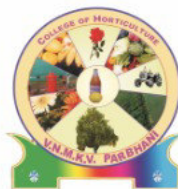


SELF STUDY REPORT (2018-2023)



Submitted to

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



College of Horticulture, Parbhani
Vasandrao Naik Marathwada Krishi Vidyapeeth
Parbhani - 431402 (MS) INDIA



**Vasant Rao Naik Marathwada Krishi
Vidyapeeth, Parbhani**



**COLLEGE OF HORTICULTURE, PARBHANI
MAHARASHTRA**

SELF STUDY REPORT

Submitted to

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

Message

From Vice-Chancellors Secretariat

Indeed I am glad to know that College of Horticulture, Parbhani a constituent College of this prestigious university, has prepared a self study report of its College for accreditation purpose.

I record my best wishes for the accreditation of this College for the next five years.

Vice-Chancellor
VNMKV, Parbhani

Foreword

Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani through its various constituent colleges caters the need of Horticultural Education in Marathwada region of Maharashtra. College of Horticulture, Parbhani is our constituent college with well-developed infrastructure, qualified academic staff and other related facilities required to implement the educational program at Graduation level.

The Self Study Report prepared by Associate Dean & Principal of College of Horticulture, Parbhani and his co-worker embodied all the related information requisites in the Self Study Report for accreditation purpose.

I send my best wishes to the college administration for preparation of this Self Study Report for the accreditation purpose of College of Horticulture, Parbhani

**Director of Instruction and Dean, F/A,
VNMKV, Parbhani**

Preface

College of Horticulture, Parbhani is a constituent College of Vasantao Naik Marathwada Krishi Vidyapeeth, Parbhani, established in the year 1984. It caters the need of horticultural education of the young graduating students across Maharashtra and other states. The college has well infrastructural facilities, qualified academic staff, technical and supporting staff, administrative personnel, cultivated farm for on farm experimentation and practicals to train students in their operational skills. The college organized several programs for the overall development of the students. Further the infrastructural facilities developed in the college are also available for the post graduate students in horticulture perusing the research.

Accreditation of the institution encourages its faculty and students for their future endeavor. This comprehensive accreditation report of the College of Horticulture will serve the purpose of accreditation of this college.

(V.S. Khandare)
Associate Dean & Principal
College of Horticulture
V.N.M.K.V. Parbhani

Acknowledgement

I place on record the timely submission of information by all the academic and administrative staff members, required for the inclusion and preparation of self study report of this college for accreditation purpose. The in charge of respective Cells, like admission Cell, (Dr.V.S.Khandare), Education and Examination Cell and NSS (Dr.B.M. Kalalbandi) , Proctors of Hostels (Dr..A.S.Lohakare and Dr.V.V. Bhagat), Farm Incharge (Shri.Izaz Sheikh), Sport Incharge (Dr.V.V. Bhagat) and Administrative Cell (Shri.S.R.Narwade and Shri.A.R.Deshmukh) contributed the appropriate information of the branch for this report.

I also put on record the help rendered by Dr.B.M. Kalalbandi, Dr.V.V. Bhagat, Dr. S.R.Wankhede, Dr.G.P.Jagtap and Dr.A.S.Lohakare for preparation of this report.

Our thanks are due to Dr. Indra Mani, Hon'ble Vice Chancellor of our University and Dr.D.N. Gokhele, Director of Instruction and Dean, F/A of our University for their timely guidance and help during the preparation of this report.

I also thanks all those who directly or indirectly involved in the preparation of this report. My appreciation is to Shri. Shivdas Ubale who typed the manuscript of this report in its final form.

Associate Dean & Principal
College of Horticulture
V.N.M.K.V. Parbhani.

College of Horticulture, VNMKV, Parbhani

Committees Formulated for Compilation and Preparation of Accreditation Report are as follows

Task Force	Committee
1. Dr. V.S. Khandare	Chairman
2. Dr. B. M. Kalalbandi	Nodal Officer
3. Dr. G.P. Jagtap	Member
4. Dr. V.V. Bhagat	Member
5. Dr. A. S. Lohakare	Member
6. Dr. S. R. Wankhede	Member

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College of Horticulture

VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH
COLLEGE OF HORTICULTURE PARBHANI- 431 402



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6.4 Self Study Report for the programme: B.Sc (Hons.) Horticulture

6.4.1 Brief History of Degree Programme

6.4.1.1. History

1. **State:** Maharashtra

2. **Name of University:** Vasant Rao Naik Marathwada Krishi Vidhyapeeth, Parbhani

Name of College : College of Horticulture, Parbhani

Telephone No. 02452-220570

Fax: 02452-222687

E-mail : hortmaupbn@rediffmail.com

3. **Head of Faculty :** Dr. V. S. Khandare, Associate Dean & Principal

4. **Head (CEO) of the College :** Dr. U. M. Khodke, DI & Dean (F/A) VNMKV, Parbhani

The main object to start B.Sc. (Hort.) degree programme in Marathwada region is to cater the needs of advance knowledge of fruits, vegetables and flower growers of the region and others involved in horticultural industries. The students are trained in recent trends in horticulture. The syllabus is prepared and planned on line with sound practical base. The horticultural graduates today are required to provide technology not only for increasing fruits, vegetables and ornamental plants production but also for reducing post-harvest losses and value addition through processing of produce. Increasing export opportunities in horticulture and allied industry sector has additional demands on horticultural education to meet the growing requirements of fruit, vegetable and flower crops. The education in horticulture includes skills and knowledge to meet the challenges of providing increasing employment opportunities to young horticultural graduates in academic institutions and service sector. The students are trained on a Nursery management and Protected cultivation of high value horticultural crops with an object to develop professionalism in horticultural graduates. The college has well trained staff, class rooms, laboratories, field and some of the infrastructures from College of Agriculture, Parbhani are used.

Considering the above objectives, the College of Horticulture, Parbhani was started in the year 1984 as a degree programme B.Sc. (Horticulture) under the administrative control of Associate Dean and Principal, College of Agriculture, VNMKV, Parbhani for the students who have passed XIIth Std. (10+2) (Science), with the intake capacity of 16 students, as per the Govt. Resolution No.AGU 1987/CR-188/20A, dated 18 January 1989 from Maharashtra State (Agricultural & Cooperative Department) in the old building of College of Agriculture. From the year 1996 student intake capacity was increased from 16 to 32 students. From the year 2010 the intake capacity of the students is increased to 37+ ICAR nominees. The college was shifted in the year 2000 in a newly constructed separate building. The separate DDO powers and administrative control was given to the Professor & Officer In charge, College of Horticulture, Parbhani from 2005. The college was accredited twice i.e during 2008-09 to 2012-13 and during 2018-19 to 2022-23. The syllabus of Vth Dean Committee came into existence from academic year 2017-18 to impart B.Sc. (Hons.) Hort. degree programme. The Student READY programme and Experiential Learning Programme was included in VIIth and VIIIth semester since 2020-21. From the academic year 2022-23 the intake capacity of the students was increased to 60 + ICAR nominees.

During last 31 years twenty six batches have graduated from this college and most of graduates got employment in different seed companies, Bank and Govt. organizations. Till date 723 students have completed B.Sc. (Hort.) degree programme.

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

6.4.1.1.2. Objectives

➤ **Mandate of the Institution**

The institute is working with three mandates viz. education, research and extension. The institute imparts quality education and conducts applied research and transfers the technologies of horticulture science to the farmers and students.

➤ **Mission Statement**

To impart professional knowledge and skills to the students to empower them for self - employment

➤ **Goals**

To meet the needs of farmers, industry, R and D organization and educational institutions.

- To develop capabilities to face the challenge and overall to excel students in their profession.
- Continuing education to impart for horticulture on socio-economic systems in the light of global technological changes.

➤ **Current mission. goals and objectives**

- To educate graduates in the field of horticulture so as to prepare them for careers in the horticulture science in which they will become leaders in industry and the profession.
- To upgrade the laboratories and infrastructure facilities for providing quality education.
- To conduct need based quality research by applying horticulture principles to solve problems of horticulture and agricultural system and also making sincere efforts to transfer the technologies for empowerment of students and farmers.

➤ **Objectives**

- To impart knowledge and skills to students.
- To impart education, and entrepreneurial skills to increase fruits, vegetables and floricultural production and also value addition through processing of produce by reducing post-harvest losses.

➤ **Future goals and objectives**

- To update the faculty by exposing them to higher studies.
- To upgrade the laboratories of the Institute
- To establish Institute –Industry linkage.

6.4.1.1.3. Accomplishments

1. At present the College of Horticulture is running B.Sc. (Hons.) Hort degree programme which includes courses in Fruit Science, Vegetable Science, and Floriculture and Landscape Gardening and Post-harvest Technology. Soil Science and Agricultural Chemistry, Agronomy, Agricultural Engineering, Plant Pathology, Microbiology, Entomology, Agricultural Botany, Economics, Extension along with ELP modules are also included.

2. The college has well-established laboratories of Post-Harvest Technology, Vegetable Science, Fruit Science and Plant Pathology. A well-equipped computer laboratory is also established with software facilities and fax machine. A reading room has been created in College building with sufficient number of books. Common examinations are conducted in a spacious examination hall equipped with AC and closed circuit camera. Two digital classrooms are also developed recently. For major functions a well-equipped hall with Audio-video facilities has been developed. A separate Boys hostel and Girls hostel building with accommodation capacity of 80 and 120 students is made available.

3. A Experiential learning - unit for hands on training on Protected cultivation of high value crops" has been sanctioned to this college by ICAR, New Delhi in the year 2006-07 amounting to Rs.70.00 lakhs. It is useful for the practicals of students and farmers training.

4. The college has other important facilities like playground, Gymkhana, National Service Scheme unit, Training and Placement Units etc. The different scholarships like GOI, Freedom fighter, National merit, Merit, ICAR, NTS, Panjabrao Deshmukh, Students Insurance etc. are made available to the students. Different types of extension education activities such as farmers rallies, field visits, radio talks, training programmes, workshops are attended by the staff members of this college in order to meet the goal of extension activities.

1. Teaching

Table 1 : Details of passed out students from 2018-19 to 2022-23

Year	No of students appeared	No of students passed	% of passed students	First Class With Distinction		First Class		Second Class		Total	
				M	F	M	F	M	F	M	F
2018-19	26	26	100	2	3	10	4	4	3	16	10
2019-20	25	25	100	2	2	11	3	3	4	16	9
2020-21	20	20	100	2	1	4	5	4	4	10	10
2021-22	64	64	100	5	5	20	15	10	9	35	29
2022-23	66	Result awaited									

Table 2 : Details of scholarships /fellowships (DBT Cashless) received by students

Academic Year	SC		ST		VJNT		OBC		EBC	Punjabrao	NTS	Central Sector	SEBC
	GOI	Freeship	GOI	Freeship	GOI	Freeship	GOI	Freeship					
2018-19	15	02	05	01	12	02	00	02	20	37	00	00	00
2019-20	15	02	03	02	08	02	06	01	27	00	06	02	00
2020-21	15	02	06	01	13	02	08	01	28	00	08	02	01
2021-22	18	03	10	04	16	01	10	00	27	40	10	02	01

1. Research : and Extension activities

The faculty members of this college is actively engaged in carrying out applied and basic research related to different aspects of the horticultural technology since its inception. Proposals for research projects are prepared by staff members and submitted to ICAR, State government and other funding agencies for approval. Crop cafeteria is established in both *Kharif* and *Rabi* season. The senior faculty members are involved in PG programme in their respective department at College of Agriculture, Parbhani.

1. Number of Research papers published :- 48
2. Popular articles published :- 13
3. Participation in seminar, symposium, school:- 22
4. Radio/TV talks delivered :- 05
5. Number of M.Sc./Ph.D Students guided :- 35
6. Number of books published :- 04
7. Chapters contributed in books :- 03
8. Number of practical manual prepared :-11
9. Number of varieties developed :- 01
10. Number of research/technology recommendations :- 09

6.4.2 Faculty strength

Table 3 : Faculty strength of college

Sr. No.	Sanctioned faculty	Sanctioned post	Filled	Vacant	Faculty requirement as per ICAR norms	Deviation	Deviation (%)
2018-2019							
1	Professor	01	01	-	05	04	80
2	Associate Professor	01	01	-	07	06	85.71
3	Assistant Professor	06	04	02	21	17	80.95
2019-2020							
1	Professor	01	01	-	05	04	80
2	Associate Professor	01	02	-	07	05	71.42
3	Assistant Professor	06	02	04	21	19	90.47

2020-2021							
1	Professor	01	01	-	05	04	80
2	Associate Professor	01	01	-	07	06	85.71
3	Assistant Professor	06	03	03	21	18	85.71
2021-2022							
1	Professor	01	01	-	05	04	80
2	Associate Professor	01	01	-	07	06	85.71
3	Assistant Professor	06	03	03	21	18	85.71
2022-2023							
1	Professor	01	01	-	05	04	80
2	Associate Professor	01	02	-	07	05	71.42
3	Assistant Professor	06	03	03	21	18	85.71

Table 4 : Present profile position of teaching staff in college

Sr. No.	Name of Faculty	Designation	Discipline	Qualification
1	Dr.M.B. Patil	Professor	Horticulture	M.Sc.(Agril.),Ph.D.(Horti.)
2	Dr.G.P.Jagtap	Associate Professor	PlantPathology	M.Sc. (Agril.), Ph.D. Plant Pathology
3	Dr.B.M. Kalalbandi	Associate Professor	Horticulture	M.Sc.(Agil.),Ph.D. (Horti.)
4	Dr.V.V. Bhagat	Assistant Professor	Horticulture	M.Sc.(Agil.),Ph.D. (Horti.)
5	Dr.A.S. Lohakare	Assistant Professor	Horticulture	M.Sc.(Agil.),Ph.D. (Horti.)
6	Dr. S.R.Wankhede	Assistant Professor	Horticulture	M.Sc.(Agil.),Ph.D. (Horti.)

Present profile is meant to teach horticultural and plant pathology courses and is insufficient to meet academic requirement of the college. However, additional help is sought for teaching courses related to Soil science, Botany, Economics, Agril. Engineering, Agronomy, Agril. Meteorology etc. from College of Agriculture, VNMKV, Parbhani (As horticulture college is a sanctioned scheme under College of Agriculture, Parbhani) faculties from Director of Research to run the degree programme and four Teaching Associates appointed in the college.

***Other faculty**

Table 5: Other faculty profile (Departmentwise) who taught various courses during last five years in UG teaching

Table 5 (A) Research Staff Involved in UG Teaching

S.No	Name of employees	Designation	Qualification	Academic year
1	Dr. P. B. Kedar	Assistant Professor	M.Sc.(Entomology), Ph.D. (Entomology)	2018-19 to 2019-20
2	Dr. G. D. Gadade	Assistant Professor	M.Sc.(Agronomy), Ph.D. (Agronomy)	2018-19 to 2019-20
3	Dr. C. B. Adsul	Assistant Professor	M.Sc.(Entomology), Ph.D. (Entomology)	2019-20 to 2020-21
4	Dr. Mohd. Ilyas	Assistant Professor	M.Sc.(Entomology), Ph.D. (Entomology)	2021-22
4	Dr. R. S. Jadhav	Assistant Professor	M.Sc.(Entomology), Ph.D. (Entomology)	2020-21
5	Dr. V. M. Gholve	Assistant Professor	M.Sc.(Plant. Pathology), Ph.D. (Plant Pathology)	2021-22
6	Dr. S. G. Puri	Assistant Professor	M.Sc.(Extension Education), Ph.D.(Extension Education),	2018-19 2019-20

*Research staff is involved in UG teaching.

Table 5 (B) Outsourcing from Other Constituent Colleges of VNMKV

S.No	Course No	Sem	Name	Department
2018-19				
1	H/BOT-111 H/BOT-112	I	Dr. D. H. Sarang	Dept. of Agril. Botany, COA, VNMKV, Parbhani
2	BIOT-231	III	Dr. Borgaonkar Sir	
3	H/ENGG-351	V	Dr. R. G. Bhagyawant	Dept. of Agri. Engg. COA, VNMKV, Parbhani
4	RHWE	VII	Dr. Jayshri Ekale	Dept. of Extension Education, COA, VNMKV, Parbhani
2019-20				
1	H/BOT-111 B/BOT-112	I	Dr. A. B. Jadhav	Dept. of Agril. Botany, COA, VNMKV, Parbhani
2	H/AGROMET -111	I	Dr. M. G. Jadhav	Dept. Of Agro. Metrology COA, VNMKV, Parbhani
3	H/SSAC-111	I	Dr. S. T. Shirale	Dept. of SSAC, COA, VNMKV, Parbhani
4	H/BIOCHEM-111	I	Dr. A. L. Dhamak	
5	RHWE	VII	Dr. Jayshri Ekale	Dept. of Extension Education, COA, VNMKV, Parbhani
2020-21				
1	H/AGROMET -111	I	Dr. M. G. Jadhav	Dept. Of Agro. Metrology COA, VNMKV, Parbhani

2	H/BIOCHEM-111	I	Dr. S. V. Chikse	Dept. of SSAC, COA, VNMKV, Parbhani
3	H/SSAC-111	I	Dr. S. T. Shirale	
4	H/BOT-111 B/BOT-112	I	Dr. A. B. Jadhav	Dept. of Agril. Botany, COA, VNMKV, Parbhani
5	H/PHEY-111	II	Dr S. U. Chavhan	DSW Office, VNMKV, Pabhani
6	BIOT-231	III	Dr. A. B. Jadhav	Dept. of Agril. Botany, COA, VNMKV, Parbhani
7	H/EXTN-231	III	Dr. P. S. Kapse	Dept. of Extension Education, COA, VNMKV, Parbhani
8	H/ENTO-354	V	Dr. S S. Dhurgude	Dept. of Agil. Entomology COA, VNMKV, Parbhani
9	H/AGRO-351	V	Dr. R. S. Raut	Dept. of Agronomy COA, VNMKV, Parbhani
10	BOT-354	V	Dr. A. B. Jadhav	Dept. of Agril. Botany, COA, VNMKV, Parbhani
11	H/EXTN-352	V	Dr. S. R. Jakkawad	Dept. of Extension Education, COA, VNMKV, Parbhani
12	H/ENGG-351	V	Dr. R. G. Bhagyawant	Dept. of Agri. Engg. COA, VNMKV, Parbhani
13	H/AHDS-241	IV	Dr. Deshmukh Sir	Dept. of AHDS, COA, VNMKV, Parbhani
14	RHWE	VII	Dr. Jayshri Ekale	Dept. of Extension Education, COA, VNMKV, Parbhani
2021-22				
1	DEG-111	I	Dr. R. C. Sawant	Dept. of Extension Education, COA, VNMKV, Parbhani
2	H/SSAC-111	I	Dr. S. T. Shirale	Dept. of SSAC, COA, VNMKV, Parbhani
3	H/BIOCHEM-111	I	Dr. S. V. Chikse	Dept. of SSAC, COA, VNMKV, Parbhani
4	H/ENTO-121	II	Dr. S S. Dhurgude	Dept. of Agil. Entomology COA, VNMKV, Parbhani
5	H/PHEY-111	II	Dr S. U. Chavhane	DSW Office, VNMKV, Pabhani
6	H/EXTN-231	III	Dr. M. I. Khalge	Dept. of Extension Education, COA, VNMKV, Parbhani
7	BIOT-231	III	Dr. A. B. Jadhav	Dept. of Agril. Botany, COA, VNMKV, Parbhani
8	H/AHDS-241	IV	Dr S. G. Narwade	Dept. of AHDS, COA, Parbhani
9	H/ENTO-352	V	Dr. D. D. Patait	Dept. of Agil. Entomology COA, VNMKV, Parbhani
10	H/AGRO-351	V	Dr. R. S. Raut	Dept. of Agronomy COA, VNMKV, Parbhani
11	H/EXTN-352	V	Dr. M. V. Bhise	Dept. of Extension Education, COA, VNMKV, Parbhani
12	H/ENGG-351	V	Dr. R. G. Bhagyawant	Dept. of Agri. Engg. COA, VNMKV, Parbhani
13	RHWE	VII	Dr. Jayshri Ekale	Dept. of Extension Education, COA, VNMKV, Parbhani

2022-23				
1	DEG-111	I	Dr. V. S. Manvar	Dept. of Extension Education, CCS, VNMKV, Parbhani
2	H/AHDS-241	IV	Dr S. S. Shinde	Dept. of AHDS, COA, VNMKV, Parbhani
3	H/SSAC-111	I	Dr. S. T. Shirale	Dept. of SSAC, COA, VNMKV, Parbhani
4	H/BIOCHEM-111	I	Dr. P. H. Gourkhede	Dept. of SSAC, COA, VNMKV, Parbhani
5	H/EXTN-231	III	Dr. V. S. Manvar	Department of Extension Education, CCS, VNMKV, Parbhani
6	H/EXTN-352	V	Dr. V. S. Manvar	Dept. of Extension Education, CCS, VNMKV, Parbhani
7	RHWE	VII	Dr. V. S. Manvar	Dept. of Extension Education, CCS, VNMKV, Parbhani
8	H/ENGG-351	V	Dr. D. D. Tekale	Dept. of Agri. Engg. COA, VNMKV, Parbhani
9	H/PHEY-111	II	Dr S. U. Chavhane	DSW Office, VNMKV, Pabhani
10	H/ENTO-365	VI	Dr. S S. Dhurgude	Dept. of Agil. Entomology COA, VNMKV, Parbhani

Table 5 (C) Contractual Staff Employed for Completion of Curricula

(a) Assistant Professor (Ad hoc)

S.No	Name of employees	Designation	UG Teaching
1	Dr. S. B. Pavhane	Assistant Professor (Ad hoc)	M.Sc.(Horticulture), Ph.D. (Horticulture), NET
2	Dr. A. A. Chavhan	Assistant Professor (Ad hoc)	M.Sc.(Plant Pathology), Ph.D. (Plant Pathology) NET
3	Dr. P. S. Deshmukh	Assistant Professor (Ad hoc)	M.Sc.(Economics), Ph.D. (Economics)
4	Dr. S. D. Bangar	Assistant Professor (Ad hoc)	M.Sc.(Agil. Botany), Ph.D. (Agril. Botany) NET
5	Dr. S. Y. Dhale	Assistant Professor (Ad hoc)	M.Sc.(Agronomy), Ph.D. (Agronomy) NET
6	Dr. R. P. Rathod	Assistant Professor (Ad hoc)	M.Sc.(Economics), Ph.D. (Economics)
7	Dr. S. G.Khandagale	Assistant Professor (Ad hoc)	M.Sc.(Agil. Botany), Ph.D. (Agril. Botany) NET
8	Prof. J. D. Kalambe	Assistant Professor (Ad hoc)	M.Sc.(Agronomy), NET

(b) Contractual staff

S.No.	Year	Name	Credentials	Subject
1	2018-19	Ganesh Shekde	M. Sc. (Math)	Math
2	2018-19	Dr. S. G. Ingle	M.Sc. (Agril. Economics) Ph.D.(Agril. Economics)	Economics and STAT
3	2019-20	Ganesh Shekde	M. Sc. (Math)	Math
4	2019-20	Dr. S. G. Ingle	M.Sc. (Agril. Economics) Ph.D.(Agril. Economics)	Economics
5	2019-20	Prof. P. V. Karhale	M. Sc. (STAT)	Statistics
6	2020-21	Dr. S. G. Ingle	M.Sc. (Agril. Economics) Ph.D.(Agril. Economics)	Economics
7	2020-21	Prof. P. V. Karhale	M. Sc. (STAT)	Statistics
8	2020-21	Dr. P. S. Nikam	M.Sc.(Plant Pathology), Ph.D. (Plant Pathology) NET	Plant Pathology
9	2020-21	Dr. A. A. Chavan	M.Sc.(Plant Pathology), Ph.D. (Plant Pathology) NET	Plant Pathology
10	2021-22	Dr. A. A. Chavan	M.Sc.(Plant Pathology), Ph.D. (Plant Pathology) NET	Plant Pathology
11	2021-22	Dr. P. S. Nikam	M.Sc.(Plant Pathology), Ph.D. (Plant Pathology) NET	Plant Pathology
12	2021-22	Dr. S. G. Ingle	M.Sc. (Agril. Economics) Ph.D.(Agril. Economics)	Economics

6.4.3 Technical and Supporting staff

Table 6 : Technical and Supporting staff at the college

Sr. No.	Non-teaching staff	Sanctioned staff at COH Parbhani	Filled position	Vacant position	Required As per ICAR norms	Deviation in the staff position
a)	Assistant Registrar/Administrative Officer	0	-	-	01	01
b)	Superintendent (Administration)	01	01	0	01	00
c)	Assistant Comptroller	0	-	-	01	01
d)	Assistant Engineer (Civil)	0	-	-	01	01
e)	Assistant Medical Officer	0	-	-	01	01
f)	Junior Engineer (Electrical)	0	-	-	01	01
g)	Lab Technician	0	-	-	01	01
h)	Library Assistant	0	-	-	02	02

i)	Lab Assistant	0	-	-	08	08
j)	Field assistant	0	-	-	08	08
k)	Shelf assistant	0	-	-	02	02
l)	Assistant-cum-Computer Operator	0	-	-	06	06
m)	Driver	01	00	0	06	06
n)	Tractor Driver	0	-	-	02	02
o)	Cook	0	-	-	04	04
p)	Care taker	0	-	-	03	03
q)	Plumber	0	-	-	01	01
r)	Electrician	0	-	-	01	01
s)	Bus helper	0	-	-	02	02
t)	Sports helper	0	-	-	02	02
u)	Gardener	0	-	-	06	06
v)	Janitor	0	-	-	02	02
w)	Office Attendant	0	-	-	06	06
x)	Watchman	0	-	-	06	06
y)	Nurse (Female + Male)	0	-	-	02	02
	Total	02	02	0	76	74

6.4.4 Class room and Laboratories

1. Classroom

Table 7: Classroom and laboratories available in the college

Sr. No.	Classroom No.	Space	Capacity	No. of theory batches	Justify if it sufficient to the met required
1	02	456 Sq.ft.	48	01 for each semester	It meets to the requirement of students intake
2		456 Sq.ft.	48	01 for each semester	It meets to the requirement of students intake
3	02	900 Sq.ft.	80	01 for each semester	It meets to the requirement of students intake

2. Laboratories

Sr. No.	Laboratory	Space	Capacity	List of major equipment	No. of practical batches	Justify if it is sufficient to the meet required
1	Fruit Science laboratory	516 sq.ft.	40	1. Garden tools. 2. Nursery tools. 3. Plant protection equipments. 4. Breeding kits 5. Crop Cafeteria	02	Needs to be strengthened as per V th Deans committee
2	Vegetable Science laboratory	516 sq.ft.	40	1. Garden tools. 2. Nursery tools. 3. Plant protection equipments. 4. Breeding kits 5. Seed sample of vegetables, spices and condiments	02	Needs to be strengthened as per V th Deans committee
3	Floriculture and Landscape laboratory	516 sq.ft.	40	1. Garden tools. 2. Nursery tools. 3. Plant protection equipments. 4. Breeding kits 5. Seed sample of flower crops 6. Crop Cafeteria	02	Needs to be strengthened as per V th Deans committee
4	PHT cum processing laboratory	462.52 sq.ft.	40	1. Spectrophotometer 2. pH meter 3. EC meter 4. Hand refractometers 5. Titration unit 6. Distillation unit 7. Ovens 8. Deep freezers 9. Tray drier 10. Vernier Calliper 11. Utensils for processing units 12. Glass wares and chemicals	02	Needs to be strengthened as per V th Deans committee
5	ELP	2000 sq.ft.	60	1. Cold storage 2. Fertigation units 3. Grading 4. Packing 5. Dethorning machine 5. Polyhouses 6. Shade units 7. Fertigation units	01	Needs to be strengthened on commercial scale

6	Plant Pathology	516 sq.ft.	40	1.Laminar air flow 2.Incubator 3.Ovens 4.Centrifuge machine	02	Needs to be strengthened as per V th Deans committee
7	Computer Cell	516 sq.ft.	40	Computers with internet facility	02	strengthened as per V th Deans committee

Note : College of Agriculture, Parbhani spares laboratories Dept. of Agronomy, Soil Science and Agril. Chemistry, Botany, Agril.Engineering, Entomology, Extension, Economics etc.To conduct related courses of B.Sc. (Hort.) since establishment of Horticultural College.

3. Farm facilities

Sr. No.	Area	Farm facilities
1	42 ha	A) Orchards of – 1. Mango (3 varieties) 2. Sapota (4 varieties) 3.Sweet orange (8 varieties) 4.Tamrind 5.Guava B) Vegetable crop cafeteria C) Flower crop cafeteria D) Ornamental crops E) Medicinal crops cafeteria F) Forest trees G) Drip Irrigation H) Shade net (1008 Sq.m) I) Naturally ventilated polyhouses (504 &1008 Sq.m) J) Mini tractor

4. Workshop/Other instructional unit if any give details. Nil

5. Theory and practical batches for the degree programme – One theory batch and Two practical batch are made in degree programme for each semester

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	1	3

6.4.5 Conduct of practical and hands on training:

As per the course lesson plan students practicals are conducted in a ways that allotted students to get as involved as possible to increase their knowledge and ability and skilled

them that can only be learn through hands on practice. Practicals were conducted as per course of lesson plan in accordance with Dean's committee.

Students are practically trained in essential crop production technique along with PHM in horticulture, seed production and testing and to study vital metabolic activity of plant in Agril. Botany, soil water and plant analysis technique in soil science and agricultural chemistry, insect studies with their nature of damage and control measures in entomology, disease causing organism studies, nature of damage and control measure in plant pathology, basic and applied innovative agricultural extension technologies in extension education, horticultural credit system and minimum support price studies in agricultural economics.

There is an interdisciplinary approach in teaching undergraduate courses, when students undergo RHWE and ELP programme in their VII and VIII semester. A team of specialists in horticultural, Soil scientists, Pathologist, Entomologist, Horticulturist, Agril. Engineering and Economist remains collectively in touch with the students. They meet once in a week and have discussion by guiding them and solving their problems in the particular subject or field. Thus there is a collective and integrated inter disciplinary approach in teaching. The RHWE and ELP programme is implemented with following objectives;

1. To build up students' techno managerial and entrepreneurship skills.
2. To develop business and marketing skill.
3. To make student get acquainted with socio-economic conditions and problems of farmers with reference to horticulture.
4. To provide an opportunity to the students for practical training and making their own observations.

The 50% profit obtained through the sale of horticulture produce / product is distributed among the students and 50% profit is retained in institute

Table 8 : Statement showing number of students year wise undergone student READY and ELP

Sr. No.	Degree course	Practical and Hand out training				
		2018-19	2019-20	2020-21	2021-22	2022-23
1	UG	40	44	40	42	66
2	RAWE	-	-	13 (Home RHWE)	55 (Home RHWE)	44
3	ELP	26	25	13	55	44

6.4.6 Supervision of students in PG/Ph.D. degree programmes:

Not applicable.

However, the faculties are engaged in teaching and research guidance of PG/Ph.D degree students. The details are given below highlighting their activities in additions.

Table 9 : Intake capacity and No. of qualified faculty for UG,PG and Ph.D

Sr. No.	Year	Intake capacity of College		No. of qualified faculty
1	2018-19	B.Sc. (Hort.)	37+ICAR	06
2		M.Sc. (Agri.)	Not applicable	05
3		Ph.D. (Agri.)	Not applicable	01
1	2019-20	B.Sc. (Hort.)	37+ICAR	05
2		M.Sc. (Agri.)	Not applicable	04
3		Ph.D. (Agri.)	Not applicable	01
1	2020-21	B.Sc. (Hort.)	37+ICAR	05
2		M.Sc. (Agri.)	Not applicable	04
3		Ph.D. (Agri.)	Not applicable	02
1	2021-22	B.Sc. (Hort.)	37+ICAR	05
2		M.Sc. (Agri.)	Not applicable	05
3		Ph.D. (Agri.)	Not applicable	02
1	2022-23	B.Sc. (Hort.)	60+ICAR	06
2		M.Sc. (Agri.)	Not applicable	06
3		Ph.D. (Agri.)	Not applicable	02

Table 10 : Annually Updated Faculty Profile reflecting the positions

S.No	Name of employees	Designation	Qualification
2018-19			
1	Dr. T.B. Tambe	Professor & Officer Incharge	Ph.D. (Agri.)Horticulture
2	Shri.S.P. Solanke	Assistant Professor	M.Sc. (Agri.)Horticulture
3	Dr.V.V. Bhagat	Assistant Professor	Ph.D. (Agri.)Horticulture
4	Dr.B.M. Kalalbandi	Assistant Professor	M.Sc. (Agri.)Horticulture
5	Prof.A.S. Lohakare	Assistant Professor	M.Sc. (Agri.)Horticulture
2019-20			
1	Dr. T.B. Tambe	Professor & Officer Incharge	Ph.D. (Agri.)Horticulture
2	Dr.M.S.Dadke	Associate Professor	Ph.D. (Agri.) Pathology
3	Dr.B.M. Kalalbandi	Associate Professor	Ph.D. (Agri.)Horticulture
4	Dr.V.V. Bhagat	Assistant Professor	Ph.D. (Agri.)Horticulture
5	Shri.A.S. Lohakare	Assistant Professor	M.Sc. (Agri.)Horticulture
2020-21			
1	Dr. T.B. Tambe	Professor & Officer Incharge	Ph.D. (Agri.)Horticulture
2	Dr.S.L.Badgujar	Associate Professor	Ph.D. (Agri.) Pathology
3	Dr.V.V. Bhagat	Assistant Professor	Ph.D. (Agri.)Horticulture
4	Shri.A.S. Lohakare	Assistant Professor	M.Sc. (Agri.)Horticulture
5	Dr. S.R.Wankhede	Assistant Professor	Ph.D. (Agri.)Horticulture

2021-22			
1	Dr. T.B. Tambe	Professor & Officer Incharge	Ph.D. (Agri.)Horticulture
2	Dr.S.L.Badgujar	Associate Professor	Ph.D. (Agri.) Pathology
3	Dr.V.V. Bhagat	Assistant Professor	Ph.D. (Agri.)Horticulture
4	Shri.A.S. Lohakare	Assistant Professor	M.Sc. (Agri.)Horticulture
5	Dr. S.R.Wankhede	Assistant Professor	Ph.D. (Agri.)Horticulture
2022-23			
1	Dr. G.M.Waghmare	Professor & Officer Incharge	Ph.D. (Agri.)Horticulture
2	Dr.G.P.Jagtap	Associate Professor	Ph.D. (Agri.) Pathology
3	Dr.B.M. Kalalbandi	Associate Professor	Ph.D. (Agri.)Horticulture
4	Dr.V.V. Bhagat	Assistant Professor	Ph.D. (Agri.)Horticulture
5	Dr.A.S. Lohakare	Assistant Professor	Ph.D. (Agri.)Horticulture
6	Dr. S.R.Wankhede	Assistant Professor	Ph.D. (Agri.)Horticulture

6.4.7 Feedback of stakeholders

Table 11 : Feedback of students, parents, industries, employers, farmers etc

Sr. No.	Type of stakeholders	Feedback mechanism	Action Taken Adhering to
1	Students	Complaint box, Counsellor,Discussions	Need based Rules and regulations
2	Parents	Counsellor, Telephonic contacts	Rules and regulations
3	Employers	Self-assessment reports	Confidential reports are written by Officer Incharge
4	Industries	BOS,AGRESKO, ZREAC	Experiments are allotted to M.Sc.and Ph.D students.
5	Farmers	BOS,AGRESKO, ZREAC, Monthly Workshop	AGRESKO experiments are conducted on instructional farm of collegeand till three (03) recommendations released in AGRESKO.

Some records of feedback during last five year

Sr. No.	Name	Mechanism of feedback collection	Date	Concern	Action taken
1	Miss Garud. P.R	Discussion	07/02/2020	Shortage of water supply to D R Girls hostel	Seperate water supply pipes laid to ensure constant water supply
2	Participating students	Letter	17/03/2020	Sports material for Intercollegiate competitions	Purchased and supplied
3	Bhagwanrao Rasal (Parent of Deepak)	Letter	16/08/2021	Education imparted during stay of four years	Need of parents are noted

4	Dhakare A.P	Discussion	23/09/2021	Plantations of new ornamental plants in garden	Purchased and planted
5	DR Hostel girls	Discussion	14/01/2022	Renovation of furniture in hostel room	Renovated
6	Faculties	Meeting	24/01/2022	Teaching aids	K-yan purchased
7	Bhusare S F	Discussion	1/02/2022	Repairing of existing RO system in college	AMC of RO
8	Faculties	Monthly meeting	21/03/2022	Renovation of Floriculture Labrotary	Renovated
9	Placement cell and Students	Discussion	28/03/2022	Online counseling sessions for competitive exams	Damso digital solutions yearly subscrionn for coaching
10	Library Incharge	Monthly meeting	29/03/2023	Purchase of new books in library	Purchased
11	AGROTECH AgoProdcer Company, Latur	Company letter	26/08/2022	Knowledge of students placed for industrial training	Need of seed industry for Implant training are noted
12	Ellora Seeds, Aurangabd	Company letter	31/12/2022	Knowledge of students placed for industrial training	Need of seed industry for Implant training are noted
13	Farmers Feeback	Visitors Book	-	Enquiry regarding horticulture	Needs are noted for research planning of the region

Documentry proofs of feedbacks are enclosed in Annexure (PP 72-76) as specimen copies detail file will be shared during visits.

6.4.8 Students intake attrition in the programme for last five years

Table 12 : Students intake attrition in the programme for last five years

Year	Total students capacity	Students admitted	Attrition No	Attrition (%)	Remarsk
18-19	37+ICAR	40	01	2.5	Students were admitted in medical sciences
19-20	37+ICAR	44	02	4.54	
20-21	37+ICAR	40	03	7.5	
21-22	37+ICAR	42	02	4.76	
22-23	60+ICAR	66	-	0.0	

6.4.9 ICT Application in Curricula Delivery:

6.4.9.1. Availability of Computers and Access to Internet

The University library has computers and access to internet for browsing varied sites, downloading information and for using e-resources.

6.4.9.2. Audio-Visual and Multimedia Support

The College has a well-established Computer Lab. The classrooms are equipped with LCD projectors. The college staff provides facilities required by the students for presentation of class reports and seminars.

The list of smart class rooms tools are as follows:

- | | |
|----------------------------|---------------------------------|
| 1. Desktop and Laptop | 2. Document Camera/Visualize |
| 3. Interactive White Board | 4. Interactive Projector- Kayon |
| 5. Simple-Projector | 6. Digital Camera |
| 7. Multimedia Pens/Stylus | 8. Wireless Microphone |
| 9. Speakers | 10. Printer |

6.4.9.3. University Library and Usages

The academic staffs, students of under graduation and Post-graduation utilize the library for collecting study material and references through the e-journals, encyclopaedias, e-consortium and other e-resources. The text books/ reference books are issued to the students on demand.

Library Hours:

The University Library provides extended hours of reading room facility to it's stake holders even on Sunday and public holidays.

Reading Room:

Monday to Saturday : 07:00 am to 11:00 pm

Sunday and other Public Holidays: 08:00 am to 05:00 pm

- | | |
|--------------------------------|-------|
| ➤ Print Books | 88999 |
| ➤ Print Journals | 240 |
| ➤ Bound Volumes of Periodicals | 27077 |
| ➤ Thesis and Dissertations | 9969 |
| ➤ E-Journals | 6159 |
| ➤ Subscribed e books | 1174 |
| ➤ Digitalized Thesis | 4631 |

6.4.9.4. Any other Unique Instructional Material / Technique Adopted

Use of horticulture e-course (<http://ecourses.iasri.res.in/>), e-resources through sharing of audio video lectures and Power Point presentations for effective teaching learning process.

Adoption of ICAR Norms for Library and other Learning Resources, and Deviations ICAR Norms are adapted.

6.4.10 The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and Ph.D degree programmes separately and to be presented collegewise- Attained.

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

6.4.12 Certificate

I, Dr. V. S. Khandare, Associate Dean & Principal, College of Horticulture, VNMKV, Parbhani hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the College.



**Associate Dean & Principal
College of Horticulture,
VNMKV, Parbhani**



6.5 Self Study Report for the College

6.5.1 College Administration:

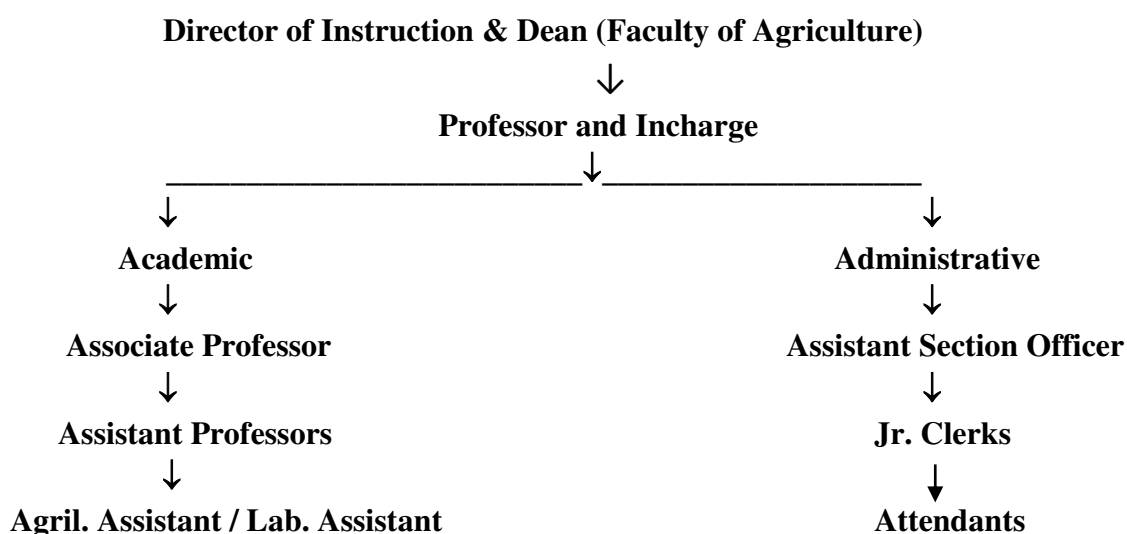
➤ Authorization

Professor and Incharge of the College is authorized to guide and monitor the working of the College.

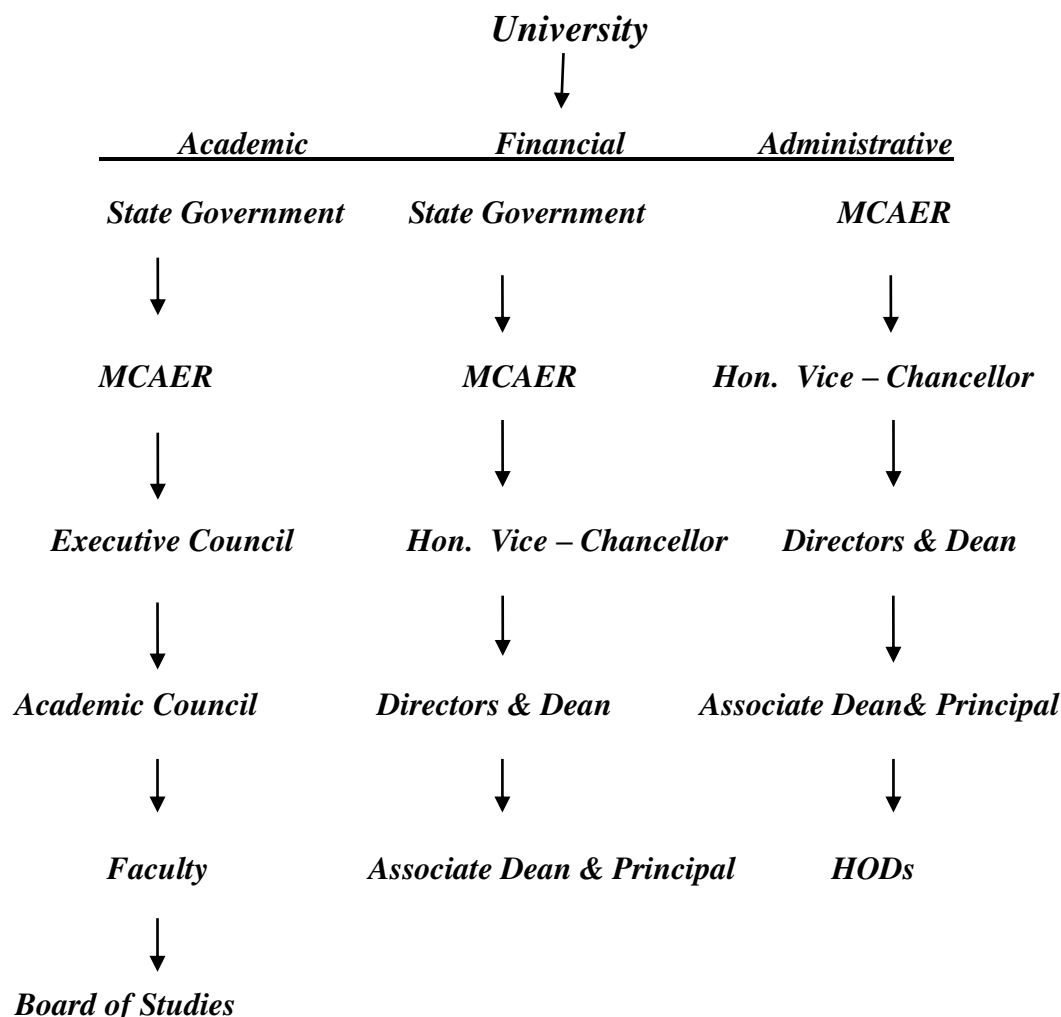
➤ Authorities, and their composition, powers and responsibilities

The Faculty follows the Maharashtra Agricultural Universities (Krishi Vidyapeeth) Statute (1990) MAU (First Amendment (2014)).

➤ Organizational Structure at college level



- Flow chart showing the decision making process on various aspects of the University functioning



6.5.1.1 College Dean’s Office Establishment:

College has sanctioned post of Dean as per ICAR model act/UGC guidelines. As College is sanctioned as scheme run under college of Agriculture, VNMKV, Parbhani and presently the College is headed by Professor of Horticulture as its Incharge having separate DDO powers.

2. **Date of selection of present Dean :-**30.05.2023

3. **Mode of selection:** Incharge

4. **Tenure:** Not applicable

5. Staff in Dean's secretariat: No separate staffs are provided for as Dean's secretariat from college.

6. Infrastructure/facilities available in the Dean's Secretariat:

Table 13 : Infrastructure/facilities available in the Dean's Secretariat

Sr. No.	Particulars	Availability		
		No. of unit	Plinth Area (Sq.m)	Capacity is adequate
1.	Administrative offices	01	1000	Yes

Physical facilities like seating arrangement for visitors, staff members, separate computer with internet facilities, landline telephone, inverters, A/c are provided.

6.5.1.2 Monitoring Mechanism for Quality Education (Online):

The College is having an internal quality assurance system with appropriate structure and processes and with enough flexibility to meet the diverse stake holders. DICCC established at state level takes adequate measures to ensure the effective development of the curricula by considering inputs from various sources (ICAR). The faculties are encouraged to contribute to the curricula development and their contribution to curricula development is given due weightage.

➤ Faculty Contribution

- The teaching staff members have prepared practical manuals for the courses of B.Sc. (Hons) Hort. degree programme.
- Prepared Educational AV aids, Training Manuals, Educational Video Films etc. for quality educators.

Recognition and Award Systems

Officers : 1) University level Best Teacher Award

2) Radhakrishana Shanti Malhotra Award for Best Researchers

Other Staff: University level Appreciation Certificates for the extraordinary contribution of the staff.

The degree programmes offered by the college to students is monitored for excelling in academics, research and extracurricular activities is done by giving assignment work, seminars, presentation of outline of research work and project seminars. A student advisory is provided to each batch of the student in the first semester of the programme. The students

were given the list of faculties who will be teaching the students. This advisor and course teacher guide the student and monitor their performance regularly. Student advisor hold meetings to monitor and guide the students. Further all the students daily interact with their faculties in their subjects. All the students are given opportunity to work in well-equipped labs in the division which are regularly modernized based on the requirement of curriculum and advancement in research methodology. Study tours, field trips and assignments are part of most courses. Experts in specialized field of research are invited to deliver special lectures to update the students on current trends in the research and development.

➤ **Ensuring quality education Faculties are assessed through**

- Monthly meetings are taken by Professor and Incharge regarding delivery of the syllabus.
- Each faculty is assessed through the confidential report by the Controlling Officer every year.
- Getting the feedback from students and alumni at Departmental and College levels. It is collected formally and informally for taking necessary steps. The feedback is used to improve the quality of teaching and learning process.

The impact of monitoring on the outcome of the College can be well judged by following data:

Table 14 : Yearwise topper students since inception

Sr.No	Admission Year	Reg. No.	Name of Student	CGPA	Year of Passing
1	1984	1984HT/04B	Jawale Laxman Narayanrao	3.74	1988
2	1985	1985HT/05B	Jagtap Venkat Sambhajhi	3.67	1989
3	1986	1986HT/17B	Pathan Latif Ibrahim	3.60	1990
4	1987	1987HT/20B	Kaddus Ali Ahmed	3.93	1991
5	1988	1988HT/01B	Aghav Subash Bajirao	3.77	1992
6	1989	1989HT/14B	Laxman N Sharma	3.79	1993
7	1990	1990HT/15B	Pal Sandip Sukumar	8.53	1994
8	1991	1991HT/17B	Ukarande Mahesh Sidramappa	8.00	1995
9	1992	1992HT/13B	Narayanwal Manojkumar Rameswar	8.15	1996
10	1993	1993HT/05B	Dhuppe Mohan Vaijnathrao	8.06	1997
11	1994	1994HT/19B	Vidya Pushkar Subhash	8.15	1998
12	1995	1995HT/12B	Miss Kesang Lalchungapa	8.30	1999
13	1996	1996HT/14B	Miss Meenakshi Sidha	8.23	2000
14	1997	1997HT/30B	Ritesh Raman	8.60	2001
15	1998	1998HT/03B	Brejesh Kumar Shing	8.43	2002
16	1999	1999HT/28B	Amrendra Kumar Verma	8.32	2003

17	2000	2000HT/24B	Miss Shinde Sonali Banshidhar	8.48	2004
18	2001	2001HT/22B	Manojkumar	8.70	2005
19	2002	2002HT/11B	Miss Kanhore Smita Shantaram	8.62	2006
20	2003	2003HT/29B	Surendra Kumar	8.87	2007
21	2004	2004HT/09B	Ekhande Yogesh Raosaheb	8.56	2008
22	2005	2005HT/20B	Pawar Santosh Eknath	8.53	2009
23	2006	2006HT/11B	Miss Jeture Shilpa Suryakant	8.45	2010
24	2007	2007HT/29B	Sheikh Parvej	8.62	2011
25	2008	2008HT/11B	Devendra Kumar	8.61	2012
26	2009	2009HT/14B	Miss Manisha Jha	8.99	2013
27	2010	2010HT/18B	Jaiswal Sawant Bharat	8.66	2014
28	2011	2011HT/38B	Shivendu Pratap Singh Solanke	9.09	2015
29	2012	2012HT/25B	Miss Manika Singh	9.11	2016
30	2013	2013HT/38B	Miss Justy D. V.	8.70	2017
31	2014	2014HT/02B	Miss Anushma P	9.07	2018
32	2015	2015HTPB029	Raut Satish Laxman	8.59	2019
33	2016	2016HTPB0	Miss Jadhav Manisha Shivaji	8.55	2020
34	2017	2017HTPB39	Miss. Syed Adiba Nureen	8.98	2021
35	2018	2018HTPB001	Abhale Shyam Raosaheb	8.99	2022

Table 15 : Yearwise admitted and passed out students since inception

Sr.No	Year	Admitted student	Passed student
1.	1987-1988	22	17
2.	1988-1989	21	09
3.	1989-1990	16	16
4.	1990-1991	18	15
5.	1991-1992	21	18
6.	1992-1993	19	12
7.	1993-1994	22	16
8.	1994-1995	23	20
9.	1995-1996	23	20
10.	1996-1997	33	18
11.	1997-1998	36	15
12.	1998-1999	30	15
13.	1999-2000	29	19
14.	2000-2001	33	24
15.	2001-2002	27	31
16.	2002-2003	34	25
17.	2003-2004	30	18
18.	2004-2005	29	28
19.	2005-2006	29	38
20.	2006-2007	32	22
21.	2007-2008	29	33
22.	2008-2009	29	35
23.	2009-2010	34	31
24.	2010-2011	42	19
25.	2011-2012	42	27

26	2012-2013	41	29
27	2013-2014	40	29
28	2014-2015	41	28
29	2015-2016	39	34
30	2016-2017	41	34
31	2017-2018	40	36
32	2018-2019	40	26
33	2019-2020	44	25
34	2020-2021	40	20
35	2021-2022	42	64
36	2022-2023	66	-
Total No. of students upto 2021-22		1135	894

6.5.1.3 CC/Board of Studies:

College of Horticulture, Parbahni runs only under graduation programme, therefore, board of studies which is meant for post graduate programme is not available at the college. However, the concern subject faculty are the invitee members and present their academic performance of under graduate programme at subject BOS at university departments.

This college has the college council (Table 18) which deliberate on the issues and difficulties in educational programme, examination programme, if any, problems of student and resolve these amicably in the administrative frame work.

Table 16: Structure of College Council Committee

Sr. No.	Position	Name	Position in CC
1.	Associate Dean and Principal	Dr. G.M.Waghmare	President
2.	Education and Exam Incharge	Dr. B.M.Kalalbandi	Member
3.	Vice President Ghymkhanna and Girls Hostel Warden	Dr. V.V. Bhagat	Member
4.	Boys Hostel Warden	Dr. A.S.Lohakare	Member
5.	Estate Officer	Shri.Abhijeet Deshmukh	Member
6.	Fourth year Student	Ingale Chakradhar Anantrao	Member
7.	Fourth year Student	Khadke Priyanka Dinkar	Member
8.	Third year student	Anarase Tejashree Pandharinath	Member
9.	Third year student	Suryawanshi Maroti Munjaji	Member
10.	Second year student	Dhage Sushama Ganeshrao	Member
11.	Second year student	Bhosale Vinyak Ashok	Member
12.	First year student	Adekar Shivani Shivaji	Member
13.	First year student	Chavan Rajesh Eknath	Member
14.	Assistant Section Officer	Shri S.R.Narwade	Secretary

BoS does not exist at College level. However, BoS are regularly conducted by Head, Department of Horticulture, College of Agriculture, VNMKV, Parbhani and faculties of college participate in it, and present the development and in the subjects of degree programme.

6.5.1.4 Anti Ragging Cell :

In pursuance to the Judgement of the Hon. Supreme court of India 2009, an Anti ragging cell is established in the college to curb the menace of ragging in the campus.

Measures taken to curb the menace of ragging in the campus.

1. The anti-ragging posters have been displayed at the prominent places of the college and hostel.
2. An anti-ragging squad has been established in order to prohibit the ragging activities.
3. Vigilance squad has also been established under the chairmanship of Professor and Incharge for monitoring the evidences in college and hostel premises.
4. The undertakings have been taken from each student admitted in the college on stamp paper of Rs.100/-regarding non-involvement in the ragging activity.
5. The newly admitted students are informed about the rules and punishment of ragging during the orientation programme at college.
6. The strict instructions have already been given to the senior students at the time of commencement of the academic session to prohibit the ragging incidences.
7. For creating awareness among the students, anti-ragging instructions being displayed on notice board of college and hostel from time to time.
8. The Principal and other anti-ragging squad members are keeping serious watch to avoid such incidences in college and hostel premises.
9. The names and contact details of anti-ragging committee members has been displayed on university website under students corner vide office letter No.GPE/HT/972/16 on dated 17-3-2016.
10. The admitted students are informed to fill up the ON LINE FORM OF ANTI-RAGGING on the websites www.amanmovement.org OR www.antiragging.in as per the directives of Hon. Supreme Court and UGC/MHRD Regulations and asked to submit hard copy of the same signed by students and their parents to the college office for record.

Following Anti ragging and Vigilance committee were constituted from the year 2018-19 to 2022-23 and also to keep vigilance in the hostel and college campus.

Table 17 : Anti Ragging and Vigilance committee

Academic Year 2018-19 (letter no. GPE/HT/700/18, dt 5.9.2018)			
Sr. No.	Name of member	Designation	Remarks
1	Dr. T.B.Tambe	Professor & Incharge	Chairman
2	Dr.M.S.Dadke	Associate Professor	Member
3	Prof.S.P. Solanke	Asstt. Professor	Member
4	Dr.B.M. Kalalbandi	Asstt. Professor	Member
5	Dr.V.V. Bhagat	Asstt. Professor	Member
6	Prof.A.S. Lohakare	Asstt. Professor	Member
7	Shri D.R.Jadhav	Asstt. Section Officer	Member
8	Shri A.R. Deshmukh	Agril. Asstt	Member
9	Shri U.M. Kamble	Blacksmith	Member
Academic Year 2019-20 (letter no. GPE/HT/463/19, dt 5.7.2019)			
Sr. No.	Name of member	Designation	Remarks
1	Dr. T.B.Tambe	Professor & Incharge	Chairman
2	Dr.M.S.Dadke	Associate Professor	Member
3	Dr. S.R.Barkule	Asstt. Professor	Member
4	Dr.S.S.Arbat	Asstt. Professor	Member
5	Dr.V.V. Bhagat	Asstt. Professor	Member
6	Prof.A.S. Lohakare	Asstt. Professor	Member
7	Shri A.R. Deshmukh	Agril. Asstt	Member
8	Shri U.M. Kamble	Blacksmith	Member
Academic Year 2022-23 (letter no. GPE/HT/329/22, dt 10.8.2022)			
Sr. No.	Name of member	Designation	Remarks
1	Dr. G.M.Waghmare	Professor & Incharge	Chairman
2	Dr.G.P. Jagtap	Associate Professor	Member
3	Dr.B.M. Kalalbandi	Associate Professor	Member
4	Dr.V.V. Bhagat	Asstt. Professor	Member
5	Dr.A.S. Lohakare	Asstt. Professor	Member
6	Shri A.R. Deshmukh	Agril. Asstt	Member
7	Shri M.K.Pupulwad	Agril. Asstt	Member
8	Shri Sandipan Maske	API, Nava Mondha	Member
9	Shri Himanshu Pal	Student Representative	Member
10	Ku Deepali Jadhav	Student Representative	Member
11	Shri Shivaji Sheshrao Pawar	Parents Representative	Member
12	Dr. S.R.Wankhede	Asstt. Professor	Member Secretary

6.5.1.5 Biological waste disposal facility:**Waste Disposal committee**

Waste disposal committee is constituted to undertake waste management and its pre treatments at college level.

Table 18: Waste Disposal committee

Sr. No.	Name of faculty and Designation	Responsibility
2018-19 and 2019-20		
1.	Shri. S.P.Solanke	Chairman
2.	Prof. A.S. Lohakre	Member
3.	Shri U.M. Kamble	Member Secretary
2020-21		
1.	Dr. S.R.Barkule	Chairman
2.	Dr. V.V.Bhagat	Member
3.	Shri. Izaz Sheikh	Member Secretary
2021-22		
1.	Dr.S.R.Barkule	Chairman
2.	Dr. V.V.Bhagat	Member
3.	Shri Izaz Sheikh	Member Secretary
2022-23		
1	Dr.B.M.Kalalbandi	Chairman
2	Dr. V.V.Bhagat	Member
3	Shri Izaz Sheikh	Member Secretary

At college two manure pits were constructed having six compartments each. The waste material collected while cleaning the campus is collected at placed in dust bins. The same material is placed in pits constructed at the instruction field for decomposition and again for recycling and to be used for field application. Regarding biological farms waste (plant stubbles, pruned plant material, harvest remains etc) is collected periodically and heaped in pits. The decomposing manure cultures are added to the pits. Turning is given to the material placed in the pits. After 4-5 months the decomposed material is used as compost fertiliser for field application.

6.5.1.6 Instructional Ethics Committee for Experiment on Animals: Nil

The syllabus of horticulture degree programme does not cover the experiments related to animals; hence the committee on aforesaid subject doesn't exist.

6.5.1.7 Committee for Prevention of Sexual Harassment of Women at work places:

Yes, In accordance with the directives given by Hon. Supreme Court of India, to prevent or deter the Commissions of Acts of Sexual Harassment and to provide the procedure for resolution, settlement or prosecution of Acts of Sexual Harassment of working women the committees has been established as per university order No.

AA/517/2461,dt15/07/2021 for the period and upto date of 30.4.2023, respectively at university level. Till to date there is no any complaints received regarding women's harassment in the institution.

However, committee consists of following members to attend the issues related to harassment of women in working places.

Table 19: Committee for Prevention of Sexual Harassment of Women at work places

Sr No	Name of the member	Position
1	Dr. Mrs. Jaya R Bangale, Associate Dean & Principal, College of Community Science, VNMKV, Parbhani	Chairman
2	Dr Smita Khodke, Associate Professor, College of Agriculture Engineering, VNMKV, Parbhani	Member
3	Dr F.S.Khan, Assistant Professor, Student Welfare Officer, VNMKV, Parbhani	Member
4	Smt Shrilekha Vajhe, Dhanvantri Organisation, Juna Pedgaon road, Parbhani	Member (NGO)
5	Dr.G.S.Bhalerao, Deputy Registrar (Acad.), VNMKV, Parbhani	Member
6	Mr. P.M.Patil, ASSTT. Registrar (Est.), VNMKV, Parbhani	Member
7	Dr. Neeta Gaikwad, Asso.Prof.CCS, VNMKV, Parbhani	Member Secretary

6.5.2 Faculty

6.5.2.1 Faculty Strength at College

Table 20 : Faculty Strength at College

Sr. No.	Year	Sanctioned faculty	Sanctioned post in position	Faculty in place	Vacant position
1	2018-19	Professor	01	01	-
2		Associate Professor	01	01	-
3		Assistant Professor	06	04	02
1	2019-20	Professor	01	01	-
2		Associate Professor	01	02	-
3		Assistant Professor	06	02	04
1	2020-21	Professor	01	01	-
2		Associate Professor	01	01	-
3		Assistant Professor	06	03	03
1	2021-22	Professor	01	01	-
2		Associate Professor	01	01	-
3		Assistant Professor	06	03	03
1	2022-23	Professor	01	01	-
2		Associate Professor	01	02	-
3		Assistant Professor	06	03	03

6.5.2.2 Faculty profile (Department wise)

Table 21: Faculty profile (Department wise)

Sr. No.	Discipline	Faculty	Sanctioned faculty at COH Parbhani	Filled positions	Vacant positions	Faculty requirement as per ICAR norms	Actual additional faculty requirement
	Associate Dean		0	0	0	1	1
1	Department of Fruit Science (Breeding + Production)	Professor Associate Professor Assistant Professor	Prof. 1 Asso. Prof. 1 Asstt.Prof. 6	Prof. 1 Asso. Prof. 1 Asstt.Prof. 3	Prof. 0 Asso. Prof. 0 Asstt.Prof. 3	1	
2	Department of Vegetable science (Breeding + Production) + Seed Production/Seed Technology	Professor Associate Professor Assistant Professor				1	
3	Department of Floriculture and Landscape Architecture (Breeding + Production)	Professor Associate Professor Assistant Professor				0	
4	Department of Post Harvest Technology	Professor Associate Professor Assistant Professor				1	
	A)	Professor Associate Professor Assistant Professor				1 1 6	

5	Discipline	Faculty	Sanctioned faculty at COH Parbhani	Filled positions	Vacant positions	Faculty requirement as per ICAR norms	Actual additional faculty requirement
5	Department of Plant protection a.Entomology+/ Nematology	Professor	0	0	0	0	0
		Associate Professor	0	0	0	1	1
		Professor Assistant	0	0	0	1	1
		Professor					
	b.Plant pathology +/- Nematology	Professor	0	0	0	0	0
		Associate Professor	1	1	0	1	0
6	Department of Basic Sciences Biochemistry, Crop physiology, Biotechnology & genetics and plant breeding, Statistics, Computer science	Professor	0	0	1	1	1
		Associate Professor	0	0	1	1	1
		Professor Assistant	0	0	4	4	4
		Professor					
7	Department of Natural Resource Management 1. Soil Science & Agril. Chemistry 2. Microbiology 3. Water Tech Centre (WTC) 4. Environmental Science 5. Agricultural Engineering Agro Forestry	Professor	0	0	0	0	0
		Associate Professor	0	0	1	1	1
		Professor Assistant	0	0	4	4	4
		Professor					
8	Department of Social Science 1. Agriculture Extension 2.Agriculture Economics	Professor	0	0	0	0	0
		Associate Professor	0	0	1	1	1
		Professor	0	0	4	4	4

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	3. Agri/Horticulture Business Management 4. English 5. Physical Education 6. Library Science	Assistant Professor					
	B)	Professor	0	0	0	1	1
		Associate Professor	0	1	0	5	4
		Assistant Professor	0	0	0	14	14
	(A +B)	Asso. Dean	0	0	0	1	1
		Professor	1	1	0	5	4
		Associate Professor	1	2	0	7	5
		Assistant Professor	6	3	3	21	15

Present profile is in sufficient to meet academic requirement of the college. However, additional help is sought from College of Agriculture, VNMKV, Parbhani (As horticulture college is a sanctioned scheme under College of Agriculture, Parbhani) and faculties from Director of Research to run the degree programme.

6.5.2.3 Credentials of the faculty:

Table 22 : Credentials of the faculty during last five years (2018-2023)

Sr. No	Name of faculty	Year of joining university	Designation	Highest qualification	Related work experience in the field	Professional Licensure	Certificate Honors/ Awards	Continuous documented excellence in teaching (List enclosed)	Demonstration competencies and achieve meets that contributes to effective teaching and students learning out cum (List enclosed)
1.	Dr T B Tambe	2008	Professor and Incharge	Ph. D (Hort.)	30 Years	1.International Society of Nature Farming, Hissar 2. Journal of Agri. Research and Technology, Pune. 3. Journal of Applied Sciences and Environment, Hissar. 4. News and Views: Plant Physiology (APA U), Agril. College, Bapatla (A.P.)	-	MSc and Ph.D teacher and guide Guided- 05 M.Sc students and 01 Ph.D student	1. 02 Joint AGRESCO recommendation and one variety released. 2. Research papers- 08 3. Participation in Seminar/Symposia – 01
2	Dr. G.M. Waghamre	2008	Professor and Incharge	Ph. D (Hort.)	30 Years	Yes		M.Sc. and Ph.D teacher and guide Guided- 05 M.Sc students and 01 Ph.D student	1. 02 Joint AGRESCO recommendation and one variety released. 2. Research papers- 08 3. Participation in Seminar/Symposia – 01
3	Dr.M.S. Dadke	2007	Associate Professor	Ph. D (Agri.) Plant Patholgy	13 years	Yes	-	M.Sc. Teacher & Guided 2 M.Sc. (Agri.) students	1. Research papers- 05 2. Practical manual - 03,

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4	Dr.G.P.Jagtap	2003	Associate Professor	Ph. D (Agri.) Plant Patholgy	20 Years	Yes		M.Sc. Teacher & Guided 2 M.Sc. (Agri.)students	1. Research papers- 04 2.Practical manual - 01,
5	Dr VV Bhagat	2003	Assistant Professor	Ph. D (Hort.) NET (ASRB)	15 years	Yes	1.Women Scientist Award 2.Best Scientist Award in Horticulture	MSc and Ph.D teacher and guide Guided- 04 M.Sc students	1. Research papers- 09 2.Practical manual - 01, 3.Participation in Seminar/Symposia – 02 4.Winter or Summer school - 02
6	Dr B M Kalalbandi	2007	Associate Professor	Ph. D (Hort.) NET (ASRB)	11 years	Life member of 1.Indian Society for Arid Horticulture, ICAR- CIAH, Bikaner 2., SADHNA, Dr,Y.S.Parmar University, Solan	Appreciation letter for Awaviskar 2023	<ul style="list-style-type: none"> • M.Sc and Ph.D teacher students guided :02 • Member of SAC in M.Sc: 05 • Ph.D students : Nil 	1.Joint AGRESCO recommendations-04 2.Participation in.Seminar/Symposia – 03 3.Winter or Summer school – 02 4. Research papers- 09 5. Books-02,
7	A.S. Lohakare	Oct. 2014	Assistant Professor	Ph. D (Hort.) NET (ASRB)	9 years	Life member of 1.Indian Society for Arid Horticulture, ICAR- CIAH, Bikaner 2.Society for Agril Research on Abiotic Stress (SARAS),ICAR- NIASM, Baramati	Young Scientist Award,VII Global Conference held at Birsa Agril University, Kanke Ranchi, Jharkhand	<ul style="list-style-type: none"> • M.Sc students guided :03 • Member of SAC in M.Sc: 05 • Ph.D students : Nil 	1. Participation in Seminar/Symposia – 04 2.Winter or Summer school - 01 3. AIR, Parbhani.-04 4. Research papers-21 5.Practical manual - 05, 6.Popular articles- 34 7.Folders-05 8.Book-01 9. Technical Bulletin- 01

6.5.2.4 Technical and Supporting staff:**Table 23: Technical and Supporting staff**

Sr. No.	Year	Sanctioned staff	Sanctioned staff	Staff in place	Vacant position
1	2018-19 to 2022-23	Technical staff 1. Agril. Asstt	00	02	00
2		Supporting staff	02	00	02
3		Technical staff 1.Mali 2.Labours	00 00 00	00 04 12	- - -

As per above staff in place, one Agril. Assistant who is deputed from College of Agriculture, Parbhani is appointed for field activities of instructional farm to cater the needs of practical and field experiments and seven Malis (Gardeners) are appointed to assist him. While one Agril. Assistant who is deputed from College of Agriculture, Parbhani is appointed to look after the work of educational and scholarship activities. Assistant Section Officer is appointed to prepare proposals required to support the above foresaid persons to carry their activities efficiently. Another supporting staff is driver who looks after the college vehicle to attend Professor and Incharge daily and students and staff when needed.

6.5.3 Learning resources:**6.5.3.1 College library (digital):**

College library is not available. However, all above facilities of use of wifi, books, journals, thesis are available at Central Library, VNMKV, Parbhani and are shared.

Library Hours:

The University Library provides extended hours of reading room facility to it's stake holders even on Sunday and public holidays.

Reading Room:

Monday to Saturday : 07:00 am to 11:00 pm

Sunday and other Public Holidays: 08:00 am to 05:00 pm

- Print Books 88999
- Print Journals 240
- Bound Volumes of Periodicals 27077
- Thesis and Dissertations 9969
- E-Journals 6159
- Subscribed e books 1174
- Digitalized Thesis 4631

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

Table 24 : Physical facilities available in the college

Sr. No.	Particulars	Number	Space	Speciality to conduct practical/ hands on training
1	Laboratory	06	978.52 Sq.m	Fruit Science, Vegetable Science, Floriculture and Landscape Design, ELP, PHT and Plant Protection. Practicals on nursery management, Hi-tech horticulture, value addition , breeding courses, fundamental courses of horticulture, management practices of horticultural crops, plant protection measures are conducted.
2	Instructional Farm	01	42 ha	Fruit crops, vegetables crops, flower crops, protected cultivation
3	Workshops Dairy Plant	-	-	-
4	Veterinary Clinic	-	-	-
5	Hatchery	-	-	-
6	Ponds	-	-	-

6.5.3.3 Student READY/In plant Training/Internship/Experimental Learning

Programmes:

Implementation of student READY: Incorporated in new syllabus of Vth Dean Committee of B.Sc. Hons (Hort.) from the academic year 2017-18 and first batch students undergone **READY** programme during academic year 2020- 21.

Rural Entrepreneurship Awareness Development Yojana: Incorporated in new syllabus of V Dean Committee of B.Sc. Hons (Hort.) from the academic year 2017-18 and first batch students undergone **READY** programme during academic year 2020- 21.

ELP Unit sanctioned by ICAR and its status

Table 25 : Students READY/Internship/In plant training/ELP at the college

Name of ELP unit sanctioned	Name of College	Year of start	Grant received	No. of students trained					Income generated (Rs.)					Total Rs.	Profit sharing with students				
				18-19	19-20	20-21	21-22	22-23	18-19	19-20	20-21	21-22	22-23		18-19	19-20	20-21	21-22	22-23
				Nursery Production and Management	College of Horticulture VNMKV, Parbhani	2006-07	35.00 lakh	26	25	13	55	44	10500		Nil	Nil	3000	Still in progress	13500
Protected cultivation of high value flower and vegetable crops	College of Horticulture VNMKV, Parbhani	2006-07	35.00 lakh	26	25	13	55	44	3968	8055	1050	3360	Still in progress	16433	Nil	Nil	Nil	Rs 6402	Still in progress
Processing of fruits and vegetables for value addition	College of Horticulture VNMKV, Parbhani			-	-	-	55	-				8100		Nil	Nil	Nil	Nil	-	

Rs. 6402 profit was shared to students during academic year 2021-222.

Table 26: Students READY implemented in the college

Sr.No.	Number of student involved					Activities carried out
	2018-19	2019-20	2020-21	2021-22	2022-23	
1.	Nil	Nil	13 Home RHWE	55 Home RHWE	44	<ul style="list-style-type: none"> • Celebration of Krishi Din • Tree plantation • Layout and planting orchards • Nursery raising techniques • Plant propagation techniques • Preparation of value added products • Training and pruning techniques • PRA-techniques • IPM in horticultural crops • IDM in horticultural crops • Soil testing • Group discussion • Method demonstration • Production technology of horticultural crops carried by host farmer or adopted farmers

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

College is using smart class rooms (K yan and LCD projectors) for teaching and practicals and has developed two smart classrooms. The list of smart class rooms tools are as follows,

- | | |
|----------------------------|---------------------------------|
| 1. Desktop and Laptop | 2. Document Camera/Visualize |
| 3. Interactive White Board | 4. Interactive Projector- Kayon |
| 5. Simple-Projector | 6. Digital Camera |
| 7. Multimedia Pens | 8. Wireless Microphone |
| 9. Speaker | 10. Printer |

6.5.4 Student Development:

6.5.4.1 Student Intake and Attrition :

Table 27: Students Intake. Attrition and Retention

Year	Total students capacity	Students admitted	Attrition No	Attrition (%)	Remaks
18-19	37+ICAR	40	01	2.5	Admitted in medical sciences
19-20	37+ICAR	44	02	4.54	
20-21	37+ICAR	40	03	7.5	
21-22	37+ICAR	42	02	4.76	
22-23	60+ICAR	66	-	0.0	

6.5.4.2 Average Number of Students in Theory and Practical Classes :

Table 28 : Average Number of Students in Theory and Practical Classes

Sr. No.	Name of the degree programme	Batch of students in theory class	Batch of students in practical class
1	Under Graduate		
	1) B.Sc.(Hort.)	37+ICAR	Two batches 20 students each
	2) B.Sc. Hons. (Hort.)	60+ICAR	Three batches 20 students each

6.5.4.3 Admission process :

1. Mechanism of admission for UG, PG and Ph.D.

Central admission at MCAER level is done for B.Sc Hons (Hort.) degree programme. Selection for admission of new candidates to the first semester of undergraduate courses is made in accordance with the regulations made by MCAER, Pune from time to time

Eligibility for Admission to B.Sc (Hons.)Horticulture

As per provisions of Article 5 of the Maharashtra Agricultural Universities (Krishi Vidyapeeth) Act 1983, the candidate, who is aspiring to get admission to the Undergraduate horticulture course, and his parents should be residing in Maharashtra State for at least 3 years in the past 10 years from the date of submitting the application form, and such candidates shall be deemed as eligible for admission. Hence, the candidates and their parents who have been residing in the State for less than 3 years in the past 10 years shall be considered as Out of State candidates and for them the admission capacity shall remain limited to 2% of the admission seats.

➤ Eligibility for Admission

Table 29 : Eligibility criteria for B.Sc. Hons. (Hort.) admission

Particulars of Examination	B.Sc Hons.(Hort.)
Qualifying Examination	10+2 Science with Physics, Chemistry, Biology/Maths, English with qualify in CET.
Entrance Examination	Starting from 2018 batch
Others (Specify)	Merit basis and reservation quota

➤ Distribution of seats

Table 30 : Showing distribution of seats

Sr. No.	Quota	Students eligible from	No. of seats
1	M Quota (30 %)	The candidates from the state of Maharashtra	60 +ICAR
2	U Quota (70 %)	Candidates who have passed the qualifying examination from schools colleges that come under the jurisdiction of of respective Universities of Maharashtra	
3	ICAR Quota (10%)	Seats for Indian Council of Agricultural Research, New Delhi and candidates from other States	12
4	MCAER Quota (2 %)	Seats for MCAER and candidates from other States	02

As per the provisions made in the Indian Constitution, provisions made under the Maharashtra Agricultural Universities (Krishi Vidyapeeths) Act, 1983, and also as directed by government resolutions from time to time, specific seats have been reserved for admission in the colleges –

Table 31 : Details of reservation quota in admission process:

Sr.No.	Reserved Category	%
1	Scheduled Castes/ Nav- Budha (SC)	13
2	Scheduled Tribes (ST)	07
3	Vimukta Jati (VJ)(a) (14 and others)	03
4	Nomadic Tribes (NT)(b)(28 listed prior to 1990 and others)	2.5
5	Nomadic Tribes(NT)(c)	3.5
6	Nomadic Tribes(NT) (d) (Vanjar, Vanjari, Vanjara)	02
7	Other Backward Classes (OBC)	19
	Total	50
8	Children of Freedom Fighter (FF)	02
9	Handicapped Candidates (low vision, hearing impairment, locomotors disability or cerebral palsy (PH)	03
10	Children of Defence Personnel / Ex-serviceman (DP)	02

11	Project Affected Person and their children as defined in the Maharashtra Resettlement of Project Displaced Act,1976 (PAP)	04
12	Agriculturist and those children of Agriculturist who possess minimum qualification or experience in Agriculture. (AG)	06
13	Female	30
14	Candidates and their parents have not resided in the State of Maharashtra at least 3 years during the period of 10 years immediately preceding the date on which admission is sought. (OS)	02

- The academic year of senior students commences from June-July as per the academic calendar.
- The MAUEB in consultation with the MCAER, Pune finalize the academic calendar.

2. Fees payment mechanism

Each and every student has to pay the fees ONLINE and register the courses during the notified period by MAUEB/MCAER/University/College.

3. Registration procedure

Registration shall consist of:

- 1) Payment of college/hostel fees and other fees to Professor and Incharge
- 2) Enrolment of a student in various courses in consultation with the respective Counsellor and depositing with the Professor and Incharge, the roster form duly filled in and signed by the student, Counsellor course teacher.
- 3) A student seeking admission to semester other than the first shall be permitted by the Professor and Incharge on payment of a late fee of Rs 100/- per day upto a period of five working days and including the day notified for registration. No registration is permitted on the expiry of this period.
- 4) Medical examination and premium for student safety insurance are compulsory for all students admitted during first year. If a student is found medically unfit, he is liable to be discontinued from the university.

4. Academic scheduled publications at start of the semester

Academic schedule:

The academic year of first year commences just after admissions are completed. The syllabus is prepared and planned on line with sound practical base as per IVth and Vth Deans committee. The horticultural graduates today are provided technology not only for increasing fruits, vegetables and ornamental plants production but also for reducing post harvest losses

and value addition through processing of produce. The practical emphasis on plant protection measures for major horticultural crops is also covered. Increasing export opportunities in horticulture and allied industry sector has additional demands on horticulture education to meet the growing requirement of fruit, vegetable and flower crops. The education in horticulture includes practical skills and knowledge to meet the challenges of providing increasing employment opportunities to young horticultural graduates in academic institutions and service sector. Hence during IVth and Vth Dean committee syllabus maximum credits were allotted for practicals (67+93=160) and 83+100=183, respectively.

The RHWE and Experiential Learning Programme in VIIth and VIIIth semester was included in the syllabus since 2017-18. In new syllabus as per Vth dean committee the practical components like ELP, RHWE and Placement in Industries are incorporated to cater the needs of stakeholders are incorporated. The students are trained on a Nursery management and Protected cultivation of high value horticultural crops with an object to develop professionalism in horticultural graduates.

During last 36 years twenty six batches have graduated from this college and most of graduates got employment in different seed companies, Bank and Govt. organizations. Till dated 894 students have completed B.Sc. (Hort.) degree programme.

6.5.4.4 Conduct of Practical and Hands on Training:

- The main object to start B.Sc. (Hort.) degree programme in Marathwada region is to cater the needs of advance knowledge of fruit, vegetable and flower growers of the region and others involved in horticultural industries. The students are trained for recent trends in horticulture.

6.5.4.5 Examination and Evaluation Process:

As per rules and regulations approved by the Maharashtra Council of Agricultural Education and Research in its 84th and 86th meeting held on 25.7.2010 and 19.4.2012 vide Resolution No. 102/84/2011 and 04/86/2012, respectively the academic regulations for Bachelor's degree programme, 2011 are brought it to existence.

- The MAUEB, Pune controls and monitors the examination system by providing common question papers of S E T E of UG courses offered during the semester.
- The mid-term examinations of UG courses are being scheduled and conducted at College level.
- The academic progress of students is being evaluated by Internal-External system of examination at UG level as detailed below:

Table 32 : Details of examination evaluation in degree programme

Sr. No.	Type of Examination	Type of evaluation	Weightage (% marks allotted)	Duration of Examination
1	Theory : Mid-term Examination	Internal	10	1 hr. for 1 credit, 1.5 hrs. for 2 and more credits.
2	Theory : SETE	External	40	2 hrs. for 40 marks paper (1 credit) and 3 hrs. for 80 and more marks paper (2 and more credits).
3	Practical : GP	Internal	10	Class attendance, Functionality in class work.
4	Practical : SEPE	External	40*	Max 2 hrs.

* Includes viva-voce examination of 10%, written test of 30-40% and rest marks to lab/field work related to course content.

A student having 80% attendance and declared FAIL in the course(s), may appear the Semester-End-Examination on payment of prescribed fees and filling of examination form. The marks of mid-term examination and GP obtained by such students are carried over.

➤ **Conduct of Examination**

The examination branch notifies the list of students appearing for SE examination of registered courses (as Regular and FOE) along with examination numbers.

Table 33 : Information on conduct of Examination

Examinations	Conducted by	Appointed by
Mid term	Course teacher	ADP
S.E Theory	Sr. Supervisor	Registrar
S.E Practical	External examiners	Registrar

Provision of Compartment examination for final year student FAIL in maximum 2 courses of last two semesters of degree programme and having 80% attendance

➤ **USE OF UNFAIR MEANS:**

Table 34 : Details of penalty in unfair means

Examination	Reporting	Enquiry	Quantum of punishment
Mid term	Invigilator	Committee constituted	Declared FAIL in the said course
SEE	Invigilator	Committee constituted	Declared FAIL in all the registered courses of that particular semester

A student who declared FAIL due to use of unfair means, has to re-register the course(s) as a regular student.

➤ **Other provisions in Examination and Evaluation System**
Award of Grace Marks

Table 35 : Provision of grace marks in examination

Provision	No. of attempts	Concerned authority	Duration
Grace of 5 mark in any course	Any time in a degree	Registrar	Apply within 10 days of declaration of result
Scrutiny of grade/Recounting of marks	After declaration of result of each semester	Registrar	Apply within 10 days of declaration of result

- Provision of Compartment examination for final year student FAIL in maximum
- 2 courses of last two semesters of degree programme and having 80% attendance

➤ **Grading and Declaration of result:**

The result is declared in GRADE system in 10 point scale i.e. % marks/10 and accordingly semester wise consolidated result is declared by the Registrar.

➤ **Computation of CGPA and declaration of class:**

Semester wise CGPA is computed over the semesters completed by student ($\sum GP \times CR / \sum CR$).

Table 36: Details of computation CGPA and declaration of class

Class	UG
Pass	5.5 - 5.99
Second	6.0 - 6.99
First	7.0 - 7.99
FDWD	8.0 & above

As per the Vth Deans committee syllabus for degree programme in horticulture decided by the MCAER, Pune to be implemented from the academic year 2017-18 is as below :

Table 37: Details of marks as per credit weightages

Course credits	Theory		Practical		
	Mid term	Final semester end	GP	Assignment	Final practical
1+1=2	10	40	5	5	40
2+1=3	20	80	5	5	40
3+1=4	30	120	5	5	40
1+0=1	10	40	-	-	-
0+1=1	-	-	5	5	40
0+2=2	-	-	10	10	80

Minimum marks for passing the subjects will be 50 % (minimum 40% each in practical and theory exam for separate passing).

Other provision: 10 marks of practical records are split into 2 parts as 5 marks for practical records and 5 marks for assignments. Existing passing criteria has been reduced from 55% to 50%. There is no provision of grace marks as per Vth Deans committee of ICAR. Therefore, provisions of grace marks is removed for the students admitted from academic year 2017-18.

Remaining system of examination and mark allotment for theory and practical remained unchanged.

Table 38 :Details of passed out students from 2018-19 to 2022-23

Year	No of students appeared	No of students passed	% of passed students	First Class With Distinction		First Class		Second Class		Total	
				M	F	M	F	M	F	M	F
2018-19	26	26	100	2	3	10	4	4	3	16	10
2019-20	25	25	100	2	2	11	3	3	4	16	9
2020-21	20	20	100	2	1	4	5	4	4	10	10
2021-22	64	64	100	5	5	20	15	10	9	35	29
2022-23	66	Result awaited									

6.5.4.6 NCC/NSS/RVC Units:

In College of Horticulture, Parbhani National Social Service unit is in existence and at present 50 volunteers are enrolled under NSS and 30 students are enrolled for Special Camp. NSS special camps are being arranged every year in the selected villages. Lectures and demonstrations are arranged on the various topics. NSS volunteers have done cleaning and maintenance works in the various departments. The lectures were organized on students related to health care, AIDS awareness, Eye donation and personality development.

➤ **No. of students participated in NSS activities.**

Table 39 : List of students participated in NSS activities

Year	No. of students admitted	No. of students attended camps	Place
2018-19	50	22	At- Sayala Khating Taq- Parbhani
2019-20	50	19	At-Karegaon Taq- Parbhani
2020-21	50	24	At-Raipur Taq- Parbhani
2021-22	50	25	At-Sayala Khating Taq- Parbhani
2022-23	50	25	At-Itlapur Taq- Parbhani

6.5.4.7 Language Laboratory:

There is no language laboratory at college. However, students of this college share the laboratory commonly with the students at university level.

6.5.4.8 Cultural Centre:

The college Gymkhana is undertaking the activities for the overall development of students. Extra – curricular activities and sports are conducted throughout year to build up personality and confidence of students. Youth Day (2 Jan), Teachers Day (5 Sept), Ganesh festival, Shiv Jayanti, Dr. Babasaheb Ambedkar Jayanti are celebrated by organizing various cultural events, literary events, sports and games competitions to encourage and acknowledge talents of the students. Freshers welcome programme for incoming students and farewell programme for outgoing students are also organized every year. Students are encouraged and guided to participate in the College, University, State and National level cultural events such as *Indradhanushya, Youth Festival and Apali Mati Apla Maharashtra, Krida Mahostav* etc. Students are also participating in Technocrats and Science Exhibitions.

Table 40 : List of students participation in sports and cultural activities in Zonal and national level

Year	Sport	Position	Held At
2018-19	Intercollegiate		
	1) Participated in Kho-Kho, Basket Ball, Kabaddi	-	SWO, VNMKV, Parbahni
	2) Skit	Gold medal	MGM, Aurangabad
	3) Drama	Silver medal	MGM, Aurangabad
	4) Poster making	Bronze medal	MGM, Aurangabad
	5) Rangoli	Appreciation	SWO, VNMKV, Parbahni
Inter University/National/Zonal level			
	1) Volley ball	Gold medal	PAU, Ludhiana
	2) Skit	Gold medal	Agricultral University, Gujrat
	3) Drama	Gold medal	
	4) Dance	Silver medal	
2019-20	Due to pandemic Covid - 19 no events organised		
2020-21			
2021-22			
Inter University			
2022-23	Cartooning	Silver medal	MPKV, Rahuri

6.5.4.9 Personality Development:

The college Gymkhana is undertaking the activities for the overall development of students. Extra – curricular activities and sports are conducted throughout year to build up

personality and confidence of students. The Students placement and Counselling Cell provides a platform for the students to gain more knowledge from the expert or special lectures exclusively arranged for them and also get information regarding varied opportunities for job placements. The students are offered jobs in the institutions/ organizations where they undergo implant training. Placement cell arranged Campus interview for the final year outgoing students through which placement of the students takes place. The College has facilities of language where provisions for inclusion of functional programmer in standard English, Speaking skills, reasoning, group discussions interview skills, personal interviews.

Table 41: Beneficiaries: - The following students of this college working in different organizations/ Institutions/Government sector etc

Sr.No.	Name of student	Sector/Institute
1	Haldewad Amol Mohanrao	SBI
2	Mali Ashitosh Chandrakant	SBI
3	Miss. Pathan Shama	Private Sector
4	Navgire Parmeshwar Dadarao	Reliance Co.
5	Miss. Phatak Sangeeta Uttamrao	Agri. Dept.
6	Pawar Paras Murlidharrao	University
7	Hange Bibbisha Narayan	State Agril. Dept.
8	Digrase Sachin Swarooprao	NGO
9	Patil Rajkumar Phakira	Z.P. Agri. Dept.
10	Thorat Bappasaheb Balasaheb	Dy. S.P.
11	Palve Sandeep Bhanudas	Dy. S.P.
12	Magar Sanjay Mohanrao	State Agril. Dept.
13	Bharadiya Pritam Shrikrishan	Pvt. Agril. College
14	Farse Jayparkash Gangadharrao	Z.P. Agril. dept.
15	Misal Ashok Vishwanath	State Agril. dept.
16	Patil Omhari	State Agril. Dept.
17	Sabnis Parag Chandandasrao	Pvt. Seed Company
18	Pranje Kaustubh Jagannathrao	Interpreneur
19	Miss. Sujata Dhutraj	Agri. University
20	Ainlode Gangakishan Vithalrao	Z.P. Agril. Dept.
21	Sarsamlar Sachin Sureshrao	PSI
22	Yedlod Shivaji Sayalu	Agril. University
23	Vaidya Pushkar Subhash	PSI
24	Dhupe Mohan Vajjnathrao	Agril. University
25	Jampangire Pradeep Sopanrao	Jr. Pvt. College
26	Dhoke Pavankumar Kishanrao	Agril. University
27	Shelke Rajesh Digambarrao	Agril. University
28	Ukrande Mahesh Sidramappa	Jr. Lecturer

29	Baig Khizar Samad	Agri. University
30	Tilkari Manoj	Z.P. Agril. Dept.
31	Kalunke Abhay Bagirao	Entrepreneur
32	Sidharth Dalvi	S.B.I.
33	Miss. Bhole Pradnya Bhimrao	Z.P. Agril. Dept.

6.5.5 Physical Facilities :

6.5.5.1 Hostels :

Table 42 : Details of hostel facilities available with college

Sharad Boys hostel

Sr. No.	Name of Hostel	Total Capacity	Student/ room	Mess facility	Drinking water	Indoor games	Cleaning of hostel premises	Transport facilities	Emergency medical facilities
1	Sharad hostel	150	52	Yes	Yes	-	Yes	Not needed*	Yes

* Hostel and health centre is in university campus

Girls hostel

Sr. No.	Name of Hostel	Total Capacity	Student/ room	Mess facility	Drinking water	Indoor games	Cleaning of hostel premises	Transport facilities	Emergency medical facilities
1	Diwakar Rawate Girls Hostel	126	42	Yes	Yes	-	Yes	Not needed*	Yes

* Hostel and health centre is in university campus

6.5.5.2 Examination Hall

Table 43 : Availability of number of examination halls, its capacity etc. for the college

Sr. No.	Number of examination hall	Capacity
1	Main - 02	70
2	Class rooms - 02	40 each
	Total 04	230

6.5.5.3 Sports and Recreation Facilities:

All above facilities are available with Student Welfare Office of the university and students of college take benefits of all sports and recreation facilities developed by Student Welfare Office at university level.

6.5.5.4 Auditorium:

The college examination hall is used to arrange functions like welcome of fresher's, farewell programme, lectures of eminent persons on personality development, celebration of

various national and international days etc. at college level. However, university level programmes are arranged in auditorium of College of Agriculture, Parbhani and college take part in it.

6.5.5.5 Exhibition Hall/Museum:

The College has established a museum which houses the varietal seed samples, charts of cultivation technologies, prototype of instruments, bioagents and biofertilizers which are helpful for the students and visiting farmers.

6.5.6 Research Facilities:

Being an undergraduate college, there is no student research going on. However, the staff members are involved in various research programmes and as advisory committee members. Each departmental laboratory is well equipped for carrying research.

6.5.6.1 Post graduate Laboratories and Equipment:

No, College does not have post graduate laboratories and equipment.

6.5.6.2 Research Contingency:

No, there is no provision of research contingency provided to the college.

6.5.7 Outcome/Output

6.5.7.1 Student Performance in National Examination:

Table 44: Details of student performance in national examination

Sr. No.	Year	Reg. No.	Name of the student	Students performance in JRF
1	2018	2015 HT 08B	Miss.Geethika Konka	ICAR (PG)
2	2018	2016HTPB014	Dhullipalla Sai Sreeja	ICAR (PG)
3	2020	2017HTPB039	Syed Adiba Nureen	ICAR (PG)
4	2021	2018HTPB002	Adepu Raju	ICAR (PG)

6.5.7.2 Students Placement profile:

Table 45 : Details of students placement profile during last five years

Sr. No.	Placement	2018-19	2019-20	2020-21	2021-22	2022-23
1	Banking	00	00	01	01	01
2	Students working in abroad	-	-	01	-	-
3	Students working in India (Self employed)	18	14	14	40	-
4	Enterprenur	02	00	00	00	01
5	Student succeeded for higher education					
	MCAER	04	03	00	05	-
	ICAR	02	00	01	01	-

6.5.7.3 Award/Recognitions/Certificates:

Table 46: Details of Award/Recognitions/Certificates awarded

a. STUDENT

Sr. No.	Year	Degree course UG/ PG/Ph.D	Reg. No.	Name of the student	Students Awards	Place of Event
1.	2018 - 19	UG	2016 HT 33B	Ku. Pratiksha P Pawar	Gold medal in Volley Ball	PAU, Ludhiana
2	2018 - 19	UG	2016 HT 40B	Ku. Samiksha Wankhede	Gold medal in Dance , Drama and Skit competition	West zone, Agricultural University, Gujarat
3	2021-22	UG	2019HTPB005	Sandip Bhusare	Silver medal in Cartooning	Indradanush, MPKV,Rahuri

*Educational awards to the students- NIL

b. FACULTY

Sr. No	Year	Name of faculty	Awards	Recognitions	Certificate
1	2018	Dr. G.P.Jagtap	Endeavour Fellowship	Govt. of Australia	Post Doctoral degree
2	2019	Dr.B.M.Kalalbandi	Ph.D in Fruit Science	VNMKV, Parbahni	Certificate
3	2021	Dr. A.S.Lohakare	Ph.D in Fruit Science	VNMKV, Parbahni	Certificate
4	2021	Dr. A.S.Lohakare	Young Scientist Award	Birsa Agril University, Kanke Ranchi, Jharkhand.	Certificate
5	2022	Dr.V.V.Bhagat	Women Scientist Award	VII th International conference in Hybrid mode on (GRISAAS-2022) Ranchi Jarkhand, India	
6	2022	Dr.V.V.Bhagat	Best Scientist Award in Horticulture	7 th International conference on (OCAEBGD-2022) October -29-31-2022, Goa.	Certificate
7	2022	Dr. G.P.Jagtap	Appreciation letter from Hon. Vice Chancellor, VNMKV, Parbhani	VNMKV, Parbahni	Certificate
8	2023	Dr.B.M.Kalalbandi	Appreciation letter in Avishkar 2023	SPPU, Pune	Certificate

6.5.7.4 Employability:

The Institute provides high standards of education. The major sinks of employment for our students are: the National Agricultural Research System (ICAR Institutes and State Agricultural Universities), Agriculture and allied Industries, State Agricultural Departments, International Research Institute, etc. Based on the expertise both theory and practical skill requirements of the above sector, the students are taught with regularly updated curriculum in each of the discipline. The students also have freedom to choose major and minor disciplines as well as courses within the minor and major disciplines. Thus the students were inculcated with overall science of the chosen discipline as well as specific expertise requirements. Most of the students of college get top ranks in State public service exam, Banking sectors, ICAR and employed as Scientists, private sector including (seed, fertiliser, insecticide industries, NGO etc.) and some are self-employed.

6.5.8 SSR of the college must have the SSR of all its degree programmes (following section 6.4), then the report of the colleges shall be considered – Attained.

ANNEXURE

List of Published Research papers (2018-2023) -48

Sr. No.	Name of authors	Name of Article	Year Journal, Volume & Pages	ISBN/ISS N No.
Academic year 2018-19				
1	B.M. Kalalbandi, A.S. Lohakare and D.B. Kadre.	Response of garden pea to different spacing and fertilizer levels.	<i>Multilogic in Science.</i> (26):205-207. 8	2277-7601
2	R.V. Nainwad., B.M. Kalalbandi, S.M. Hade and G.S. Pokharna	Effect of different media and bio-inoculants on seed germination of Rangpur lime (<i>Citrus limonia</i> Osbeck.)	<i>Journal of Pharmacognosy and Phytochemistry</i> ; 7(5): 488-489	2349-8234
3	S.V. Dhutraj, B. M. Kalalbhandi and V.P. Damodhar	Standardization of Period for Soft Wood Grafting in Custard Apple (<i>Annona squamosa</i>)	<i>Int.J.Curr.Microbiol.App.Sci</i> Special Issue-6: 246-251	2319-7706
4	G.M. Waghmare, A.M. Bhosale, B.M. Kalalbandi and A.K. Padole	Effect of drying methods on nutritional and qualitative composition of bitter gourd (<i>Momordica charantia</i> L.) under Parbhani	<i>Int.J.Curr.Microbiol.App.Sci</i> Special Issue-6: 246-251	2319-7706
5	Khan Ameer, G.M.Waghmare and V.V. Bhagat	Effect of bio fertilizers and inorganic fertilizers on growth and yield of guava (<i>Psidium guajava</i> L.) CV.L-49 (Sardar) under meadow Orchard	<i>Multilogic in science</i> VOL,VII,ISSU XXV April	2277-7601
6	G.M.Waghmare, A.M. Bhosle, B.M.Kalalbandi and A.K.Padole	Effect of drying method on nutritional and qualitative composition of Bitter gourd (<i>Momordica charantia</i> L.) under Parbhani	<i>International Journal of Chemical Studies.</i> 6(4) 1306-1310	2319-7706
7	S.J.Sayyad, V.S.Khandare and G.M.Waghmare	Influence of harvest treatment on shelf life of Banana (<i>Musa paradisiaca</i> L.) cv. Grand naine	<i>Multilogic in Science</i> Volume VII special issue ICAAAASTSD 277-279	2277-7601
8	S.J.Sayyad, V.S.Khandare, G.M.Waghmare Nirmala U.Thoke and Nilima Gobde	Effect of Post Harvest Treatment on physic chemical composition of banana (<i>Musa paradisiaca</i> L.) cv.Grand Naine	<i>International Journal of Current Microbiology & Applied Science.</i> Special issue 6 2966-2969	2319-7706
Academic year 2019-20				
9	S.V.Dhutraj and V.V. Bhagat	Studies on standardization of period for softwood grafting in dryland fruit crops	<i>International Journal of Horticulture and food Science,</i> 1 (1) 55-56	2663-1075
10	A.P. Garde, B.M.	Influence of different growing	<i>Int.J.of Chemical</i>	2349-8528

	Kalalbandi and D.A. Mhetre	conditions on germination and growth attributes of leafy vegetables	<i>Studies</i> ; 7(5): 625-627	
11	N. S Kale., B. M. Kalalbandi., A. P. Garde and P.G Totewad	Effect of application different organic growth promoters on growth of leafy vegetables under parbhani conditions	<i>Bull. Env. Pharmacol. Life Sci.</i> , Vol 9:54-57	2277-1808
12	A.P .Garde, B.M .Kalalbandi and D.A. Mhetre	Economics of leafy vegetables cultivation as influenced of different growing conditions	<i>Int.J.of Chemical Studies</i> ; 7(5): 628-630	2349-8528
13	A.P. Garde, B.M . Kalalbandi and S.B .Ingle	Influence of different growing conditions on yield and quality of leafy vegetables	<i>Int.J.of Chemical Studies</i> ; 7(2): 2065-2067	2349-8528
14	A.P. Garde, B.M.	Influence of different growing conditions on meteorological parameters and germination of leafy vegetables	<i>Int.J.of Chemical Studies</i> ; 7(1): 1119-1121	2349-8528
15	Kalalbandi and V.K. Bahiram			
16	Gaikwad PS, Tambe TB and Gaonkar YA	Effect of foliar application of chemicals on yield of pome granate Cv. Bhagwa	<i>Int.J.chem. studies.</i> 7(1): 524-528	2349-8528
17	Borate AS, Jyothi M and Tambe TB.	Effect of micronutrients, chemicals and plant growth regulators on growth and yield of banana Cv. Grand Naine	<i>Int.J.chem. studies.</i> 7(4):3245-3248	2349-8528
18	Jyothi M and Tambe TB.	Effect of plant densities and cycocel on leaf, chlorophyll content, yield and quality attributes of okra (<i>Abelmoschus esculentus</i> L. Moench) Cv. Parbhani Kranti	<i>Int. J. Chem. Studies.</i> 7(5):1742-1745	2349-8528
19	Jadhav KP, Tambe TB and Jyothi M.	Studies on foliar sprays of micronutrients with chemicals on growth, maturity and yield of banana Cv. Ardhapuri	<i>Int.J. Chem. Studies.</i> 7(4):3249-3252	2349-8528
20	Jyothi M and Tambe TB.	Effect of plant densities and cycocel on growth, flowering and yield attributes of okra (<i>Abelmoschus esculentus</i> L. Moench) Cv. Parbhani Kranti	<i>J of Pharmacognosy and Phytochemistry.</i> , 8(5):1104-1107	2349-7706
21	Jyothi M and Tambe TB.	Effect of plant densities and cycocel on fruit and yield attributes of okra (<i>Abelmoschus esculentus</i> L. Moench) Cv. Parbhani Kranti	<i>Int. J. Curr. Microbial. App.Sci.</i> 8(10)	2319-7692
22	Jadhav KP, Tambe TB and Jyothi M.	Studies on foliar sprays of micronutrients with chemicals on yield and quality of banana Cv. Ardhapuri	<i>Int. J. chem. studies.</i> 7(5):3151-3154	2349-8528
23	R.H.Ingole, G.M.Waghmare & D.H.Bobade	Effect of nutrient management on growth parameters of papaya (<i>Carica Papaya</i> L.)	<i>International Journal of Chemical Studies.</i> 7(3) 3782-3784	2349-8528
24	R.H.Ingole, G.M.Waghmare & D.H.Bobade	Effect of nutrient management on storage study in papaya (<i>Carica Papaya</i> L.)	<i>International Journal of Chemical Studies.</i> 8(1) 743-745	2349-8528

25	V.P.Damodhar, G.M.Waghmare R.V.Nainwad & S.S.Yadlod	Different application methods of nutrients and plant growth regulators enhances the growth and yield of banana cv. Grand Naine	<i>International Journal of Chemical Studies</i> .7(5) 2544-2547	2349-8528
26	V.P.Damodhar, G.M.Waghmare & R.V.Nainwad	Different application methods of nutrients and plant growth regulators enhances yield and yield parameters of banana cv.Grand Naine	<i>Journal of Pharmacognosy and phytochemistry</i> . 8(5) 1559-1562	2278-4136
Academic year 2020-21				
27	P. R., Hange, S.R. Barkule, A.S. Lohakare and G.N. Thalkari.	Effect of different levels of chemical fertilizers and spacings on yield and quality of knol-khol (<i>Brassica oleracea Var. gongylodes</i> L.)	<i>Journal of Pharmacognosy and Phytochemistry</i> . 9 (4):1638-1641	2278-4136
28	Hange, P.R., S.R. Barkule and A.S. Lohakare	Effect of different levels of chemical fertilizers and spacings on growth of knol-khol (<i>Brassica oleracea Var. gongylodes</i> L.)	<i>Journal of Pharmacognosy and Phytochemistry</i> . 9(4) :3476-3478	2278-4136
29	Bhagat, V.V., A.S. Lohakare and T.B. Tambe	Effect of different levels of fertilizer and its application on growth, yield and quality of strawberry under polyhouse	<i>Int. J. Multidisciplinary Educational Res.</i> , Vol 9, Issue 6(10) : 160-168	2277-7881
30	Satosh Barkule, Anshul Lohakare and Sachin Chavan	Influence of different chemical substances on yield and economics of sapota (<i>Manilkara achras</i> (mill.) cv. Kalipatti	<i>Multilogic in science</i> . 11(38) :1882-1883	2277-7601
31	Rakshita Nikam, Anshul Lohakare and Vaishali Bhagat	Influence of rootstock girth in softwood grafting on growth and survival of different varieties of mango (<i>Mangifera indica</i> L)	<i>The Pharma Innovation Journal</i> . 10(10) :1284-1287	2349-8242
32	Rakshita Nikam, Anshul Lohakare and Amit Tupe	Effect of rootstock girth on biomass production and success of grafts in different varieties of mango (<i>Mangifera indica</i> L)	<i>Multilogic in Science</i> . 12 (40):162-164	2277-7601
33	A.S. Lohakare, V.V. Bhagat, A.A. Tupe, S. Ambrish and T.B. Tambe	Influence of different chemicals on yield and quality of mango (<i>Mangifera indica</i> L.) cv. Kesar	<i>The Pharma Innovation Journal</i> . 10(12) : 294-297	2349-8242
34	Gaikwad PS, Tambe TB and Gaonkar YA	Effect of different chemical spray on quality of pomegranate Cv. Bhagwa	<i>Int.J.chem. studies</i> . 4(2) :40-42	2349-8528
35	shinika SK and Tambe TB	Effect of plant growth regulators and micronutrients on flower and fruit retention in mango (<i>Mangifera indica</i> . L) CV. Kesar	<i>Int.J.chem. studies</i> . 8(4) : 3716-3719	2349-8528
Academic year 2022-23				
36	M.S. Jadhav, V.V. Bhagat and V.U.Bansod	studies on effect of plant densities and pinching levels on growth and herbage yield of fenugreek (<i>Grigonella foenum-graecum</i> L.) cv. Phule Kasturi	<i>The Pharma Innovation</i> 2022; 11 (12): 4186-4189	2349-8242

37	A.S Lohakare, V.N. Shinde, A.A. Tupeand T.B. Tambe	Improved fruit retention and yield by exogenous application of chemicals in mango (<i>Mangifera indica</i> L.) cv. Kesar	<i>The Pharma Innovation Journal.</i> 10 (12): 322-324	2349-8242
38	P.S. Sasane, A.S. Lohakare and S.R. Barkule	Effect of chemicals and biomix application on growth and success of jamun grafts cv. Konkan Bahadoli	<i>The Pharma Innovation Journal.</i> 11 (12): 3258-3262	2349-8242
39	R.Mohammad, S.R. Barkule and A.S. Lohakare	Effect of different grade and time of application of micronutrients on fruit and chemical characters of pomegranate cv. Bhagwa	<i>The Pharma Innovation Journal</i> 11 (12): 4986-4989	2349-8242
40	Ingle Jagdish Dilip, V.V. Bhagat and M.S. Jadhav	Effect of different organic fertilizer on growth and yield of brinjal (<i>Solanum Melongena</i> L.) cv. Manjari Gota	<i>The Pharma Innovation J ;</i> 11 (12): 4404-4407	2349-8242
41	Sasane MP, V.V. Bhagat and Jadhav M.S.	Effect of spacing and training levels on growth and reproductive parameters of capsicum (<i>Capsicum annum</i> L.) variety Indra grown under polyhouse	<i>The Pharma Innovation J ;</i> 11 (12): 4084-4086	2349-8242
42	Sasane MP, V.V.Bhagat and Jadhav M.S.	Response of different plant densities and training on yield and quality of capsicum (<i>Capsicum annum</i> L.) variety Indra under polyhouse condition	<i>The Pharma Innovation J ;</i> 11 (12) ;4087-4089	2349-8242
43	Lokhande A.D., M.S. Dadke, T.S. Godhavale, R.S. Chandurkar, R.K. Jyotika and M.S. Mahajan	Bio efficacy of different bioagents against <i>Colletotrichum lindemuthianum</i> causing anthracnose of cowpea in <i>in vitro</i> conditions	<i>The Pharma Innovation Journal.</i> 11 (12):4907-4909	2349-8242
44	Lokhande A.D., M.S. Dadke, T.S. Godhavale, R.K. Jyotika and B.D. Deokar	Efficacy of different fungicides against <i>Colletotrichum lindemuthianum</i> causing anthracnose of cowpea	<i>Indian Journal of Agriculture and Allied Sciences.</i> 8 (4): 254-260	2349-8242
45	Satyadev Prajapati, M. S. Dadke, S. Surekha, S. Godika and V. Prasanna Krishna	Isolation and Characterization of <i>Rhizobium meliloti</i> Isolated from Rhizosphere Soil and Roots of Fenugreek from Different Locations	<i>Int.J.Curr.Microbiol.App.Sci.</i> 7 (06): 1460-1467.	2278-4136
46	Motapalukula Jyothi, Tambe TB, Khandare VS, Shinde VN, Syed Ismail and Shinde GU	Effect of grafting on chlorophyll characteristics in brinjal grafted on <i>Solanum torvum</i> under salt affected conditions	<i>The Pharma Innovation Journal</i> 11 (9): 1832-1838	2349-8242
47	Palekar AR, Tambe TB and Ghormade GN	Effect of induced mutagenesis on growth, flowering and quality of chrysanthemum varieties in M1 generation	<i>The Pharma Innovation Journal</i> 11 (2): 741-744	2349-8242
48	Palekar AR, Tambe TB and Ghormade GN	Growth and flowering of chrysanthemum varieties influenced by induced mutagenesis in M1 generation	<i>The Pharma Innovation Journal</i> , 11 (2): 737-740	2349-8242

List of Books published -04

Sr. No.	Name of the Faculty	Year of Publications	Title of Books / Chapter in Book /Abstract / Popular articles/ Number of Project handled/ Varieties released / Research recommendation	Remarks
1	Angad Garde, Baslingappa Kalalbandi DattaMhetre	2019	Influence of Different Growing Conditions on Leafy Vegetables	LAMBERT Academic Publishing 978- 613-9-45955-1
2	Baslingappa Kalalbandi Onkar Patil	2019	Studies on Foliar Application of Chemicals on Pomegranate Flowering, Yield, Quality in <i>Hasta Bahar</i>	LAMBERT Academic Publishing 978-620-4-71935-1
3	Anshul Lohakare, Vaishali Bhagat and Vijay Dod	2020	Genetic Variability in Brinjal	LAP Lambert Academic Publishing Group, 17 Meldrum Street, Beau Bassin 71504 Mauritius, ISBN:978-620-2-78832-8.
4	Dr.G.M.Waghmare	2021	Ropwatika Vyavasthapan	ISBN-978-93-93819-7-9

Chapters contibuted in Books published -03

Sr. No.	Name of the Faculty	Year of Publications	Title of Books / Chapter in Book /Abstract / Popular articles/ Number of Project handled/ Varieties released / Research recommendation	Remarks
1	G.M.Waghmare,R.N.Gawade and S.B.Pavane	2022	Advances in Agricultural Sciences .Post Harvest Losses In Fruits.pp93-109	Akinik publication,New Delhi 978- 93-5570-32-7
2	S.V.Dhutraaj,G.M.Waghmare and R.N.Gawade		Impact of climate change on fruit crops pp 110-132	
3	R.N.Gawade,G.M.Waghmare and S.V.Dhutraaj	2022	Advances in Hrticulture .Plant growth regulators in Fruits crops.pp79-94	Akinik publication,New Delhi 978- 93-5570-31-5

List of abstract published-08

1	Barkule, S.R. A.S. Lohakare and T.B. Tambe (2019). Influence of different chemical substances on yield and economics of Sapota cv. Kalipatti. <i>22nd National Conference of Maharashtra Agril. Economics, VNMKV, Parbhani-</i> December 21-22, 2019: pp103.
2	Anshul S. Lohakare, V.N. Shinde, M. Jyothy and T.B. Tambe (2021). Improved fruit retention and yield by exogenous application of chemicals in mango (<i>Mangifera indica</i> L.) cv. Kesar. <i>3rd International Conference on Global initiatives in agricultural, forestry and applied sciences-</i> October 17-18, 2021:pp 295.
3	V.V. Bhagat, S.S.Najeer and A.S. Lohakare (2021). Effect of spacing and leaf cuttings on leaf and seed yield of spinach. <i>3rd International Conference on Global initiatives in agricultural, forestry and applied sciences-</i> October 17-18, 2021: pp 540.
4	A.S. Lohakare, V.V. Bhagat and S. Ambrish (2021). Influence of different chemicals on yield and quality of mango cv. Kesar. <i>3rd International Conference on Global initiatives in agricultural, forestry and applied sciences-</i> October 17-18, 2021: pp 553.
5	V.V.Bhagat, M.P.Sasane and S.P. Solanke (2018) Studies on Effect of Spacing and Training Levels on Growth and yield of capsicum (<i>Capsicum annum</i> L.) Variety Indra under Polyhouse condition. ICAASTASD- 10,11.
6	V.V.Bhagat, A.S. Lohakare, T.B.Tambe, Effect of different levels of fertilizers and its application on growth, yield, quality of strawberry under polyhouse. ETBAS 4 to 7 Nov.21.
7	Manisha Jadhav and V. V. Bhagat, Effect of spacing and pinching on green yield of fenugreek (<i>trigonella foenum-graecum</i> L.) Phule kasturi. OCAEBGD- 2022 October 29-31,2022
8	V.V. Bhagat, Saba Shaikh Najeer Effect of spacing and leaf cuttings on leaf and seed yield of spinach (<i>Beta vulgaris</i> L.) All green. GIAFAS- 2021

Practical manuals prepared -11

Sr. No.	Course No.	Course Title	Credits
1	H/FS-111	Fundamentals of Horticulture	2+1
2	H/FS-247	Dry land Horticulture	1+1
3	H/PHT 231	Food and Nutrition	1+1
4	H/FS-233	Tropical and Subtropical Fruits	2+1
5	H/MAP-351	Medicinal and Aromatic Crops	2+1
6	H/VS-121	Potato and Tuber Crops	0+1
7	H/VS-356	Breeding of Vegetables, Tubers and Spice Crops	1+1
8	H.VS- 367	Seed production of Tropical and Subtropical crops	1+1
9	H/PATH-231	Fundamentals of Plant Pathology	1+1
10	H/PATH-364	Mushroom Production Technology	0+1
11	H/PATH-363	Diseases of Vegetables, Ornamentals and Spice Crops	2+1

Popular articles -13

Popular Articles	
1.	Lohakare, A.S., B.M. Kalalbandi and T.B. Tambe (August, 2018). 'Amba baget Paclobutrazolcha Wapar' Shetibhati magazine, August, 2018.
2.	Lohakare, A.S., T.B. Tambe and V.V. Bhagat . (July, 2019) 'Falbag Lagwad Va Vyavasthapan Tantradnyan' Agroworld Magazine.
3.	Lohakare, A.S. and V.V. Bhagat (August 2021). 'Pavsali Hangamat dalimb va limbuvargiya falpikanche vyavasthapan' Shetibhati Magazine.
4.	Lohakare, A.S., S.R. Barkule and G.M. Waghmare (May 2022). 'Falbagh Ropvatikeche Vyavasthapan' Shetibhati Magazine.
5.	Waghmare,G.M and S.J.Syed (May 2022). 'Phalbag lagwad niyojan purva tayari' Shetibhati Magazine.
6.	Waghmare,G.M., V.G.Magar and S.J.Syed (June 2022). 'Kharif bhajipala lagwad tantradnyan' Shetibhati Magazine.
7.	Waghmare,G.M and S.V.Dhutraaj (July 2022). 'Keli lagwad tantradnyan' Shetibhati Magazine.
8.	Waghmare,G.M.,V.G.Magar and S.R.Parke (Sep. 2022). 'Rabi bhajipala lagwad tantradnyan' Shetibhati Magazine.
9.	Lohakare, A.S., G.P. Jagtap and G.M. Waghmare (October 2022). 'Limbuvargiya falpikatil citrus greening rogache vyavasthapan' Shetibhati Magazine.
10.	Waghmare,G.M., and S.J.Syed (Nov. 2022). 'Amba moharache savrakshan' Shetibhati Magazine.
11.	Waghmare,G.M., S.J.Syed and S.A.Jawale. (Nov. 2022). 'Rabi kanda lagwad' Shetibhati Magazine.
12.	Waghmare,G.M., S.J. Shinde and N.H.Chavan (February 2023). 'Tarbuj ani kharbuj lagwad tantradnyan' Shetibhati Magazine.
13.	Waghmare,G.M., S.J. Shinde and N.H.Chavan (February 2023). 'Tarbuj ani kharbuj lagwad tantradnyan' Shetibhati Magazine.

Participation in Seminar/Symposia/Short course/Winter or Summer school -22

1 January 2018 to 31 March 2019					
Sr. No.	Name of participant	Title of National/ International seminars/ symposia/workshop/training/consultancy visits/special assignment etc.	Duration with date	Place	
1	Dr. A.S. Lohakare	Massive Open Online Course (MOOC) on 'Dynamics of Teaching-Learning'.	01.11.2018 to 30.11.2018 (30 days)	Hyderabad (India)	ICAR- NAARM, Hyderabad-India
2	Dr.V.V.Bhagat	Dynamics of Teaching Learning	4-25 Oct.2018 (21 days)	Online mode Parbhani	NAAAR, Hyderabad
1 April 2019 to 31 March 2020					
1	Dr. B.M.Kalalbandi	Role of technologies in food processing and preservation	14-19 July 2019 (05 days)	Parbhani	VNMKV, Parbhani
2	Dr. B.M.Kalalbandi	Employment generation in rural youth through agripreneurship	30 July 2019 (6 Week)	Parbhani	IIT,Kanpur, BAU,Sabour and CWL,Canada
3	Dr. A.S. Lohakare	Massive Open Online Course (MOOC) on 'Teaching Excellence'.	01.11.2019 to 30.11.2019 (30 days)	Hyderabad (India)	ICAR-NAARM, Hyderabad-India
4	Dr. A.S. Lohakare	22nd National Conference of Maharashtra Society of Agricultural Economics.	21-22 December, 2019 (02 days)	Parbhani (MS)	Dept. of Agril. Economics, VNMKV, Pabhani.
5	Dr. B.M.Kalalbandi	e-Extension	3 Dec.2019 (6 Week)	Parbhani	IIT,Kanpur, BHU,Varnasi and CWL,Canada
6	Dr. B.M.Kalalbandi	Teaching Excellence	1-30 Nov.2019 (30 days)	Parbhani	NAAAR, Hyderabad
7	Dr. A.S. Lohakare	International workshop on Digital farming practices by Agri-bots, Agri-drones and Agri-AGVs.	13.03.2020 to 15.03.2020 (02 days)	Pabhani (MS)	NAHEP-CAAST, VNMKV, Parbhani.
1 April 2020 to 31 March 2021					
1	Dr. A.S. Lohakare	Training program on "Recent Trends in Academic Writing".	20.05.2020 to 24.05.2020 (One week)	Pabhani (MS)	University Library and Dept. of Extension Education, VNMKV, Parbhani
2	Dr. B.M.Kalalbandi	Recent trends in Academic writing	20-24 May 2020 (04 days)	Parbhani	VNMKV, Parbhani

3	Dr. A.S. Lohakare	National webinar on 'Under-utilized Crops for Augmenting Farmers Income in Abiotic Stress Regions'.	10.08.2020	Baramati, Pune (MS)	ICAR- NIASM, Baramati, Pune.
4	Dr. B.M.Kalalbandi	CAD for landscaping	30 Aug-9 Sep.2020 (10 days)	Parbhani	UHS, Bagalkot
5	Dr. B.M.Kalalbandi	Advances in Moringa Farming	25-28 Sep.2020 (03 days)	Parbhani	TNAU,Pericullum
6	Dr. A.S. Lohakare	International Webinar: 'Harnessing the potential of tropical tuber crops under changing climate'.	27.10.2020	Kerala (India).	ICAR- CTCRI, Thiruvananthapuram , Kerala (India).
7	Dr. B.M.Kalalbandi	Psychology of learning	1-15 May,2020 (15 days)	Parbhani	NAAAR, Hyderabad
1 April 2021to 31 March 2022					
1	Dr. A.S. Lohakare	Online certificate course on "Food Processing and Automation" .	02.08.2021 to 14.08.2021 (14 days)	Pabhani (MS)	NAHEP-CAAST, VNMKV, Parbhani.
2	Dr. A.S. Lohakare	Online E-Course programme on "Advance Hydroponics & Polyhouse Automation".	04.10.2021 to 16.10.2021 (14 days)	Pabhani (MS)	NAHEP-CAAST, VNMKV, Parbhani.
3	Dr. A.S. Lohakare	National Symposium (IPS-WZ, New Delhi).	17-18th November, 2021 (02 days)	Latur (MS)	VNMKV and Indian Phytopathological Society at COA, Latur.
4	Dr.V.V.Bhagat	Advance Hydroponics and polyhouse Automaiton	4-16 Oct-2021 (12 days)	Parbhani	NAHEP, VNMKV, Parbhani
1 April 2022 to 31 March 2023					
1	Dr. A.S. Lohakare	Workshop on Intellectual Property Rights (IPR) and Patents, Designs filing.	29th August, 2022	Pabhani (MS)	NAHEP-CAAST, VNMKV, Parbhani.
2	Dr. A.S. Lohakare	Massive Open Online Course (MOOC) on ' Digital Assessment and Evaluation Methodologies '.	01.09.2022 to 30.09.2022 (30 Days)	Hyderabad (India)	ICAR- NAARM, Hyderabad-India
3	Dr. A.S. Lohakare	Workshop cum training on 'Effective E-Content Development For Education in Agriculture'.	21st to 22nd November, 2022 (02 days)	Pabhani (MS)	NAHEP-CAAST and COA, Parbhani

College staff guided M.Sc./Ph.D. horticulture students -35

Sr. No.	Name of the student	Degree	Passed out year	Present status of student
Dr. G.M.Waghmare				
1.	Pavhane S. B.	Ph.D.	2022	Teaching Associate (Contractual)
2.	Babar R. R.	PG	2019	SRF
3.	Shelke P.B.	PG	2022	Relationship manager in ICICI Bank
4.	Jadhav Sonam	Ph.D	Pursuing	Ph.D. in Veg. sci.
5.	Prakruti T.	PG	2023	M.Sc. in Fruit science
6.	Asha Bahadure	PG	2018	M.Sc. Fruit Science
7.	Pooja Mulchand Chavhan	PG	2018	Head of Administrative officer since @ My Tayaari Institute
8.	Vijay Pundlik Damodhar	Ph.D	2020	Assistant Professor @BSKKV, Dapoli
9.	Pooja Gharate	PG	2020	Ph.D. in Fruit. sci.
10.	Basir Ahmad Ahmadi	PG	2020	Lecturer @Samangan Institute of Higher Education, Samangan-AF
11.	Amrapali Sharadrao Gunjkar	PG	2019	Working as Junior Research Assistant at VNMKV, Parbhani
12.	Madhavi Balkdas Bhaladhare	Ph.D	2020	Working as a Assistant Professor in College of Agriculture, Naigaon
13.	Aditi Ajit Deshmukh	PG	Pursuing	M.Sc. Fruit Science
Dr. T.B.Tambe				
14	Anshul Subhashrao Lohakare	Ph.D.	2022	Assistant Professor at VNMKV, Parbhani
15	Akshay Shivaji Borate	PG	2017	M.Sc. Fruit Science
16	Karan Pralhad Jadhav	PG	2018	Assi.Prof. at VNGCOA, Nehrunagar, Kandhar, Nanded
Dr. B.M.Kalalbandi				
17	Patil Onkar Balasaheb	PG	2022	JRA @ Oilseed Specialist Oilseed Research Station latur.
18	Rahul Joundale	PG	2021	Assistant Agriculture Officer, Govt. Of Goa
Dr.S.R.Barkule				
19	Manoj G S	PG	2021	M.Sc. Vegetable Science
20	Raees Mohammad	PG	2023	M.Sc. Fruit science
21	Hange Pradip Ramdas	PG	2019	Ph.D in Vegetable Science. at PDKV
22	Sujit Bhaskar Panghate	PG	2020	Territory manager at Godrej Agrovate Ltd
Dr.V.V.Bhagat				
23	Akasha Shrimantamalleda	PG	2022	M.Sc. Floriculture
24	Chandana B	PG	2023	M.Sc. Floriculture
25	Manisha Shivaji Jadhav	PG	2023	Ph.D. in Veg.Sci. at MPKV
26	Adsure Deepak Dattatray	Ph.D.	Persuing	Ph.D. Floriculture
27	Jagadish Dilip Ingle	PG	2021	M.Sc. Vegetable Science
28	Vijay Subhash Dhepe	PG	2020	Marketing manager @ Bio-stadt India Limited
29	Saba Sheikh Najeer	PG	2021	M.Sc. Vegetable Science
Dr.S.R.Wankhede				
30	Minakshi Ramdas Panherkar	PG	2021	M.Sc. Fruit Science
Dr.A.S.Lohakare				
31	Rakshita Jayant Nikam	PG	2021	Ph.D(Fruit Science) at BSKKV, Dapoli




32	Ambrish S	PG	2022	Ph.D(Fruit Science) at UHS. Bagalkot
33	Y N Vinutha	PG	Pursuing	M.Sc. Vegetable Science
34	Ghughe Nutan Babarao	PG	Pursuing	M.Sc. Fruit Science
35	Sasane Pratiksha Ashok	PG	2022	Ph.D(Fruit Science) at VNMKV, Parbhani.



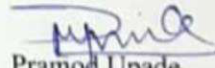

Variety released – 01**Joint AGRESCO-2019 held at MPKV, Rahuri****Crop – Tomato Var. Parbhani Tomato****Research recommendations in Joint AGRESCO – 09**

1. In Marathwada region for higher yield, net monetary return and water use efficiency of summer okra, it is recommended to schedule alternate day drip at 80 % of crop evapotranspiration through inline lateral laid at the centre of raised bed having width of 90 cm and two rows of okra sown at the spacing of 60 cm x 30 cm and covered by 30 micron silver black polythene mulch. (Joint AGRESCO-2019 held at MPKV,Rahuri).
2. Scheduling of drip irrigation at 80% of crop evapotranspiration at alternate day through inline lateral laid at the centre of raised bed having top width of 90 cm and two rows of tomato sown at the spacing of 60x60 cm and covered by 30 micron silver black polythene mulch is recommended in Marathwada region for realising higher fruit yield and net monetary returns of rabi tomato. (Joint AGRESCO-2019 held at MPKV,Rahuri).
3. For higher curd yield and net monetary returns of summer cabbage in Marathwada region it is recommended to schedule alternate day drip irrigation at 80 % crop evapotranspiration through inline lateral laid at the centre of the bed having two rows of cabbage planted at spacing of 50x45 cm and drip fertigation of 120:60:60 N,P₂O₅,K₂O kg ha⁻¹ with N, P₂O₅,K₂O in 8 equal splits @ 15 kg N, 7.5 kg P and K at an interval of 10 days from transplanting to 80 days after transplanting.. (Joint AGRESCO-2019 held at MPKV, Rahuri).
4. For higher bulb yield and net monetary returns of summer onion in Marathwad region, it is recommended to schedule alternate day drip irrigation at 60 % crop evapotranspiration through inline lateral laid at the centre of raised bed having six rows of onion palanted at the spacing of 15x7.5 cm and drip fertigation of 80:40:40 N,P₂O₅,K₂O kg ha⁻¹ with N, and ,K₂O in 10 equal splits @ 8 kg and 4 kg, respectively and P₂O₅ in 5 equal splits @ 8 kg ha⁻¹ at an interval of 7 days from transplanting to 70 days after transplanting.. (Joint AGRESCO-2020 held at Dr PDKV, Akola-2020)

5. Turmeric seedlings prepared through rhizome cuttings having one eye bud raised in cocopeat is recommended for cost effective cultivation of turmeric (Joint AGRESCO-2020 held at Dr PDKV, Akola-2020).
6. On the basis, earliness, yield, curcumin content and maximum monetary return, Selam variety of turmeric was found highest among the rest of varieties of turmeric, hence Selam variety is recommended for cultivation under Marathwada condition (Joint AGRESCO-2020 held at Dr PDKV, Akola-2020)
7. For maximum yield and economic returns of banana recommended (200:160:200) dose of 70% water soluble fertilisers with given schedule is applied through drip is recommended under Marathwada region. (Joint AGRESCO-2021 held at Dr BSKKV, Dapoli)
8. Cultivation of Carom seed (Ajwain)cv.AA2 is recommended for gaining higher yield and net return in Marathwada region during *Rabi* season. (Joint AGRESCO-2021 held at Dr BSKKV, Dapoli)
9. Cultivation of Fennel (Sunf) cv.AF-1 is is recommended for gaining higher yield and net return in Marathwada region during *Rabi* season. (Joint AGRESCO-2021 held at Dr BSKKV, Dapoli)

Feedbacks from Students/ Parents/ Industrial Placement Industry

 AGROTECH Agro Producer Company Limited	AGROTECH AGRO PRODUCER COMPANY LIMITED CIN No.: U01114MH2016PTC285695 GST No. 27AAOCA7855J1Z0 Gangapur - Chinchollrao Main Road, Gat No. 178, Khandapur, Tq. Dist - Latur - 413 512 E-mail : agrotechagro2016@gmail.com Mob. : +91 94211 94999 / +91 94219 92999
Ref. No. :	Date : 26/08/2023
<p>To, The Professor and Officer Incharge, College of Horticulture, VNMKV, Parbhani.</p>	
<p>Sub:- Thank you for deputing IV year B.Sc. (Hons.) Horticulture students for Industrial Training</p>	
<p>Respected sir,</p>	
<p>We are thankful to The College of Horticulture , Vasantnao Naik Marathwada Krishi Vidhyapeeth , Parbhani for deputing IV year B.Sc. (Hons.) Horticulture students for Industrial Training for the period of two months from 1 September to 30 December 2022.</p>	
<p>The deputed students have completed the training for production of horticultural crops like fruit plants and their grafting techniques also their pest and disease management. During the internship students were found sound in handling The intellectual disabled, their knowledge was commendable.</p>	
<p>They delivered beyond expectations and their skill have left a lasting impression on us. Once again, we are thankful to you for assigning your students In our industries.</p>	
<p>With Regards,</p>	 Agrotech Agro Producer Co. Ltd. Latur
 AGROTECH AGROTECH AGROTECH AGROTECH AGROTECH AGROTECH	

 <i>Each and every seed is a promise.....!</i>	DSIR Approved Company Ellora Natural Seeds (P) Ltd. 9/10, Om Apartment, Vidya Nagar, Aurangabad (M.S.) India. Ph.: 0240 - 2040404 Mob.: 7768005388 E-mail : elloraseed@gmail.com Website : www.elloraseed.com	
GST No.: 27AACCE9194Q1ZQ	CIN NO.: U01403MH2011PTC217992	
R.No.ENSPL/HR-ADMIN/TRAINEE/21	Date: 31st Dec, 2022	
To, The Professor and Officer Incharge, College of Horticulture, VNMKV, Parbhani.		
Sub:- Thank you for deputing IV year B.Sc. (Hons.) Horticulture students for Industrial Training		
Respected sir,		
We are thankful to The College of Horticulture , Vasantao Naik Marathwada Krishi Vidhyapeeth , Parbhani for deputing IV year B.Sc. (Hons.) Horticulture students for Industrial Training for the period of two months from 1 st September to 30 th December 2022.		
The deputed students have completed the training for production of horticultural crops like fruit plants and their grafting techniques also their pest and disease management. During the internship students were found sound in handling The intellectual disabled, their knowledge was commendable.		
They delivered beyond expectations and their skill have left a lasting impression on us. Once again, we are thankful to you for assigning your students In our industries.		
 Pramod Upade HR Manager, Ellora Natural Seeds Pvt Ltd, Aurangabad		
		
Bank A/c. 1) Ellora Natural Seeds Pvt. Ltd. Bank : IDBI Bank :- A/c. No.: 0076102000038702 IFSC CODE : IBKL0000076 Bank A/c. 2) Ellora Natural Seeds Pvt. Ltd. Bank : Bank of Maharashtra :- A/c. No. : 60092881051 IFSC CODE : MAHB0001578		

Date.
27.10.2022.

Riyaz Saheblal Pathan.
Post Andora Tal:- Kallam
Dist Osmanabad.
M.No- 9423523764 / 8888608181.

Enquiry about Tamarind plants growth of
& fruit & delay in growth of fruit.

Date.
03/02/2023

लिंवाजी शेखराव मरगाळ
रा. मरगाळवाडी ता. सोनपेठ जि. परभणी
मो.नं. 9673816364
केदार डांबा भागवडी नंतर खेत व्यवस्थापन व
क्रिक व्यवस्थापन यांची माहिती घेणे कामी

श्री प्रभाकराव लक्ष्मणराव देशमुख
रा. पान्हेळेगाव ता. जिंजुर जि. परभणी
मो.नं. 9960379482
मोसंकी व जाव (पेरु) व.प.व.स.ह
शेती व्यवस्थापन माहिती घाही घेणे.

16/08/2024

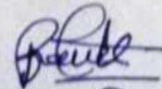
प्रति,
प्राचार्य

उद्मानविद्या महाविद्यालय
न. ना. म. क. वि. परभणी

विषय - विद्यार्थी प्रगल्भी वाक्य.
महोदय,


बदिल विषय असून अनुसूचित क्षेत्री उद्योगात येतो
की. मी भगवानराव इशाल, डा. नांदगाव, ता/ जि.
परभणी येथील रहिवासी आहे.

आपणात कळविण्यात येते की, आपला पाठ्य
दिपक भगवानराव इशाल आपल्या उद्मानविद्या महाविद्यालय
परभणी येथून उत्तीर्ण झाला आहे. माझ्या मुलामुल्य
अंतिम शाळा वया वेळीस शास्त्रीय, अभ्यास कुशळीची
क्षमता उत्तम होती. परंतु आपल्या महाविद्यालयामध्ये
अतिशय दुर्भार व उच्च शिक्षण साध्यापद्धतीमुळे मर्यादा मुलामध्ये
दोषांमुळे वेळीस शास्त्रीय पाठ्य वेळीस उच्च शिक्षण वेळीस
शाळा त्यावेळीस कि सर्व साध्यापद्धतीचा भाषा आभास
अहे. माझ्या मुलामुल्य पुढील जीव युक्त शास्त्रीय
भारत त्यासाठी कामक्षय!



आपणा विश्वास

भगवानराव इशाल
डा. नांदगाव ता. जि. परभणी



महाराष्ट्र शासन मान्य व नॅशनल हॉर्टिकल्चर बोर्ड (NHB) नामांकन प्राप्त

LI.No.08/2009

छत्रपती हॉर्टिकल्चर नर्सरी

At Raipur, Tq. Partur Dist. Jalna (MS) 431501

✉ abhayagrotech@gmail.com

☎ 9021039999

Outward No.- _____ Date- 14/11/2022

To
Principle
College of Horticulture
VNMAU Parbhani


**Subject - Thank you for deputing Placement of IV-Year B.Sc. (Hons.)
Horticulture Students for Implant Training.**

Respected sir/Madam

We are thankful to the college of Horticulture **Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani** for Deputing Placement of IV-Year B.Sc.(Hons.) Horticulture degree VII (New) sem. The students sent by us for the period of two months from 11th August 2022 to 12th October 2022 have worked well under the Agro Industrial Attachment (AIA) Programmer for intershipment or direct work. And provided real work experience. We trained them very well.

If your college gives the opportunity, we will help the students we refer to become entrepreneurs in a nursery business by imparting nursery Management training.

Once again, we are thankful to you for assigning your students at **Chhatrapati Horticulture Nursery Raipur Tq Partur dist Jalna.**



Abhaykumar

With regards

Abhay Kalunke. (Udyan Pandit)
Chhatrapati Nursery
Contact no-9021039999

INFRASTRUCTURAL FACILITIES



COLLEGE BUILDING



PRACTICAL LABORATORY



INSTRUCTIONAL FARM



POLY HOUSES

GLIMPSES OF COLLEGE ACTIVITIES



MANISHA JADHAV RECEIVED GOLD MEDAL IN THE CONVOCATION PROGRAMME



CULTURAL ACTIVITIES



UMED PROGRAMME



EDUCATION TOUR



BASKET BALL TEAM (BOYES)



**RECEIVED GOLD MEDAL IN KHO
KHO COMPETATION**



BASKET BALL TEAM (GIRLS)



**RECEIVED SILVER MEDAL IN
BASKET BALL COMPETATION**



GOLD MEDAL IN MIME COMPETATION



SHIV JAYANTICELEBRATION



SKILL ORIENTATION PROGRAMME



NSS-BLOOD DONATION CAMP



ELP ACTIVITIES



HAR GHAR TIRANGA PROGRAMME



**HEARTFULNESS PROGRAMME,
KANNANVANAM, HYDERABAD**



CLEANING HOSTEL PREMISES



DR. BABASAHEB AMBEDKAR JAYANTI



TREE PLANTATION UNDER NSS

6.5.9 Certificate

I, Dr. V.S. Khandare, the Associate Dean & Principal, College of Horticulture, VNMKV, Parbhani hereby certify that the information contained in the Section 6.4 and Section 6.5.1 to 6.5.7.4 are furnished as per the records available in the College of Horticulture, VNMKV, Parbhani.



**Associate Dean & Principal
College of Horticulture,
VNMKV, Parbhani**