



### **Preface**

College of Agriculture, Ambajogai is one of the important constituent College of Vasantryao Naik Marathwada Krishi Vidyapeeth, Parbhani. It was established in the year 2000 to cater the need of students in undergraduate degree programme for B. Sc. (Agri) degree.

The various activities including admission, education, examination, evaluation, research, budget, student development, campus development activities, seed production and faculty development etc. carried out in academic year is embodied in the annual report of the college.

The annual report of College of Agriculture, Ambajogai for the year 2018-19 illustrate all the activities carried out in the college by faculty and students.

Associate Dean & Principal  
College of Agriculture, Ambajogai

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**ANNUAL REPORT 2018-19****1. About college:**

College of Agriculture, Ambajogai is a constituent college of Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani which is established in the year 2000 by the Govt. of Maharashtra to cater the need of agriculture education at graduation level in the region of Marathwada.

The college has self content campus spread over an area of 42 ha comprising the college building, hostel for boys and girls, play grounds, instructional farm, crop cafeteria, demonstration farm, horticultural fruit crops orchard, medicinal and aromatic plant plots, polyhouse and shed net houses, yoga park and college canteen etc.

The college campus is located on the outskirts of the city on Ambajogai-Beed road. College run the graduation programme in agricultural science. Each year 60 students are admitted to the graduation programme through Maharashtra Council of Agricultural Education and Research (MCAER), Pune.

**2. Education:****2.1 Admission process**

There were three rounds of admission + a spot round of UG admission. The admission process was completed from 26/07/2018 to 30/08/2018. The distribution of category wise admitted candidates is given below in (Table 1).

**Table 1. Students admitted to B.Sc. (Agri) during 2018-19**

YEAR	OPEN		SC		OBC		ST		TOTAL		Total
	M	F	M	F	M	F	M	F	M	F	
2018-19	23	07	06	06	11	09	03	00	43	22	65

**2.2 Courses offered:**

The courses offered during the odd semester i.e., I (New and Old), III (New and Old), V (Old) and VII (Old) are listed below with their course teacher and courses offered for summer session for even semester i.e., II (New and Old), IV (New and Old), VI (Old) and VIII (Old) are listed below;

**Table 2. List of courses offered for the Monsoon Session of the academic year 2018-19**  
**a. Semester- I (New)**

Sr. No.	Course No.	Title of the course	Credits	Course Teacher
1	AGRO-111	Fundamentals of Agronomy-1	1+1=2	Dr. Y. M. Waghmare
2	AGRO-112	Introductory Agro-meteorology and Climate change	1+1=2	Dr. P. N. Karanjikar
3	AHDS-111	Livestock Production & Management	1+1=2	Prof. N. S. Kamble
4	EXTN-111	Rural Sociology & Educational Psychology	2+0=2	Dr. Vidya V Tayde
5	HORT-111	Fundamentals of Horticulture	1+1=2	Dr. S. S. Arbat
6	LANG-111	Comprehension & Communication Skills in English	1+1=2	Prof. B D Maske
7	MIBO-111	Introductory Microbiology	1+1=2	Prof. A S More
8	SSAC-111	Fundamentals of Soil Science	2+1=3	Dr. V. G. Takankar
		<b>Total core courses</b>	<b>10+7=17</b>	
9	AGH-111	Agricultural Heritage*1 (Agronomy)	1+0=1	Dr. Y. M. Waghmare
10	BIO-111	Introductory biology*2 (Botany)	1+1=2	Prof. S T Rathod
11	MATH-111	Elementary Mathematics*3	2+0=2	Miss. Mandakini Pawar
12	HVE-111	Human Values & Ethics (Extension)	1+0=1	Dr. Vidya V Tayde
13	DED-111	Democracy, Election and Good Governance	1+0=1	Dr. Vidya V Tayde
14	NCC 111/ NSS 111	NCC / NSS**	0+1=1	Prof. A S More
15	PHEY-111	Physical Education and Yoga	0+1=1	Dr. R Kadam
		<b>Total Credits</b>	<b>14/16+1 0=24/26</b>	

**Table 3. List of courses offered for the Monsoon Session of the academic year 2018-19**  
**b. I (Old) semester**

Sr. No.	Course No.	Title of the course	Credits	Course Teacher
1	AGRO-111	Principles of Agronomy	1+1	Dr. Y M Waghmare
2	AGRO-112	Introductory AgroMeteorology	1+1	Dr. P N Karanjikar
3	AGRO-113	Introductory Agriculture	1+0	Dr. Y M. Waghmare
4	BOT-111	Environmental studies	1+1	Dr. B G Kamble
5	SSAC-111	Introduction to Soil Science	2+1	Dr. V G Takankhar
6	PATH-111	Introductory Plant Pathology	1+1	Prof. A S More
7	HORT-111	Fundamentals of Horticulture	2+1	Dr. S. S. Arbat
8	EXTN-111	Fundamentals of Rural Sociology and Education Psychology	2+0	Dr. Vidya V Tayde
9	ASDS-111	Livestock Production & Management	1+1	Prof. N. S. Kamble
10	LANG-111 (*)	Comprehension & Communication Skills in English	1+1	Prof. B D Maske
11	MATH-111(*)	Deficiency course	1+1	Miss Mandakini Pawar
12	Ph.Edn.- 111(*)	Physical Education	0+1	Dr. R Kadam

**Table 4. List of courses and course teacher for the monsoon session of academic Year 2018-19.****c. Semester- III (NEW).**

Sr. No	Course No.	Title of the course	Credits	Course Teacher
1	AGRO-234	Crop Production Technology-I (Kharif crops)	1+1=2	Dr. Y. M. Waghmare
2	AGRO 235	Rainfed Agriculture and Watershed Management	1+1=2	Dr. P. N. Karanjikar
3	BIOCHM 231	Fundamentals of plant biochemistry and biotechnology	2+1=3	Dr. V. G. Takankar
4	ENGG 232	Farm Machinery and Power	1+1=2	Prof. S. B. Jadhav
5	GPB 232	Fundamentals of Plant Breeding	1+1=2	Dr. B. G. Kamble
6	ENTO 232	Insect Ecology and Integrated pest Management	1+1=2	Dr. P. K. Nalwandikar
7	HORT 232	Production Technology for Vegetables and Spices	1+1=2	Dr. S. S. Arbat
8	PATH 232	Principles of Integrated Disease Management	1+1=2	Prof. A. S. More
9	STAT 231	Statistical Methods	1+1=2	Prof. M. S. Berkile
10	COMP 231	Agri- Informatics	1+1=2	Dr. N. E. Tamboli
11	ESDM 231	Environmental Studies and Disaster Management	2+1=3	Prof. S.T. Rathod
		<b>Total credits</b>	<b>13+11=24</b>	

**Table 5. List of courses offered and course teachers for the III semester (Old) of B. Sc. (Agri) for the Monsoon Session of the academic year 2018-19.****d. Semester- III (Old).**

Sr. No.	Course No.	Title of the course	Credits	Course Teacher
1	AGRO-235	Field Crops-I (Kharif season crops)	2+1=3	Dr. Y. M. Waghmare
2	AGRO-236	Crop Production (I)	0+1=1	Dr. P. N. Karanjikar
3	BOT-233	Principles of plant Breeding	2+1=3	Prof. S. T. Rathod
4	BOT-234	Crop Physiology	2+1=3	Dr. B. G. Kamble
5	PATH-232	Principles of Plant Pathology	1+1=2	Prof. A. S. More
6	ENT-231	Insect Morphology and Systematic	2+1=3	Dr. P. K. Nalwandikar
7	HORT-232	Production Technology of Vegetables and Flowers.	1+1=2	Dr. S. S. Arbat
8	ENGG-232	Introduction to Computer and Applications.	1+1=2	Guestlecturer
9	ECON-232	Production Economics and Farm Management.	1+1=2	Guestlecturer
		<b>Total Credits</b>	<b>12+9=21</b>	

**Table 6. List of courses offered and course teachers for the V semester (Old) of B. Sc. (Hons.) Agri. for the Monsoon Session of the academic year 2018-19**  
**e. Semester- V (Old).**

Sr. No.	Course No.	Title of the course	Credits	Course Teacher
1	AGRO-359	Weed Management	1+1	Dr. P N Karanjikar
2	BOT-356	Principles of Plant Biotechnology	2+1	Prof. S T Rathod
3	PATH-354	Diseases of Horticultural Crops and their Management	2+1	Prof. A S More
4	ECON-354	Agricultural Marketing Trade and Prices	1+1	Prof. M S Berkile
5	EXTN-353	Extension Methodologies for transfer of Agricultural Technologies	1+1	Dr. Vidya V Tayde
6	ASDS-353	Technology of Milk and Milk Products	1+1	Prof. N S Kamble
7	ENGG-353	Farm Power and Machinery	1+1	Prof. S B Jadhav
8	ENTO-353	Crop Pests and stored grain pests and their management	2+1	Dr. P K Nalwandikar
9	SSAC-354	Biochemistry	2+1	Dr. V G Takankhar

**Table 7. List of courses offered and course teachers for the VII semester (Old) of B. Sc. (Agri) for the Monsoon Session of the academic year 2018-19.**  
**f. Semester- VII (Old).**

Sr. No.	Course No.	Title of the course	Credits	Course Teacher
1	RAWE AGRO-4712	RAWE Agronomy	0+2	Dr. P. N. Karanjikar
2	RAWE ASDS-475	RAWE Animal Science & Dairy Technology	0+2	Prof. N. S. Kamble
3	RAWE AGRIL. BOT-478	RAWE Agril. Botany	0+1	Prof. S. T. Rathod
4	RAWE Agril. ECO-476	RAWE Agril. Econ.	0+2	Guest Lecturer
5	RAWE Agril. ENT-475	RAWE Agril. Ento.	0+2	Dr. P. K. Nalwandikar
6	RAWE AgriL. ENGG-475	RAWE Agril. Engin.	0+1	Prof. S. B. Jadhav
7	RAWE EXN EDU-475	RAWE Extn. Edu.	0+2	Dr. V. V. Tayde
8	RAWE HORT-475	RAWE Hort.	0+2	Dr. S. S. Arbat
9	RAWE P. PATH-475	RAWE P. Pathology	0+2	Prof. A. S. More
10	RAWE Soil Science-475	RAWE Soil Science & Agril. Chemistry	0+2	Dr. V. G. Takankhar
11	RAWE RES. Centre	Report on Study of Agril. Res. Centre/KVK	0+2	Dr. V. V. Tayde
12	RAWE AGRO Industry	Report on Study of AgroBasad Industry Enterprise.		
		<b>Total Credits</b>	<b>0+20</b>	

**Table 8. List of courses and course teacher for the summer session of academic Year 2018-19.****a. Semester- II (NEW).**

Sr. No	Course No.	Title of the course	Credits	Course Teacher
		<b>A) Core Courses</b>		
1	AGRO-123	Fundamentals of Agronomy-II	1+1=2	Dr. Y. M. Waghmare
2	BOT-121	Fundamentals of Corp Physiology	1+1=2	Dr. B. G. Kamble
3	ECON-121	Fundamentals of Agricultural Economics	2+0=2	Prof. M S Berkile
4	ENGG-121	Soil and Water Conservation Engineering	1+1=2	Prof. S. B. Jadhav
5	ENTO-121	Fundamentals of Entomology	1+1=2	Dr. N. E. Jayewar
6	EXTN-122	Fundamentals of Genetics	2+1=3	Dr. V. V. Tayde
7	GPB-121	Fundamentals of Genetics	2+1=3	Dr. B. G. Kamble
8	PATH-121	Fundamentals of Plant Pathology	2+1=3	Prof. A S More
		<b>Total core courses</b>	<b>12+7=19</b>	
		<b>B) Non-Gradual Course</b>		
9	<b>FRST-121</b>	<b>Introduction to Forestry</b>	<b>1+1=2</b>	
10	EDNT-121	Educational Tour*	0+1=1	Dr. Vidya V. Tayde
		<b>Total Non-Gradual Courses</b>	<b>1+2=3</b>	
		<b>C) Common Course</b>		
11	EXTN-123	Communication Skills and Personality Developments	1+1=2	Dr. VidyaV Tayde
		<b>Total Common Courses</b>	<b>1+2=3</b>	
		<b>Total (A+B+C)</b>	<b>14+10=24</b>	

**Table 9. List of courses offered and course teachers for the II semester (Old) of B. Sc. (Agri) for the Summer Session of the academic year 2018-19.****b. Semester- II (Old).**

Sr. No.	Course No.	Title of the course	Credits	Course Teacher
1	AGRO124	Water Management including micro irrigation	2+1= 3	Dr.Y. M. Waghmare
2	SSAC-122	Soil chem, soil fertility and nutrient management	2+1= 2	Prof. S.S. Galande
3	ECON121	Principals of Agricultural Economics	2+0= 2	Guest lecturer
4	MIBO-121	Agricultural microbiology	1+1= 2	Dr. S.N. Zagade
5	BOT122	Principles of genetics	2+1= 3	Dr. B. G. Kamble
6	EXTN 122	Dimensions of Agricultural Extension Education	1+1= 2	Dr. V. V. Tayde
7	ENGG-121	Fundamentals of Soil water conservation engineering	1+1= 2	Prof. S.B. Jadhav
8	STAT-121	Statistics	1+1= 2	Guest lecturer
9	NSS-121	National service scheme	0+1=1	Dr. B. M. Kalabandi
		<b>Total credits</b>	<b>13+08= 21</b>	

**Table 10. List of courses offered and course teachers for the IV semester(New) of B. Sc. (Hons.) Agril. for the Summer Session of the academic year 2018-19.****c. Semester- IV (NEW).**

Sr. No.	Course no.	Title of the Course	Credits	Course teacher
1	AGRO-246	Crop Production Technology-II (Rabi crops)	1+1= 2	Dr. Y. M. Waghmare
2	AGRO-247	Farming System and Sustainable Agriculture	1+0= 1	Dr. P. N. Karanjikar
3	AGRO-248	Principles of Organic Farming	1+1= 2	Dr. Y. M. Waghmare
4	AHDS -242	Livestock Breeding and Nutrition	1+1= 2	Prof. N. S. Kamble
5	ECON-242	Agriculture Finance and Cooperation	2+1= 3	Prof. M S Berkile
6	ENGG-243	Renewable Energy and Green Technology	1+1= 2	Prof. S. B. Jadhav
7	ENTO- 243	Pest of Horticultural Crops and their Management	1+1= 2	Dr. N. E. Jayewar
8	GPB- 243	Principles of Seed Technology	1+2= 3	Dr. B. G. Kamble
9	HORT-243	Production Technology for Fruit and Plantation Crops	1+1= 2	Dr. S. S. Arbat
10	SSAC- 242	Problematic Soils and their Management	1+1= 2	Prof. S. S. Galande
11	ELE EXTN-244	Agricultural Journalism	2+1= 3	Dr. V. V. Tayde
12	EDNT- 121	Educational Tour*	0+1= 1	Dr. V. V. Tayde
		<b>Total credits</b>	<b>13+12=25</b>	

**Table 11. List of courses offered and course teachers for the IVsemester (old) of B. Sc. (Agri) for the Summer Session of the academic year 2018-19.****d. Semester- IV (Old).**

Sr. No.	Course no.	Title of the Course	Credits	Course teacher
1	AGRO247	Field crops –II (Rabi crops)	2+1= 3	Dr.Y. M. Waghmare
2	AGRO248	Practical crop production II	0+1= 1	Dr. Y. M. Waghmare
3	BOT-245	Breeding of field and horticultural crops	2+ 1+3	Dr. B. G. Kamble
4	SSAC 242	Manures , fertilizers and Agro chemicals	2+1= 3	Prof. S.S. Galande
5	ASDS 242	Livestock Breeding and Nutrition	1+1= 2	Dr. N.S. Kamble
6	ECON 243	Agriculture Finance and Cooperation	1+1= 2	Guest Lecturer
7	PATH-243	Diseases of filed crop management	2+1= 3	Dr. S.N. Zagade
8	ENTO 242	Insect ecology IPM and beneficial insects	2+1= 3	Dr.P. K. Nalwandikar
9	HORT243	Production Technology for spices, aromatic and medicinal and plantation crops	1+1= 2	Dr. B. D. Kalabandi
		<b>Total credits</b>	<b>13+09=22</b>	



**Table 12. List of courses offered and course teachers for the VI semester (Old) of B. Sc. (Agri) for the Summer Session of the academic year 2018-19.****e. Semester- VI (Old).**

<b>Sr. No.</b>	<b>Course no.</b>	<b>Title of the Course</b>	<b>Credits</b>	<b>Course teacher</b>
1	AGRO 3611	Organic and rainfed farming	1+1= 2	Dr.Y. M. Waghmare
2	AGRO 3610	Farming system and sustainable agriculture	1+1= 2	Dr.Y. M. Waghmare
3	ASDS 364	Sheep Goat Production	1+1= 2	Dr. N.S. Kamble
4	ECON 365	Agri. business management	1+1= 2	Guest Lecturer
5	ENGG 364	Protected Cultivation and post harvest technology	1+1= 2	Prof. S.B. Jadhav
6	ENTO 364	Introductory Nematology	1+1= 2	Dr. N.E. Jayewar
7	EXTN-364	Entrepreneurship development and communication skill	2+0= 2	Dr. V. V. Tayde
8	BOT-367	Principles of seed technology	2+1= 3	Dr. B. G. Kamble
9	HORT 364	Post-harvest Management and Value Addition of Fruits and Vegetables	1+1= 2	Dr. B. M. Kalabandi
		<b>Total credits</b>	<b>10+9=19</b>	

**Table 13. List of courses offered and course teachers for the VIII semester (Old) of B. Sc. (Agri) for the Summer Session of the academic year 2018-19.****f. semester VIII - Module:**

<b>Sr. No.</b>	<b>Title of the course</b>	<b>Credits</b>	<b>Course Teacher</b>
1	Horticulture	0+13	Dr. S. S. Arbat
2	Extension	0+1	Dr. V. V. Tayde
3	Entomology	0+1	Dr. P. K. Nalwandikar
4	Pathology	0+1	Prof. A S More
5	Soil Science	0+1	Prof. V. G. Takankhar
6	Economics	0+1	Dr. S.N. Zagade
7	Physiology	0+1	Prof. B. G. Kamble
	<b>Total credits</b>	<b>0+20=20</b>	

These course credits include both practical and theory lectures in a smart classrooms and well equipped laboratories and on farm practical's.

### 2.3 Work load for the academic staff

The work load of academic staff during odd and even semester is as per ICAR norms as given below for individual teachers. (Table 14)

**Table 14. Work load of individual teachers.**

Sr. No	Name of staff	Work load (hrs)		Total
		Monsoon	Summer	
1	Dr. P. N. Karanjikar	23	20	43
2	Dr.P. K. Nalwandikar	08	10	18
3	Dr. B. G. Kamble	28	20	48
4	Dr. V. G. Takankar	14	18	32
5	Prof. S.B. Jadhav	09	13	22
6	Prof. N. S. Kamble	14	18	32
7	Dr. S. S. Arbat	20	41	61
8	Prof. S. S. Galande	06	06	12
9	Dr. Vidya V. Tayde	23	12	35
10	Dr. Y. M. Waghmare	16	20	36
11	Dr. N. E. Jayewar	08	10	18

### 2.4 Committees in operation related to student admission and welfare

Different committees related to student admission issues and welfare are listed below with the concerned staff member.

**Table 15. Anti ragging committee:**

Sr.No.	Name of the Employee	Designation	Mobile No.
1.	Dr.P.N.Karanjikar	Chairman, Professor (CAS) Agronomy	9421374043
2.	Dr.V.G.Takankhar	Vice-Chairman, Associate Professor of SSAC	9404677351
3.	Prof.N.S.Kamble	Member, Assistant Professor of ASDS	7588568239
4.	Prof. S.T.Rathod	Member, Assistant Professor of Agril. Botany	8668509796
5.	Dr.V.V.Tayde	Member, Assistant Professor of Extn. Education	9923105187
6.	Dr.Y.M.Waghmare	Member, Assistant Professor of Agronomy	9423380554

The committee will be for overall monitoring and prevention of any disastrous incident pertaining to ragging amongst the college students. This committee will enquire the matter judiciously and will recommend constitutional punishment to the guilty student in case of ragging incident.

**Table 16. Vigilance committee:**

<b>Sr. No.</b>	<b>Name of the Employee</b>	<b>Designation</b>	<b>Mobile No.</b>
1.	Dr.B.G.Kamble	Chairman, Associate Professor of Agril. Botany	8668583281
2.	Dr.P.K.Nalwandikar	Vice-Chairman, Associate Professor of Entomology	9421380297
3.	Prof.A.S.More	Member, Assistant Professor of Plant Pathology	9423352487
4.	Prof.S.S.Galande	Member, Assistant Professor of SSAC	8275941894
5.	Prof.S.B.Jadhav	Member, Assistant Professor of Agril. Engineering	7588057166
6.	Prof.S.S.Arbat	Member, Assistant Professor Hostel Warden(Girls)	9974727536
7.	Miss.V.P.Surewad	Member, Agriculture Assistant	9503626635

The vigilance squad will be perpetually vigilant for curbing any kind of dreadful and untoward incident of ragging among the College students. The squad will undertake frequent and sudden visits to the hostels (Boys & Girls), library. Play grounds other places in the College campus/premises. In case of intentional or inadvertent cases of dreadful ragging incidents. If noticed, the squad will officially lodge the complaint against the guilty students to the Chairman of Anti-Ragging Committee for further investigation.

All the concerned should take due care and act accordingly.

1. Chairman of Anti ragging, Vigilance committee: Dr. B. G. Kamble
2. Member of Vigilance committee: Dr. P. K. Nalwandikar
3. Member of Vigilance committee: Dr. S. S. Arbat
4. Member of sport organizing committee: Dr. N. S. Kamble
5. Member of college council: Dr. Y. M. Waghmare
6. Member of food committee for Chatrapati Shivaji Maharaj Jayanti festival: Dr. Y. M. Waghmare

### **3. Examination:**

The students were evaluated for each course credits through midterm examination (20% marks) and final semester end examination (80 % marks). The midterm was conducted by the concerned course teacher while for final semester end examination the paper was common from MAUEB, Pune.

**3.1 Schedule of Examination Cell during the year 2018-19****Table 17. Schedule of Examination**

Year/ Term	Schedule of Examination			Session
2018-19	Mid term	SEPE	SETE	
I	--	--	13.12.2018 -28.12.2018	Monsoon
II	--	11.04.2019- 30.04.2019	02.05.2019-12.05.2019	Summer

**3.2 Staff deputed for examination purpose in affiliated colleges**

Following staff members were deputed as Senior Supervisor to different affiliated private colleges for smooth conduct of examination.

**Table 18. Staff served as Sr. Supervisor at private affiliated colleges.**

Sr. No	Name of Staff	Date	Place
1	Dr. S. B. Jadhav	13.12.2018 - 28.12.2018	Aditya College of Agril. Engineering Beed
2	Dr. Y. M. Waghmare	02.05.2018 – 07.05.2018	KSK College of Food Technology Beed
3	Dr. Y. M. Waghmare	12.11.2018 – 22.11.2018	Aditya College of Biotechnology Beed

Practical examination was conducted by External Examiner and results were sent to academic branch of university.

**3.3 Flying squad**

To have smooth conduct of examination and without unfair means, university appointed the following members of this college in flying squad (Table 19).

**Table 19. Flying squad of the college**

Sr. No.	Name of staff	Date	Place
1	Dr. K. V. Deshmukh	03.05.2019	Aditya College of Agriculture, Beed KSK College of Agriculture, Beed
2	Dr. K. V. Deshmukh	07.05.2019	Aditya College of Agriculture, Beed KSK College of Agriculture, Beed
3	Dr. K. V. Deshmukh	11.05.2019	AlniGadpati College of Agriculture, Osmanabad

**4. Evaluation:**

Papers of semester end theory examination were evaluated at paper evaluation centre of University at Parbhani. Respective subject teachers were deputed to evaluate the answer sheets. Following teachers did the work of paper evaluation at central campus (Table 20)

**Table 20. Paper evaluation by teachers**

Sr. No	Name of Staff	Course No.	Semester	No of papers evaluated
1	Prof. S B Jadhav	ENGG-121 (N) ENGG-364 (O)	II VI	100 100
2	Dr. V. V. Tayde	EXTN-364 (O) EXTN -122 (O)	VI II	100 80
3	Dr. Y M Waghmare	AGRO-3611 (O), AGRO-247 (O) AGH-111 (N)	VI IV I	100 80 60
3	Dr. Y M Waghmare	AGRO-3611 (O), AGRO-247 (O) AGH-111 (N) AGRO-124 (O) AGRO-124 (O) AGRO-235 (N) AGRO-234 (N)	VI IV I II II III III	100 80 60 80 80 60 60

**4.1: Course wise result of college student:**

The course wise result of Ambajogai College students is depicted in table 21.

**Table 21. Course wise result of students**

Name of staff	Course No	Total students	No of students		% of passed	No of students	
			Passed	Failed		First class	Distinction
Prof. S B Jadhav	ENGG-232 ENGG-353	12 61	09 59	03 02	75 97	0 12	0 13
Dr. Y M Waghmare	AGRO-246 AGRO-248	60 60	56 55	04 05	93 92	50 50	06 05
Dr. B M Kalalbandi	AEL HORT-486	35	35	0	100	--	35
Prof. A S More	AEL PATH-486	31	31	0	100	3	28
Prof. S T Rathod	BOT-356	69	44	25	64	6	--
Prof. A S More	PATH-354	67	50	17	75	11	06
Prof. M S Berkile	ECON-354	60	46	14	77	07	03
Dr. Vidya V Tayde	EXTN-353	57	51	06	89	10	04
Prof. N S Kamble	ASDS-353	67	57	10	85	15	--
Dr. P K Nalwandikar	ENTO-353	65	56	09	86	10	04
Dr. V G Takankhar	SSAC-354	65	51	11	82	13	04

Overall performance of the result was satisfactory.

#### 4.2 Final result of graduating student:

Table 22. The final result of graduating student is depicted in.

Number of boys passed	Number of girls passed	Total number of students passed
44	19	63

### 5. Education Related Activities

Other education related activities performed by the academic staff were educational tour and duty at CET-PG

#### 5.1: Educational Tour

Educational tour was arranged for the students of III and V semesters (table 23).

**Table 23. Educational Tour**

Sr. No.	Name of the Staff	Place visited	Remarks
1	Prof. S B Jadhav Dr. N E Jayewar Dr. Vidya V Tayde	NRC, Grapes, Onion and Garlic Research Center, Pune	

#### 5.2 Duties of CET-PG:

Academic staff member of this college performed the duties of either center in charge, education incharge and invigilators to conduct CET for post graduate program of MCAER (Table 24).

**Table 24. Duties of CET-PG**

Sr. No	Name of staff	Worked as
1	Dr. K. V.Deshmukh	Center in charge
2	Dr. V.G.Takankhar	Education incharge
3	Dr. Y. M.Waghmare	Invigilator

### 6. Research Experiment at College farm:

Dr. B G Kamble and Prof. S T Rathod completed sowing of sunflower, sesamum, pigeon pea, finger millet, groundnut and jowar for observing and evaluating genetic diversity in mentioned crops.

### 7. Library updates:

The subjectwise number of books available in the library is listed in table 22.

**Table 25 Library books**

Sr. No	Subject	No of books
1	Agronomy	652
2	Horticulture	668
3	Engineering	245
4	Entomology	489
5	Soil Science	301

6	Plant Pathology	525
7	Dairy Science	191
8	Extension	133
9	Language	71
10	Agricultural Botany	594
11	Agricultural Economics	149
12	Others	74
13	Competitive	105
14	General	273
15	Without accession no	1054
	<b>Total</b>	<b>5524</b>

Daily Newspapers available in library : **06**  
 Magazines : **05**  
 Library user's student : **218**  
 Library user staff : **16**

### 8. Sports:

Academic staff members were involved in students' sports activities (table 26) where they helped and trained students in their respective games

**Table 26. Sports incharge**

<b>Name of staff</b>	<b>Worked as</b>
Dr. V G Takankhar	In-charge kho-kho
Dr. P K Nalwandikar	In-charge volley ball
Prof. S B Jadhav	In-charge cultural events
Prof. S SGalande	In-charge running
Prof. N S Kamble	In-charge table tennis
Dr. Y M Waghmare	In-charge badminton

### 9. Budget:

**Table 27. Sanctioned budget**

<b>Head</b>	<b>Sanctioned</b>	<b>Expenditure</b>	<b>Balance</b>
Pay & Allowances	26858000/-	22129742/-	4728258/-
Contingency	1073000/-	1124640/-	-51640/-
Revenue	2000000/-	2145450/-	-145450/-
Seed Revolving Fund	180000/-	178588/-	1412/-
NTS	432000/-	432000/-	--

### 10. Revenue generating activities:

#### 10.1 Seed production programme

The following seed production programme was implemented (table 28) for breeder, foundation and truthful seed production and the produce was deposited to seed production unit of University which was a source of revenue generation in the University.

**Table 28. Seed Production:**

Sr. No	Name of the crop	Area (ha)	Variety	Stage	Production (qt)
<b><i>Kharif</i></b>					
1	Jowar	2.00	PVK.801	Breeder	35.00
2	Soyabean	10.00	MAUS-158	Breeder	9.00
<b><i>Rabi</i></b>					
1	Sorghum	2.00	Parbhanimoti	Breeder	1
2	Safflower	3.00	PBNS 12	Breeder	1
				<b>Total</b>	<b>46.00 qt</b>

**a. Revenue generated from different auctions:**

The revenue generated from water pond auction for fisheries, grass on the bunds, educational fees, horticulture produce was Rs.1168211/-

**11. Activities related to students:****11.1 NSS activities:**

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

**Table 29. NSS activities.**

Date	Activity	Number of students
12 Jan 2018	National Youth Day celebration	76
26 Jan 2018	Republic Day celebration	54
8 March 2018	International Women Day celebration	48
31 May 2019	World no tobacco day	71
5 Jun 2019	World Environment Day celebration	127

**11.2 Celebration of anniversaries:**

Birth and death anniversaries of important leader and social reformers were celebrated in the college.

**Table 30. Anniversaries**

Date	Birth and death anniversary	Number of students
19 Feb 2018	Shiv Jayanti Celebration	251
14 April 2018	Dr. Babasaheb Ambedkar Jayanti and 18 hours study programme	233

**12. Symposium/ conference/seminar attended by academic staff member:**

Following academic staff members attended the seminar/Symposium/conference as shown in table 31.



**Table 31. Symposium/ conference/seminar attended by academic staff members**

Sr. No.	Name of Staff	Conferences / Seminar / Symposia
1	Dr. S. B.Jadhav	National seminar on “Recent Trends in Plant Sciences and Agricultural Research”. Solapur
2	Dr. D. C.Lokhande	International Symposium and IPNI Cooperators Meet on Advancement in Soil, Water and Plant Nutrition Research. Dr. PDKV Akola at Nagpur (M.S.), India.
3	Dr. Vidya V Tayde	National Seminar on “Recent Trends In Plants Sciences and Agricultural Research
		International Conference on “Recent Advances in Food Herbal And Nano Technology
		International conference on advances in agriculture and allied science technologies for sustainable development
4	Dr. Waghmare Y.M.	International conference on advances in agriculture and allied science technologies for sustainable development organized at Osmania university, Hyderabad, Telangana
5	Dr. Jadhav S.B.	National seminar on Recent Trends in Plant Sciences and Agricultural research from 11.01.2018 to 12.01.2018 at Solapur.
		International conference on Recent Advances in Food, Herbal and Nano Technology from 12.01.2018 to 13.01.2018 at Latur.

**13. Research publication:****13.1 In National journals:**

Following academic staff members published below mentioned research papers in National reputed journals (table 32)

**Table 32. Research paper published in National reputed Journals.**

Sr. No.	Name of Staff	Title	Journal
1	Dr. S B Jadhav	1. Moisture dependent physical properties of sorghum (cv-ParbhaniMoti)	Contemporary research in India Special Issue 316-322, Jan 2018. ISSN no 2231-2137.
		2. Sensory evaluation of pearl millet based snack food (kharodi) using Fuzzy Logic	International Journal of current microbiology and applied sciences vol 7 (4): 2144-2154, 2018, ISSN no 2319-7706.
		3. Evaluation of quality parameters, antinutritional factors and sensory evaluation of soy Flour prepared from roasted soybean	The pharma innovation journal-2018 vol 7 (6): 692-696, ISSN: 2277-7695.
		4. Evaluation of quality and sensory parameters of soyflour prepared from boiled soybean	The pharma innovation journal-2018 vol 7 (12): 454-457, ISSN: 2277-7695
2	Dr. R.A.Chavan	Evaluation of sequential application of insecticides against pigeonpeapodfly <i>Melanagromyza obtusa</i> (Mall).	International Journal of Plant Protection.2(1):18-22

3	Dr. Lokhande D.C	Herbicides effective tool for weed management in sugarcane.	<i>Int. J. Curr. Microbiol. App. Sci:</i> Special Issue-6: 92-96.NAAS -5.38
		<i>Rabi</i> sorghum varieties productivity through drip irrigation.	<i>Int. J. Curr. Microbiol. App. Sci:</i> Special Issue-6: 97-100.NAAS -5.38
		Comparative performance of organic and inorganic sources of nitrogen on growth and yield of sunflower hybrid MSFH-17.	<i>Int. J. Curr. Microbiol. App. Sci:</i> Special Issue-6: 1294-1299. NAAS -5.38
		Estimation of rice yield and transplanting date by using satellite data in Karnataka state of India.	<i>J. Pharma. and Phyto.</i> ,7(6): 757-761. NAAS -5.21
4	Dr. Y.M. Waghmare	Effect of different plant geometries & irrigation schedules on growth & yield contributing characters	<i>Int. J. Curr. Microbiol. App. Sci</i> , Special issue 6: 2480-2486
5	Prof. S T Rathod	Studies on Genetic Variability for Yield and Yield Contributing Traits in Wheat ( <i>Triticumaestivum</i> L.)	<i>Int.J.Curr.Microbiol.App.Sci.</i> 20 18.Special Issue-6: 2694-2699
		Changes in Enzymes Activities during Storage of Pearl Millet Hybrids and their Parental Lines ( <i>Pennisetumglaucum</i> (L.) R. Br.)	<i>Int.J.Curr.Microbiol.App.Sci.</i> 20 18.Special Issue-6: 2254-2261.
		Stability analysis for yield and quality traits in wheat ( <i>Triticumaestivum</i> L.)	<i>Electronic J of Plant Breeding</i> , 9 (1) : 160 - 168 (Mar 2018)
		GeneticVariability, Character Associationand Path Analysis in Sesame [ <i>Sesamumindicum</i> L.]	<i>Multilogic in Science</i> VOL. VIII, Special Issue (D), August 2018, 174-176.
		GeneticDivergence Analysis in Sesame ( <i>Sesamumindicum</i> L.)	<i>Multilogic in Science</i> VOL. VIII, SpecialIssue (D), August 2018, 177-180.
6	Dr. V. G. Takankhar	Performance of Palmarosa Cultivars under Saline Condition	<i>Int.J. Curr. Microbiology and Applied Sciences</i> Special Issue-6 pp-2452-2458
		Influence of Foliar Nutrition with KNO <sub>3</sub> on Growth and Yield of Soybean ( <i>Glycine max</i> (L.) Merrill) Under semi arid condition.	<i>Contemporary Research India</i> Special Issue Jan-2018
7	Dr. V. V.Tayde	Performance of Palmarosa Cultivars under Saline Condition	<i>Int.J. Curr. Microbiology and Applied Sciences</i> Special Issue-6 pp-2452-2458
		Influence of Foliar Nutrition with KNO <sub>3</sub> on Growth and Yield of Soybean ( <i>Glycine max</i> (L.) Merrill) Under semi arid condition.	<i>Contemporary Research India</i> Special Issue Jan-2018

**14. Extension services:**

Following extension services related and beneficial for farmers were carried out

**14.1 Radio talk: (table 33)****Table 33. Radio talk**

Sr. No.	Name of Staff	Date	Subject	Radio station
1	Dr. P K Nalwandikar	04.09.2018	<b>Management of cotton pink boll worm</b>	AIR, Beed
2	Dr. S. B.Jadhav	07.03.2019	Water conservation works	AIR, Beed
3	Prof. S. T.Rathod	03.03.2018	Seed Production of Groundnut in Summer	AIR,Beed
		04.09.2018	Importance of rouging during seed production	AIR,Beed
4	Prof. A. S. More	04.09.2018	Reddening and wit management in cotton	AIR,Beed
5	Dr. Y. M.Waghmare	15.09.2018 14.03.2019	Management of white grub Works to be done in summer by farmers	AIR, Beed
6	Dr. Vidya V.Tayde	23.01.2018	Summer fodder Crops	AIR,Beed
		04.09.2018	Importance of harvesting and handling of vegetables Crops	AIR,Beed

**14.2 Table 34.Demonstration/field demonstration/camp/Shetkarimelava**

Sr. No.	Name of the staff	Subject	Venue
1	Dr. P. N. Karanjikar	Preparation of organic inputs, integrated weed management	Sangaon
2	Dr. V. G. Takhankhar	Collection of soil samples	Chanai
3	Dr. P. K. Nalwandikar	Preparation NSK,	Sangaon
4	Dr. B G Kamble	Seed germination testing, importance of seed classes, rouging for quality seed production	Chanai

**15. Extra academic activities:**

1. Dr. P.N.Karanjikar, Dr.P.K.Nalwandikar, Dr.V.G.Takhankhar, Dr.N.S. Kamble and Dr. V.V. Tayade guided farmers and RAWE Students on the occasion of 'Krishi din' the birth anniversary of Vasanttrao Naik on 02.07.018 at Bansarola, Tq. Ambajogai.
2. During field Visit organised by T.A.O Beed, visited Custared Apple orchard, Tomato cultivation and water shed on 13.07.2018
3. Dr. P.K. Nalwandikar guided owner of cotton ginning and Staff of Agril. Department regarding control measures of pink boll worm on 26.07.2018. at Beed organized by SAO Beed.
4. Dr.P.N.Karanjikar guided farmer ShriSaudagar regarding use of Herbicide by Telephone on 04.08.2018.

5. Dr.P.K. Nalwandikar addressed RAWE Students how to control boll worms on 06.08.2018.
6. Dr.P.N. Karanjikar addressed RAWE Students regarding control measures of pink boll worms at Radi on 07.08.2018.
7. on dated 23.08.2018 Shri. Ram Kale was given guidance of Sugar Cane Cultivation.
8. Dr.P.K. Nalwandikar guided farmers of Belgaon, Kerul, KanadiTq. Asti Dist. Beed during Plant Protection Campaign on 24.08.2018.
9. Dr.Shakti Arbat delivered lecture on Drumstick cultivation at Manawlok Ambajogai.
10. Dr. P. N. Karanjikar guided farmers on 15.09.2018 by Telephone

### 15.1 PG Guide at College of Agriculture, Latur:

The following academic members served as PG guide in their subject at College of Agriculture, Latur while serving at this college (table 35).

**Table 35. PG Guide details**

Sr. No.	Name of the Staff	Name of the student	Title of the thesis
1	Dr. R A Chavan	Jondhale S.P.	Compatability of <i>Rhizobium</i> spp with fungicides used to control <i>Macrophomina</i> infecting mungbean
		Bhalerao J.B.	Studies on post harvest fungal diseases of tomato and their control
2	Dr. D. C. Lokhande	Bhalerao S.V.	Assessment of pigeon pea ( <i>Cajanus cajan</i> L.) cultivars under varied weather conditions

### 15.2 Member of advisory committee:

Following academic staff members served as advisory committee members in their subject for PG research and thesis (table 36)

**Table 36. Advisory Committee Members**

Sr. No.	Name of the Staff	Name of the student	Title of the thesis
1	Dr. R A Chavan	Kendre A H	Studies on soybean charcoal rot caused by <i>Macrophominaphaseolina</i> .
		Swami C.S	Studies on the rust of fig incited by <i>Ceroteliumfici</i>
		PudakeS.P	Studies on blakmould of onion caused by <i>Aspergillusniger</i>
		Asalkar U B	Investigaion on fruit rot of anola

**16. Visit of dignitaries to college:**

1. Dr. A.S. Dhawan, Hon. Vice Chancellor, VNMKV, Parbhani visited college on 26.11.2018.
2. Shri.Ranjit Patil, Registrar, VNMKV, Parbhani visited college on 21.12.2018.
3. Dr. D. N.Gokhale, DI and Dean, VNMKV, Parbhani visited college on 12.03.2019.
4. Dr. A. S.Dhawan, Hon. Vice Chancellor, VNMKV, Parbhani visited college on 23.03.2019.

**37. List of the staff members:**

Sr. No	Name of the staff	Designation	Department
1	Dr. K. V. Deshmukh	Associate Dean and Principal	Agril. Economics
2	Dr.P. N. Karanjikar	Associate Professor	Agronomy
3	Dr.P. K. Nalwandikar	Associate Professor	Agril. Entomology
4	Dr.B. G. Kamble	Associate Professor	Agril. Botany
5	Dr. V. G. Takhankar	Associate Professor	SSAC
6	Dr.Suhas B.Jadhav	Associate Professor	Agril. Engineering
7	Dr.Manjusha K. Dhoke	Assistant Professor	Math.& Computer Science
8	Prof. N. S. Kamble	Assistant Professor	AHDS
9	Prof. Sanjay T. Rathod	Assistant Professor	Agri. Botany
10	Dr. S. S. Arbat	Assistant Professor	Horticulture
11	Prof. Sunil S. Galande	Assistant Professor	ACSS
12	Dr.Vidya V. Tayade	Assistant Professor	Extension Education
13	Dr.Yogesh M. Waghmare	Assistant Professor	Agronomy
14	Dr. N. E. Jayewar	Assistant Professor	Agril. Entomology

**38. List of the supporting staff members:**

<b>Sr. No</b>	<b>Name of the staff</b>	<b>Designation</b>
1	Shri. A. R. Abegaonkar	SRA
2	Shri. S. B. sali	ASO
3	Shri. A. G. Maindankar	ASO
4	Shri. A. V. Mundhe	Sr. Cleark
5	Shri. S. U. Giri	Sr. Cleark
6	Shri. B. L. Deshpande	Jr. Cleark
7	Shri. P. R. Madawi	Agri. Asstt.
8	Shri. SayadIrfanUsman	Agri. Asstt.
10	Sm. Varsha P. Surewad	Agri. Asstt.
11	Shri. P. T. Thorat	Driver
12	Shri. B. M. Jogdand	Laboratory Attendeant
13	Shri. C. T. Kanale	Laboratory Attendeant
14	Shri. M. S. Kharade	Laboratory Attendeant
15	Shri. P. V. Jawale	Laboratory Attendeant
16	Shri. S. R. Pawar	Laboratory Attendeant
17	Shri. U. S. Phulari	Peon
18	Shri. N. S. More	Watchmen
19	Sm. A. K. Mahajan	Labour
20	Shri. B. A. Kashid	Labour
21	Shri. H. S. Dhage	Sweeper
22	Shri. V. P. Choubharkar	Electrician
23	Shri. P. L. Mujmule	Garden Asstt.



