study its external parameters as well as productive and reproductive efficiency. Rats and mice are not used for research purposes.

The following issues were discussed in the meeting.

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

**6.5.1.7 Committee for Prevention of Sexual Harassment of Women at Work Places:**

The college has constituted a local committee as the case may be in each calendar year for the prevention, prohibition, and redressal of sexual harassment of women at the workplace, as per the guideline of GR from the Ministry of Women and Child Development Govt. of India 2013. Every year the college organizes an awareness program to sensitize the students, teachers, and staff to treat any kind of untoward incident during college hours with

the provisions of the Act to prevent and prohibit such incidents on college premises with the help of the police department. The committee regularly conducts meetings and deals with the cases, the dates of proceedings conducted are as follows. The committee also obtained feedback from all sections to prevent all sorts of verbal, emotional, sexual, mental, and physical abuse by teaching, non-teaching staff, students, etc.

**Table No.7 Committee for Prevention of Sexual Harassment of Women at Work Places**

Sr No	Name of staff	Designation	Responsibility
1	Smt. Usha V. Kamble	Assistant Comproller	Chairperson
2	Dr. Archana A. Chaudhari	Assistant Professor	Vice Chairperson
3	Dr. Asmita L. Suradkar	Assistant Professor	Member
4	Adv. Dr. AnandDeshmukh	Prof. Dr. BAMU, Aurangabad	Member
5	Shri. Sandip S. Pawar	Jr. Clerk	Member
6	Ku. Shreya Wasare	Girl Student	Member
7	Smt. Saberabi Shaikh	Farm worker	Member
8	Smt. K. S. Londhe	Senior Clerk	Member secretary

**Table No.8 Year wise date of proceedings of Committee for Prevention of Sexual Harassment of Women.**

Sr. No	Year	Dates of proceedings
1	2018-19	23.08.2018 and 01.01.2019
2	2019-20	01.07.2019 and 30.01.2020
3	2020-21	01.07.2020 and 01.02.2021
4	2021-22	01.08.2021 and 05.01.2022
5	2022-23	20.06.2022 and 03.01.2023

## **6.5.2Faculty**

### **6.5.2.1 Faculty Strength:**

The college has an excellent teaching faculty, consisting of 17 dedicated teachers, out of them 15 are Ph.D. holders and most of them are involved in research and extension activities.



**Table No.9 Sanctioned and in place faculty position at the college**

Sr No	Cadre	No of Sanctioned Faculty	Faculty in place	Teaching Faculties from other establishments of University	Vacant position	Faculty recommended by ICAR/UGC/VCI/ Other regulatory bodies
1	Associate Dean & Principal	01	01 <sup>@</sup>	----	01	01
2	Professor	00	00	03	00	03
3	Associate professor	05	05	08	00	08
4	Assistant professor	12	10	12	02	34
5	Assistant Professor (Ad-hoc)	00	03	01	--	--
6	Assistant Professor (Contractual)	00	03	--	--	--
<b>Total</b>		<b>18</b>	<b>22</b>	<b>24</b>	<b>04</b>	<b>46</b>

@ Incharge Associate Dean & Principal deputed from College of Agriculture, Parbhani.

**6.5.2.2 Faculty Profile (Department wise):**

Sr. No	Name of the Department	No. of Faculty position sanctioned			Faculty in position		
		Professor	Associate Professor	Assistant professor	Professor	Associate Professor	Assistant Professor
		No	No	No	No	No	No
1	Agronomy	-	01	01	01	03	04
2	Agril. Botany	-	01	01	01	02	04
3	Agril. Entomology	-	01	01	-	02	02
4	Agril. Economics	-	-	01	-	-	01
5	Agril. Extension	-	-	01	-	-	02
6	Animal Husbandry & Dairy Science	-	-	01	-	-	01+01*
7	Agril. Engg.	-	-	01	-	-	01

8	Horticulture	-	-	02	01	01	04
9	Plant Pathology	-	01	01	-	03	02
10	Soil Science & Agril. Chemistry	-	01	01	-	01	01
11	Mathematics	-	-	01	-	-	01
12	Language	-	-	--	-	-	01
13	Sport Officer	-	-	--	-	-	01
	<b>Total</b>	<b>Nil</b>	<b>05</b>	<b>12</b>	<b>03</b>	<b>12</b>	<b>25+1*</b>

\* One Assistant Professor deputed from COA, Parbhani.

The present faculty profile is adequate to meet the academic requirements of the UG program of this college.

#### 6.5.2.3 Credentials of the Faculty:

The college has an excellent teaching faculty consisting of 17 dedicated teachers. Out of them, 15 are Ph.D. holders and the rest are M.Sc. Most of them are involved in teaching research and extension. 50 percent of teachers have more than 15 years of teaching experience. The annually updated profile reflecting their academic credential is given in the following table.

**Table No.10. Credentials of the Faculty:**

Sr No	Department	Ph.D.		M.Sc./ M. Tech. /M.Sc.		Work experience
		No.	%	No.	%	
1	Agronomy	07	87.5	01	12.5	Two faculties (Professor (CAS)-1 and Asst. Prof. -1) are working with experience of more than 18 years.
2	Agril. Botany	07	100	--	--	Two faculties (Associate Professor-1 and Asst. Prof.-1) are working with experience of more than 25 years.
3	Agril. Entomology	03	75	01	25	Two faculties (Associate Professor-1 and Asst. Prof -1) are working with experience of more than 20 years
4	Agril. Economics	01	100	--	--	One faculty having experience of 3 years.
5	Agril. Extension	03	100	--	--	One faculty (Assistant Professor) having more than 6years experience.
6	Animal. Husbandry	03	100	--	--	One faculty (Assistant Professor)

	&Dairy Science					having more than 20 years experience.
7	Agril. Engg.	02	100	--	--	One faculty (Assistant Professor) having more than 20 years experience.
8	Horticulture	05	83.3	01	16.7	One faculty (Assistant professors) having more than 35 year experience.
9	Plant Pathology	05	100	--	--	One faculty member (Assistant Professor) having more than 14 years
10	Soil Science AndAgril. Chemistry	02	100	--	--	Two faculty members (One Professor(CAS) and one Teaching Associate) having More than 25years of experience.
11	Other Faculty	01	50	01	50	One faculty member (Assistant Professor) having more than 30 years
	Total	39	90.47	04	9.53	

Faculty attended various development programmes during last five years

Sr. No	Name of faculty	Highest qualifications	Work experience in Years	No. of Trainings/Workshop/Conference/Seminars attended	Honors/Award / Recommendations/etc.,	Publications NASS rated Journals/ Books
1)	<b>Agronomy</b>					
i	Dr. K.T. Jadhav	Ph.D.	20	Training-04 Seminars-03	Appreciation letter by Hon Vice Chancellor for the contribution in seed production and beautification of campus	9/ Nil
ii	Dr. P. G. Chavan	Ph.D.	10	Training-08 Seminars-03	Nil	03
2)	<b>Agril. Botany</b>					
i	Dr. B. G. Kamble	Ph.D.	32	Training-06 Seminars-21	Nil	24
ii	Dr. S.B. Pawar	Ph.D.	10	Training-02 Seminars-10	01 Award	05
3)	<b>Agril Entomology</b>					
i	Shri. B.V. Patil	M.Sc. (Agri.)	27	Conference – 01		16
ii	Dr. A. L. Suradkar	Ph.D. NET	10	Training-10, International Conference - 01Workshop-02	Nil	08
4)	<b>Soil Science AndAgril. Chemistry</b>					
i	Dr. S. S. Mane	Ph.D.	21	Training-02 Seminars-06	01 Variety release	21
ii	Dr. G. K. Gaikwad	Ph.D.	18	Training-4 Seminars-03	08	30

iii	Dr. S. K.Ugile	Ph.D.	18	Training-02 Seminars-02	Nil	8
<b>5) Horticulture</b>						
i	Shri. U. M. Naglot	M.Sc. ( Agri.)	33	Training-02 Seminars-04	Nil	12
ii						
<b>6) Agril. Economics</b>						
i	Dr. G. W. Khorne	Ph.D. NET	02	Training-05 Seminars-04	Nil	08
<b>7) Agril. Extension</b>						
i	Dr. N.D. Deshmukh	Ph.D. NET	10	Training-07 Seminars-05	02 award/ Nil	11/Nil
<b>8) Agri. Engineering</b>						
i	Dr. S. J. Supekar	Ph. D.	20	Training-10	Nil	10
ii	Dr. A. A. Chaudhari	Ph. D. (Maths)	20	Training-21 , Conference -04 Workshop-06	Best paper presentation award at National Conference Kada Dist. Beed.	12

Faculty development programs are being implemented by the university. Teachers/faculty members regularly participated in refresher courses/ winter schools/ summer schools/conferences/seminars/workshops organized by different institutions/ universities to improve Knowledge and thereby teaching practices. The university imparts training to newly admitted academic staff on the latest trends in teaching pedagogy, trends in the use of ICT, blended learning, creative reading, etc, that helps in updating and upgrading the subject knowledge and teaching methodology. Faculty members are also provided an opportunity to pursue a Ph.D. through the Faculty Improvement Program (FIP) 02 teachers have obtained Ph. D.s by taking study leave and about 02 teachers are presently pursuing their Ph.D.

**6.5.2.4. Technical and Supporting Staff:**

The college has sufficient technical and supporting staff to cater to the need for practicals and hands-on training.

**Department wise distribution of technical and supporting staff**

Sr No	Departments	In place staff		
		Technical	Supporting	Field
1	ADP Office	01	01	--
2	Education Division		01	
3	Agronomy	02	-	03
4	Agril. Botany	-	01	01
5	Agril. Entomology	-	01	-
6	Agril. Economics	-	-	-
7	Agril. Extension	-	-	-
8	Animal. Husbandry & Dairy Science	01	-	01
9	Agril. Engg.	-	-	01
10	Horticulture	01	-	03
11	Plant Pathology	01	--	01
12	Soil Science AndAgril. Chemistry	-	01	--
13	Hostel(Boys/Girls		02	
14	Driver/Electrician	03	--	--
		09	07	10

**6.5.3. Learning Resources:**

**6.5.3.1 College Library (Digital):**

The College library is housed in the College building with a space of 2820 sq. ft. It is managed with the help of academic and supporting staff, one Agriculture Assistant is spared for library management. Sufficient funds were provided by the University for constant strengthening by adding new textbooks, encyclopedias, cyclopedias, subject wise reference books of reputed national and international authors. With the financial support of ICAR, various new textbooks and documents were procured from time to time, to enrich the library collection and easy accession of various references for teaching and research purposes. Currently, the library is laden with a variety of books to meet the requirements of undergraduate and postgraduate students, teaching staff, and research scientists of the College.

Exuberant books related to competitive examinations of central and state Governments, Banks, ICAR, IARI, and Agricultural universities were purchased. These books help students achieve success in various competitive examinations. This is evident from the large number of students passing the ICAR’s JRF examination with every passing year. Sufficient wooden furniture in the reading room and office. Iron store wells, bookcases, and other items are also purchased from time to time to meet the library requirements.

**Availability of Computers and Internet access:**

To ensure the internet connectivity by library users net connection of ‘BSNL Broadband 10 Mbps was made available with ‘firewall’ antivirus software. The library also has facility of Wi-Fi and four desktops with internet connectivity. CCTV cameras are installed in the Library as a security measure.

**Seating capacity:**

About 500 students and 25 faculty members including the scientists of Agriculture Research station are taking advantage of library facilities.

**Table No. 11. Available space for the College library**

Sr. No.	Location	Level College/Dept/Uni.	No. of Floors/Rooms	Size (Sq.ft)
1	College building	College	01	2820

**Table No. 12. List of holdings of library as on 31.03.2023**

Sr. No	Type of Library	Holdings									
		Books	Journals	Back Volumes	Reference Books	News papers	CD	Thesis	Video Tape	Charts	Periodicals
1	College Level	6227	12	-	186	05	117	185	-	-	12

**Table No.13. Facilities provided by the collegeLibrary:**

Sr. No	Facility									
	Ce RA	Co RaM	Data base	PGS 501	KrishiPrabha	Reading Room	Computers	Xerox	Inter net	Book bank
1	Yes	-	-	Yes	-	Yes	Yes	Yes	Yes	No

Type of Material	Descriptions of material	Application
Books	Text and reference Books	For staff and students
Cards	Catalogue cards & OPAC	For staff and students
Machines	Xerox and computer	For staff and students

**Employing the latest technology in Library Science:** Koha software on VNMKV Library firstray.in

**Stocking arrangements:** Bookshelves & Bookcases

**Collection of volumes on different subjects:**06

**Latest publications in the field of relevant subjects:** NA

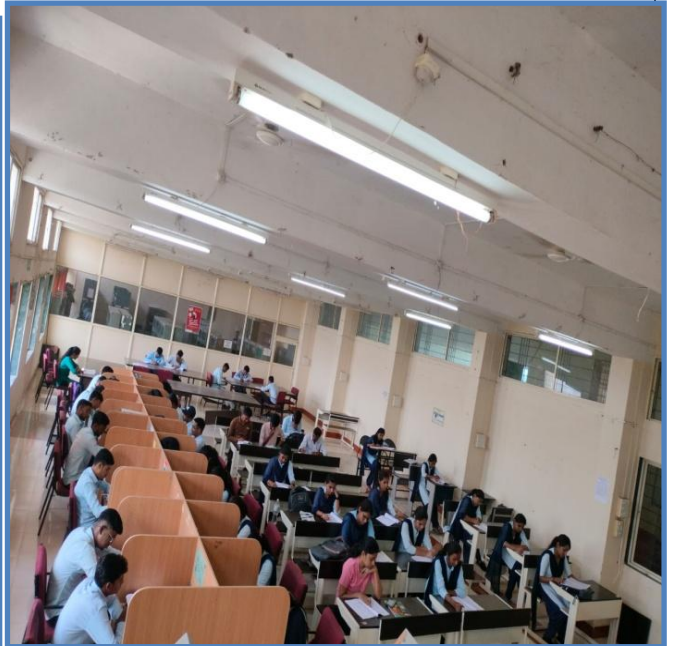
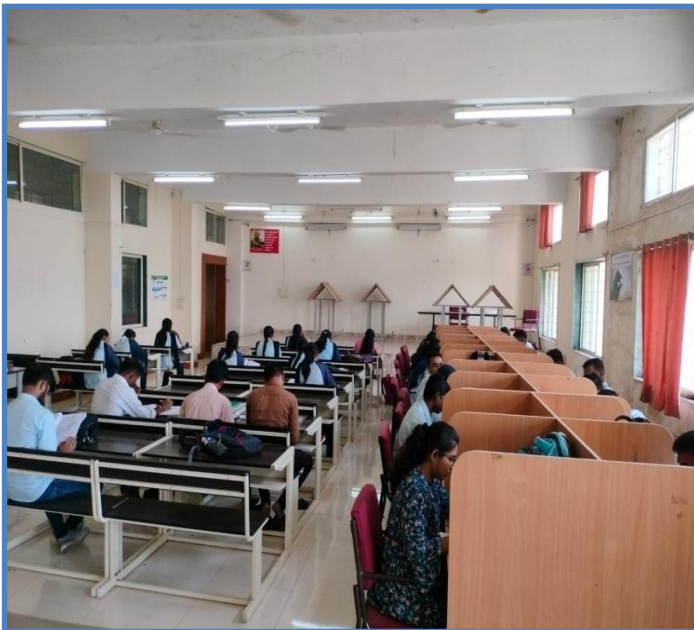
**Automation and user services through computers:** At present borrowing is only through printed form only.

**Subscription of Journals of national and International repute/ national dailies/ Mazinesetc:** NA

**Library timings:** The Library remains open from 8.00 am to 12.00 pm from Monday to Friday except for National holidays and Sundays.



**College Library**



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

All 10 departments have well-equipped laboratories which have been developed over the years having modern facilities for both basic and applied research.

To have first-hand exposure to students to commercial approaches in agriculture, a polyhouse unit has been erected on the College campus along with farm power machinery and irrigation facilities. The College has two polyhouses one shed net house and one screen house facility.

**Table No.14 The available Laboratories and their number:**

No	Section	No. of laboratories available for UG & PG				Specialty
		UG.		P G		
		No. of unit	space/ Area in sq.fts	No. of unit	space/ Area in sq.fts	
1	Agronomy	01	1200	01	600	Utilized for conducting UG and PG Practicals
2	Agril. Botany	01	1200	01	500	Utilized for conducting UG and PG Practicals
3	Agril. Entomology	03	1700	01	500	Utilized for conducting UG & PG Practicals
4	Agril. Economics	01	800	-	-	Utilized for conducting UG Practicals
5	Agril. Extension	01	400	-	-	Utilized for conducting UG Practicals
6	Animal. Husbandry & Dairy Science	01	1600	-	-	Utilized for conducting UG Practicals
7	Agril. Engg. and Computer Lab	02	1200	-	-	Utilized for demonstration of models, instruments, for conducting UG practicals
		(1 +1)	900	-	-	Utilized for conducting practicals on computer skills, internet access, online teaching aids, online applications of UG/PG students, office work
8	Horticulture	01	800	01	600	Utilized for conducting UG and PG Practicals
9	Plant Pathology	01	1200	01	400	Utilized for conducting UG and PG Practicals

10	Soil Science And Agril. Chemistry	01	1200	01	400	Utilized for conducting UG and PG Practicals
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**Other Facilities available with the College to conduct practicals and hands on training**

**Table No. 15. i) Instructional farm facilities available to conduct practicals /hands-on Trainings**

Sr. No.	Name of Department	Name of Instructional farm	Number	Space	Speciality
1	Agronomy	UG Instructional farm	01	10 ha	Used for conducting UG & PG practicals & crop cafeteria
		PG Instructional-cum research farm	01		
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 Entomology	UG/ PG Instructional farm	01	0.8 ha	Used for conducting UG practicals & PG practicals and research
5	Animal Husbandry and Dairy Science	Cattle shed	01	2000 sq m	Used for conducting UG/PG practicals
6	Extension Education	NIL	NIL	NIL	NIL
7	Horticulture	UG/PG Instructional farm	01	0.30 ha	Used for conducting UG practicals and PG research
		Area under Orchard plantation	01	05 ha	Used for conducting UG/PG practicals
		Experiential Learning Unit on Protected cultivation of High value vegetable crops. (ICAR funded)	01	2540 sq m (Area under polyhouses of Project under Agril. Engg. Section)	Used for conducting ELP on High value vegetable crops.
		Medicinal garden	01	0.2 ha	Used for conducting UG practicals
		Ornamental formal garden	01	0.4 ha	Used for conducting UG practicals
	Mist chamber	01	0.05 ha	Used for conducting UG & PG practicals	

8	Plant Pathology	UG/PG Instructional -cum research farm	01	0.8 ha	Used for conducting UG/PG practicals and research
9	Soil Science and Agricultural Chemistry	UG Instructional farm	01	0.8 ha	Used for conducting UG &PG practicals and research.
		PG Instructional-cum research farm	01		
10	Agricultural Engineering	Farm pond	05	1000 Sq.m	Used for conducting UG practicals
		Experiential Learning Unit on Precision farming of floriculture and exotic vegetables (ICAR) funded	03	2540 sq m	Used for conducting ELP on Precision farming of floriculture and exotic vegetables (ICAR) funded
Total area				30.7 ha	

College Laboratories



College Laboratories



ii) Workshop facilities available in the college to conduct practicals/hands-on trainings

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

iii) Dairy plant facilities available in the college to conduct practicals/hands-on trainings

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

iv) Farm ponds facilities 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 Engineering	Farm Ponds	5	20x10 with 3 meter depth	3000

6.5.3.3 Student READY/In-Plant Training/ Internship / Experiential Learning Programme:

6.5.3.3.1 RAWE / Internship programme:

The revised RAWE (RAWE Model-I) has been implemented since the academic year 2010-2011 during the VII<sup>th</sup> semester by recommendations of the IV<sup>th</sup> Dean's Committee of the ICAR. The candidate admitted from the academic year 2017-18 undergoing Student READY (Rural and Entrepreneurship Awareness Development Yojana) during the VII and VIII<sup>th</sup> semesters as per the V<sup>th</sup> Dean's committee recommendations. This program provides opportunities to students for hands-on training and to develop confidence and competence for solving various agricultural problems and launching a career in Agriculture. The students resided for 10 weeks with farmers in the village and 10 weeks with agro-industry which gives exposure to different Agro-based industries and KVKs to increase the confidence of students through the Student-READY program.

Table No.16 List of RAWE Programme implemented from 2018-2019 to 2022-2023.

Sr. No	RAWE & AIA Programme	Year	Adopted village	No. of students enrolled
1	SRP 401	2018-19	Rajewadi, Devgaon, Bhanmbarda, Dudhad, Murshidabadwadi	62
2	SRP 401	2019-20	Dudhanwadi, Padali, Nilajgaon, Palshi, Adgaon, Ganori	68

3	SRP 401	2020-21	Native place of students due to Covid-19 lockdown	63
4	SRP 401	2021-22	Native place of students due to Covid-19lockdown	71
5	SRP 401	2022-23	Akola, Nikalak, Kusli, Nanegaon, Malegaon, Walha	81

### 6.5.3.3.2. Experiential Learning Programme:

The experiential learning program is being implemented from the academic year 2010-2011 during the 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 a more practical orientation to cater to the needs of public, private and corporate sectors in Agriculture.
- ii) To impart knowledge and training in interdisciplinary production-oriented courses in Agriculture
- iii) To provide training for developing entrepreneurial skills for being a job provider rather than Jobseeker.

Twenty to thirty students were admitted in the following experiential learning module as per their preference and merit.

**Table No. 17. Self financed Experiential Learning Modules**

Sr. No.	Year	Course No.	Module Title	Major Department	Associated Department	No. of Students Trained
1	2018-19	AEL AGRO 4813	Chickpea Seed Production	Agronomy	SSAC , BOT, ENTO, PATH, ECON, EXTN	34
		AEL HORT 486	Commercial Vegetable Production Technology	Horticulture	SSAC , BOT, ENTO, PATH, ECON, EXTN	30
2	2019-20	AEL AGRO 4813	Chickpea Seed Production	Agronomy	SSAC ,BOT, ENTO, PATH, ECON, EXTN	32
		AEL HORT 486	Commercial Vegetable Production Technology	Horticulture	SSAC , BOT, ENTO, PATH, ECON, EXTN	30
3	2020-	AEL AGRO 4813	Chickpea Seed Production	Agronomy	SSAC , BOT, ENTO, PATH, ECON, EXTN	32



21	AEL HORT 486	Commercial Vegetable Production Technology	Horticulture	SSAC , BOT, ENTO, PATH, ECON, EXTN	30	
	ELM- ENT- 488	Silkworm Cocoon Production Technology	Entomology	ECON, PATH, AGRO	22	
	ELM- PATH- 486	Mushroom Production Technology	Plant Pathology	ENTO, ECON, EXTN	24	
4	2021- 22	AEL AGRO 4813	Chickpea Seed Production	Agronomy	SSAC , BOT, ENTO, PATH, ECON, EXTN	38
		AEL HORT 486	Commercial Vegetable Production Technology	Horticulture	SSAC , BOT, ENTO, PATH, ECON, EXTN	30
		ELM- ENTO- 488	Silkworm Cocoon Production Technology	Entomology	ECON, PATH, AGRO	39
		ELM- PATH- 486	Mushroom Production	Plant Pathology	ENTO, ECON, EXTN	39
5	2022- 23	AEL AGRO4813	Chickpea Seed Production	Agronomy	SSAC , BOT, ENTO, PATH, ECON, EXTN	31
		ELM HORT 4812	Commercial Vegetable Production Technology	Horticulture	SSAC , BOT, ENTO, PATH, ECON, EXTN	30
		ELM- ENTO- 488	Silkworm Cocoon Production Technology	Entomology	ECON, PATH, AGRO	35
		ELM- PATH- 486	Mushroom Production	Plant Pathology	ENTO, ECON, EXTN	35

**Experiential Learning Modules**



**Experiential Learning Modules**



**Table No.18. Experiential Learning Modules (ELM) supported by the council/ICAR:**

Sr. No.	Name of the EL Unit Sanctioned	Year of start	Grant Received	No. of students trained					Profit sharing with students					Status
				2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23	
1.	Precision farming of floriculture and exotic vegetables	2015-16	88.00 lakh	30	30	30	30	30	50%	50%	50%	50%	50%	Functional

**Table No. 19. Experiential Learning Modules (ELM) supported by the University:**

Sr. No.	Name of the EL Unit Sanctioned	Year of start	Grant Received	No. of students trained					Profit sharing with students(Rs/student)					Status
				2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23	
1	Commercial Vegetable Production	2018	---	30	28	31	42	40	00	00	00	35.00	In progress	---
2	Organic Seed Production Technology	2018	---	34	32	32	38	31	00	00	00	00	In progress	---
3	Mushroom Cultivation Technology	2020	--	---	---	24	39	35	--	--	Nil	117.0	86.00	Functional by own fund
4	Silkworm Cocoon Production Technology	2020	--	---	---	22	39	35	--	--	Nil	128.0	206.00w	Functional by own fund

**6.5.3.4. Curricular Delivery through IT (smart classrooms/interactive board etc.):**

The College is having 03 classrooms for Undergraduate teaching. The classrooms are equipped with LCD projectors and audio-visual aids for the delivery of curricula. All the PG classrooms have been equipped with LCD projectors and interactive boards. The College is having 02 e- classes' rooms having ICT facilities; e-class rooms have been equipped with LCD projectors sophisticated interactive boards, and a podium with a mike system.

**Table No. 20. List of Curricular Delivery through IT**

<b>Sr. No.</b>	<b>Name of the Department</b>	<b>No. of class rooms &amp; laboratories upgraded as smart class rooms</b>	<b>Remark</b>
1	Lecture Halls	03	PPT presentations, facility etc
2	Agronomy	01	
3	Agricultural Botany	01	
4	Agricultural Engineering	01	
5	Agricultural Entomology	01	
6	Extension Education	01	
7	Horticulture	01	
8	Plant Pathology	01	

### Curricular Delivery through IT



**6.5.4. Student Development:****6.5.4.1 Student Intake and Attrition:**

The admission to UG and PG programmes is strictly as per the norms of the ICAR. The Government of Maharashtra has resolved to implement 30% reservation for girl students.

The quality of the students admitted for UG and PG programmes is the basis of the percentage of marks obtained by the candidates in the qualifying examination or degree For Undergraduate B.Sc. (Hons.) Agriculture degree Programmars obtained in XII std examination and the weights as specified in the prospects taken into consideration. The quality of the institute depends on the quality of the students admitted. The College has maintained its quality education management system. The top-ranked students in HSC, examination as well as degree courses mostly prefer this College, for UG and PG admission respectively.

**6.5.4.1.1. Programwise Students Intake, Attrition:****i) UG Programme B.Sc.(Hons.) Agriculture:**

**Table No. 21. i) List of Students intake and attrition for UG Program from the academic Year 2018-19 to 2022-23**

Sr. No	Year	No. of students till date			
		Admitted	Passed	Attrition	
				No.	%
1	2018-19	70	64	09	12.85
2	2019-20	81	60	04	4.93
3	2020-21	73	63	02	2.73
4	2021-22	77	81	03	3.89
5	2022-23	142	71	04	3.50

**ii) M.Sc.(Agri./ Hort.) Programme:**

M.Sc. (Agri./Hort.) Program started since academic year 2013-14 and implemented in 6 disciplines. The intake capacity is 6 students/discipline.

**Table No. 22. Student intake and attrition for PG Program from the academic Year 2018-19 to 2022-23**

Sr. No	Year	No. of students till date			
		Admitted	Passed	Attrition	
				No.	%
1	2018-19	34	34	02	5.88
2	2019-20	30	33	03	10
3	2020-21	34	27	00	00
4	2021-22	38	32	02	5.26
5	2022-23	30	33	01	3.33

**6.5.4.2. Number of Students in Theory and Practical Classes:**

**UG Programme**

Sr. No	Name of Degree Programme	Batch of student in theory class	Batch of student in Practical class
1	B.Sc.(Hons.) Agriculture	01 Batch/60 students	01 batches/ 30 students

**PG Programme:**

Sr. No	Name of Degree Programme	Batch of student in theory class	Batch of student in Practical class
1	M.Sc.(Agri./Horti.) Agriculture	01 batch/ 36 students	01 batches/ 20 students

**6.5.4.3. Mode/mechanism of admission process for UG:**

The Maharashtra Council of Agricultural Education and Research, (MCAER), Pune implement and coordinates centralized online admission of UG for SAU in Maharashtra. Advertise is published in a leading newspaper in May/ June before the declaration of the XII standard results. Applications in the prescribed forms are called from eligible candidates for Undergraduate courses. The details regarding UG courses, Colleges with their intake capacities, reservations of seats, requires necessary documents to be enclosed with the application forms are given in the advertisement. The admission procedure and schedule/ calendar are also given in the prospectus. Students' standard entrance exam grades with an



additional 20 per cent marks (Vocational) courses, 7/12 extract and landless labour certificate are considered for admission to a UG degree.

For admission to undergraduate courses 70per per cent of seats of admission capacity are filled from the University quota (candidate who has completed XII standard in the jurisdiction of the University and the remaining 30per cent of seats are filled from the state quota (M Quota). Admission to the entire undergraduate degree Programis on a merit basis.

The 20 per cent seats are reserved for the candidates having domicile in other states from India and whose parents have not stayed in Maharashtra state for a minimum of three years within ten years. It is called another state quota. (OS quota)

The 15 per cent of the total seats for all UG courses shall be reserved to be filled in from an India basis through a common entrance exam to be conducted by ICAR New Delhi( it includes 10per cent seats over and above the sanctioned intake capacity) This provision relates to constituent colleges. The constitutional reservation is followed as per directives of the state government.

### **Mode/mechanism of admission Process for Post Graduate degree programme:**

Since, the academic year 2005-06 the common Entrance Test (CET) has been conducted by the Maharashtra Agricultural University Examination Board (MAUEB), Pune for admission of students to post-graduate degree programmes in SAUs. 30 per cent weightage of UG CGPA and 70 per cent with weightage of CET marks is considered for admission to the PG degree programme.

The MCAER, Pune coordinates centralized online admission in SAUs of Maharashtra for the PG programme. An advertisement is published in a leading newspaper in July/August and the applications in the prescribed Proforma are called from eligible candidates for postgraduate courses. The details regarding PG courses, colleges with their intake capacities, reservations of seats, and documents to be enclosed with the application form are given in the prospectus. The admission procedure is given in the prospectus. The Maharashtra Council of Agricultural Education and Research Pune publishes the prospectus with all these details.

Out of total admission, 50 per cent of admissions are filled from **the U quota** (from the candidates who passed the qualifying exam from colleges of university

jurisdiction) and 50 per cent from **the M quota** (from students who are domiciled in Maharashtra and who have qualified for examination)

Two per cent of seats of intake capacity after deducting ICAR seats are reserved for candidates who are not residing in Maharashtra State, such seats shall be termed as **OS quota** (Other State quota)

The 25 per cent of total seats for all M.Sc. courses shall be reserved to be filled from an India basis through a common Entrance test conducted by ICAR, New Delhi (It includes 10 per cent seats over and above the sanctioned intake capacity)

After verification of the application form and original certificates by the Associate Dean and Principal, the candidate is allowed to register after paying the fees. Fees for U.G. and P.G. programmes collected from students through Online SBI are collected to the account of Comptroller VNMKV Parbhani.

The academic schedule for UG and PG is provided by the Chairman of DICC Director of Instruction and Dean Faculty of Agriculture before the commencement of each academic year.

#### **6.5.4.4. Conduct of Practical and Hands-on Training:**

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

The College has excellent teaching faculty, all of them are involved in teaching, research and extension, and almost all departments have well-equipped laboratories. Students are involved in the actual conduct of practicals of different disciplines *viz*; crop management techniques/ skills like dibbling/ drilling, weed management, tillage practices, composting, and allocation of crops in cropping and farming systems. Estimation of major nutrients, estimation of physical properties of soil, Estimation of PH, EC, CO<sub>3</sub>, HCO<sub>3</sub>, Cl, Na, Ca etc; estimation of protein, crude fat, reducing and non-reducing sugar, Qualitative tests for carbohydrates, amino-acids, proteins, lipids etc. Mitosis and miosis in genetics, germination percentage, seed viability test in seed production, emasculation, pollination in plant breeding. Budding and grafting techniques in horticultural crops, seedbed preparation, extraction and sowing of seed, and preparation of fruit products like jam, jelly and candy. preparation of milk products, sterilization of cultural media, isolation and inoculation techniques of microorganisms, preparation of Bordeaux mixture, and mass multiplication of bio-agents.

Identification of different insect pests, Integrated pest management etc. Apart from indoor actual practicals the college students are taken to visit the various government and private organizations to update their knowledge of seed processing units, micropropagation units, watersheds, seed and soil testing laboratories and biofertilizers and biocontrol units in the jurisdictions. The students also visit the commercial nurseries and orchards of progressive farmers to gain practical experience. The students are Conducting FLDs on farmer's fields during the RAWA programme, the confidence among the college students towards self-entrepreneurship is being built up through ELP programmes viz., seed production technology, commercial vegetable production, mushroom production and protected cultivation of vegetable and flowers. The practical classes ensure the development of practical skills based on theoretical knowledge; field visits/field studies, industry visits, study tours and excursion tours.

The college is also imparting a post-graduation Program in six disciplines viz; Agronomy, Agril. Chemistry and Soil Science, Agril. Botany (Genetics and Plant Breeding), Plant Pathology, Agril. Entomology and Horticulture (Fruit Science). The facilities for conducting field and laboratory research work are established on campus.

#### **6.5.4.5. Examination and Evaluation Process (UG):**

The Controller, Maharashtra Agricultural Universities Examination Board, MAUEB Pune is circulating common semester end theory and practical examination programme. The board is also supplying sealed question paper envelopes to the universities and as per their schedule, the examinations are conducted. As the internal assessment is concerned the mid-term examination is conducted at the college level by Associate Dean and Principal when approximately half of the course is completed. After the semester-end theory examination, the subject-wise sealed envelopes are submitted to university headquarters, where the coding of the answer book is done and the course teachers from various colleges are invited for central evaluation at university headquarters. For the smooth conduct of the examination, the Associate Dean and Principal appoint one senior faculty member as Senior Supervisor, under whose supervision all examination-related work is carried out.

The practical examination is conducted as per the schedule provided by Dy. Registrar(Academic)during which the external examiners from the various colleges of University jurisdiction conduct the batch-wise (each batch of 16 to 20 students) examination.

The external examiners evaluate the practical papers and submit the sealed envelope of results and answer books.

The evaluation and grading of each Program is through the course credit system and as per the Academic Regulations for Bachelor's Degree Programme 2020 approved by the MCAER Pune (As per the academic Regulations for Bachelor's Degree Program Pages 12-19 consisting - Evaluation, Weightage, Grading, Class, Repeat examination, unfair means and Graduation requirements). The student's progress in the UG course is judged through well spread-out periodical examination .

**The allocation of marks and relative weights:**

One credit is equal to 50 marks. The relative weightage is 20 per cent for the mid-semester examination and 80 per cent for the semester-end examination. For the practical examination 20 per cent for the class work and records and 80 per cent semester End examination.

**Table No. 23. Relative weight ages for the various examinations:**

Examination		Weightage (%)	Marks for credits	
			2 (1+1)	3 (2+1)
Theory	Mid-semester examination	20	10	20
	Semester end examination	80	40	80
Practical	Record of class work	20	10	10
	Semester end examination	80	40	40

**Grading and declaration of class:**

The gradation is on 10 point scale. The following stages are given for the declaration of classes for the UG program.

Degree Programme	Pass class	Second class	First class	First class with distinction
B.Sc. ( Hon.) Agriculture	5.0 to 5.99	6.00 to 6.99	7.00 to 7.99	8.00 and above
B.Sc. ( Agri.)	5.5 to 6.49	6.50 to 7.49	7.50 to 8.49	8.5 and above

**Graduation Requirement:**

The student has to achieve a Minimum CGPA of 5.0 on the 10.00 scale

Students seeking less than 50 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 paying fees of Rs.100/- per course within the month of the date of registration. Such repeat courses shall not be considered for the maximum credit load prescribed for the semester. If a student is Re-registered any semester/She has to pay Rs 100/course at the time of examination.

**PG programme:**

The evaluation grading of the Programis through the course credit system and as per the academic regulations for the post-graduation degree programme. The Mid-term examination is conducted by the postgraduate teachers as per the schedule circulated by the Associate Dean (PG) VNMKV Parbhani when 50 per cent of the course is completed. The mid-term examination is one hour and one and a half hours for 1+1 and 1+2 credit courses respectively. There is no missed mid-semester examination.

The examination of the graduate Programis executed by Associate Dean PG. in which the common sealed envelope of question paper is supplied from the university at various colleges where the PG Programis being implemented. The evaluation of theory papers and conduct of semester-end practical examinations is at the college level. The external examiner as per the nomination of the Dean Faculty of Agriculture conducts the final viva-voce examination after receipt of the evaluated thesis from the recognised PG teachers by BOS of various departments.

The gradation in 10 point scale is given in following table

Degreeprogramme	Second class	First class	F.C. with distinction
M.Sc. (Agri/Horti)	6.5 to 7.49	7.5 to 8.49	8.5 and above

The students securing less than 65 per cent in a course is declared as failed in that course. The student who have 80per cent attendance but failed or not appeared for course can apply for semester end examination directly without attending the classes in that course.

**Graduation Requirement**

Student has to achieve a Minimum CGPA of 6.5 in the 10.00 scale.

**6.5.4.6 . NCC/ NSS /RVC Units:**

The NCC does not exist in college but has had a separate NSS unit since the inception of this college i.e. 2000-2001. As a step to introduce the concept of responsibility, discipline, and self-sufficiency, the College organizes the NSS regular activities. Students voluntarily register and participate in community work. Students are involved in various activities, rallies, and camps organized from time to time to raise awareness about various activities in society. About 25 students (Boys and Girls) enroll every year. The students of the third year and fourth year enroll for NSS. NSS activities comprise two heads viz., Regular NSS activities and NSS special campaign program. Various programs such as blood donation, tree plantation, maintenance of trees, mulching, and irrigation of newly planted trees, prevention of AIDS, International yoga days, adult education, campus cleaning, hostel cleaning, etc. are organized as a regular and special campaign.

**Table No. 24. List of Important activities of NSS**

Year	Regular activities	No. students participated	Special camp	No. students participated
2018-19	Swachh Bharat Abhiyan,	30	Special camp was organized at village Akola NikalakTq. Badnapur 23-29 March 2019	30
2019-20	Swachh Bharat Abhiyan, International Yoga Day, Disaster Management Awareness campaign, <i>Sanvidhan Din</i>	25	Special camp was organized at village ShirajgaonGhatiTq. Badnapurduring11-17 March 2020	25
2020-21	Organ donation awareness camp, International Yoga day (Online), Tree plantationprogramme	25	Special camp was organized at village Khadakwadiduring11-17March 2021	25
2021-22	National Voters Day celebration, <i>HarGharTiranga</i> campaign, Blood donation camp, Tree Plantation,International Yoga day, Health Check up camp	25	Special camp was organized at village Dudhanwadi during 18-25 March 2022	25
2022-23	<i>Swachha Bharat Abhiyan</i> (Cleaning of Badnapur railway station), Tree	30	Special camp was organized at village Malewdi during 13-	30

	Plantation programme, Campus cleaning programme, Care & Maintenance of newly planted trees etc.s		19 March 2023	
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The students are motivated to serve the nation and country by the way of different social activities. Our students participated in the organization of different community orientation programs like Blood donation, tree plantation, *Swachh Bharat Abhiyan*, Yoga and meditation, etc.

Activities of NSS





**Activities of NSS**



**6.5.4.7. Language Laboratory:**

The language laboratory is equipped with 10 computers with internet connectivity along with language software(Lexis Software) for phonetic skills.

**6.5.4.8. Cultural center:**

The college campus has an examination hall cum Auditorium having a capacity of 120 students for the organization of various cultural activities. The various cultural activities are run through the Gymkhana section of the College of Agriculture, Badnapur for UG and PG students. The Gymkhana fund is generated through students under the control of the Associate Dean Principal and Vice President, Gymkhana. The expenditure of various cultural activities is made from this fund. A separate cultural committee is formulated to encourage the students to participate in various cultural activities. The various cultural events organized during the last five years are as under.

**List of Cultural events during –2022-23**

Sr. No.	Name of the event organized	Date of event organized during the academic year				
		2018-19	2019-20	2020-21	2021-22	2022-23
1	Ganpati festival	13 to 17 Sept.2018	02 to 06 Sept.2019	Covid 19	Covid 19	31 Aug to 06Sep.2022
2	Shri. ShivajiMaharajJayanti	19 <sup>th</sup> Feb.2019	19 <sup>th</sup> Feb.2020	19 <sup>th</sup> Feb.2021	19 <sup>th</sup> Feb.2022	19 <sup>th</sup> Feb.2023
3	Dr. BabasahebAmbedkarJayanti	14 <sup>th</sup> April 2019	14 <sup>th</sup> April 2020	14 <sup>th</sup> April 2021	14 <sup>th</sup> April 2022	14 <sup>th</sup> April 2023
4	Sports Week	05-08 Feb.2019	04-07 March 2020	Covid 19	15-19 Feb.2022	13-16 Feb.2023
5	Cultural Programme(Drawing, Debate, Singing, Dance & Short Play)	08 Feb.2019	04-07 March 2020	Covid 19	19 <sup>th</sup> Feb.2022	31 Aug to 06 Sep.2022

College formulates student cultural committees as per the events so that they can celebrate, educate, and explore leadership. The college also provides opportunities to organize and execution of various cultural activities. Every year college celebrates the birth and death anniversary of great leaders like Mahatma Gandhi, Dr. B.R. Ambedkar, Subhash Chandra Bose, and Indira Gandhi, etc. Students also celebrate the Ganesh festival, ShivajiJayanti, AmbedkarJayanti, and other programs to build unity among themselves.

Cultural programmes



**Jayanti celebration**



### 6.5.4.9. Personality Development:

The institution strived towards the overall development of students and quality education enhancement of learners through various aspects of holistic personality development, orientation Program and life skill enrichment programmes conducted during their period of studies that focus on communication skills, leadership qualities, analytical skills, etiquette and awareness Program on climate change and environment protection etc.

The curriculum for the UG, a course on spoken English and communication skills is included.

The details of the personality development workshop and innovative lectures organized at this college during the last 5 years are as under-

Sr. No.	Innovative lectures	Beneficiary	No. of lectures organized				
			2018-19	2019-20	2020-21	2021-22	2022-23
1	Personality Development workshops conducted for improving language skills, Orientation towards goals	UG/ PG students & Staff	3	3	3	3	8

**Table No. 25. The details of personality development workshops are as under :**

Sr. No.	Topic	Counsellor	Duration	Beneficiary	Achievements
1	Alumina, farmer and Industrialists Interface workshop	Mr. Tamboli Nisar, DCP, Crime Branch, Mumbai Police, Vijay Jadhav, Poultry Industrialist and Bhagwanrao Dongre, Progressive farmer	29 March, 2018	UP/ PG students & Staff members (90 Participants)	Personality and Verbal Improvement Skill. Orienting towards entrepreneurship
2	Personality Development workshop conducted by	Dr. Satish Mokashi, BAMU, Aurnagabad	20-22 February, 2019	UG/PG students And one day for Faculty	Soft skills of communication and personality development

3	Personality Development workshop was conducted during	Dr. B Sivaprasad.	23-25 February, 2020	UG/PG students And one day for Faculty	Soft skills of communication and personality development
4	Lecture series for preparation of ICAR JRF and Language	1.Dr. MirzaBiag 2. Dr. SapnaPanwar 3. Dr. YogeshThorat 4. Dr. Suresh Nevapure 5.Dr. DhayaneshwarBorse	15-28 March 2022	UP/ PG students &Staff members (90 Participants)	Guidance for IRS examinations. Soft skills of communication and personality development.

**Mock test conducted for JRF aspirants**

Sr. No.	Mock test	Beneficiary	No. of lectures organized				
			2018-19	2019-20	2020-21	2021-22	2022-23
1	JRF aspirants/ students	UG students	15	18	18	15	17

## Personality Development



## Personality Development





**6.5.5. Physical Facilities:**

**6.5. 5.1. Hostels:**

Residential facilities for boys and girls are available for UG and PG students of this college. At present, the college is having 03 hostels (01 Boys & 02 girls) with a total residential capacity of 200 students.

The available accommodation facilities are comfortable and provide all the basic and modern supporting facilities like mess, CCTV cameras, Television set, Gym Facility, solar water heaters, water coolers, UV water purifiers, solar lamps, inverters, etc. The Indoor game facilities like table tennis and boll badminton, chess, carom, etc provided for recreation. The regular cleaning operations of hostels are carried out with the help of class IV staff provided to hostels. The emergency medical facilities for boys and girls are provided by contacting PHC and local doctors from Badnapur as and when required.

Table No. 26. Facilities available in Boys and girls hostel:

Sr. No	Name of hostel	Total capacity	Total rooms available	No of students accommodated/ room	Total accommodation	Mess facility	Hygiene Facility	Drinking water	Indoor Games facility	Cleaning of hostel premises	Transport facility	Emergency medical facility
1	Boys hostel (UG)	100	33	03	100	No	---	Yes provided with RO	Yes	Daily cleaning followed	No as hostel in College campus	Yes college vehicle is provided on demand to take them to hospital
2	Girls hostel (UG)	100	22	04/05	95	Yes Cooperative mess	Vending, Napkin Disposal Machine	Yes provided with RO	Yes	Daily cleaning followed	No as hostel in College campus	Yes
3	Girls' hostel (PG)	24	08	03	24	Yes Cooperative mess	No	Yes provided with RO	Yes	Daily cleaning followed	No as hostel in College campus	yes

## Hostels

**Boy's Hostel**



**Girl's Hostel**



### 6.5.5.2 Examination Hall:

At present college has one separate examination hall with 1900 sq.ft.having a capacity of approximately 100 students in addition two classrooms are utilized for the smooth conduct of the examination

Sr. No.	Capacity of Examination Halls (No. of Desks per hall)		
	Examination hall 1	Classroom cum Examination hall2	Classroom cum Examination hall3
1.	120	42	70

In all three halls, there is an arrangement of dual desks, lights, ceiling fans, curtains and having good ventilation & CCTV camera.

### Examination Hall



### 6.5.5.3 Sports and Recreation Facilities:

The sports facilities for the students are made available by the Gymkhana section of college, spacious grounds for Kho-kho, Kabbadi, Cricket and Volleyball are made available. College organize Sports week for students every year in which student participate in many sports events such as Badminton, Chess, Cricket, Volleyball, Kho-Kho, Kabbadietc.The students are motivated to participate in inter-collegiate/ inter- university games/ sports competitions organized every year by VNMKV, Parbhani. The details of ground facilities both for Indoor and Outdoor gamesare as under.

**Table No. 27. Ground facilities and their use**

Sr No	Name of Outdoor sport	No	Use	Name of Indoor sport	No	Use
1	Kho-kho ground	01	Regularly play on the ground in morning and evening from 6.00-7.30& 18.00-19.30 respectively	Table tennis	02	regularly play in morning and evening session from 6.00-8.00
2	Kabaddi ground	01	Regularly play on the ground in morning and evening from 6.00-7.30& 18.00-19.30 respectively.	Chess	05	Often used by students.
3	Volley ball court	01	Regularly play on the ground in morning and evening from 6.00-7.30& 18.00-19.30 respectively.	Gymnasium with multi exercise station	01	At morning and evening from 5.00 to 8.00 am and 17.30 to 19.00 pm daily
4	Cricket	01	Regularly play on the ground in morning and evening at 6.00-7.30& 18.00-19.30 respectively.	Carrom Board	04	Often used by students

**Table No. 28. Awards and honours obtained by students for games.**

Sr. No	Name of Event	Level of Participation	Award/ Medal	Name of student	Achievement.
<b>Academic year 2019-20</b>					
1	Kabbadi	Ashwamedh	Participation	Puja Jadhav	Selected for the Ashwamedh Games
2	Kabbadi	Ashwamedh	Participation	Geeta Sawant	ICAR Selected
<b>Academic year 2022-23</b>					
1	400 m running	Inter collegiate	Runner up	Sachin Thale	Represented the University for Ashwamedh games
2	400 m running	ICAR Sports	--	Sachin Thale	Represented the University for Ashwamedh games
3	Chess championship	Inter collegiate	Runner up	Krishna Shide,	Inter university
4	Chess	Inter	Runner up	1. Om Nagre,	Inter university

	championship	collegiate		2.Rohan Bormale 3.Nikhil, Jaiswal	
5	Chess championship	Inter university	--	1.Om Nagre, 2.Rohan Bormale 3.Nikhil, Jaiswal	ICAR Sports

### Sport's Facility



### Sport's Facility





**6.5.5.4. Auditorium:**

Presently there is no separate auditorium, but one multipurpose conference hall with a seating capacity of nearly 120 people is being used for various cultural and academic functions.

**Table No. 29. Cultural and Academic events organized during academic period of 2018-19- to 2022-23**

Sr. No.	Name of the event organized	Date of event organized during the academic year				
		2018-19	2019-20	2020-21	2021-22	2022-23
1	Ganesh festival	13 to 17 Sept.2018	02 to 06 Sept.2019	Covid 19	Covid 19	31 Aug to 06 Sep.2022
2	Shri. Shivaji Maharaj Jayanti	19 <sup>th</sup> Feb.2019	19 <sup>th</sup> Feb.2020	19 <sup>th</sup> Feb.2021	19 <sup>th</sup> Feb.2022	19 <sup>th</sup> Feb.2023
3	Krishi Din	01 July 2019	01 July 2020	01 July 2021	01 July 2022	---
4	Dr. Babasaheb Ambedkar Jayanti	14 <sup>th</sup> April 2019	14 <sup>th</sup> April 2020	14 <sup>th</sup> April 2021	14 <sup>th</sup> April 2022	14 <sup>th</sup> April 2023
5	Reading Program on Occasion of Dr Abdul Kalam Birth anniversary	15th October 2018	15th October 2019	15th October 2020	15th October 2021	15th October 2022

### Auditorium



#### 6.5.5.5. Exhibition Hall/Museum:

The college has one agricultural museum. In the museum, various models, flex, vinyl display boards, standing displays, rotating boxes, specimens, etc. are placed. This is useful to make students as well as visiting farmers aware of agricultural information and research outputs of VNMKV, Parbhani. Other college students also visited the museum and collected the information.

**6.5.6. Research Facilities:****6.5.6.1. Postgraduate Laboratories and Equipment:**

The teaching staff of various sections is carrying out research as per the finalization of research topics in the research planning committee of the university. The postgraduate students are carrying out by students are conducting research as per the approval of the Board of Studies of respective departments which is based on location-specific problems. Since 2013-14 college has been imparting post graduate Program of M. Sc. in 6 disciplines. Field research trials of M.Sc. students have been conducted regularly. All the departments have well-equipped laboratories which have been developed over the years having modern facilities for both basic and applied research of Agricultural Chemistry, Agril. Entomology, Plant Pathology, Agronomy, Agril. Botany and Horticulture are available.

**Table No. 30. Available important Equipments of Postgraduate Laboratories.**

<b>Sr. No</b>	<b>Section</b>	<b>No. of Lab.</b>	<b>Equipments housed</b>
1	Agronomy	01	Leaf area meter, Automatic weather station, Hot Oven, tensiometer, Gypsum block etc two sprinkar set, tractor and tractor drawn implements.
2	Agril. Botany	01	Leaf area meter, Hot air oven, Autoclave, Microscopes, seed counter.
3	Agril. Chemistry and Soil Science	01	Flam Photo meter, Spectrophotometer, Oven, Digestion& distillation unit, Shakers.
4	Plant Pathology	01	Electronic balance,Laminar air flow,BOD incubator, Autoclave Hot Air Oven, Precision balance, Microscope attached with digital camera.s
5	Agril. Entomology	01	Sterio-binocular microscopes, Students microscopes, <i>cocyra</i> raring boxes.
6	Horticulture	01	Garden tools, Lawn mower, Shed net house ,deepfreeze, Brix hygrometer, hand rifractometer

**6.5.6.2. Research Contingency:**

The expenditure towards the PG program is met from revenue and contingency grants available with the college.

**Table No. 31. Details of Department wise Research Contingency:**

<b>Sr.No.</b>	<b>Department</b>	<b>Amount in Rs.</b>
1.	Department of Agronomy	51,000
2.	Department of Agricultural Botany	42,000
3.	Department of Agricultural Entomology	68,000
4.	Department of Horticulture	38,000
5.	Department of Plant Pathology	45,000
6.	Department of Soil Science and Agricultural Chemistry	56,000

### PG Reasearch Experiments



**6.5.7. Outcome/Output**

**6.5.7.1. Student Performance in National Examinations:**

The college is motivating the students to appear in various competitive examinations, like JRF /SRF, ARS, etc. Weekly mock tests were organized by the college faculties. For JRF aspirants, discussion after the mock test is also organized to clarify common doubts. The study material in the form of textbooks, objectives, and latest updates are made available to the student well in advance, from submission of online forms up to hall ticket issues the college faculties helping students. With these efforts, our students have qualified in many examinations and brought laurels to the college.

**Table No. 32. Information on performance of students in National examinations**

Year	Performance of students in National examinations					
	JRF holder	SRF holder	ET	ARS	Other Exams	
					MCAER	Bank
2018-19	--	--		--	14	08
2019-20	--	--		--	08	02
2020-21	02	--		--	12	03
2021-22	02	--		--	15	02
2022-23	--	1		--	12	10

**Table No. 33. List of JRF holders and qualified students with their rank**

Sr. No.	Academic year	No. of JRF qualified	No. of JRF holders	Stream	Reg. No.	Name of JRF holders	AIR Rank	Category
1	2020-21	02		Agronomy GPB		1. Bhushan Deshmukh 2. ShivamPatil		1. Trishur, Kerala Physically handicapped AAU, Gujrat
2	2021-22	02	-	1. Agril. Entomology 2. Plant pathology		D. D. Shinde  Shreeganes hSarjane		Pusa Bihar CAU, Zanshi, UP

\*Current year

**Table No. 34. List of SRF/ NET qualified students during last five years**

Sr. No.	Academic year	No. of SRF/ NET qualified	Discipline	Registration No.	Name of NET/ SRF Qualified Student
1	2018-19	1	Entomology Horticulture		1. Mahesh Misal 2. AmolVirkar
2	2019-20	1	Agronomy Horticulture Horticulture Pl. pathology Pl. pathology Entomology	01MB2017A	1. Darade G. A. 1. DiwateDigvijay 2. Bhalerao Kailas 3. Bhosle Ashok 4. ShitalPudke 5. AshataiKendre 6. JaybhayeChaudatta
3	2020-21				
4	2021-22	8	Agronomy          Entomology	05MB 2014A 02MB 2015A 04MB 2015A 05MB 2015A 04MB 2016A 02MB 2017A 03MB 2017A 04MB 2017A 14MB2016A 16MB2018A 15MB2017A 16MB2013A	1.Satale Bhimashankar 2. Kailas Gavhane 3. Avdhut Mule 4.Sarika Puri 5. Ghuge Ganesh 6. PriyankaElmule 7. PawanKakad 8. Mahesh Kutwal 9.Manchalwar S L 10. Sonawane S T 11. Hame G S 12. Dhande M R
5	2022-23	Ph D admission through SRF	Plant Pathology		1.Lalit PandurangPatil

**6.5.7.2 . Students Placement Profile :**

The college has an active placement cell, which not only organizes campus interviews but also trains the students in job skills.

**Table No. 35. Brief account of recruitment of students through college placement cell.**

Year	National exams		State level exams				
	ICAR PG Entrance	Banking	Public service commission.	State CET for PG	Public sector	Private sector	Self employed
2018-19	-	08	04	14	09	13	02
2019-20	-	02	-	08	14	18	01
2020-21	-	03	-	12	03	07	-
2021-22	-	02	01	15	-	29	06
2022-23	09	10	-	26	-	24	02

**Students Placement Profile (UG):**

Sr. No.	Academic year	No. of students passed	No. of students placed	Percent of placement
1.	2018-19	64	23	34
2.	2019-20	60	24	40
3.	2020-21	63	14	23
4.	2021-22	81	28	35
5	2022-23	71	29	41

**Employment profile of outgoing UG students**

Sr. No.	Academic year	Employment Type				
		Govt.	Private	Study/Job Abroad	Self entrepreneurship	Higher Studies
1.	2018-19	17	06	-	02	02
2.	2019-20	16	08	-	04	03
3.	2020-21	05	09	-	04	02
4.	2021-22	08	20	-	06	15
5	2022-23	07	22	01	03	35

**Students Placement (PG)**



<b>Sr. No.</b>	<b>Academic year</b>	<b>No. of students passed</b>	<b>No. of students placed</b>	<b>Percent of placement</b>
1.	2018-19	34	10	30
2.	2019-20	33	19	43
3.	2020-21	27	11	22
4.	2021-22	32	13	41
5	2022-23	33	08	25

**Employment profile of outgoing PG students**

<b>Sr.No.</b>	<b>Academic year</b>	<b>Employment Type</b>				
		<b>Govt.</b>	<b>Private</b>	<b>Study/Job Abroad</b>	<b>Self entrepreneurship</b>	<b>Higher Studies</b>
1.	2018-19	01	09	--	--	04
2.	2019-20	01	18	--	01	02
3.	2020-21	06	05	--	01	03
4.	2021-22	-	13	--	--	01
5	2022-23	02	06	--	--	02

**Placement Cell Activities**



**Harshada Jedhe, M.Sc. (Agronomy)**  
**Selected as Probationary Officer in Punjab National Bank (2023)**



**Nikesh Narule, M.Sc. (Horticulture)**  
**Selected in Adani Group of Industries (2023) with package 7.75 lakh per annum**



**Jasthi Shrivarsha**  
**SRF & NET AIR 40**  
**Discipline : Plant Science**



**Akhila Reddy, B.Sc. (agri.) (2018-22)**  
**Went for Higher Studies (MBA) at Sacred Heart University, USA**

### 6.5.7.3 Awards/Recognitions/Certificates:

Table No. 36. Awards and Honors obtained by students and faculty.

Year	Student	Faculty
2018-19	NIL	<ul style="list-style-type: none"> <li>• <b>Dr S. B. Pawar, best poster presentation award</b> at International seminar on global climate change: Implications for agriculture and waste sectors held at WALMI Aurangabad.</li> <li>• <b>Dr S. B. Pawar, best poster award</b> presentation at ISPP West Zonal seminar on emerging trends in plant physiology for crop production under climate change scenario organized by M.P.K.V RAHURI.</li> </ul>
2019-20	NIL	NIL
2020-21	<p>1. BhushanDeshmukh got admission through JRF in M. Sc. Agronomy at Trishur, Kerala</p> <p>2. ShivamPatil got admission through JRF in M. Sc. GPB at AAU, Gujrat</p>	NIL
2021-22	<p>1. D. D. Shinde got admission in Agril Entomology at Pusa, Bihar.</p> <p>2. ShreeganeshSarjane got admission in Plant Pathology at CAU, Zanshi</p>	<ul style="list-style-type: none"> <li>• <b>Dr. K. T. Jadhav</b>, Associate Professor of Agronomy received appreciation letter for seed production, campus beautification &amp; overall contribution in university work from Hon. Vice Chancellor, VNMKV, Parbhani.</li> <li>• <b>Dr. D. K. Patil</b>, Officer Inchargr ARS, Badnapur received appreciation letter for outstanding research work &amp; overall contribution in university work from Hon. Vice Chancellor, VNMKV, Parbhani.</li> </ul>

		<ul style="list-style-type: none"> <li>• <b>Dr. M. B. Patil</b>, Officer Inchargr FRS, Aurangabad received appreciation letter for overall contribution in university work from Hon. Vice Chancellor, VNMKV, Parbhani.</li> <li>• <b>Dr. S. B. Pawar</b>, ADR, NARP, Aurangabad, received appreciation letter for outstanding extension work &amp; overall contribution in university work from Hon. Vice Chancellor, VNMKV, Parbhani.</li> <li>• <b>Dr. S. G. Patil</b>, Officer Incharge, SORS, Badnapur received appreciation letter for seed production, Germplasm collection &amp; overall contribution in university work from Hon. Vice Chancellor, VNMKV, Parbhani.</li> <li>• <b>Shri. G. D. Giri</b>, Agriculture Assistant received appreciation letter for seed production work from Hon. Vice Chancellor, VNMKV, Parbhani.</li> <li>• <b>Shri. BhikajiBramhane</b>, skilled labour received appreciation letter for campus beautification work from Hon. Vice Chancellor, VNMKV, Parbhani.</li> <li>• <b>Dr N. D. Deshmukh</b> Assistant Professor of Extension Education received best poster presentation award at IPS seminar at Latur.</li> </ul>
2022-23	<ul style="list-style-type: none"> <li>• LalitPandurangPatilGot admission at IARI for Ph. D. in plant pathology.</li> </ul>	NIL

**Faculty Awards**



**Dr . S. B. Pawar**  
**Received VasantNaikSmrutiPratishthan**  
**Award**



**Dr. K. T. Jadhav**  
**Received Appreciation letter from Hon.**  
**Vice-Chancellor, VNMKV, Parbhani**  
**(2022)**



**Dr. A. A. Chaudhari**  
**Received Best Paper Presentation award in**  
**National Conference (2020) held at Kada, Beed.**



**Dr. D. K. Patil & Dr. V. K. Gite**  
**Received Radhakishan Shanti Malhotra**  
**award**



**Dr. B. C. Andhare, received Dr. V. Kurien Award in**  
**Dairy Technology during International Conference on**  
**“Innovative Approaches in Agriculture, Horticulture &**  
**Allied Sciences”, SGT University, Gurugram Haryana.**



**Dr. S. B. Pawar, received best poster award in**  
**National conference**  
**“ Millets for healthier life and sustainable**  
**agriculture” during 17-18 March 2023.**

**6.5.7.4. Employability:**

The college strives hard towards the overall development of students, all most theory classes of UG and PG programs ensure the upscaling of personality and domain knowledge of the students. By imparting different practicals, problem exercises, field studies, industrial visits, hands-on training, and an Experiential Learning Programme, the college emphasizes skill development. An effort has been made to get self-employment through establishing units such as vermicompost, nursery management, vegetable production, floriculture, mushroom cultivation, preparation of various milk products, seed production, poultry production sericulture, etc.

The different government-sponsored pieces of training/workshops/ camps are implemented either in the college or off-campus with the help of other nodal agencies viz; NABARD, State Agricultural department, and financial institutes that orient and provide a platform for the students to establish new enterprises. The placement cell is formulated at this college under the chairmanship of Dr. S. S. Mane, Professor(CAS), Soil Science and Agriculture Chemistry. This cell is working under the guidance of the Chairman of the placement cell, VNMKV, Parbhani, and the Associate Dean and Principal of this college. The placement cell is actively engaged in conducting guest lectures for preparation of various competitive examinations like Junior Research Fellow, Senior Research Fellow, ARS, NET, CET, banking, MPSC, UPSC, etc.; The placement cell also organizes campus interviews with various banking sectors, private seed companies, private chemical and fertilizer companies, and other allied agriculture sectors for the recruitment of students in these organizations, and also conducts personality development workshops to make the students more competitive in the job market.

The college encourages the final year students of M.Sc.Program to carry out their research projects in reputed research institutes like ARS, Badnapur; SORS, Badnapur; NARP, Aurangabad; FRS, Aurangabad; ICRISAT Hyderabad and industries like MAHYCO, Sheetal seeds, Jalna etc. around Badnapur which makes them more competent for the global market. Most of these students are employed in the various government, and private sectors at higher as well as village level

positions. Their knowledge is definitely helpful to the community and societies including farmers.

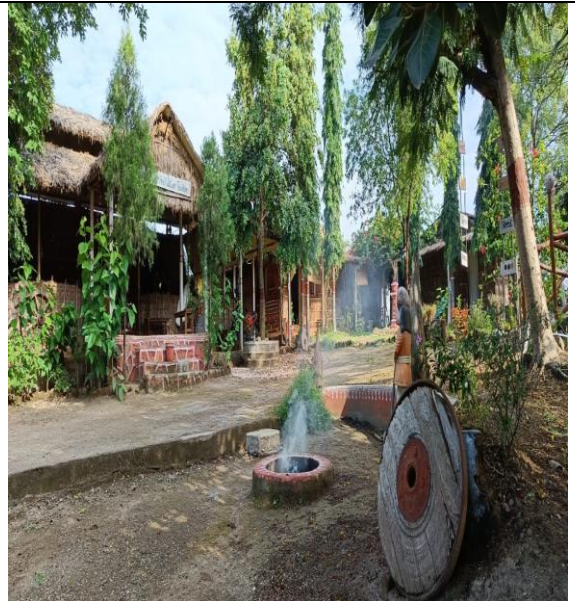
### Successful Entrepreneur

  <p><b>Mr. Yogkumar Shrikhande, A/P Kaygaon, Tq. Sillod Dist. Aurangabad, Maharashtra.</b>  <b>Mb. No. 08600715451/09096179143</b>  <b>Reg. No. 2016AGBD056</b>  <b>Year of Passing: 2021-22</b></p>	<p><b>Sangharsh Ropvatika A/P Kaygaon, Tq. Sillod, Dist. Aurangabad Sate- Maharashtra.</b>  <b>Products: Vegetable Seedlings.</b>  <b>Marketing: Local market</b>  <b>Approximate turnover per year (Rs.) Rs. 1.5 Crore</b></p>
	
	

**Successful Entrepreneur**



**Mr. Manoj Hadwale**  
A/P Junner Dist. Pune  
Mb. No. 9970515438  
ParasharAgri & Culture Tourism.  
Web: [www.parasharagritourism.com](http://www.parasharagritourism.com)





Successful Entrepreneur



**Mr. Amol Balande, A/P Tal. Phulambri  
Dist. Aurangabad, Maharashtra.  
Mb.No. 09404878287  
and @ balande95gmail .com  
Year of Passing:2013-14**

**RadhaiOrganics , At/ Post: Borgaonarj.  
Tal. Phulambri. Dist. Aurangabad,  
Sate- Maharashtra.**

**Products: Vermicompost, Vermiwash,  
Organic manure, Neem powder etc.**

**Capacity: 8000 bag of 50kg**

**Total income : 2 Lakh/ months**

**Marketing: local market**

**Approximate turnover per year (Rs.)**

**Rs. 90,20,000/-**

**Approximate net profit per year (Rs.)**

**Rs. 18-20 lakh/-**



**गांडूळ खत निर्मितीमधून स्वयंरोजगार**

म. टा. प्रतिनिधी, फुलंब्री

तासुन्यातील बोगाव अर्ब येथील उच्चशिक्षित तरुणाने नोकरीच्या मार्गे न लागता गांडूळ खत निर्मिती प्रकल्प उभारला आहे. या उद्योगातून अवघ्या सहा महिन्यात उत्पन्न मिळवत त्याने बोगावतीर मात केली आहे. अमोल रमेश बलंडे, असे या तरुणाचे नाव आहे.

सामायिक खत व औषधींचा वापर यामुळे बहिर्देशीय रेल खत होत असून शेती उत्पादनात घट होत आहे. पिके व भाजीपाल्यावर अनेक प्रकारची रासायनिक औषधी फवारणी जाते. यामुळे कसदार अन्न मिळत नसल्याचे बोलले जाते. सामायिक खत व औषधींचा दुष्प्रयोग रोखण्यासाठी शेतकऱ्यांनी संदीप शेतकडे वळावे यासाठी कृषी विभागाकडून मोठे प्रयत्न केले जात आहेत. बलंडे



यांना नाबाईचे डी. डी. महाजन, कृषी विभागाच्या वरिष्ठ अधिकऱ्यांचे सहकार्य मिळाले. अमोल यांनी बदनपूर येथी

गांडूळ खत निर्मितीसाठी पूर्वी मिश्ट ब्रॉकिंगचे दोन हीट होते. विस्तारीकरणात पर्यायिक देहा हीट विकत आणले आहेत. या हीटत स्वतःच्या व आजूबाजूच्या शेतामधील कचरा, जनावरांची उत्पन्न व यापसून दोन महिन्यात १५५ बॅग गांडूळ खत प्रथम तयार केले. हे खत यामध्ये येथील संतोष सोनवणे यांनी प्रति बॅग ५०० रुपये या दराने विकत घेतले. यानुसार ७७ हजार ५०० रुपये, गांडूळ खत विक्रीतून ८० बॅग खत बसंतराव नाईक मराठवाडा कृषी विद्यापीटाने ५१० रुपये प्रति बॅग या दराने विकत घेतले आहे. उर्वरित खताची खरेदी सिल्लेड तालुक्यातील शेतकऱ्यांनी केली. सध्या प्रत्येक दोन महिन्याला खत निर्मितीमधून सुमारे दीड लाख रुपयांचे उत्पन्न मिळत आहे. विशेष म्हणजे खत निर्मितीआधीच मागणी वेत आहे.

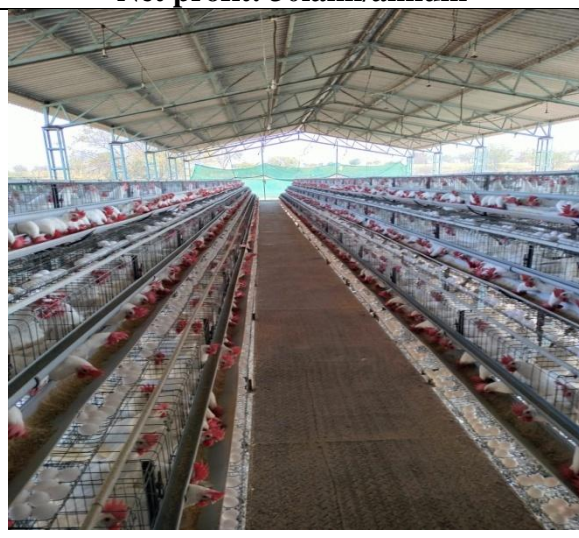
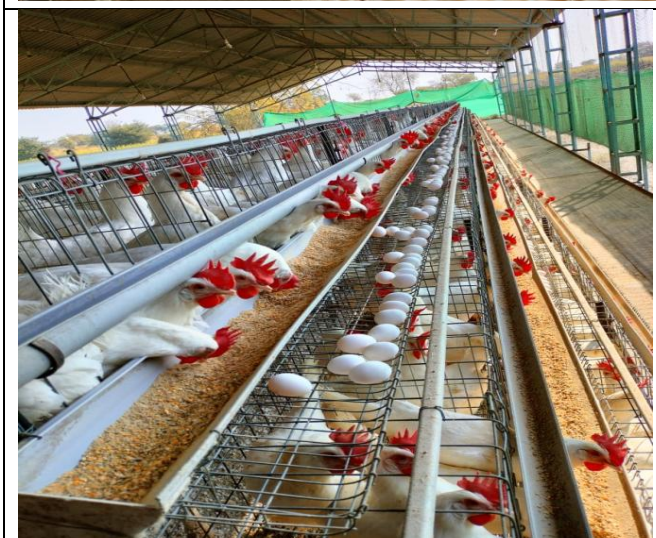
गांडूळ खताची मागणी वाढतच जाणार आहे. हा व्यवसाय अत्यंत तटस्थता भांडवलाने सुरू करता येतो. संदीप शेतकडे शेतकऱ्यांचा काल वाढत असल्याने या व्यवसायात मोठी संधी आहे.

श्री. एस.सी. अंगीकरलखर पूर्ण केले होते. त्यामुळे अंगी विवनेस मॅनेजमेंटचे शिक्षण बांधकडेवर येथील विद्यापीटाने घेतले. अमोल बलंडे यांनी लक्ष केंद्रित करून बहिलानी स्वतःच्या शेतीपुरत सुरू केलेली गांडूळ खत निर्मितीचा विस्तार केला आहे.

### Successful Entrepreneur



**Baba Pralhad Ware, Sai Poultry Farm**  
**At. Bandhkhadak, Tq. Jamkhed**  
**Dist. Ahmadnagar**  
**Capacity: 5500Birds**  
**Product: Eggs & Poultry Mannure**  
**Income: 90lakh/annum**  
**Expenditure: 60lakh/annum**  
**Net profit: 30lakh/annum**



**SangharshRopvatika**  
**SagarAmbadasul**  
**Vegetable Trader**  
**Gultekadi Market Yard, Pune**  
**Annual turnover: 70 to 80 Lakh**

**Best Alumni**



**Yogesh Warkad (2001-05)**  
**Got selected in Indian Forestry Service (IFS)**



**Kailas Bhavar (2005-09)**  
**Got selected in Indian Forestry Service (IFS)**



**Dr. Manoj Nikumbh**  
**ARS Scientist NRC Grape Pune.**



**Dr. Soma Gupta**  
**ARS Scientist, IARI New Delhi.**

## Alumni Meet 2022



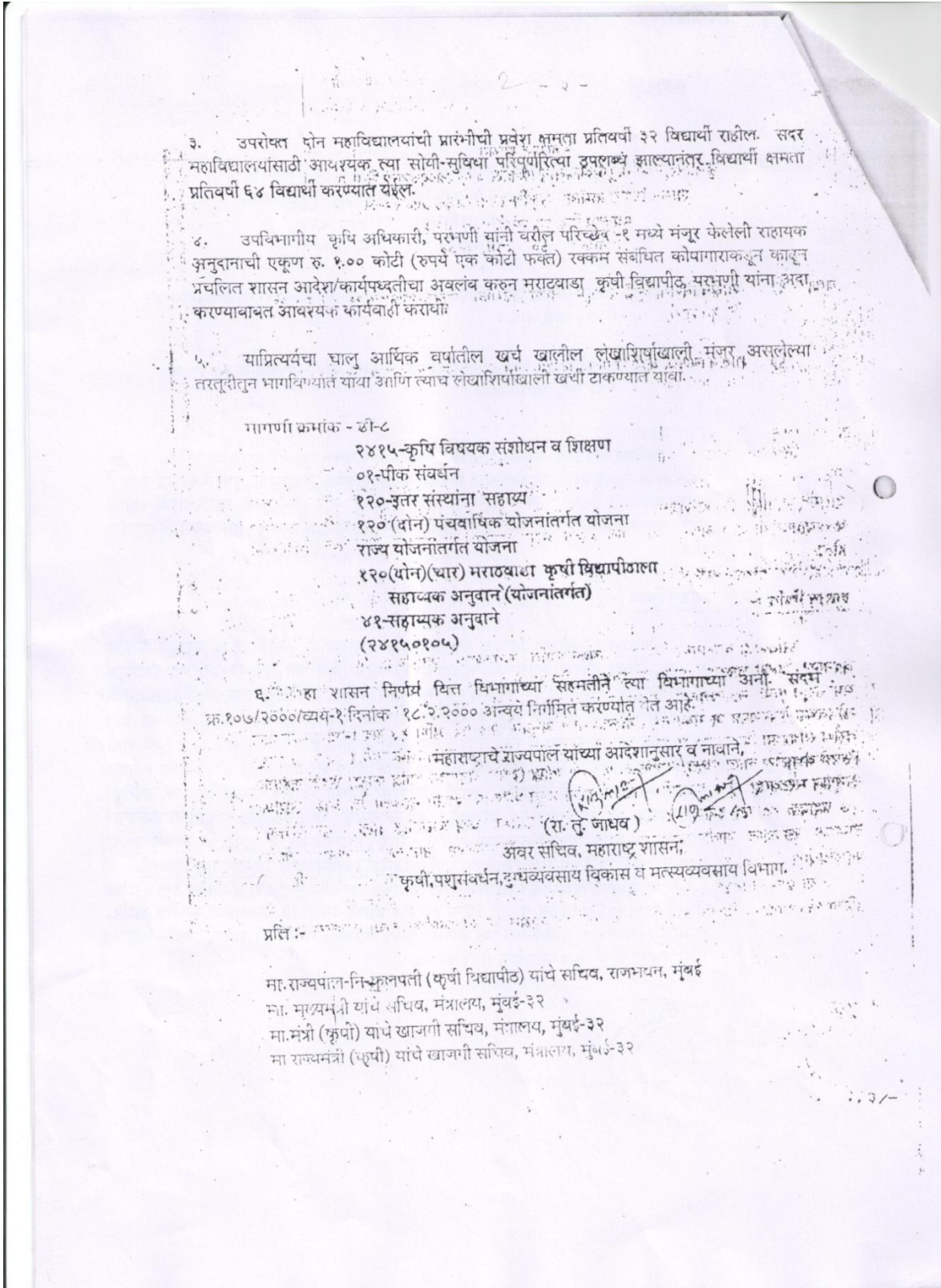
### 6.5.9. Certificate

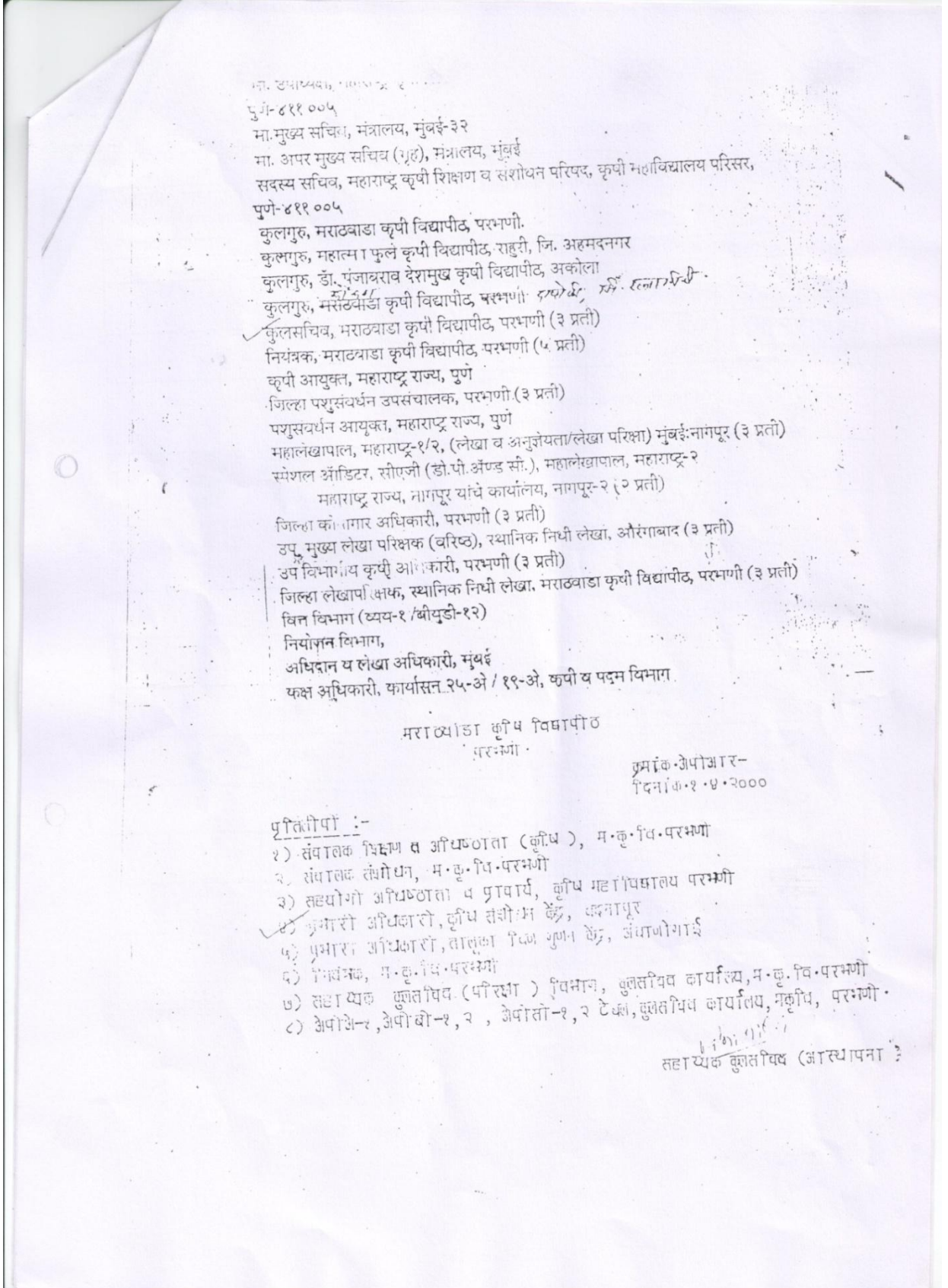
I, the Dean, **Dr. R. D. Ahire** College of Agriculture, Badnapur hereby certify that the information contained in Sections 6.4 and Sections 6.5.1 to 6.5.7.4 are furnished as per the records available in the college and degree awarding university.

(R. D. Ahire)

Signature of Dean of the College with Date & Seal







## College Building & Garden





