

Twelfth Annual Report *of* COLLEGE OF AGRICULTURE, LATUR



**VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH,
PARBHANI**

Annual Report 2018-19

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College Activities

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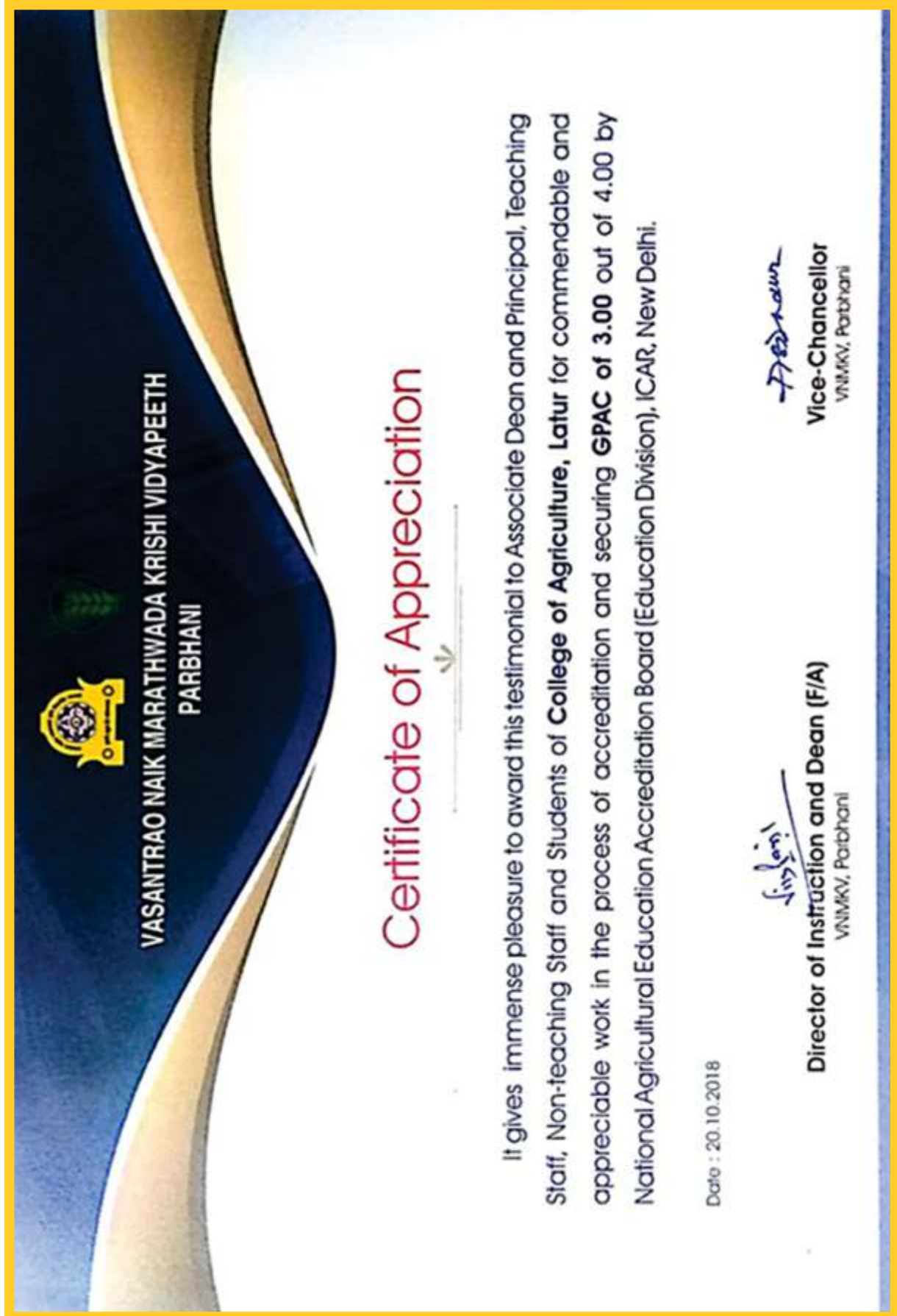
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Content

| | | |
|----|--|---------|
| 1. | Foreword | i - iii |
| 2. | Executive Summary | 1 - 2 |
| 3. | Preamble of Latur District, College Profile, Mandate & Milestones | 3 - 8 |
| 4. | Faculty & Departmental Strength | 9 - 12 |
| 5. | Strengths & Achievement | 13 - 58 |
| 6. | Other Information | 59 - 77 |
| 7. | Future Thrust | 78 - 80 |
| 8. | Photographic Glimpses | 81 - 83 |

Certificate of Appreciation



Foreword



It is gratifying to note that College of Agriculture, Latur is bringing out its Twelfth Annual Report for the year which is a documentation of work done during the year 2018-19 in the mandated areas of teaching, research and extension besides co-curricular and extra curricular activities aimed at overall personality development of students community.

Among the various performance indicators of an technical institutions, technical competence of teaching community backed by strong infra-structural facilities holds a great promise. I am happy that due emphasis is given by teachers training programme by way of giving exposure to summer and winter schools in reputed SAU's of the country. Efforts are also being made to strengthen basic infra-structural facilities like well equipped laboratories, lecture halls and research farms.

All these commendable and appreciable efforts were noticed by Accreditation team of ICAR in the process of accreditation and which results in securing GPAC of 3.00 out by 4.00 by National Agricultural Education Accreditation Board, Education Division ICAR, New Delhi.

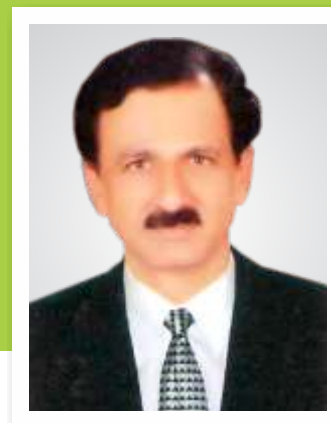
I am also delighted to know that students of the college have also come up with great success in sports, cultural activities and competitive examinations seeking admissions in higher studies at the institutions of repute.

I compliment the sincere efforts made by Dr. Babasaheb Thombre, Associate Dean and Principal for preparing the Annual Report which deserves compliments. I hope that this informative document will be useful to planners, administrators, teachers and research workers to find the path in the future.

I extend my best wishes to teachers, students and staff of the College for future endeavour.


(Ashok Dhawan)
Vice-Chancellor
VNMKV, Parbhani

Foreword



It is gratifying to note that the College of Agriculture, Latur is bringing the Twelfth Annual Report for the year 2018-19. It features the activities undertaken by the college in the field of teaching, research, extension education, student's welfare, estate management, finance and accounts, information technology and good governance.

The progress and activities of the college during the year in the areas of teaching and manpower development, research and extension, are presented in the report. There has been drastic improvement in education; research and extension, which is reflected in large placement of students in various private and public organizations.

All these commendable and appreciable efforts were noticed by Accreditation team of ICAR in the process of accreditation and which results in securing GPAC of 3.00 out by 4.00 by National Agricultural Education Accreditation Board (Education Division), ICAR, New Delhi.

I appreciate Dr. Babasaheb Thombre, Associate Dean and Principal for gathering and compiling the best information about the splendid work carried out which deserves compliments.


(Vitas D. Patil)

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

Preface



I am extremely happy to present Twelfth Annual Report of the College of Agriculture, Latur for the year 2018-19, a compendium on the achievements, laurels and recognition made by the College since its inception. The Accreditation team of ICAR which visited College for Accreditation appreciated the commendable and appreciable efforts made by teachers, students and staff in the process of accreditation and which results in securing GPAC of 3.00 out of 4.00 by National Agricultural Education Accreditation Board, Education Division, ICAR, New Delhi. The credit for this is totally goes to faculty members, technical and supporting staff and students of the college.

During this year efforts were made to meet the mandate of the college by carrying out various activities and programmes entrusted to the college through its acts and status. The present Annual Report for the year 2018-19 contains information about all round progress made by college. It has been observed during the past few years that the college activities concerning teaching, research and extension besides co-curricular and extracurricular activities are increasing with every passing year and the year 2018-19 is no exception. For the smooth functioning of an academic institution and scale new heights in the academic excellence a good support from University administration both financial and moral is necessary.

On account of this I express my deep sense of gratitude to Dr. Ashok Dhawan, Hon. Vice-Chancellor, Vasantrya Naik Marathwada Krishi Vidyapeeth, Parbhani for his keen interest and whole hearted support for all round development of the college. I also profusely thank Dr. Vilas Patil, Director of Instruction and Dean, Faculty of Agriculture, Vasantrya Naik Marathwada Krishi Vidyapeeth, Parbhani for his valuable guidance and support for all round development of the college.

The college has been continuing to offer UG and PG teaching programmes in Agriculture. Faculty members from every department have been given opportunities to undergo trainings in various agricultural universities and institutions of repute in country as a part of faculty improvement programme. I appreciate valuable achievement made by the faculty members supported by the technical, administrative and supporting staff of the college for fulfilling mandatory activities of the college. Besides this sincere efforts have been made to beautify college campus by massive tree plantation, green initiative programme and other activities.

The students of this college actively participated in various co-curricular and extra co-curricular activities like competitive examinations, entrance examination, debate, cultural programme, sports, National Service Scheme etc. and won laurels to the college by winning prizes and medals.

I appreciate valuable support given by faculty members, technical and supporting staff of the college in fulfilling mandate and I appeal everyone to rededicate ourselves with renewed commitment and perseverance in the process of institution building.

I also take this opportunity to appreciate the excellent support service rendered by Dr. Rajesh Shelke, Associate Professor of Agricultural Economics and Technical Officer in bringing out this publication in the present form.

Best wishes to all staff members and students of the college.

(Babasaheb Thombre)

Associate Dean & Principal
College of Agriculture, Latur

Executive Summary



EXECUTIVE SUMMARY:

Latur is an educational hub. Number of primary, secondary and higher secondary schools and under graduate, post graduate colleges and technical institutes are involved in dissemination of information through education. College of Agriculture, Latur is a premier institute established in 1987. Since, then it is performing integrated functions of education, research and extension in agriculture and allied disciplines. Highly educated qualified teaching faculties, well equipped laboratories, planned farm structure, high-tech library etc. are the strengths of this college.

The B.Sc. (Agri.) is of four years degree programme. The students are admitted by central online admission system formulated by MCAER, Pune. Total 422 students for four years were admitted during the academic year 2018-19. Among them 40.28, 2.84, 13.50, 5.45, 17.53 and 22.51 per cent were girls, ICAR, SC, NT, ST and OBC students, respectively.

Rural work experience and experiential learning programme promote holistic higher agricultural education by blending knowledge, skill and attitude. During the academic year, 2018-19, the twelve villages from Nilaga and Chakur Panchyat Samiti were adopted for this programme. Eighty Five students of seventh semester were participated in this programme. The students were exposed to rural life and farming situations during six months stay in adopted villages. The experiential learning programme is being implemented for VIII semester students to make them successful entrepreneur in the area of the programme. Four experiential learning programmes viz., commercial broiler production, Mushroom production technology Commercial vegetable production and Commercial sericulture were implemented at College of Agriculture, Latur. Total eighty nine students participated in these modules.

The M.Sc.(Agri.) is two years degree programme. This college offered PG programme in nine disciplines namely Agronomy, Agricultural Botany, Agricultural Entomology, Plant Pathology, Soil Science and Agricultural Chemistry, Agricultural Economics, Horticulture, Animal Husbandry and Dairy Science and Agricultural Extension Education. During 2018-19, total 212 students were admitted for above PG degree programme. Among them 33.01, 1.88, 12.26, 17.45, 6.60 and 25.47 per cent were girls, ICAR, SC, NT, ST and OBC students, respectively. One hundred two students were successfully submitted their theses on research as a partial fulfilment of PG programme.

The Placement Cell is established to support the students to cater the requirements of agriculture manpower for public and private sectors. The students of this college are excelling in various competitive exams viz., JRF/SRF, ARS, MPSC etc. The lectures are regularly organized for preparation of public service examinations, Campus interviews by various private companies are organized for the students. Twenty Five students from this college became eligible to secure job in reputed institutes.

Library plays an important role in dissemination of knowledge and information to students, researchers, readers etc. The college library is providing dissemination facilities through 10622 books, 706 research theses, reports, newspapers etc. and IT based services such as internet; data base, CD Rom, online e journals, ETAD etc.

Cultural activities like Ganesh festival, birth anniversaries of national leaders, patriots, social reformers were celebrated. Various functions like sports, 18 hours continuous study, talks etc. were organized on these occasions. Under National Service Scheme seven days special camp was organized at Chikalhana, Tq. & Dist. Latur. The programmes like cleaning campaign, pre health checking for cancer, animal vaccination, social education programme etc. were organized during special camp.

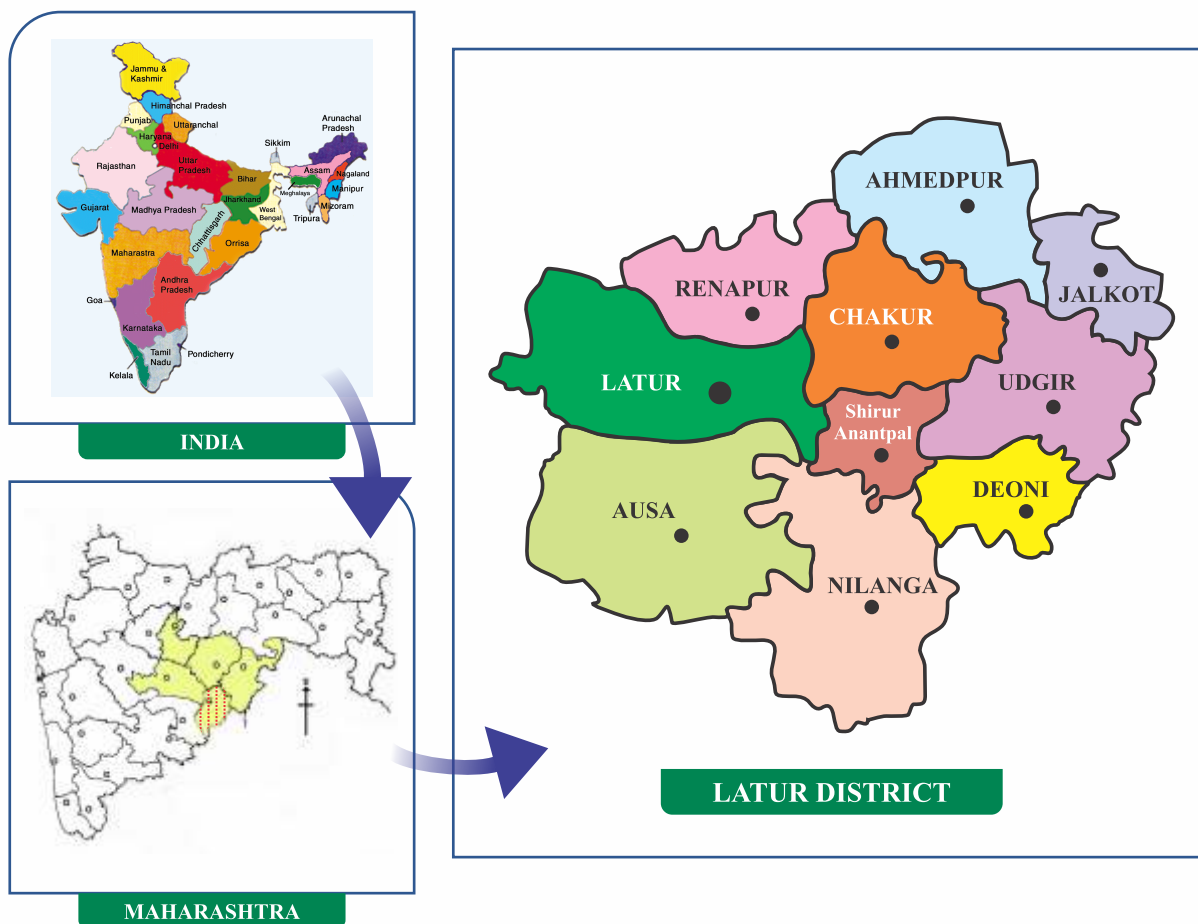
To encourage students hidden talent various cultural and sports events were organized on the occasion of Shri Chhatrapati Shivaji Maharaj Jayanti. Students were appreciated through the hands of Hon. Vice Chancellor who achieved prizes in different events of cultural and sports at various places. Faculty members were also felicitated who get awards in different programmes.



Preamble of Latur District, College Profile, Mandate & Milestones



PREAMBLE OF LATUR DISTRICT



Historical Background:

Latur city has a historical background. Earlier names of Latur in historical literature are Lattalur and Ratnapur. King 'Amoghvarsha' of Rashtrakutas developed this city, originally the native place of the Rashtrakutas.

Latur city has the famous 'Ganjgolai' as the central place of the city. The town planner Shri Faiyajuddin prepared the plan of 'Ganjgolai Chowk'. The main building of the Golai is a huge two-storeyed structure which was constructed around the year 1917. In middle of the circular structure, is the temple of Goddess Ambabai. There are 16 roads connecting to this Golai. On August 15, 1982, Latur was separated from Osmanabad and existed a separate Latur district.

Geography:

The Latur District is situated in south-eastern part of the Maharashtra state and Latur town lies between the 18.7° latitude and 73.25° longitude. The district is situated on the Maharashtra Karnataka boundary. On the eastern side of the Latur is Bidar district of Karnataka, whereas Nanded is on the northeast, Parbhani is on the northern side, Beed is on the Northwest and Osmanabad is on the



western and southern side. The entire district of Latur is situated on the Balaghat plateau, 540 to 638 mtrs from the mean sea level.

Rainfall: The average annual rainfall is 801.04 mm. It begins from mid of June and ends by the last of October. This district experienced extreme drought during this year.

Temperature: The average minimum temperature is 11.9°C and maximum temperature is 38.9°C

Demographic Profile:

According to the 2011 census, the demographic features of Latur district are as below:

| | |
|--|---------------|
| • Total Population | : 24,54,196 |
| • Total Male Population | : 12,73,140 |
| • Total Female Population | : 11,81,056 |
| • Sex Ratio | : 928 |
| • Urban Population | : 6,25,083 |
| • Rural Population | : 18,29,113 |
| • Percentage of Urban Population to total population | : 25.47% |
| • Population density | : 340 / sq.km |
| • Literacy Rate | : 77.26% |
| • Male Literacy rate | : 84.39% |
| • Female Literacy rate | : 69.63% |

Educational Background:

Latur is one of the educationally advanced districts of the state. There are many educational and technical institutes. Recently, it has evolved as an education centre, primarily for secondary and higher secondary education. "Latur Pattern" of education is the boon to educational reforms in the state.

Employment pattern

The economy of Latur district is basically dependent on agriculture. Hence, trade and commerce activities related to agriculture are the main sources of employment in the district. Government establishment, cooperative industries, private industries in MIDC and real estate development are also providing employment.

Trade

The economy of Latur district is largely based on agriculture. The main crops grown are sugarcane, cereals, oilseeds, pulses and horticulture crops like mangoes, grapes and pomegranate. Latur grain market serves as one of the important centres for agriculture commodities especially for oilseeds, pulses and cereals. Produce like grapes and deoiled cakes are also exported. Latur APMC was



established in 1931 and trade in agriculture is monitored through APMC. Agro - based Industries like dal mills and oil mills have impact in economy and trading of Latur.

College of Agriculture, Latur: At a glance

The College of Agriculture, Latur was established in the year 1987 with a mandate to impart higher education of B.Sc. (Agriculture) degree to village level workers (VLW's) of Department of Agriculture working under T & V system, with an intake capacity of 35 candidates. This college has been strengthened in 1989 with regular 10+2 pattern B.Sc. (Agriculture) programme of four years with an intake capacity of 64 students. Further the intake capacity was increased upto 94 with the provision to admit XII (Science) passed in-service candidates on deputation.

The postgraduate programme leading to the M.Sc.(Agri) degrees in six disciplines namely Agronomy, Agricultural Botany, Agricultural Entomology, Plant Pathology, Soil Science and Agricultural Chemistry and Agricultural Economics was initiated with an intake capacity of six students in each discipline, during the academic year 2002-03. Further, PG programme was initiated in remaining four disciplines; viz., Horticulture, Animal Husbandry & Dairy Science, Agricultural Meteorology and Agricultural Extension Education during the academic year 2005-06.

Mandates:

The mandate of the college is to perform multifarious tasks of Education, Research and Extension in agriculture and allied disciplines

1. To impart education to the Under Graduate and Post Graduate students in various disciplines of agriculture.
2. To undertake need based and location specific research activities.
3. To disseminate research findings and latest knowledge of agriculture to the farmers.
4. To co-ordinate and act as a link between university and other line departments /agencies engaged in extension work.
5. Integrating and coordinating the teaching of the subjects in different faculties.
6. Coordinating agricultural education, research and extension education activities.

Milestones in Progress:

1. 1987 : 3 + ½ years B.Sc. (Agriculture) degree Programme started for in service candidates of State Department of Agriculture, Government of Maharashtra
2. 1989 : 4 years B.Sc. (Agriculture) degree Programme started for fresh XII standard science passed students with an intake capacity of 64 students.
3. 2001 : Intake Capacity of 4 years B.Sc.(Agriculture) degree programme was increased from 64 students to 99 students
4. 2002 : Acquisition of Land admeasuring 65 ha. and 73 R.



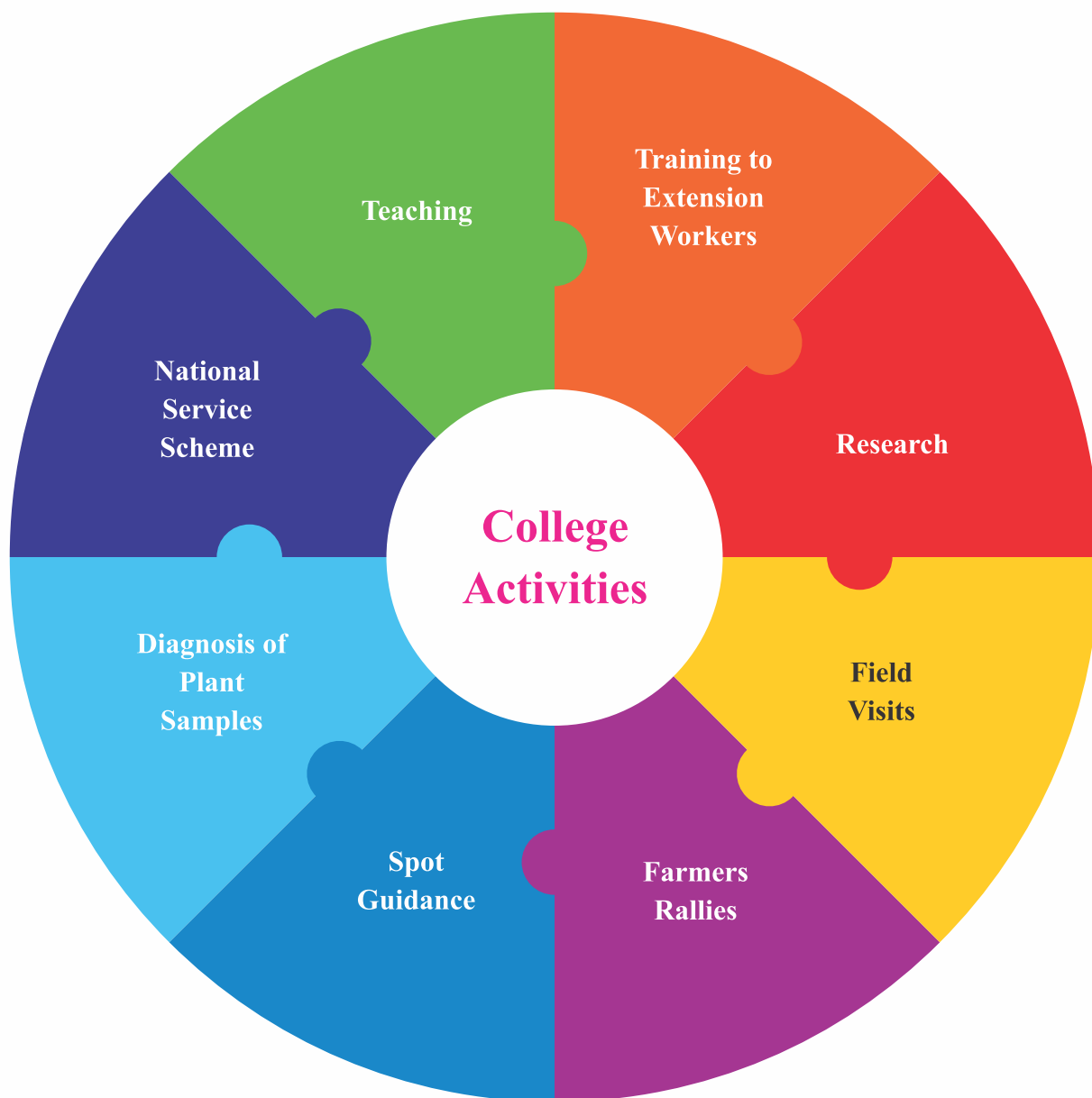
5. 2002 : Post graduate programme leading to M.Sc. (Agriculture) was started in six subjects with an intake capacity of 6 students in each discipline. *viz.*, Agricultural Botany, Agronomy, Agricultural Entomology, Plant Pathology, Soil Science & Agricultural Chemistry and Agricultural Economics.
6. 2005 : Post graduate programme leading to M.Sc. (Agriculture) was started in additional four subjects with an intake capacity of 6 students in each discipline. *viz.*, Horticulture, Extension Education, Animal Husbandry & Dairy Sciences and Agricultural Meteorology.
7. 2009 : Intake capacity of M.Sc.(Agri) students was increased departmentwise from 6 to 12.

Milestones in Infrastructure Facilities:

| | | |
|---------------------------------------|---|--------------|
| Construction of Multipurpose Block | : | 1990 |
| Construction of New College Building | : | 1996 |
| 1. Hostels | | |
| A) Boys Hostel | : | 1993 |
| No. of Rooms: 86 Capacity | : | 160 students |
| B) Girls Hostel | : | 2005 |
| No. of Rooms: 29 Capacity | : | 80 students |
| C) Farmers Hostel | : | 2007 |
| No. of Rooms: 18 Capacity | : | 54 students |
| 2. Library Building | : | 2007 |
| 3. Health Centre | : | 2007 |
| 4. Animal Husbandry Shed | : | 2007 |
| 5. Seed Processing Unit | : | 2007 |
| 6. Examination Hall and Compound Wall | : | 2007 |
| 7. Gymnasium | : | 2009 |
| 8. Staff Quarters | : | 2009 |
| 9. Scientists Home | : | 2009 |
| 10. Auditorium | : | 2013 |



Activities of College of Agriculture, Latur



Faculty & Departmental Strength



Department-wise Faculty Positions at a glance:

The manpower available with the college includes 28 academic staff, non-teaching staff supported by skilled and semi skilled workers.

Staff Position during 2018-19

| Sr. No | Name of the post | Sanctioned posts | Filled posts | Vacant posts |
|--------|----------------------------|------------------|--------------|--------------|
| 1 | Associate Dean & Principal | 1 | 1 | 0 |
| 2 | Professor | 9 | 4 | 5 |
| 3 | Associate Professor | 10 | 10 | 0 |
| 4 | Assistant Professor | 35 | 15 | 20 |
| 5 | Extension Training Officer | 1 | 1 | 0 |
| 6 | Hostel Superintendent | 1 | 0 | 1 |
| 7 | Assistant Librarian | 1 | 1 | 0 |
| 8 | Assistant Accounts Officer | 1 | 0 | 1 |
| 9 | Senior Research Assistant | 3 | 2 | 1 |
| 10 | Junior Research Assistant | 2 | 1 | 1 |
| 11 | Section Officer | 1 | 1 | 0 |
| 12 | Senior Clerk | 3 | 3 | 0 |
| 13 | Laboratory Attendant | 8 | 7 | 1 |
| 14 | Lab Boy | 4 | 1 | 3 |
| 15 | Agricultural Assistant | 4 | 4 | 0 |
| 16 | Driver | 2 | 0 | 2 |
| 17 | Watchman | 3 | 0 | 3 |
| 18 | Mali | 2 | 2 | 0 |
| 19 | Peon | 4 | 1 | 3 |
| 20 | Sweeper | 1 | 1 | 0 |
| 21 | Labour | 34 | 28 | 6 |
| 22 | Steno (Lower grade) | 1 | 0 | 1 |
| 23 | Electrician | 1 | 0 | 1 |
| 24 | Compounder | 1 | 0 | 1 |
| 25 | Library Assistant | 2 | 1 | 1 |
| 26 | Junior Clerk | 4 | 3 | 1 |
| 27 | Khansama | 1 | 0 | 1 |
| | Total | 140 | 87 | 53 |

Academic strength of faculty members / supporting staff:

| Sr.No. | Name of the Staff | Designation of the Staff | Qualification |
|-------------------------------|------------------------|----------------------------|--|
| 1 | Dr. B. M. Thombre | Associate Dean & Principal | M.Sc. (Agri.), A.H.D.M. Ph.D. (LPM) |
| Department of Agronomy | | | |
| 2 | Dr. P. N. Karanjikar** | Professor | M.Sc. (Agri.) Ph.D. |
| 3 | Shri.N.K. Kalegore | Associate Professor | M.Sc. (Agri.) |
| 4 | Dr. K.K. Dakhore***** | Assistant Professor | M.Sc. (Agri.) Ph.D. |



| | | | |
|--|------------------------|------------------------------|----------------------|
| 5 | Dr.S.B. Kadam ### | Assistant Professor | M.Sc. (Agri.) Ph.D. |
| Department of Agricultural Botany | | | |
| 6 | Dr. K.R. Kamble*** | Professor | M.Sc. (Agri.) Ph.D. |
| 7 | Dr. V.N. Toprope | Associate Professor | M.Sc. (Agri.) Ph.D. |
| 8 | Dr. P.B. Wadikar | Assistant Professor | M.Sc. (Agri.) Ph.D. |
| 9 | Shri. S.P. Pole* | Assistant Professor | M.Sc. (Agri.) |
| Department of Agricultural Economics | | | |
| 10 | Dr. R.D. Shelke | Associate Professor | M.Sc. (Agri.) Ph.D. |
| Department of Agricultural Engineering | | | |
| 11 | Dr.R.G. Bhagyavant**** | Associate Professor | M.Sc. (Agri.) Ph.D. |
| 12 | Dr. R.V. Jayebhaye** | Associate Professor | M.Sc. (Agri.) Ph.D. |
| 13 | Shri.B.B. Badgire*- | Assistant Professor | M. Tech. |
| 14 | Shri.M.M. Bhogaonkar | Assistant Professor | M.Sc. (Math.) |
| 15 | Dr. S.S. Phulari*** | Assistant Professor | M.Sc. (Math.) |
| Department of Agricultural Entomology | | | |
| 16 | Dr. V.K. Bhamare | Associate Professor | M.Sc. (Agri.) Ph.D. |
| 17 | Dr.D.G. More | Assistant Professor | M.Sc. (Agri.) Ph.D. |
| Department of Extension Education | | | |
| 18 | Dr. V.B. Kamble | Professor | M.Sc. (Agri.) Ph.D. |
| 19 | Dr. D.D. Suradkar | Assistant Professor (E.T.O.) | M.Sc. (Agri.) Ph.D. |
| 20 | Dr. Mrs. J.M. Deshmukh | Assistant Professor | M.Sc. (Agri.) Ph.D. |
| Department of Animal Husbandry & Dairy Science | | | |
| 21 | Dr. P.V. Padghan | Associate Professor | M.Sc. (Agri.) Ph.D. |
| 22 | Dr. R.A. Patil | Assistant Professor | M.Sc. (Agri.) Ph.D. |
| 23 | Shri. D.G. More | Assistant Professor | M.Sc. (Agri.) |
| Department of Horticulture | | | |
| 24 | Dr. A.S. Kadam | Professor | M.Sc. (Agri.) Ph.D. |
| 25 | Dr. V.S. Jagtap | Associate Professor | M.Sc. (Agri.) Ph.D. |
| Department of Plant Pathology | | | |
| 26 | Dr. V.G. Mulekar | Associate Professor | M.Sc. (Agri.) Ph.D. |
| 27 | Dr. S.J. Magar | Assistant Professor | M.Sc. (Agri.) Ph.D. |
| 28 | Shri. S.V. Waghmare | Assistant Professor | M.Sc. (Agri.) |
| Department of Soil Science and Agricultural Chemistry | | | |
| 29 | Dr. B.S. Indulkar | Professor | M.Sc.(Agri.) Ph.D. |
| 30 | Dr. V.G. Takankhar | Associate Professor | M.Sc.(Agri.) Ph.D. |
| 31 | Shri. B.R. Gajbhiye * | Assistant Professor | M.Sc. (Agri.) |
| 32 | Shri. P.B. Adsul | Assistant Professor | M.Sc. (Agri.) |
| Physical Education | | | |
| 33 | Dr. S.S. Shrangare** | Assistant Professor | MPed. Ph.D. NET |
| Library Section | | | |
| 34 | Shri. B.G. Kamble | Assistant Librarian | M. Lib. M.Phil |
| 35 | Shri. S.B.Padwal*** | Library Assistant | M. Lib. |
| Account Section | | | |
| | Vacant | | |
| Non Teaching Staff | | | |
| 36 | Shri. N.H. Chavan | Senior Research Assistant | M.Sc. (Agri.) |
| 37 | Shri. A.N. Puri* | Senior Research Assistant | M.Sc. (Agri.) |
| 38 | Shri P.L. Ghatchirle# | Junior Research Assistant | M.Sc. (Agri.) |
| 39 | Mrs. M.U. Bhikane | Agricultural Assistant | M.Sc. (Agri.) |
| 40 | Dr. P.R.Dadgale | Agricultural Assistant | M. Sc. (Agri.) Ph.D. |



| | | | |
|----|--------------------------|---------------------------|--|
| 41 | Shri. D.V.More ##* | Agricultural Assistant | Agricultural Diploma |
| 42 | Shri P.L. Rathod | Agricultural Assistant | Agricultural Diploma |
| 43 | Shri. R.T. Chavan | Agricultural Assistant | S.S.C., Diploma in Agriculture |
| 44 | Shri. P.V. Kamble** | Agricultural Assistant | B.Com., Diploma in Agriculture |
| 45 | Shri R.H. Bhawale | Section Officer | M.Sc. |
| 46 | Shri. N.R. Tarfe** | Assistant Section Officer | M.A., M.S.W. |
| 47 | Shri. D.P. Chamnikar | Senior Clerk | M.Com. |
| 48 | Shri. P.D. Jondhale | Senior Clerk | B.A. |
| 49 | Shri. T. B. Gampale | Junior Clerk | B.A. |
| 50 | Shri S. P. Swami | Junior Clerk | S.S.C. |
| 51 | Shri. B.O. Agham`` | Junior Clerk | B.A., D.C.A. |
| 52 | Shri. D.M. Choudhari #* | Lab Attendant | 11 th , Gardner Training Course |
| 53 | Shri. K.S. Panchal | Lab Attendant | H.S.C., I.T.I. |
| 54 | Shri. D.D. Zunzure | Lab Attendant | B.Sc., Horticulture |
| 55 | Shri. S.V. Sorekar###* | Lab Attendant | H.S.C. |
| 56 | Shri. V.D. Kadam | Lab Attendant | B.A. |
| 57 | Shri. D.G. Surwase | Lab Attendant | S.S.C. |
| 58 | Shri. R.A. Kharate | Lab Attendant | H.S.C. |
| 59 | Shri. K.V. Jondhale | Peon | 9 th Passed |
| 60 | Shri. T.S. Biradar** | Electrician | S.S.C., I.T.I. |
| 61 | Shri. S.P. Kamble | Plumber | H.S.C., I.T.I. |
| 62 | Shri. D.Y. Mujawar | Observation Assistant | S.S.C. |
| 63 | Shri. S.S. Birajdar | Library Attendant | S.S.C., Library Exam Passed |
| 64 | Shri. R.D. Aade | Milk Man | 4 th |
| 65 | Shri. Rangnath Gaikwad** | Watchman | 9 th Passed |
| 66 | Shri. D.U. Shinde | Gardner | H.S.C. |
| 67 | Shri. R.S. Shinde | Gardner | M.A., G.T.C. |
| 68 | Shri. S.A. Suryawanshi | Lab Boy | H.S.C. |

* On study leave to pursue Ph.D. degree

** On deputation at College of Agriculture, Latur

*** On deputation at College of Agriculture, Osmanabad

**** On deputation at College of Agriculture, Parbhani

**** Deputation to Metrology Office, Parbhani

On deputation at Agricultural Research Station, Somnathpur, Dist. Latur

On deputation at NARP, Aurangabad

Deputation at AO Research Office, Parbhani

##* Deputation at Biotech College, Latur

Strengths & Achievement



Strengths of the College:

- Experienced and qualified teaching staff.
- Well-equipped laboratories for conducting practical.
- Well-furnished classrooms for conducting theory classes.
- Well-furnished library with 10622 books, 25 computers internet facility and 51 CDROM, alongwith J Gate facility.
- Well-equipped computer laboratories with internet facility.
- Central Instrumentation Cell for analysis of soil, water and plants
- Dairy unit with different animal breeds
- Seed processing plant.
- Boys and girls hostels with accommodation capacity of 160 boys and 80 girls, respectively.
- Fruit orchards of Kesar Mango, Sapota, Guava and Anola.
- Aromatic and medicinal plant garden.
- Horticulture nursery having fruits, ornamental and floriculture plants.
- Seventeen farm ponds and one farm trench to harvest and conserve rainwater.
- Well-equipped Gymnasium building having latest equipments.
- Adequate sport grounds for out door sports.
- Well-constructed internal approach roads.
- “Eklavya” Study forum for UG & PG students
- ELP on Commercial Sericulture, Vegetable production, Broiler Production Technology and Mushroom Production Technology for VIII Semester students of UG degree programme.

Significant Achievements

Education:

Since 1987, this college has been entrusted the responsibility to develop human resources which will educate and disseminate need based agricultural technologies to the farming community of the State. The human resources are being engaged to their fullest extent to cater agricultural education, research and extension in the State and Country

Under Graduate Programme:

The degree programme is of four years duration spread over 8 semesters. Four hundred twenty two students were admitted during the academic year 2015-16 to 2018-19. Among the total students 170 were girl (40.28 cent) and 252 boys (59.71 %). Twelve students from ICAR quota were also admitted.

Students admitted for degree programme during 2015-16 to 2018-19

| Year | Number of students admitted | | | ICAR/OS | Open | SC | NT | ST | OBC |
|--------------|-----------------------------|------------|------------|-----------|------------|-----------|-----------|-----------|-----------|
| | Boys | Girls | Total | | | | | | |
| 2015-16 | 62 | 35 | 97 | 09 | 32 | 12 | 20 | 05 | 22 |
| 2016-17 | 59 | 44 | 103 | 01 | 38 | 14 | 19 | 07 | 24 |
| 2017-18 | 70 | 43 | 113 | 00 | 48 | 14 | 19 | 07 | 25 |
| 2018-19 | 61 | 48 | 109 | 02 | 46 | 17 | 16 | 04 | 24 |
| Total | 252 | 170 | 422 | 12 | 164 | 57 | 74 | 23 | 95 |



Scholarship:

Various scholarships were given to UG & PG students under following section heads through MAHADBT portal

| Sr. No. | Scholarship Head | UG | PG |
|-----------------------------------|----------------------------------|------------|------------|
| 1. | G.O.I/ Freeship(All categories) | 396 | 216 |
| 2. | EBC | 33 | 34 |
| 3. | Central sector | 26 | -- |
| 4. | NTS | 02 | -- |
| 5. | Handicap | 01 | -- |
| 6. | Dr. Punjabrao Deshmukh | 26 | 31 |
| 7. | Pandit Dindayal | -- | 03 |
| Total beneficiary students | | 490 | 284 |

Rural Agricultural Works Experience (RAWE):

The RAWE programme of VII semester has been introduced in the curriculum of B.Sc.(Agri) with an objective to expose the students to the rural life and farming situations. During the Programme the students are given in-depth knowledge about the principles and practices of agriculture through theory and practical in the field under rural situations. During this 6 months period, students gain farm experience by staying in the villages. During the academic year, 2018-19, RAWE programme/ Student READY- Latur district was selected, from this district (02) tahsils namely Nilanga & Chakur were selected in the periphery mentioned in manual thus from this Tahsiltotal of 12 villages were selected and in each village 07 -08 namely Hasuri (B), Harijawalga, Hasuri (Halgara) ,Hasuri(K) ,Zari, Manejawalga, Katejawakga, Makni, Chakur etc students were allotted to work in cohesive a group.

Selection of Students READY/ RAWE centre: The college of Agriculture, Latur prepared a list of centres under its jurisdiction for allotment of students. The centres were ARS/COA/ATS, Latur and the students were distributed in these centres from this centres students were placed within 25 to 50 km from the college. A Total 85 student participated in this programme.The RAWE programme was initiated with orientation programme conducted at College of Agriculture, Latur in presence of Dr. A.S.Kadam, Associate Dean and Principal, College of Agriculture, Latur, Dr.M.K.Ghodke, Officer -In-Charge, Oilseeds Research Station, Latur and Dr.V.S.Jagtap, Principal, ATS, Latur. The stipend Rs. 3000/- per month was paid to each RAWE student.



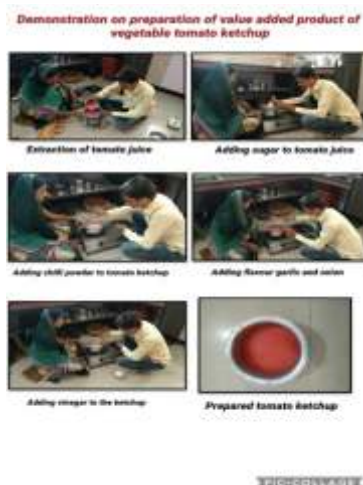
List of faculty members involved in RAWE programme

| Sr.No. | Name of the Faculty member | Acted as for RAWE |
|--------|----------------------------|---|
| 1. | Dr. V.B. Kamble | Co-coordinator |
| 2. | Dr. P.H. Vaidya | Programme Officer |
| 3. | Dr. J.M. Deshmukh | Programme Officer |
| 4. | Dr. P.B. Adsul | Programme Officer |
| 5. | Dr. Y.M. Waghmare | SMS Agonomy |
| 6. | Dr. R.A. Patil | SMS Animal husbandry and Dairy science |
| 7. | Dr. P.B. Wadikar | SMS Agricultural Botany |
| 8. | Dr. R.D. Shelke | SMS Agricultural Economics |
| 9. | Dr. R.V. Jaybhaye | SMS Agricultural Engineering |
| 10. | Dr. D.G. More | SMS Agricultural Entomology |
| 11. | Dr. D.D. Suradkar | SMS Agricultural Extension |
| 12. | Dr. V.S. Jagtap | SMS Horticulture |
| 13. | Dr. V.G. Mulekar | SMS PlantPathology |
| 14. | Prof. P.B. Adsul | SMS Soil Science & Agricultural Chemistry |

- Dr. V.S.Jagtap acted as a Team Leader (D) for semester end evaluation of RAWE programme at College of Agriculture, Markhel, Naigaon, Kandhar, Udgir and Ambajogai.
- Dr. D.G.More acted as University Representative for RAWE at College of Agriculture, Kandhar.
- Dr.R.V.Jaybhaye acted as University Representative for RAWE programme at College of Agriculture, Udgir, Dist. Latur.
- Prof. N. H. Chavan, worked as a University Representative for RAWE programme at Agriculture College, Merkhel, Dist. Nanded.

Extension Activities undertaken through RAWE Programme





Experiential Learning Programme:

As per the recommendation of Fourth Deans' Committee, the Experiential Learning programme for VIII semester students of B. Sc.(Agri.) degree programme are being implemented in order to make them successful entrepreneur in areas of these programmes. Such four programmes like, Commercial Broiler Production, Mushroom Production Technology, Commercial Sericulture and Commercial Vegetable Production were implemented and total 76 students were admitted in these programme.



Experiential Learning Programmes implemented during the academic year 2018-19 are as below.

ELP-I

| | |
|---------------------------------|---|
| Course Title | : Commercial Broiler Production |
| Course No. | : AEL. ASDS-486 |
| ELP In charge | : Prof.D.G.More , Assistant Professor , Dept. of AHDS. |
| No. of Students Admitted | : 22 |

The learning process essentially provides a direction to the students to think and act actually to gain self confidence. Experiential learning programme helps the students to create competence, capability, and capacity building skills, expertise in short holistic development.

The syllabus includes the collaboration of Animal Husbandry and Dairy Science, Agril. Economics and Agril. Extension Education Department. The details of programme and topics covered are as under.

A. Syllabus related to broiler production: (0+15): In the course layout of this course includes orientation of poultry farming, selection of site for poultry unit, preparation of poultry shed , preparation of poultry litter, care of day old chicks, management of light and ventilation in poultry shed as per environmental condition, formulation of feed for broiler starter and finisher, judging, selection and culling of poultry birds, medication of birds through feed and water, watering and feeding to birds and recording of it, identification of endo and ecto parasites, postmortem examination and identification of specific diseases and collection of diseases samples, recording of body weight, selection of fertile egg, maintaining the record for cost of rearing, grading of birds, vaccination in poultry, dressing of chicken, marketing of chicken and egg , disposal of poultry waste or preparation of farm yard manure and preparation of report.

(Course teachers: Prof. D.G.More ,Dr. R.A.Patil and Dr. P.V.Padghan)

B. Economics of broiler production: (0+3): Economics of production and marketing of broiler, preparation of bank proposals, SOWT analysis, Indian poultry (Course teacher: Dr. R. D. Shelke, Associate Professor, Department of Agricultural Economics)

C. Extension of Broiler Production: (0+2): Awareness of broiler production, Report on Commercial Broiler production, report on poultry visit, Contract poultry farming . (Course teacher: Dr. D.D.Suradkar, Assistant Professor, Department of Extension Education)

D. Number of students registered for the module: 22 (Twenty two)

E. Visit of dignitaries to the ELP module on Commercial Broiler production:

1. Dr. V. D. Patil, Director of Instruction, VNMKV, Parbhani along with Dr. B.M. Thombre, Associate Dean & Principal, College of Agriculture, Latur and Shri. Ajayrao Gavhane, Member of Executive Council VNMKV, Parbhani and Shri Sharadji Hivale, Member of Executive Council VNMKV, Parbhani, visited on 24-01-2019.
2. Dr. P.G. Ingole, Director of Extension, VNMKV, Parbhani visited Module.
3. Dr. P. N. Karanjikar, Professor, College of Agriculture, Ambajogai and Dean's nominee, for ELP module supervision at Latur visited on dated 20.02.19.



F. **Experience sharing:** Team work, work nature, and management skill are developed within students through different activities like Selection of site for poultry unit, preparation of poultry shed, preparation of poultry litter, care of day old chicks, management of light and ventilation in poultry shed as per environmental condition, formulation of feed for broiler starter and finisher, judging, selection and culling of poultry birds, medication of birds through feed and water, watering and feeding to birds and recording of it, identification of endo and ecto parasites, postmortem examination and identification of specific diseases and collection of diseases samples, recording of body weight, selection of fertile egg, maintaining the record for cost of rearing, grading of birds, vaccination in poultry, dressing of chicken, marketing of chicken and egg, disposal of poultry waste or preparation of farm yard manure and preparation of project report and working of self help group.



ELP -II

Course Title : Mushroom Production Technology

Course No. : AEL. PATH-486

ELP In charge : **Dr. S. J. Magar**, Assistant Professor of Plant Pathology

No. of Students admitted : 23

The learning process essentially provides a direction to the students to think and act actually to gain self confidence. Experiential learning programme helps the students to create competence, capability, and capacity building skills, expertise in short holistic development.



The syllabus includes the collaboration of Plant Pathology, Agril. Entomology and Agril. Economics, Agril. Extension Education Department. The details of programme and topics covered are as under.

ELP on Mushroom Production Technology: (0+20):

- A) Mushroom Pathology: (0+14):** Introduction to mushroom production techniques of various types of mushrooms, Nutritional and medicinal importance of mushroom, acquaintance with equipments and materials required for spawn production as well as mushroom production. Cultivation of oyster mushroom and its species on various substrates. Different methods of spawning and bed preparation, care and maintenance during spawn run period. Cropping and harvesting of mushroom, preservation of mushroom, recipes of mushrooms, post harvest management of mushroom, diseases of mushrooms, Yield and yield contributing characters of mushroom, utilisation of spent straw. etc. were studied. (Course teachers: Dr. S.J. Magar)
- B) Mushroom Entomology: (0+2):** Introduction to pests of mushrooms, identification of insect pests of mushroom, pest management in mushroom house was studied. (Course teacher: Dr. V.K. Bhamre)
- C) Mushroom Economics: (0+2):** Maintenance of records in mushroom house, economics of mushroom cultivation and preparation of bankable proposals of mushroom were studied. (Course teacher: Dr. R.D. Shelke)
- D) Mushroom Extension: (0+2):** Role of mushroom in rural socio cultural environment, importance of mushroom cultivation in up gradation of economically weaker sector of society, various methods of popularizing mushroom production technique in farmers as an additional source of income were studied. (Course teacher: Dr. D.D. Suradkar)
- E) Number of students registered for the module: 22 (Twenty Two)**
- F) Visit of dignitaries to the ELP module on Mushroom production technology:**
1. Dr. B.M.Thombre, Associate Dean & Principal, College of Agriculture, Latur visited module along with Dr. V.G. Mulekar and Dr. B.S. Indulkar, on 2-02-2019.
 2. Dr. P.N. Karanjkar, Professor, College of Agriculture, Ambejogai and Dean's nominee, for ELP module supervision at Latur visited along with Dr. V.K. Bhamre, Dr. R.D. Shelke and Dr. D.D. Suradkar on 28 -02-2019.
- G) Activities done:**
- Cleaning and washing of mushroom shed.
 - Sterilization of mushroom shed with formalin and spirit.
 - Cutting and overnight soaking of Soyabean straw.
 - Mushroom bed filling.
 - Mushroom bed filling Three times..
 - Harvesting of mushroom.
 - Subsequent harvestings of mushroom at weekly intervals.



EPL.III

Course Title : Commercial Sericulture

Course No. : AEL. ENTO-486

ELP In charge : **Dr. V.K.Bhamare**, Associate Professor of Entomology

No. of Students admitted : 22





ELP IV

Course Title : Commercial Vegetable Production
Course No. : AEL. HORT-486
Module In charge : **Dr. V.S. Jagtap**, Associate Professor of Horticulture
No. of Students admitted : 22

The ELP programme AEL-486 (0+20) “Commercial Vegetable Production” conducted in summer semester 2018-19. The 22 students allotted to this department and the crops like spinach, methi, coriander, cabbage, potato, chukka and amaranths are cultivated in shed net houses. These crops harvested and sale in local market.



Discipline, Conduct and Anti Ragging Cell

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

The action taken as under:

- Formulate the discipline and conduct committee and monitoring college premises.



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

PG Programme:

This college offers PG degree programme in 9 disciplines namely Agronomy , Animal husbandry and Dairy science, Agricultural Botany, Agricultural Economics, Agricultural Entomology, Extension Education ,Horticulture,PlantPathology and Soil Science and Agricultural Chemistry. The M.Sc. (Agri) degree programme is of two years duration spread over 4 semesters. The student have complete 50 credits, out of which 35 credits are of course work and 15 credits of research (thesis) work.. Total 212 students adimitted during the academic year 2017-18 and 2018-19.

Students admitted for PG programme during 2017-18 and 2018-19.

| Year | Number of students admitted | | | ICAR | Open | SC | NT | ST | OBC |
|--------------|-----------------------------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Boys | Girls | Total | | | | | | |
| 2017-18 | 68 | 40 | 108 | 02 | 33 | 15 | 20 | 08 | 29 |
| 2018-19 | 74 | 30 | 104 | 02 | 43 | 11 | 17 | 06 | 25 |
| Total | 142 | 70 | 212 | 04 | 76 | 26 | 37 | 14 | 54 |

Discipline -wise research work conducted and dissertations submitted by M.Sc. (Agri.) students during 2018-19

1. Agronomy

| Sr. No. | Students Name | Title of the Thesis/Dissertation | Research Guide |
|---------|---------------|---|------------------------|
| 1. | Arkas K.S | Response of French bean (<i>Phaseolus vulgaris</i> L.) various fertilizer grades in <i>kharif</i> season | Dr.P.N.Karanjekar |
| 2. | Bhusari S. A. | Growth and yield of <i>rabi</i> sunflower (<i>Helianthus annuus</i> L.) as influenced by absorbents, organic and inorganic fertilizers | Prof. A. K. Ghotmukale |
| 3. | Gaikwad S.R. | Response of linseed (<i>Linum usitatissimum</i> L.) varieties to different spacing and fertilizer levels | Dr. V. P. Suryavanshi |
| 4. | Gavhane M.A. | Response of castor (<i>Ricinus communis</i> L.) to fertilizer levels and plant geometry under different land configurations | Dr. S.P. Kausalye |



| | | | |
|----|--------------|--|------------------------|
| 5. | Jadhav D. B. | Studies on growth and yield of cowpea (<i>Vigna unguiculata</i> L. Walp) varieties as influenced by different spacings | Prof. K.T. Jadhav |
| 6. | Kasle S.V. | Studies on growth, yield and quality of niger (<i>Guizotia Abyssinia</i> Cass) as influenced by graded levels of fertilizer and plant density | Prof. N. K. Kalegore |
| 7. | Kirde G.D. | Integrated weed management in <i>kharif</i> groundnut (<i>Arachis hypogea</i> L.) | Prof. A. K. Ghotmukale |
| 8. | Raut S.S. | Growth, yield and quality of niger (<i>Guizotia Abyssinia</i> Cass) as influenced by integrated nitrogen management | Prof. N. K. Kalegore |
| 9. | Samudre S.S. | Integrated weed management in soybean (<i>Glycine max</i> L.) | Prof. K.T. Jadhav |

2. Animal Husbandry and Dairy science

| Sr. No. | Students Name | Title of the Thesis/Dissertation | Research Guide |
|-------------------------|----------------|--|--------------------|
| Animal Husbandry | | | |
| 1. | Gaikwad B.S. | Effect of Fenugreek (<i>Trigonella Foenum-Graceum</i> L.) Seed Powder As A Natural Feed Additive On Growth | Dr. R. A. Patil |
| 2. | Gavit S.K. | Studies on marketing of goat in osmanabad district | Dr. A. T. Shinde |
| 3. | Gore S. M. | Studies on Effect of Climatic Parameters on Milk Quantity and Quality of Holdeo Cross Bred Cattle | Dr. D. S. Chavan |
| 4. | Gujjarwar S.V. | Effect of Ginger (<i>Zingiber officinale</i>) as a Natural Feed Additive on Growth performance of broilers | Dr. R. A. Patil |
| 5. | Patange S.B. | Studies on Effect of Climatic Parameters on Milk Quantity And Quality of Deoni Cattle | Dr. D. S. Chavan |
| 6. | Shinde S.S. | Evaluation of Draftability of Non-Descript Bullock in Latur District | Dr. R. A. Patil |
| Dairy Science | | | |
| 7. | Ingle R.R. | Preparation of Healthy fruit based <i>channa</i> whey beverage by using kiwi (<i>Actinidiadeliciosa</i>) fruit extract | Prof. K. R. Chavan |
| 8. | Kakde A.G. | Studies on Process Standardization for Preparation of Wheatgrass (<i>Triticum aestivum</i>) <i>Lassi</i> from Buffalo Milk | Prof. D. G. More |
| 9. | Sawant V.R. | Development of Alcoholic Beverage from <i>Paneer</i> Whey by using yeast culture as an adjunct | Dr. P. V. Padghan |
| 10. | Shingare J.D. | studies on effect of wheat grass (<i>triticum aestivum</i>) extract on quality of dahi | Dr. P. V. Padghan |
| 11. | Waghamare S.S. | Studies on method for preparation of <i>shrikhand</i> by using ginger powder | Prof. B.C. Andhare |
| 12. | Wavhal A.S. | Development of alcoholic beverage from <i>chakka</i> whey by using yeast as an adjunct | Dr. P. V. Padghan |



3. Agricultural Botany

| Sr. No. | Students Name | Title of the Thesis/Dissertation | Research Guide |
|---------|---------------|--|-------------------|
| 1. | Chavan T.A. | Genetic variability study in segregating generations of Okra (<i>Abelmoschus esculentus</i> L.) | Dr. P.B. Wadikar |
| 2. | Dake A.D. | Heterosis and combining ability studies in Sunflower (<i>Helianthus annuus</i> L.) | Dr. M.K. Ghodke |
| 3. | Dake M.R. | Combining ability studies for yield and yield contributing characters in Safflower (<i>Carthamus tinctorius</i> L.) | Dr. V.N. Toprope |
| 4. | Deshmukh A.S. | Line x tester analysis for seed yield and seed yield contributing traits in Sesame (<i>Sesamum indicum</i> L.) | Dr. A.M. Misal |
| 5. | Doke S.R. | Combining ability and heterosis in Sunflower (<i>Helianthus annuus</i> L.) | Dr. M.K. Ghodke |
| 6. | Ingle N.P. | Line x tester analysis for grain yield and yield contributing traits in Wheat (<i>Triticum aestivum</i> L.) | Dr. P.B. Wadikar |
| 7. | Sai P.K. | Mutation studies in confectionary type of Sunflower (<i>Helianthus annuus</i> L.) | Dr. V.N. Toprope |
| 8. | Naik G.H. | Studies on genetic diversity in multiheaded inbred lines of Sunflower (<i>Helianthus annuus</i> L.) | Dr. M.K. Ghodke |
| 9. | Salunke P.M. | Genetic variability for drought tolerance in Groundnut (<i>Arachis hypogaea</i> L.) | Dr. M.V. Dhuppe |
| 10. | Ubale D.L. | Diallel studies in bread Wheat (<i>Triticum aestivum</i> L.) | Prof. S.T. Rathod |

4. Agricultural Economics

| Sr. No. | Students Name | Title of the Thesis/Dissertation | Research Guide |
|---------|---------------|---|-----------------|
| 1. | Chatse D.B. | Economics of production and marketing of Summer Groundnut in Hingoli District of Maharashtra State | Dr.D.S.Perke |
| 2. | Dalvi S.P. | Economic analysis of production and marketing of Chickpea in Buldhana District of Maharashtra State | Dr.K.V.Deshmukh |
| 3. | Dhokar N.R. | Performance of pulse crops in Marathwada region of Maharashtra State | Dr.S.S.More |
| 4. | Gaikwad R.A. | Economic Appraisal of Agricultural Development in Beed District of Maharashtra | Dr.K.V.Deshmukh |
| 5. | Meshram D.U. | Economic analysis of tribal farm in Gadchiroli District of Maharashtra | Dr.S.S.More |
| 6. | More M.B. | Comparative study of production and marketing of Kharif vis-à-vis Rabi Onion in Ahmednager District of Maharashtra State. | Dr.R.D.Shelke |



| | | | |
|-----|---------------|---|-----------------|
| 7. | Mulik S.S. | Performance of oilseed crops in Marathwada region of Maharashtra State | Dr.S.S.More |
| 8. | Navsare D. J. | Price analysis of selected Agricultural commodities in Ahmednagar District | Dr.D.S.Perke |
| 9. | Parve S. R. | Economic analysis of Crop and Dairy enterprise combination in Latur District of Maharashtra | Dr.R.D.Shelke |
| 10. | Sable S.N. | Economic analysis of production and marketing of Wheat in Solapur District of Maharashtra | Dr.K.V.Deshmukh |

5. Agricultural Entomology

| Sr. No. | Students Name | Title of the Thesis/Dissertation | Research Guide |
|---------|---------------|---|-----------------------|
| 1. | Bade A.S. | Detection of insecticidal resistance in <i>Helicoverpa armigera</i> (Hubner) infesting pigeonpea and chickpea | Dr. V.K. Bhamare |
| 2. | Bhosale R.S. | Effect of growth regulators on biology and economic traits of bivoltine mulberry silkworm (<i>Bombyx mori L.</i>) | Dr. P. K. Nalwandikar |
| 3. | Dhembare R.D. | Field life-tables and population dynamics of major insect-pests of sunflower intercropped with pigeonpea | Dr. V. K. Bhamare |
| 4. | Jaybhay M.B. | Effect of dietary supplement treated mulberry leaves on life-cycle and economic traits of mulberry silkworm (<i>Bombyx mori L.</i>) | Dr. V.K. Bhamare |
| 5. | Kate A.M. | Detection of insecticidal resistance in <i>Leucinodes orbonalis</i> (Guenee) infesting brinjal | Dr. V.K. Bhamare |
| 6. | Kharade V.G. | Seasonal incidence and chemical management of major insect-pests of brinjal | Dr. D.S. Mutkule |
| 7. | Kumbhar S.C. | Seasonal incidence and chemical management of safflower aphid | Dr. D. S. Mutkule |
| 8. | Rupnar S.K. | Survival and development of bollworms and expression of Cry toxin on <i>Bt</i> cotton hybrids of different events | Dr. V. K. Bhamare |
| 9. | Sakhare V.M. | Varietal preference and biology of groundnut bruchid, <i>Caryedon serratus</i> (Olivier) | Dr. D.S. Mutkule |
| 10. | Sangle R.M. | Biology and life-fecundity of <i>Helicoverpa armigera</i> (Hubner) on pigeonpea at different temperature levels | Dr. S. S. Shetgar |
| 11. | Shelke S.S. | Field life-tables and population dynamics of Lepidopteran pests infesting green gram, black gram and pigeonpea | Dr. S. S. Shetgar |



6. Agricultural Extension Education

| Sr. No. | Students Name | Title of the Thesis/Dissertation | Research Guide |
|---------|---------------|---|--------------------|
| 1. | Kakde L. B. | Adoption of Dryland Farming Technologies | Dr. M. I. Khalge |
| 2. | Kavar K. A. | Socio-Economic, Psychological And Situational Causes of Farmers Suicides in Aurangabad District | Dr. J.M.Deshmukh |
| 3. | Anarase M.S. | Attitude And Participation of Rural Youth in Village Developmentactivities | Dr.D.D. Suradkar |
| 4. | Wagh P. S. | Farming Distress Orientation among the Farmers in Latur District | Dr. J. M. Deshmukh |
| 5. | Swami P.S. | Knowledge And Adoption of Sericulture Technology by Farm Women. | Dr. V. B. Kamble |
| 6. | Shendge R.V. | Socio-Economical, Psychological and Situational Causes of Farmers Suicides in Latur District | Dr. J.M.Deshmukh |
| 7. | Chikane S.R. | Entrepreneurial Behaviour of Self Help Group Members | Dr. V. B. Kamble. |
| 8. | Chavan S.D. | Farming Distress Orientation Among the Farmers in Latur District | Dr. J. M. Deshmukh |
| 9. | Pudke S.S. | Attitude of Farmers Towards Use of Mobile Phone Services In Transfer of Agricultural Technology | Dr. D.D. Suradkar |
| 10. | Pole V.R. | Knowledge And Adoption of Recommended Tomato Production Technology by the Grower | Dr. V.B. Kamble |
| 11. | Dhavne Y.P. | Knowledge And Adoption of Biofertilizers by Turmeric Growers | Dr. S. G. Puri |
| 12. | Lamkane.Y.S. | Attitude of Farmers Towards Recommendation of Soil Health Card” | Dr.D.D.Suradkar |

7. Horticulture

| Sr. No. | Students Name | Title of the Thesis/Dissertation | Research Guide |
|---------|----------------------|--|-------------------|
| | Fruit Science | | |
| 1. | Jadhav A. R. | Studies on different levels of fertigation in pomegranate (<i>Punica granatum</i> L) Cv. Super Bhagwa | Dr. R. D. Dheware |
| 2. | Paralkar P. D. | Effect of chemicals on fruit retention and quality of mango (<i>mangifera indica</i> l.) cv. Kesar” | Dr. S. G. Patil |
| 3. | Pawar R. S. | Studies on success and growth of softwood grafts in diffreent custard apple (<i>Annona squamosa</i> l.) cultivars | Dr. G. R. Munde |
| 4. | Shinde M. K. | Effect of different levels of pruning on growth, yield and quality of Guava. | Dr. R. D. Dheware |
| 5. | Tagad S. S. | Effect of foliar application of plant growth regulators and micronutreients on growth, quality and yield of acid lime (<i>Citrus aurantifolia</i> L.) | Dr. M. B. Patil |



| | | | |
|-----|--------------------------|---|-------------------|
| 6. | Urade P. S. | Studies on effect of soil and leaf nutrient status on tamarind (<i>Tamarindus indica</i> L.) | Dr. R. D. Dheware |
| | Vegetable Science | | |
| 7. | Daware S. B. | Studies on heterosis and combining ability in chilli (<i>Capsicum annuum</i> L.) | Dr. V.S. Jagtap |
| 8. | Dhumal T. L. | Generation mean analysis in ridge gourd (<i>Luffa acutangula</i> L.) | Dr. V.S. Jagtap |
| 9. | Kale N. S. | Evaluation of different organic growth promoter on growth and yield of leafy vegetables | Dr. A.S. Kadam |
| 10. | Kolekar R. B. | Studies on heterosis and combining ability in brinjal. | Dr. V.S. Jagtap |
| 11. | Sogam O. A. | Generation mean analysis in bitter gourd (<i>Momordica charantia</i> L.) | Dr. V.S. Jagtap |

8. Plant Pathology

| Sr. No. | Students Name | Title of the Thesis/Dissertation | Research Guide |
|---------|---------------|---|----------------------|
| 1. | Burgute K.A. | Management of major fungal fruit rots in pomegranate | Dr. S.J. Magar |
| 2. | Dhavan S.S. | Studies on Seed mycoflora of popularly grown soybean cultivars from Marathwada | Dr. S.J. Magar |
| 3. | Ghalgir R.R. | Compatibility OF <i>Bradyrhizobium japonicum</i> with various pesticides in soybean (<i>Glycine max</i> L. Merrill) | Dr. A.P. Suryawanshi |
| 4. | Godase N.N. | Eco -friendly Management of Rizome Soft rot of Ginger caused by <i>Pythium aphanidermatum</i> | Dr. B.P. Dandnaik |
| 5. | Hurule S.S. | Management of Alternaria leaf spot (<i>Alternaria spp.</i>) of okra | Dr. A.P. Suryawanshi |
| 6. | Kanase K.M. | Management on Anthracnose of Mungbean caused by <i>Colletotrichum lindemuthianum</i> (Sacc. and Magn.) Briosi et Cav. | Dr. A.S. More |
| 7. | Markad H.N. | Studies on Sesamum Phyllody caused by Phytoplasma. | Dr. S.J. Magar |
| 8. | Navale M.D. | Management of Powdery Mildew of Ridge gourd caused by <i>Erysiphe cichoracearum</i> DC | Dr. A.P. Suryawanshi |
| 9. | Patange A.S. | Studies on Seed mycoflora of popularly grown chickpea cultivars from Marathwada | Dr. S.J. Magar |
| 10. | Raner R.B. | Management of <i>Macrophomina phaseolina</i> infecting sesame | Dr. A.P. Suryawanshi |
| 11. | Reddy V.V. | Studies on Groundnut (<i>Arachis hypogea</i>) Alternaria Leaf Blight Caused by <i>Alternariaspp.</i> | Dr. A.S. More |
| 12. | Sarode S.G. | Management of Mungbean Yellow Mosaic Virus disease of Greengram | Dr. S.J. Magar |



9. Soil Science and Agricultural Chemistry

| Sr. No. | Students Name | Title of the Thesis/Dissertation | Research Guide |
|---------|----------------|--|-------------------|
| 1. | Aundhakar A.V. | Soil site Suitablity evaluation of Cotton growing soils of beed district, Maharashtra | Dr.P.H.Vaidya |
| 2. | Ingole A.J. | Nutrient status of cotton growing soil and cotton crop in Nanded district of Maharashtra. | Dr.P.H.Vaidya |
| 3. | Jadhao L.S. | Effect of potassium and zinc on growth, nutrient uptake yield and quality of soybean in inceptisol. | Dr.B.S. Indulkar |
| 4. | Kachave R.R. | Effect of phosphorus and PSB on growth, nutrient uptake, yield and quality of black gram in Inceptisol | Dr.B.S. Indulkar |
| 5. | Kadam D.V. | Effect of phosphorous and zinc on growth, nutrient uptake ,yield and quality of groundnut in Inceptisol. | Dr.B.S. Indulkar |
| 6. | Kadam V.S. | Effect of Chemical Fertilizer and bio fertilizer on growth, nutrient uptake, yield and quality of groundnut in Inceptisol. | Dr.B.S. Indulkar |
| 7. | Lokhande P.B. | Effect of phosphrous and zinc on growth, nutrient uptake, yield and quality of green gram. | Dr.B.S. Indulkar |
| 8. | Padghan A.D. | Effect of Foliar application of micronutrient on growth and yield of green gram. | Dr.V.G. Takhankar |
| 9. | Patil A.M. | Economic assessment of Tank Silt Hybridized Soils of Latur and Osmanabad District. | Dr.P.H.Vaidya |
| 10. | Sonune P.N. | Evaluation of custard apple growing soils of Beed District of Maharashtra | Dr.P.H.Vaidya |
| 11. | Wagh C.B. | Assessment of soil organic carbon stock and sequestration potential under different land uses | Dr.P.H.Vaidya |





Department -wise seminars delivered by M.Sc. (Agri.) students during 2018-19

1. Agronomy

| Sr. No. | Name of the student | Title of the seminar |
|---------|---------------------|--|
| 1. | Arkas K.S | Response of French bean (<i>Phaseolus vulgaris</i> L.) various fertilizer grades in <i>kharif</i> season |
| 2. | Bhusari S. A. | Growth and yield of <i>rabi</i> sunflower (<i>Helianthus annuus</i> L.) as influenced by absorbents, organic and inorganic fertilizers |
| 3. | Gaikwad S.R. | Response of linseed (<i>Linum usitatissimum</i> L.) varieties to different spacing and fertilizer levels |
| 4. | Gavhane M.A. | Response of castor (<i>Ricinus communis</i> L.) to fertilizer levels and plant geometry under different land configurations |
| 5. | Jadhav D. B. | Studies on growth and yield of cowpea (<i>Vigna unguiculata</i> L. Walp) varieties as influenced by different spacings |
| 6. | Kasle S.V. | Studies on growth, yield and quality of niger (<i>Guizotia Abyssinia</i> Cass) as influenced by graded levels of fertilizer and plant density |
| 7. | Kirde G.D. | Integrated weed management in <i>kharif</i> groundnut (<i>Arachis hypogea</i> L.) |
| 8. | Raut S.S. | Growth, yield and quality of niger (<i>Guizotia Abyssinia</i> Cass) as influenced by integrated nitrogen management |
| 9. | Samudre S.S. | Integrated weed management in soybean (<i>Glycine max</i> L.) |

2. Animal Husbandry and Dairy Science

| Sr. No. | Name of the student | Title of the seminar |
|---------|---------------------|---|
| 1. | Madavi H. J. | Strategies for improvement of fodder production and utilization for enhancement of milk and meat production |
| 2. | Meshram P.B. | Advances in anaerobic fermentation techniques for conservation of forage for small holders |
| 3. | Pandit D. M. | Disposal and utilization of animal waste |
| 4. | Parade A. K. | Organic poultry production |
| 5. | Tidke U.T. | Methane emission in livestock production and its mitigation |
| 6. | Uikey V. S. | The recent technology of feed and fodders processing |
| 7. | Andurkar N.N. | Detection and quantification of formalin adulteration in cow milk using near infrared spectroscopy combine with multivariate analysis |
| 8. | Bhandage B.B. | Small scale dairy industry: socio economic challenges sustainability and innovation |
| 9. | Chavan P. B. | Thermosonication as an Upcoming Technology in the Dairy Industry |
| 10. | Deshmukh A.P. | Degradation and Stability of Milk and Milk Products Flavour |



| | | |
|-----|--------------|---|
| 11. | Mhetre S. R. | Development of new functional dairy product at household level: prospect and challenges |
| 12. | Patil S. B. | Development of dairy product fortified with dietary fiber |

3. Agricultural Botany

| Sr. No. | Name of the student | Title of the seminar |
|---------|---------------------|---|
| 1. | Ailwar B. P. | Genetic analysis in single cross in Sunflower. |
| 2. | Atlawar S.S. | Genetic parameters, correlation coefficient & path analysis for Niger improvement. |
| 3. | Bharat G.B. | Yield and quality analysis of maize in different types of crosses. |
| 4. | Chavan M.V. | Role of mutation breeding in Groundnut improvement. |
| 5. | Dasari R.V. | Genetic Variability studies in Mesta. |
| 6. | Dhare S.L. | Genetic improvement in Safflower. |
| 7. | Karande P.H. | Gene action and restores lines of Sunflower. |
| 8. | Magar M. R. | Conventional and molecular approaches for genetic improvement in Cowpea. |
| 9. | Mane A.A. | Assessment of genetic variability for yield and physio-chemical properties of Chickpea. |
| 10. | Rathod P.S. | Genetic analysis in three way crosses in Sunflower. |
| 11. | Sonawane S.J. | Study on diallel analysis in Sesame. |
| 12. | Thorat G.S. | Molecular breeding in Chickpea improvement. |

4. Agricultural Economics

| Sr. No. | Name of the student | Title of the seminar |
|---------|---------------------|--|
| 1. | Sayyad A.A. | Agriculture Price Policy and Food Policies of Government |
| 2. | Awchar A.A. | Doubling of farmers income |
| 3. | Bhong M.S. | Water conservation scheme (Jalyukt Shivar Abhiyan) |
| 4. | Bodakhe G.M. | Yield gap analysis of Sugarcane in Maharashtra |
| 5. | Dhurve S.R. | Agricultural Labour market in India-Issues and trend |
| 6. | Gawade P.V. | Current status of Strawberry in Satara District |
| 7. | Ingle A.B. | Global climate changes in Scenario |
| 8. | Jain A.B. | Rashtriya Krishi Vikas Yojana(RKVY) |
| 9. | Kharat A.A. | E-NAM |
| 10. | Mahindrakar S.M. | Export and Import of pulses from India and their socio-economic impact |

5. Agricultural Entomology

| Sr. No. | Name of the student | Title of the seminar |
|---------|---------------------|---|
| 1. | Desai R.U. | Insecticidal resistance in brinjal shoot and fruit borer |
| 2. | Deshmukh K.V. | Influence of temperature on pink bollworm |
| 3. | Ingale A.S. | Invasive pest: Fall or American armyworm |
| 4. | Ingale D.G. | Fate of <i>Bt</i> technology in the outlook of pink bollworm outbreak |
| 5. | Kamble A.U. | Role of disinfectants in sericulture |



| | | |
|----|------------------|--|
| 6 | Kuyate M.S. | <i>Trichogrammatoidea bactrae</i> Nagaraja: A potent bio-agent |
| 7 | Patwari A.B. | Bioluminescence in insects |
| 8 | Pise A.G. | Insecticidal resistance in sucking pests of solanaceous vegetables |
| 9 | Shelke S.H | Effect of intercropping on insect-pests and natural enemies |
| 10 | Suryakamble R.B. | Role of probiotics in sericulture |

6. Agricultural Extension Education

| Sr. No. | Name of the student | Title of the seminar |
|---------|---------------------|---|
| 1. | Bhosale G.S. | Agriculture finance: Challenge and Opportunity of the decade |
| 2. | Dhawale S.P. | Sustainable Agriculture-Boon for future generation |
| 3. | Gaikwad D.S. | Experiential Learning Programme - A way to change attitude of Agriculture Graduates |
| 4. | Gawali M.B. | Electronic Media in Agriculture |
| 5. | Gayki G.D. | Jalyukt Shivar Abhiyan: Prosperous Farming |
| 6. | Ghughe B.Y. | Pink ballworm: A headache to Bt cotton growers |
| 7. | Kamble S.S. | Involvement of rural youth in Agriculture development |
| 8. | Kanhadkar B.R. | Revolution in Red Gram: BDN711 |
| 9. | Mundhe S.D. | Global climate change: The scenario |
| 10. | Shinde M.B. | Kisan Mobile Advisory Services-A means to empower farmer |
| 11. | Shinde P.T. | Print Media in Agriculture |
| 12. | Zade P.S. | Agriculture Enterprises: A helping hands for rural youth |

7. Horticulture

| Sr. No. | Name of the student | Title of the seminar |
|--------------------------|---------------------|--|
| Fruit Science | | |
| 1. | Jadhav A. R. | Fertigation studies in fruit crops |
| 2. | Paralkar P. D. | Causes and remedies for fruit drop in mango |
| 3. | Pawar R. S. | Micro propagation in fruit crops |
| 4. | Shinde M. K. | Packages of practices for guava production under high density planting |
| 5. | Tagad S. S. | Utility of micronutrients in citrus production |
| 6. | Urade P. S. | Leaf nutrient standards for different fruit crops |
| Vegetable Science | | |
| 1. | Daware S. B. | Improvement in chilli through breeding |
| 2. | Dhumal T. L. | Generation mean analysis in cucurbitaceous crops |
| 3. | Kale N. S. | Utility of plant growth regulators in yield maximization of okra |
| 4. | Kolekar R. B. | Improvement of brinjal through breeding |
| 5. | Sogam O. A. | Genetic improvement in bitter gourd. |

8. Plant Pathology

| Sr. No. | Name of the student | Title of the seminar |
|---------|---------------------|---|
| 1. | Bagul V.K. | Role of <i>Pseudomonas fluorescence</i> in agriculture and their compatibility with agrochemicals |
| 2. | Bhosale A.R. | Role of phosphorus (P) and potassium solubilising microorganism in agriculture and their compatibility with agrochemicals |



| | | |
|-----|--------------|--|
| 3. | Dethe G.P. | Biology, epidemiology and integrated management of fungal, bacterial and viral pathogen causing diseases of pigeon pea |
| 4. | Dhavale R.A. | Biology epidemiology and post harvest management of fruit rot of banana caused by fungi and bacteria |
| 5. | Jadhvar J.B. | Seed priming in management of plant diseases |
| 6. | Jaiswal K.L. | Application of nanomolecules in plant disease management |
| 7. | Kadam P.N. | Biology, epidemiology and integrated management of fungal, bacterial and viral pathogen causing diseases of chilli |
| 8. | Khilare P.R. | Studies on detection and management of different seed mycoflora of pigeon pea |
| 9. | Rothe A.S. | Biology, epidemiology and integrated management of fungal, bacterial and viral pathogen causing diseases of chick pea |
| 10. | Sanap S.B. | Biology, epidemiology and integrated management of fungal, bacterial and viral pathogen causing diseases of tomato |
| 11. | Shinde P.A. | Biology, epidemiology and integrated management of fungal, bacterial and phytoplasmal pathogen causing diseases of brinjal |

9. Soil Science & Agricultural Chemistry

| Sr. No. | Name of the student | Title of the seminar |
|---------|---------------------|---|
| 1. | Borkar M.S. | Nutrient management through organic product in vegetables. |
| 2. | Deshmukh A.V. | Leaf reddening in Cotton and their management |
| 3. | Deshpande P.S. | Effect of levels of fertilizers and biofertilizer on growth, nutrient uptake, yield and quality of cowpea |
| 4. | Jadhav M.B. | Management of organic and inorganic fertilizers on growth, yield, nutrient uptake and quality of Sweetcorn. |
| 5. | Landge R.B. | Effect of phosphorus and sulphur levels on growth, nutrient uptake, yield and quality of blackgram. |
| 6. | Lilhare M.A. | Influence of graded fertilizer levels and zinc on growth, nutrient uptake, yield and quality of sesame (<i>Sesamum indicum</i> L.) in Inceptisol. |
| 7. | Narute R.M. | Effect of organic and inorganic fertilizers on growth, yield and quality of Chilli. |
| 8. | Nawkhare A.D. | Assessment of soil quality, Babhalgaon, village of Latur district for soil health and land resources management by using remote sensing and GIS techniques. |
| 9. | Sutar A.U. | Effect of foliar application of organic amendments of soybean. |
| 10. | Thale L.R. | Integrated nutrient management in pomegranate. |
| 11. | Thosar G.D. | Effect of potassium and zinc application on growth, nutrient uptake, yield and quality of sunflower in Inceptisol. |
| 12. | Titirmare N.S. | Effects of integrated nutrient management in potato. |

AGRESCO AND JOINT AGRESCO RESEARCH:

- Research activities conducted at College of Agriculture, Latur were presented in respective sessions of AGRESCO and Joint AGRESCO meetings.
- Prof. H.W. Awari, Assistant Professor of Agricultural Engineering made one Recommendation in the Joint AGRESCO: The drainage coefficient values developed by Vasant Rao Marathwada Krishi



Vidyapeeth are recommended for the design of surface drainage systems for Tahasils of Jalna, Osmanabad, Beed, Latur, Nanded, Aurangabad and Parbhani districts of Marathwada.

- Dr.R.D.Shelke, Assistant Professor of Agricultural Economics, made one Recommendation in the Joint AGRESCO.
- Dr. P.H. Vaidya Associate Professor of Soil Science and Agricultural Chemistry presented three Research Projects in AGRESCO meeting.

Placement Cell and Competitive Examination:

The Placement Cell is established to encourage the students and to develop manpower for public and private sectors. The students of this college are excelling in various entrance and competitive exams *viz.*, JRF/SRF, ARS, MPSC etc. The lectures are regularly organized for preparation of public service examinations, Campus interviews by various private companies are organized for the students.

Library

Introduction:

In this age of fast developing information technology, a well developed library with information services is the basic necessity of any educational institution. The library of College of Agriculture, Latur is not an exception to this. It has played a vital role in uplifting and maintaining the educational standard of this College by providing feedback of required information to the educationalists, researchers, academic staff and students of this college through its multifarious services. At present this library successfully caters to the information needs of the academic community of this College. This library is growing day by day with the continuous growth of this College.

Mission:

The mission of the library is to provide fast access to information resources and services that meet the information needs of the users; like students, teachers, researchers, extension workers, administrative and technical staff of the College.



Objectives:

1. To provide the library and information services to students, teachers, researchers, extension workers and farmers.
2. To increase the library collection.
3. To increase the use of agricultural information sources.
4. To process and to disseminate information with modern information and communication technology
5. To cooperate with other agricultural university libraries for resource sharing

Organizational Structure of Library :

Library is located in the center of College of Agriculture, Latur campus

Organization :

The Librarian's prime duty is to organize, manage and sustain library services. In order to serve readers effectively, the library is further organized in to functional sections as below.

- Acquisition section
- Periodical and reference section
- Circulation section
- Current information service section
- Technical – processing section
- Reprographic section

Teaching Work Load (P.G.)

| Course No | Title | Non- Credits | PG | Total work load |
|-----------|----------------------------------|--------------|-----|-----------------|
| PGS-501 | Library and Information Services | 0+1 | --- | 02 |

LIBRARY COLLECTION

BOOKS

| | | |
|-------------------|---|-------------------|
| Reference Books | : | 1000 |
| Text Books | : | 10298 |
| Total Book | : | 11298 |
| Daily News Papers | : | 07 |
| Reports | : | 50 |
| Journals | : | 45 (Discontinued) |
| Thesis | : | 899 |



LIBRARY MEMBERSHIP:

Presently library services are arranged to users of following categories.

Students and staff Members:

| Sr. No. | Categories | Users |
|--------------------|--|------------|
| 1. | Under Graduate | 303 |
| 2. | Post Graduate | 218 |
| 3. | Teachers, Researchers & Administrative staff | 40 |
| Total Users | | 561 |

LIBRARY BUILDING:

The college library has been shifted to its new building in May 2007. The building is having length of 100 feet and width of 50 feet. The carpet area of Reading Room is about 1500Sq. Ft. The building has a capacity of stacking twenty five thousand volumes and can accommodate 100readers at a time.

LIBRARY SERVICE STRENGTH:

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

COMPUTERIZED LIBRARY SERVICE:

The service like circulation, cataloguing (OPAC), periodicals service, are computerized. The Library Management software KOHA is used operationally of all Services.

Availability of computers and internet facility:

Provide facility of Internet on 15 Computers. Speed of internet is 8 Mbps through leased line (OFC). Internet service is available for members of the library

DATABASES : The following databases are available in Library

(A) Offline databases

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

(B) Online databases :

1. CeRA (jgateplus.com)



2. Openj-gate.com
3. Krishiprabha
4. Krishikosh
5. Agristat.

SERVICE HOURS :

Library is kept open for 7.30 hrs a day from 09.00 AM To 04.45PM on all the working days. Reading Hall is kept open for 17hrs a day from 6.00AM to 11.00 PM on all days.

BOOK BANK SCHEME :

The Book Bank facility is started from last 10 years for the SC, ST, and Nt students of this college. Two or three textbooks are issued for the one semester.



Computer Laboratory:

Well equipped modern computer laboratory has been for conducting the practical classes of UG and PG programme. Total 48 students can use the computers at a time in the laboratory. All computers are connected through LAN with Internet facility provided by BSNL through lease line having bandwidth of 2 mbps. This facility is also provided to all departments of college of Agriculture, Latur.



Establishment of Language Lab software:

This software is installed on PC's in the Modern Computer Laboratory wherein all the students can access and learn English and other Foreign languages. Internet connectivity provided by BSNL through two lease lines is provided to all the departments, library through the activity of the computer laboratory and Dept. of Agricultural Engineering.

Farm Section:

Details of holding:

1. Total area of the farm: 65.73 ha.
2. Area under cultivation: 48 ha.25 R
3. Area under building, roads and Nala etc.: 26.99 ha.

Staff Position:

1. Farm Superintendent : 01
2. Dairy Manager : 01
3. Garden Superintendent : 01

Irrigation facilities:

1. Well : 2 Nos.
2. Tube well : 6 Nos.
3. Farm pond : 14 Nos.

Seed production programme conducted during the year 2018-19:

| Sr.No | Name of the crop | Area (ha.) | Variety | Stage | Production (qtl.) |
|-------------------------|------------------|------------|----------|---------|-------------------|
| <i>Khariif, 2018-19</i> | | | | | |
| 1. | Mung | 2.00 | BM 4 | Breeder | 1.67 |
| 2. | Udid | 1.00 | TAU 1 | Breeder | 0.45 |
| 3. | Soyabean | 3.00 | MAUS 148 | Breeder | --- |
| 4. | Pigeon Pea | 3.00 | BDN-716 | Breeder | 1.75 |

Central Instrumentation Cell (CIC):

The central Instrumentation Cell at this college has been fully equipped with sophisticated instruments being used for the chemical analysis of soil, water and plant samples of students of M.Sc. (Agri.) and farmers.



Analytical work carried out in Central Instrumentation Cell:

| Sr. No. | Name of Instrument | Parameters | Numbers of samples analyzed by students during 1 April 2018 to 31 March 2019 |
|---------|-------------------------------------|---|--|
| 1. | Electrical Conductivity Meter | Electrical conductivity | 894 |
| 2. | pH Meter | pH | 894 |
| 3. | Atomic Absorption Spectrophotometer | Iron, Manganese, Zinc Copper | 198 |
| 4. | Flame Photometer | Potassium, Sodium | 614 |
| 5. | UV Spectrophotometer | Phosphorus, Sulphur, Boron | 1223 |
| 6. | Nitrogen Analyzer | Nitrogen | 356 |
| 7. | Distillery | Distilled water, Double distilled water | 478 |
| 8. | Microwave digestion | Iron, Manganese, Zinc Copper | 198 |



ELP on commercial sericulture:

A small Sericulture Unit funded by ICAR New Delhi is established at the Department of Agricultural Entomology, College of Agriculture, Latur in order to conduct the practical classes of Experiential learning programme on commercial sericulture offered for under graduate students. The same unit is being used to conduct research work on different aspects of sericulture.

The variety of mulberry, V-1 is planted on one hectare area with the provision of drip irrigation system. In addition, four mulberry varieties viz., S-13, S-1365, S-6 and V-1 are also planted on an area of 0.5 ha. each for conducting the post graduate research work on different aspect of sericulture. The details of the mulberry plantation and silkworm rearing facility available are as under

A. Mulberry plantation details:

| Sr. No. | Name of the variety | Date of planting | Area(ha) |
|---------|---------------------|------------------|----------|
| 1. | M-5 | 9.07.2007 | 0.54 |
| 2. | S-1635 | 11.10.2007 | 0.54 |
| 3. | V-1 | 2.11.2007 | 0.54 |
| 4. | S-36 | 2.11.2007 | 0.54 |
| 5. | V-1 | Oct. 2012 | 1.000 |



B. Sericulture laboratory facilities:

| Sr. No. | Particulars | Size | Qty/No. |
|---------|-------------------------------|-------------------------|---------|
| 1. | Silkworm rearing racks | 6x4x7ft(seven tiers) | 04 |
| 2. | Iron rack stand | 4.5x2x6 ft.(nine tiers) | 01 |
| 3. | Wooden silkworm rearing trays | 3’x2’x3” | 20 |
| 4. | Plastic mountages | 6’x4’ | 04 |
| 5. | Silkworm rearing racks | | 10 |
| 6. | Silkworm rearing racks | | 05 |

Gymkhana Activities:

Celebration of Anniversaries of great national leaders during Year 2018-19:

| S.N. | Date | Day | Event Celebrated |
|------|------------|-----------|---|
| 1 | 11.04.2018 | Tuesday | Mahatma Jyotiba Phule Birth Anniversary |
| 2 | 14.04.2018 | Friday | Dr. Babasaheb Ambedkar Birth Anniversary |
| 3 | 20.04.2018 | Thursday | Mahatma Basweshwar Birth Anniversary |
| 4 | 20.05.2018 | Saturday | Maharana Pratap Singh Birth Anniversary |
| 5 | 21.05.2018 | Sunday | Rajiv Gandhi Smrati Din as anti-Terrorism & Non-Violence day |
| 6 | 26.06.2018 | Monday | Rajashree Shahu Maharaj Birth Anniversary |
| 7 | 01.07.2018 | Saturday | Vasanttrao Naik Birth Anniversary |
| 8 | 23.07.2018 | Sunday | Lokmanya Bal Gangadhar Tilak Birth Anniversary |
| 9 | 01.08.2018 | Tuesday | Shahir Annabhau Sathe Birth Anniversary |
| 10 | 03.08.2018 | Thursday | KrantsiSingh Nana Patil Birth Anniversary |
| 11 | 20.08.2018 | Sunday | Rajiv Gandhi birth anniversary as Sadbhavana Din |
| 12 | 02.10.2018 | Monday | Lalbahadur Shastri & Mahatma Gandhiji Birth Anniversary |
| 13 | 29.10.2018 | Sunday | MaharshiWalmiki Birth Anniversary |
| 14 | 31.10.2018 | Tuesday | Shrimati Indira Gandhi Smrati Din (Rastriya Sankalpa Din) |
| 15 | 31.10.2018 | Tuesday | Sardar Vallabhai Birth Anniversary |
| 16 | 19.11.2018 | Sunday | Shrimati Indira Gandhi Birth Anniversay (Rastriya Ekatmata Din) |
| 17 | 03.01.2019 | Wednesday | Savitribai Phule Birth Anniversary |
| 18 | 12.01.2019 | Friday | JijauMaSaheb Birth Anniversary |
| 19 | 12.01.2019 | Friday | Swami Vivekananda Jayanti |
| 20 | 23.01.2019 | Tuesday | NetajiSubhashchandra Bose Birth Anniversary |
| 21 | 15.02.2019 | Thursday | Sant Sevalal Maharaj Jayanti |
| 22 | 19.02.2019 | Friday | Chhatrapati Shivaji Maharaj Birth Anniversary |
| 23 | 23.02.2019 | Friday | Sant Gadge Maharaj Jayanti |
| 24 | 12.03.2019 | Monday | Yeshwantrao Chavan Birth Anniversary |
| 25 | 23.03.2019 | Friday | Shaheed Din |



Cultural Programme:

The college campus has Auditorium having capacity of 600 students for organization of various cultural activities. The various cultural activities are run through the Gymkhana, College of Agriculture, Latur for UG and PG students. Gymkhana fund is governed through students under the control of Vice President Gymkhana. The expenditure of various cultural activities is made from this fund. A separate gymkhana committee is formulated to encourage the students in order to participate in various cultural activities various cultural activities was undertaken as under.

1. International Yoga Day celebrated on 21 June, 2018 in College of Agriculture, Latur.
2. College of Agriculture organized Intercollegiate Youth Festival during 9-10 October, 2018.
3. On the occasion of Mahatma Jyotiba Phule Jayanti and Dr. Babasaheb Ambedkar jayanti continuous 18 hr study programme was organized in library college of Agriculture Latur campus.
4. On the occasion of Dr. Babasaheb Ambedkar jayanti celebrated in College campus on date 14-04-2018.
5. On the occasion of 140th Shivaji Maharaj Jayanti, sports and cultural week was organized during 12-19 February, 2019.
6. In this week, different sports competition like cricket, volley ball, kho-kho, badminton, kabaddi, chess was conducted.
7. One cricket competition was organized for staff of College of Agriculture, Latur vs. staff of VD College of Agricultural Biotechnology and Oilseed Research Station, Latur.
8. The cultural events elocution, solo dance, group dance and rangoli competition was organized.
9. College of Agriculture, Latur organized International women's day on 8th March, 2019. Dr, Vrashali Kinhalkar, Gynecologist and Councilor guided the students.
10. Various International, National day celebration and birth and death anniversary was celebrated as per Government circular No JPUTI/ 2217/ /257/29 dated 29/12/2017.

Achievements in Intercollegiate Youth Festival

| Event | Name of students | Rank |
|--------------|--|------|
| Light Vocal | Joshi Shravani | III |
| Cartooning | Deshmukh Sakshi Udaysing | II |
| Folk Dance | Renuka Londhe, Bhendekar Yeshoda, Kashid Komal, Rajashri Giri, Pallavi wathore, Shivam Ingle, Chandrashri Bansode, Nikhil Bhoite, Aparna Patil, Dhawalsingh Lawand | II |
| Lavani Dance | Renuka Londhe | I |
| Mime | Smita Raut, Waghmare Shubhangi, Dnyaneshwari Dhapse, Komal Amle, Mangesh Lagad, Prasad Bhalekar | II |



Dr. Babasaheb Ambedkar Jayanti programme



Shri Chatrapati Shivaji Maharaj Jayanti Programme





Different Cultural and Sports Events on the occasion of Shri Chatrapati Shivaji Maharaj Jayanti





Accreditation team visit





Intercollegiate youth festival





International yoga day



World environment day and plastic free campaign





Sports Activities

Sports have been an integral part of College of Agriculture, Latur for years. Its my pleasure to present Annual Sports report 2018. Keeping up the tradition, this year too, College of Agriculture, Latur has participated Intercollegiate Tournament in Various event such as VolleyBall, Kho-Kho, Chess, Kabaddi, HandBall, Organised by Student Welfare Officer, VNMKV, Parbhani. The following are some of the sports achievements by our students during the academic year 2018-19.

Inter University Participation Players

| Sr. | Name | Reg. No. | Game |
|-----|-----------------------------|-------------|-----------|
| 1. | Shyamsunder Shankar Atlawar | 2017H/89ML | Vollyball |
| 2. | Akshay Damodar Shinde | 2015AGLT100 | Vollyball |
| 3. | Sachin NamdeoPachpute | 2015AGLT076 | Vollyball |
| 4. | Valvi Shantaram Pallavi | 2016AGLT097 | Vollyball |
| 5. | Ashmika Khandu Bhalerao | 2017AGLT010 | Vollyball |
| 6. | Jyoti Bharat Jadhavar | 2017H/89ML | Kabaddi |
| 7. | Anjali Talpe | 2018A/33ML | Kabaddi |
| 8. | Bhairuba Mahadev Wakchaur | 2017A/12ML | Chess |
| 9. | Narsinha Vilas Jadhav | 2016AGLT104 | Avishkar |
| 10. | Prashant Fulchandra Gaikwad | 2017AGLT027 | Avishkar |

Sports activities are an integral part of student's career. Our students are enthusiastic sportsmen with zeal and ambition to give their best performance. Therefore College gives them best platform to show their skills by organizing sports week. In this week we organize inter class sports competition of Cricket, Volleyball, Kho-kho, Kabaddi, Chess, Badminton and different cultural events. Following are the result of sports week.

| Cricket Winner : B.Sc. (Agri) 2016 | | |
|------------------------------------|-------------------------------|-------------|
| Sr. | Name | Reg. No. |
| 1. | Hanmant Ramakant Mane | 2016AGLT058 |
| 2. | Rohit Harischandra Wakde | 2016AGLT099 |
| 3. | Shashikant Dadasaheb Gat | 2016AGLT038 |
| 4. | Shrinivas Sahebrao Surewad | 2016AGLT090 |
| 5. | Ajinkya Balasaheb Bhosale | 2016AGLT012 |
| 6. | Rushikesh Marotirao Kalyankar | 2016AGLT048 |
| 7. | Avinash Balasaheb Ballal | 2016AGLT005 |
| 8. | Ashok Mohan Dhopare | 2016AGLT029 |
| 9. | Dayanand Sakharam Awargand | 2016AGLT004 |
| 10. | Mahesh Pusaram Bansode | 2016AGLT006 |
| 11. | Omkar Ramdas Kale | 2016AGLT046 |
| 12. | Yuvraj Dinkar Pawar | 2016AGLT072 |
| 13. | Sooraj Sundarrao Bobade | 2016AGLT013 |
| 14. | Samadhan Prakash Jadhao | 2016AGLT040 |
| 15. | Akshay Sunil Ganjure | 2016AGLT037 |

| Cricket Runner Up : M.Sc. (Agri) 2017 | | |
|---------------------------------------|------------------------------|------------|
| Sr. | Name | Reg. No. |
| 1. | Bhausahab Bhagwat Bhandage | 2017A/20ML |
| 2. | Kiran Vijaykumar Deshmukh | 2017A/62ML |
| 3. | Akash Vijaykumar Deshmukh | 2017A/38ML |
| 4. | Kiran Uddhav Lande | 2017A/07ML |
| 5. | Pratik Tanaji Shinde | 2017A/83ML |
| 6. | Kishor Laxman Jaiswal | 2017A/90ML |
| 7. | Dnyaneshwar Gangadhar Ingale | 2017A/64ML |
| 8. | Amol Deoran Nawkhare | 2017A/44ML |
| 9. | Mahendra Sarjerao Borkar | 2017A/37ML |
| 10. | Nihal Shridhar Titirmare | 2017A/48ML |
| 11. | Sagar Hanumant Shelke | 2017A/71ML |
| 12. | Ranjit Uttamrao Desai | 2017A/61ML |
| 13. | Ganesh Baban Bharat | 2017A/27ML |
| 14. | Ajaj Abubakar Sayyad | 2017A/19ML |
| 15. | Suhas Ravsaheb Mhetre | 2017A/23ML |



| Volley Ball Winner : B.Sc. (Agri) 2015 | | |
|---|--------------------------------|-------------|
| Sr. | Name | Reg. No. |
| 1. | Ketan Subhashrao Chawhan | 2015AGLT20 |
| 2. | Chandrashi Jayprakash Bansode | 2015AGLT06 |
| 3. | N.Saikrishna | 2015AGLT085 |
| 4. | Vishal Anil Chandekar | 2015AGLT016 |
| 5. | Prasad Sunil Giri | 2015AGLT034 |
| 6. | Budhabhushan Girish Kumar Mane | 2015AGLT061 |
| 7. | Mahesh Mahadev Meshram | 2015AGLT098 |
| 8. | Akash Kailas Dhage | 2015AGLT024 |
| 9. | Suresh Kedarling Ghyar | 2015AGLT033 |
| 10. | Aniket Bhivsen Jogdand | 2015AGLT040 |
| 11. | Amardeep Pramod Janjal | 2015AGLT099 |
| 12. | Kapil Balasaheb Kachave | 2015AGLT041 |

| Volley Ball Runner Up : B.Sc. (Agri) 2016 | | |
|--|------------------------------|-------------|
| Sr. | Name | Reg. No. |
| 1. | Surewad Shrinivas Sahebrao | 2016AGLT090 |
| 2. | Pawar Yuvraj Dinkar | 2016AGLT072 |
| 3. | Tupe Saharsh Shamrao | 2016AGLT069 |
| 4. | Gat Shashikant Dadasaheb | 2016AGLT038 |
| 5. | Jadhav Narsinha Vilas | 2016AGLT104 |
| 6. | Pawar Rahul Bhagwatrao | 2016AGLT071 |
| 7. | Wakde Rohit Harishchandra | 2016AGLT099 |
| 8. | Dhopare Ashoke Mohan | 2016AGLT029 |
| 9. | Kalyankar Rushikesh Maotirao | 2016AGLT048 |
| 10. | Ganjure Akshay Sunil | 2016AGLT037 |
| 11. | Anarse Mahesh Ramesh | 2016AGLT002 |
| 12. | Jalli Ranjit Manoharrao | 2016AGLT043 |

| Kabaddi Winner : B.Sc. (Hon's) 2018 | | |
|--|---------------------------------|-------------|
| Sr. | Name | Reg. No. |
| 1. | Khot Pratiksha Dilip | 2018AGLT048 |
| 2. | Gavali Seeta Prakash | 2018AGLT029 |
| 3. | Shinde Vaishnavi Vilas | 2018AGLT080 |
| 4. | Wangaskar Samruddhi Shivprakash | 2018AGLT087 |
| 5. | Mail Rajashri Harishchandra | 2018AGLT054 |
| 6. | Jogdand Reshma Pandhari | 2018AGLT038 |
| 7. | Gajarwad Sakshi Balaji | 2018AGLT028 |
| 8. | Dhawale Swathi Vinod | 2018AGLT025 |
| 9. | Pushpalwr Shilpa Hanmantrao | 2018AGLT072 |
| 10. | Awhad Swati Parlhada | 2018AGLT005 |
| 11. | Sutar Priyanka Mahadev | 2018AGLT084 |
| 12. | Joshi Mansi Abhay | 2018AGLT039 |

| Kabaddi Runner Up : B.Sc. (Agri) 2015 | | |
|--|------------------------------|-------------|
| Sr. | Name | Reg. No. |
| 1. | Sharmila Ashokrao Jagtap | 2015AGLT39 |
| 2. | Dnyaneshwari Shankar Panchal | 2016AGLT160 |
| 3. | Snehal Sanjay Belekar | 2015AGLT007 |
| 4. | Shraddha Gahininath Dhonde | 2015AGLT027 |
| 5. | Bhagyashri Shrirang Sanap | 2015AGLT087 |
| 6. | Vishakha Rajkumar Mahalinge | 2015AGLT058 |
| 7. | Pooja Sandipan Chamle | 2015AGLT015 |
| 8. | Katkuri Bhargavi Reddy | 2015AGLT048 |
| 9. | Meghna Sanjay Kandekar | 2015AGLT044 |
| 10. | Yogita Lakshman Chopade | 2015AGLT021 |
| 11. | Priyanka Shantaram Borse | 2015AGLT014 |
| 12. | Supriya Suryakant Alte | 2015AGLT002 |



| Volley Ball Winner : B.Sc. (Agri) 2016 (GIRLS) | | |
|---|----------------------------------|-----------------|
| Sr. | Name | Reg. No. |
| 1. | Pisal Snehal Satish | 2016AGLT074 |
| 2. | Tapaskar Sunita Baburao | 2016AGLT094 |
| 3. | Kashid Komal Gorakh | 2016AGLT049 |
| 4. | Salunkhe Mayuri Abasaheb | 2017AGLT169 |
| 5. | Dighe Vaishali Bharat | 2016AGLT030 |
| 6. | Raut Smita Anilkumar | 2016AGLT075 |
| 7. | Bhandarwar Vaishali Ganesh | 2016AGLT009 |
| 8. | Bhendekar Yashodha Sureshrao | 2016AGLT010 |
| 9. | Khavle Dipali Govindrao | 2015AGLT052 |
| 10. | Waghmare Shubhangi Machhindra | 2016AGLT103 |
| 11. | Khandekar Sonali Babasaheb | 2016AGLT051 |
| 12. | Potdar Indaryani Chandrakant | 2016AGLT166 |

| Volley Ball Runner Up : B.Sc. (Hon's) 2017 (GIRLS) | | |
|---|---------------------------------|-----------------|
| Sr. | Name | Reg. No. |
| 1. | Patil Alka Laxmanrao | 2017AGLT066 |
| 2. | Kanure Pratiksha Suresh | 2017AGLT044 |
| 3. | Bhagat Akanksha Gajanan | 2017AGLT009 |
| 4. | Sarvade Pratiksha Ramkrishna | 2017AGLT076 |
| 5. | Mardode Pratiksha Devidas | 2017AGLT057 |
| 6. | Shinde Bharti Gajanan | 2017AGLT078 |
| 7. | Dhapse Dnyaneshwari Dattarao | 2017AGLT023 |
| 8. | Kadam Vaishali Sudhakar | 2017AGLT042 |
| 9. | Wathore Pallavi Bharatrao | 2017AGLT090 |
| 10. | Zalke Neha Dheeraj | 2017AGLT091 |
| 11. | Katmore Pratiksha Rajendra | 2017AGLT047 |
| 12. | Radkar Chaitanya Sandipan | 2017AGLT074 |

BADMINTON SINGLES(BOYS)

| Sr. | Name | Reg. No. | Rank |
|------------|----------------------------|-----------------|-------------|
| 1. | Aniket Bhivsen Jogdand | 2015AGLT040 | Winner |
| 2. | Shrinivas Sahebrao Surewad | 2016AGLT090 | Runner |

BADMINTON SINGLES (GIRLS)

| Sr. | Name | Reg. No. | Rank |
|------------|---------------------------|-----------------|-------------|
| 1. | Mardode Pratiksha Devidas | 2017AGLT057 | Winner |
| 2. | Priyanka Ashok Katke | 2015AGLT047 | Runner |

DOUBLES BADMINTON (BOYS)

| Sr. | Name | Reg. No. | Rank |
|------------|------------------------------|-----------------|-------------|
| 1. | Nihal Shirdhar Titirmare | 2017A/48ML | Winner |
| 2. | Ranjit Uttamrao Desai | 2017A/61ML | Winner |
| 3. | Dnyaneshwar Gangadhar Ingale | 2017A/64ML | Runner |
| 4. | Sandesh Bhausahab Ghorpade | 2017H/11ML | Runner |



BADMINTON MIX DOUBLES

| Sr. | Name | Reg. No. | Rank |
|-----|--------------------------|-------------|--------|
| 1. | Aniket Bhivsen Jogdand | 2015AGLT040 | Winner |
| 2. | Sharmila Ashokrao Jagtap | 2015AGLT038 | Winner |
| 3. | Nihal Shridhar Titirmare | 2017A/48ML | Runner |
| 4. | Ankita Uttam Sutar | 2017A/45ML | Runner |

KHO-KHO WINNER:- B.Sc. (Agri) 2016

| Sr. | Name | Reg. No. |
|-----|-----------------------------|--------------|
| 1. | Bhosle Ajinkya Balasaheb | 2016AGLT0121 |
| 2. | Jadhav Narsinha Vilas | 2016AGLT104 |
| 3. | Mane Hanmant Ramakant | 2016AGLT058 |
| 4. | Padile Ganesh Parmeshwar | 2016AGLT101 |
| 5. | Surewad Shrinivas Sahebrao | 2016AGLT090 |
| 6. | Jadhao Samadhan Prakash | 2016AGLT040 |
| 7. | Ajbe Santosh Bansi | 2016AGLT001 |
| 8. | Jadhav Madhav Uttam | 2016AGLT042 |
| 9. | Bogulwar Ajinkya Subhashrao | 2016AGLT014 |
| 10. | Awargand Dayanand Sakharam | 2016AGLT004 |
| 11. | Tale Vinod Tulshiram | 2016AGLT092 |
| 12. | Sasane Laxman Ashok | 2016AGLT082 |

KHO KHO RUNNER UP:- B.Sc. (Agri) 2015

| Sr. | Name | Reg. No. |
|-----|--------------------------------|-------------|
| 1. | Akash Kailas Dhage | 2015AGLT024 |
| 2. | Suresh Kedarling Ghyar | 2015AGLT033 |
| 3. | Raju Popat Lad | 2015AGLT105 |
| 4. | Shubham Digambar Shete | 2016AGLT165 |
| 5. | Kapil Balasaheb Kachave | 2015AGLT41 |
| 6. | Prasad Sunil Giri | 2015AGLT034 |
| 7. | Budhbhushan Girishkumar Mane | 2015AGLT061 |
| 8. | Balaji Satish Panchal | 2015AGLT077 |
| 9. | Mahesh Mahadeo Meshram | 2015AGLT098 |
| 10. | Chandrashri Jayprakash Bansode | 2015AGLT006 |
| 11. | Ketan Subhashrao Chawhan | 2015AGLT020 |
| 12. | Someshwar Vishnu Kande | 2015AGLT043 |

TABLE TENNIS

| Sr. | Name | Reg. No. | Rank |
|-----|----------------------|-------------|--------|
| 1. | Omkar Ramdas Kale | 2016AGLT046 | Winner |
| 2. | Ulhas Subhash Borase | 2016AGLT016 | Runner |

KABBADI – WINNER M.Sc. (Agri) 2018

| Sr. | Name | Reg. No. |
|-----|------------------------|-------------|
| 1. | Ganesh Bhimrao Munjwar | 2018A/43 ML |
| 2. | Arjun Shankar Shinde | 2018A/95 ML |
| 3. | Shankar Laxman Waghode | 2018A/36 ML |
| 4. | Sagar Hemant Patil | 2018A/29 ML |



| | | |
|-----|-------------------------------|-------------|
| 5. | Akshay Shitalkumar Shrivastav | 2018A/46 ML |
| 6. | Balu Govind Waghmode | 2018A/48 ML |
| 7. | Ganesh Bharat Tingre | 2018A/17 ML |
| 8. | Darshan Arun Patil | 2018A/15 ML |
| 9. | Pratik Ashok Gade | 2018A/51 ML |
| 10. | Ajinath Kisan Bhavar | 2018A/03 ML |
| 11. | Pavankumar Annasaheb Sahane | 2018A/ 94ML |
| 12. | Dnyaneshwar Balasaheb Kolhe | 2018A/ ML |

KABBADI – RUNNER B.Sc. (Agri) 2015

| Sr. | Name | Reg. No. |
|-----|--------------------------------|-------------|
| 1. | Ajay Vitthal Kokate | 2015AGLT05 |
| 2. | Suresh Kedarling Ghyar | 2015AGLT033 |
| 3. | Vishwajit Bapurao Kore | 2015AGLT054 |
| 4. | Shubham Digambar Shete | 2016AGLT165 |
| 5. | Chandrashri Jayprakash Bansode | 2015AGLT006 |
| 6. | Kapil Balasaheb Kachave | 2015AGLT041 |
| 7. | Ashish Vitthal More | 2015AGLT065 |
| 8. | Vishnukant Vasant Marewad | 2015AGLT063 |
| 9. | Gopal Atmaram Bhosale | 2015AGLT009 |
| 10. | Swapnil Sambhajirao Pawar | 2015AGLT |
| 11. | Bhagwan Madan Sonwane | 2015AGLT089 |
| 12. | Gajanan Sambhaji Dukre | 2015AGLT029 |

RANGOLI

| Sr. | Name | Reg. No. |
|-----|-------------------------------|-------------|
| 1. | Shubhangi Machhindra Waghmare | 2016AGLT103 |
| 2. | Renuka Sunil Mahajan | 2018A/68ML |

CHESS

| Sr. | Name | Reg. No. | Rank |
|-----|---------------------------|-------------|--------|
| 1. | Zadbuke Sudarshan Nagnath | 2015AGLT096 | Winner |
| 2. | Jadhav Narsinha Vilas | 2016AGLT104 | Winner |
| 3. | Kuthumbare Rajpal Sanjay | 2018AGLT049 | Runner |





National Service Scheme:

During the academic year, 2018-19 total numbers of volunteers registered for NSS regular and special camp programme are 150 and 75, respectively. Dr.D.D.Suradkar and Shri.D.G.More, working as Programme Officers and other faculty members supporting NSS for various activities. The details of NSS activities carried out under regular and special campaign programme are given below.

Regular Programmes:

1. Intellectual enlightenment programme on disaster management was arranged and technical guidance given to NSS volunteers.
2. Grass, Parthenium eradication, Training, Pruning of trees campaign was arranged in college campus in order to emancipate Parthenium weed & cleaning the College campus.
3. Tree plantation programme was run on college premises in which Kadu Nimb, Citrus, Karanj and other various tree plants were planted on road sites of college campus.
4. The NSS volunteers were actively participated in Swachh Bharat Mission programme & various activities of college like celebration Late Vasant Rao Naik Jayanti (Krishi Din). Independence day and National days etc..
5. The cleaning campaign and irrigation to tree plants work was done by NSS volunteers.
6. Campus clearing campaign was organized in which 150 NSS volunteers and staff member actively participated.
7. The NSS volunteers were actively participated & helped for organized the Youth festival, celebration of women day and sports activities in college campus. Cleaning campaign and irrigation to tree plants work will done by NSS volunteer



Special Campaign Activities:

The NSS special camp organized at Chikalthana, Tq. and Dist., Latur, **during 22nd to 28th March, 2019**. The camp was inaugurated by Hon. Dr. Madhukar Gaikwad, Ex. Vice Chancellor, SRTM University, Nanded, Dr. Babasaheb Thombre, ADP,COA, Latur, Dr. Balasaheb Chavan, Principal, Yogeshawari Mahavidyalay, Ambajogai and Dr. Shriram Solanke, Principal, Dayanand Commerce College, Latur, Dr. B. S. Indulkar, ADP, VDCOAB, Latur, Dr. Arun Kadam, Vice President Gymkhana, Latur, Smt. Jayshri Todkar, Gramsevika, and farmers of Chikalthana Village, Tq. and Dist. Latur. The various programmes were organized during camp the details as below.

1. Daily Yoga and exercise (5.30-7.30), Breakfast & Tea (07.30.-08.00), Daily Shramadan (08-12.30), Agrowon Chawadi Reading, Free thinking, Explore the premises, Discussion with farmers(03pm.-6.30pm),Awaking and Cultural Programme (07pm-9.30pm), Dinner (9.30pm-10.00pm) performed by the students.
2. 22/03/2019 Reached the Chikalthana Village and Conducted the Gramsabha and also addressed by the Dr.B.M.Thombre (ADP,COA,Latur)
3. 23/03/2019 Farmer Scientist Harmony (06.30 pm-9.30pm) was organized for farmers
4. 24/03/2019 Pashu palakmelawa addressed & Dr.V.D.Patil Director of Instruction & Dean (Agri) VNMKV,Parbhani.(07 pm-9. 30pm)
5. 25/03/2019 Krishi kavi sammelan addressed Dr.Mukund Rajpankhe, Yashanwantrao Chavan Mahavidyalya, Ambajogai and their team.(07pm-9. 30pm)
6. 26/03/2019 Shetkari Melawa addressed by the Dr. Digambarrao Chavan Ex, Registrar, VNMKV, Parbhani and Dr.Dinkar Jadhav, Project Director ATMA, Latur. (07 pm-9. 30pm).
7. 27/03/2019 Mahalia Melawa addressed by Smt.Vandana Phutane Gatschikshan Adhikari PanchayatSamiti, Renapur. (07 pm-9. 30pm)
8. 28/03/2019 Epilogue Programme (Valedictory programme) addressed Dr.Babasaheb Thombre, ADP, COA, Latur, Prof.Hemant Patil, ADP, ABM, Chakur and Shri. Appasaheb Patil, Innovative farmers.(07 pm-9.30pm)

| Sr. No. / Year | Name of the Programme | No. of Students & Farmers participate/ benefited | Impact of the programme, and how it is benefiting the Students and Farmers |
|-------------------------------|---|--|--|
| 2018-19 | | | |
| A) Regular Programmes: | | | |
| 1) | Grass, Parthenium eradication, Training, Pruning of trees campaign was arranged in college campus in order to emancipate Parthenium weed & cleaning the College campus. | 150 | College campus cleaned, healthy. Motivated and mentored the students towards cleanness and training and pruning of tree. |
| 2) | Tree plantation programme was run on college premises in which Kadu Nimb, Citrus, Karanj and other various tree plants were planted on road sites of college campus. | 150 | The motto or watchword of the NSS Volunteer is: ' NOT ME BUT YOU '. was enhanced through plantation. |
| 3) | The NSS volunteers were actively participated in Swachh Bharat Mission | 150 | It underlines that the welfare of an individual is ultimately |



| | | | |
|--|---|----------|--|
| | programme & various activities of college like celebration Late Vasant Rao Naik Jayanti (Krishi Din). Independence day & National days, Youth festival, celebration of women day etc. | | dependent on the welfare of society on the whole or community |
| B) Special Camp Activities: Special camp was during 22 th to 28 th March 2019, At. Chikalhana, Tq. & Dist. Latur. | | | |
| 1) | Reached the Chikalhana Village and Conducted the Gramsabha and also addressed by the Dr. B. M. Thombre (ADP, COA, Latur.) | 75 & 100 | Motivated the students, villagers towards Daily Shramadan and reflects the essence of democratic living and upholds the need for selfless service to show consideration for fellow human beings |
| 2) | Daily Shramadan):- Repairing of approach roads, solid waste and dirty water management to be proposed. | 75 & 10 | Motivated the villagers and change their perceptions and attitude towards Daily Shramadan. |
| 3) | Dry farming technology:- Delivered speech on “Dry land farming technology on various crops” by Dr. Prashant Karanjikar Prof. (CAS) Agronomy, COA, Latur. | 75 & 150 | Aware the Farmers, students and villagers towards ‘Adoption of Dry land farming technology on various crops’ in farming. |
| 4) | Speech delivered on “Importance of Soil testing” by Dr. Vilas Takhankar Asso. Prof. SSAC COA, Latur. | 75 & 150 | Aware the Farmers & students about Soil testing and How it is benefited to management of soil as well as increasing the Crop Yield |
| 5) | Speech delivered on “Modern-day Compatibility personality qualities of youth” by Dr. Raghunath Jaybhaye Asso. Prof. Agril. Engg. COA, Latur. | 75 & 150 | Motivated the Youth and how he can reflect the essence of democratic living and upholds the need for selfless service and appreciation of the other person’s point of view and also to show consideration for fellow human beings. |
| 6) | Speech delivered on “Integrated Farm Management” by Dr. Vasant Suryawanshi Extension Agronomist, RAEEC COA, Latur. | 75 & 150 | Aware the Farmers & students about Integrated Farm Management and How Crop Production is increased through IFM. |
| 7) | Organized the Pashu Palak Melawa Addressed by the Dr. V. D. Patil Director of Instruction & Dean (Agri) VNMKV, Parbhani. Dr. Anilkumar Bhikane Head Pharmacology Department, College of Veterinary, Udgir. Dr. Laxmanrao Karanjikar Ex Head AHDS, VNMKV, Parbhani. Shri. Bacchasaheb Deshmukh Devani | 75 & 150 | Aware the Farmer and Student about how to maintain the livestock farm and what care should be taken in livestock farm in changing Scenario and Climate Change and how to generate the self employment through rearing of |



| | | | |
|-----|--|----------|---|
| | Gopalak, Babhalgaon.Tal, Dist., Latur.Prof.Gunwant Biradar Mahatma Basewashar Mahavidyalay, Latur. | | Livestock. |
| 8) | Organized the Krishi Kavi Sammelan Addressed by Dr Muknd Rajpankhe Yashanwantrao Chavan Mahavidyalay, Ambajogai, Shri.Janadhan Sonwane (Kej), Smt.AnuradhaThombre-Suryawanshi (Latur),Shri. Balaji Mundhe (Kingaon), Prof.Dr.Sanjay Khadap (Ambajogai), Dr. Vijay BhamareAsst.Prof Agril.Ento, COA, Latur. | 75 & 160 | Aware and motivated to Student and Farmer through the their Poems and also change the Perception , attitude of Farmers and Student towards the Agriculture Sector and Agriculture Education |
| 9) | Organized the Shetkari Melawa Addressed by the Dr. Dinkar Jadhav, Project Director ATMA, Latur., Dr. Digambarrao Chavan Ex, Registrar, VNMKV, Parbhani., Dr,Arun KadamProf. Horticulture, COA, Latur., Dr. Vishwanath KambleProf.Extn.Educ. COA, Latur., Prof.Nagendra Kalegore Asso.Prof. Agronomy, COA, Latur. | 75 & 200 | Shetkari MelawaOrganized for Interaction between farmer and Agriculture Scientist to plan for growing of profitable crop.The Agriculture scientists of the University also answer the queries of the farmers. |
| 10) | Organized the Mahalia Melawa Addressed by the Dr.Asha Aarya PatilProf. Food and Nutrition Dept. College of Community Science, Parbhani,Smt.Vandana Phutane Block Education officer, Panchayat Samiti, Renapur., Smt.Jayshree TodkarGramsevak, Chikalthana, Tal, Dist., Latur., Dr.Sunita Magar Asst.Prof.Plant Pathology, COA, Latur. | 75 & 170 | Mahila Melawa Organized for Changing the Life style of rural women in today's competitive world, Create awareness about Beti Bachao Beti Padhao Abhiyanalso empowerment of rural women in rural area |
| 11) | Organize the Epilogue Programme (Valedictory programme) Addressed by Dr. Babasaheb Thombre, ADP, COA, Latur., Dr.Maharudra GhodkeIncharge Officer, ORS, Latur. Prof.Hemant Patil ADP, ABM, Chakur., Dr.Vyankat Jagtap, Principal, Agril. Tech. School, Latur. | 75 & 50 | Social attachment of youth is concrete.Student and farmers gained the valuable principle of coordination, management through such type of Special NSS camp. |

Photo of Various Activities Carried by NSS (2018-19)

A. Tree Plantation and Swatcha Bharat Abhiyan





B. Special Campaign Activities







Other Information



Participation in Summer / Winter school / Training / Workshop / Meeting at various National Institute / Universities:

| Sr. No. | Name of Faculty Member | Theme | Organizer |
|---------|------------------------|--|---|
| 1. | Dr. V.K. Bhamare | DNA-Barcoding and Bioinformatics Applications in Entomology | NBAIR, Bangalore, 25.02.2019 -03.03.2019 |
| 2. | Dr. R.D.Shelke | Massive Open Online Course (MOOC) on Fundamentals of Agricultural Extension | Indian Institute of Technology, Kanpur and Commonwealth of Learning, Canada from 07 March 2018 to 23 April 2018 Sponsored by Indian Institute of Technology, Kanpur |
| 3. | Dr. D.G. More | 48 th Annual Workshop of AICRP on soybean | IGKV, Raipur, 1-3.04.2018 |
| 4. | Dr. D.G. More | QRT meeting | COA, Pune, 25.08.2018 |
| 5. | Dr. R.V.Jaybhaye | Innovative Applications of Renewable Energy Technologies for Rural Sector | College of Agril. Engineering & Technology, PDKV, Akola by ICAR, New Delhi from 01-10 October, 2018 |
| 6. | Dr. D.G. More | Annual Meet or Workshop of NIPHM-DAC Project | BCKV, Kalyani, 29 & 30.10.2018 |
| 7. | Dr. S.J.Magar | ICAR short course training on Application of Molecular epidemiology and simulation modelling for plant disease management” | Department of Plant Pathology PAU, Ludhiana from 13 Feb 2019 to 22 Feb 2019 (10 Days) |

Research papers published in reputed Journals during 2018-19

| Sr. No | Name (s) of authors | Title of the research paper | Name of the Journal (Vol. No. & issue No.) |
|--------|--|---|---|
| 1. | B.Vibhajam Sagal Kiran, N.K.Kalegore, V.P.Suryavanshi and A.K.Ghotmukale | Integrated nutrient management practices to enhance yield and quality of cowpea (<i>Vigna unguiculata</i> L.) | <i>Int.J. Curr.Microbial. App.Sci. (2018)7(10):1321-1325.</i> |
| 2. | Katore V. D., P. V. Padghan, R. A. Patil, Y. N. Patil and Patil S. P. | Studies of Sensory Parameters And Production Cost Of Sweet Corn Milk Prepared Using Sweet Corn | <i>Advance Research in Agriculture and Veterinary Science Volume 5 [3] May 2018: 15-20.</i> |
| 3. | Shinde SR, Patil RA and Padghan PV | Effect of spirulina supplementation on growth performance of broilers | <i>Journal of Pharmacognosy and Phytochemistry 2018; SP1: 3265-3267</i> |
| 4. | Shingare JD, Padghan PV and BM Thombre | Studies on physico-chemical properties of dahi prepared with buffalo milk blended raw/ pasteurized wheat grass extract | <i>Journal of Pharmacognosy and Phytochemistry 2019; 8(1): 2691-2694</i> |
| 5. | Shingare JD, Padghan PV and YN Patil | Studies on standardization the process for dahi preparation by using the proper proportion of milk and wheatgrass extract | <i>International Journal of Chemical Studies 2019; 7(1): 2442-2446</i> |



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| 6. | P. V. Padghan, Deshmukh N. B., Patil S. P., Mane R. R. and Katore V. D. | Sensory Properties of Dahi Prepared from Blending of Buffalo milk and Sweet corn milk | <i>Advance Research in Agriculture and Veterinary Science Volume 5 [3] May 2018: 21-26</i> |
| 7. | N. R. Thakur, V. N. Toprope and Koppuravuri Sai Phanindra | Genetic Diversity Analysis in Chickpea (<i>Cicer arietinum</i> L.) | <i>Int.J.Curr.Microbiol.App.Sci Special Issue-6: 904-910 ISSN: 2319-7692</i> |
| 8. | S. B. Badurkar, S. P. Pole, V. N. Toprope and N. P. Ingle | Combining Ability for Grain Yield and Its Related Traits in Pearl Millet (<i>Pennisetum glaucum</i> L.) | <i>Int.J.Curr.Microbiol.App.Sci Special Issue-6: 956-961 ISSN: 2319-7692</i> |
| 9. | P. S. Salke, Ranjeet Singh Jakhar, V. N. Toprope, N. P. Ingle and C. G. Fesate | Studies on Combining Ability, Heterosis and Gene Action in Restorer Lines of Sunflower (<i>Helianthus annuus</i> L.) | <i>Int.J.Curr.Microbiol.App.Sci Special Issue-6:1267-1274 ISSN: 2319-7692</i> |
| 10. | N.R. Thakur, V.N. Toprope and Koppuravuri Sai Phanindra | Estimation of Genetic Variability, Correlation and Path Analysis for Yield and Yield Contributing Traits in Chickpea (<i>Cicer arietinum</i> L.) | <i>Int.J.Curr.Microbiol.App.Sci (2018) 7(2): 2298-2304 ISSN: 2319-7692</i> |
| 11. | S.R.Jogi, V.N.Toprope and A.S Jondhale | Generation Mean analysis in Okra | <i>Journal of Pharmacognosy and Phytochemistry: 07,SP:1 :2401-2404,ISSN: 2349-8234</i> |
| 12. | S.R. Jogi, V.N. Toprope and N.R. Thakur | Generation Mean Analysis In Okra (<i>Abelmoschus Esculentus</i> (L.) Moench) | <i>Multilogic In Science VOL. VIII, Issue XXV, April 2018, 39-45,ISSN 2277-7601</i> |
| 13. | K. Sai Phanindra, V.N. Toprope And N.R. Thakur | Genetic variability in mutant confectionary sunflower (<i>Helianthus annuus</i> L.) | <i>J.Res. ANGRAU 46(2) 15-20, 2018 ISSN No. 0970-0226</i> |
| 14. | N. R. Thakur, V. N. Toprope And K. Sai Phanindra | Meteroglyph analysis for morphological variation in chickpea | <i>J.Res. ANGRAU 46(2) 52-57, 2018 ISSN No. 0970-0226</i> |
| 15. | S. B. Badurkar, S. P. Pole and V. N. Toprope | Performance of Pearl Millet Hybrids for Grain yield and Its Component Traits under Rainfed Condition | <i>J. Agric. Res. Technol., 43 (1) : 059-063, ISSN No 2230- 9705</i> |
| 16. | S.R.Parve, R.D.Shelke and S.H.Kamble, | Economic analysis of cost and return structure of crop and dairy enterprise | <i>International Journal of Current Microbiology and Applied Sciences.7(7):xx-xx, ISSN 2319-7706</i> |
| 17. | S.N.Sable, K.V.Deshmukh and R.D.Shelke, | Study of resource productivity and resource use efficiency of wheat in Solapur district of Maharashtra | <i>International Journal of Current Microbiology and Applied Sciences.7(7):xx-xx, ISSN 2319-7706</i> |
| 18. | D.J.Navasare, D.S.Perke and R.D.Shelke, | Growth performance of arrivals and prices of sorghum, tur, soybean ,chickpea and bajra in Ahmednagar district | <i>International Journal of Current Microbiology and Applied Sciences.7(7):xx- xx,ISSN 2319-7706</i> |
| 19. | S.S.Mulik, S.S.More and R.D.Shelke, | Performance of oilseed crops in Marathwada region of Maharashtra state | <i>International Journal of Current Microbiology and Applied Sciences.7(7):xx-xx, ISSN 2319-7706</i> |



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| 20. | M.B. More, R.D.Shelke and K.L.Pathade | Comparative study of resource use productivity and resource use efficiency of kharif vis-à-vis rabi onion in Ahmednagar district of Maharashtra | <i>International Journal of Current Microbiology and Applied Sciences.7(7):xx-xx, ISSN 2319-7706</i> |
| 21. | D.U.Meshram, S.S.More and R.D.Shelke, | Economic analysis of tribal farm in Gadchiroli district of Maharashtra | <i>International Journal of Current Microbiology and Applied Sciences.7(7):xx-xx, ISSN 2319-7706</i> |
| 22. | N.R.Dhokar, S.S.More and R.D.Shelke, | Growth analysis of pigeonpea and chickpea in Marathwada region of Maharashtra state | <i>International Journal of Current Microbiology and Applied Sciences.7(8), ISSN 2319-7706</i> |
| 23. | S.P.Dalvi, K.V.Deshmukh and R.D.Shelke | Economic analysis of marketing of chickpea in Buldhana district of Maharashtra state, India | <i>International Journal of Current Microbiology and Applied Sciences.7(7):2288-2294 ISSN 2319-7706</i> |
| 24. | D.B.Chatse, D.S.Perke and R.D.Shelke, | Economic analysis of marketing of summer groundnut in Hingoli district of Maharashtra state | <i>International Journal of Current Microbiology and Applied Sciences.7(8) ISSN 2319-7706</i> |
| 25. | R.D.Shelke, Dhokar N.R. and Dalvi S.P., | Impact assessment of women's self help groups on employment and income in Marathwada region of Maharashtra | <i>Bulletin of environment, pharmacology and life science,6(special issue 1) ISSN 2277-1808</i> |
| 26. | S.R.Parve, R.D.Shelke and S.H.Kamble, | To study resource use productivity and resource use efficiency in crop and dairy enterprise | <i>Bulletin of environment, pharmacology and life science,7(8) ISSN 2277-1808</i> |
| 27. | M.B.More, R.D.Shelke and K,L,Pathade | Comparative study of marketing of kharif vis-à-vis rabi onion in Ahmednagar district of Maharashtra State | <i>Bulletin of environment, pharmacology and life science,7(8) ISSN 2277-1808</i> |
| 28. | R. V. Chavan, K. V. Deshmukh, S. S. More and R. D. Shelke | Price Behavior of Chickpea in Major Markets of Marathwada | <i>International Journal of Current Microbiology and Applied Sciences,7(6) ISSN 2319-7706</i> |
| 29. | R. D. Shelke, | Comparative Study of Seasonal Pattern and Market Arrivals of Soybean in Latur District of Maharashtra | <i>International Journal of Current Microbiology and Applied Sciences, Special Issue-7 ISSN: 2319-7706</i> |
| 30. | R.D.Shelke, Meshram D.U. and Sable S.N. | Comparison Between Traditional And Improved Method of Paddy Cultivation for Doubling Farmers Income | <i>Bulletin of environment, pharmacology and life science,6(special issue 1) ISSN 2277-1808</i> |
| 31. | V.K. Bhamare and D.W. Wadnerkar | Potency of insecticidal combinations against bollworm complex of cotton | <i>Journal of Pharmacognosy and Phytochemistry, SPI: 1164-1168,ISSN 2278-4136, 2349-8234(5.21)</i> |



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| 32. | V.K. Bhamare and D.W. Wadnerkar | Efficacy of insecticidal combinations on cotton square and boll shedding due to bollworm complex | <i>Journal of Pharmacognosy and Phytochemistry</i> , SPI: 1188-1192,ISSN 2278-4136, 2349-8234(5.21) |
| 33. | V.K. Bhamare | Acetamiprid residues in cotton lint, seed, oil and soil | <i>Journal of Pharmacognosy and Phytochemistry</i> , SPI: 2744-2748,ISSN 2278-4136, 2349-8234(5.21) |
| 34. | P.V. Patil, V.K. Bhamare and P.P. Pate | Bio-Efficacy of Different Insecticides against Thrips (<i>Scritothrips Dorsalis</i> Hood) and Whitefly (<i>Bemisia tabaci</i> Gennadius) on BT Cotton | <i>Bull. Env. Pharmacol. Life Sci.</i> ,7(4):10-14,ISSN 2277-1808 (4.95) |
| 35. | V.K. Bhamare, S.V. Phatak, A.S. Bade and S.C. Kumbhar | Effect of weather parameters on population dynamics of sucking insect-pests infesting sole soybean and soybean intercropped with pigeonpea | <i>Journal of Entomology and Zoology Studies</i> ; 6(5): 413-420, E-ISSN 2320-7078 P-ISSN: 2349-6800 (5.53) |
| 36. | V.K. Bhamare, S.V. Phatak, A.S. Bade and S.C. Kumbhar | Impact of abiotic factors on population dynamics of lepidopteran insect-pests infesting sole soybean and soybean intercropped with pigeonpea | <i>Journal of Entomology and Zoology Studies</i> ; 6(5): 430-436,E-ISSN: 2320-7078 P-ISSN: 2349-6800(5.53) |
| 37. | V.K. Bhamare, S.V. Phatak, S.C. Kumbhar and A.S. Bade | Influence of ambient weather on the incidence of major insect-pests of sole soybean and soybean intercropped with pigeonpea | <i>Journal of Entomology and Zoology Studies</i> ; 6(5): 437-443, E-ISSN: 2320-7078 P-ISSN: 2349-6800(5.53) |
| 38. | Savde V.G., Bhamare V.K., Sanjekar M.B. and Shetgar S.S. | Biology and Host stage preference of <i>Aenasius bambawalei</i> Hayat (Hymenoptera: Encyrtidae) on <i>Phenacoccus solenopsis</i> Tinsley reared on cotton | <i>Advance Research in Agriculture and Veterinary Science</i> , 5 (1): 16-20,ISSN 2348-5353 |
| 39. | Savde V.G., Bhamare V.K., Sanjekar M.B. and Shetgar S.S. | Biology and Host stage preference of <i>Aenasius bambawalei</i> Hayat (Hymenoptera: Encyrtidae) on <i>Phenacoccus solenopsis</i> Tinsley reared on okra | <i>Advance Research in Agriculture and Veterinary Science</i> , 5 (2): 26-29,ISSN 2348-5353 |
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| 41. | Sable G.S. More D.G., Munemanik R.M. and Wahekar G.R. | Seasonal incidence of pests of soybean (<i>Glycine max</i> (L) Merrill) | <i>Journal of Entomology and Zoology Studies</i> ; 6(6): 778-781,E-ISSN: 2320-7078 P-ISSN: 2349-6800(5.53) |
| 42. | Shinde V.B., More D.G and Bokan S.C. | Seasonal incidence of major pests on soybean their correlation with weather parameters | <i>J. Ent. Res.</i> , 42 (1): 27-31,ISSN 0378-9519(5.05) |
| 43. | Shinde V.B., More D.G and Bokan S.C. | Screening of soybean genotypes against major pests | <i>J. Ent. Res.</i> , 42 (2): 173-177,ISSN 0378-9519(5.05) |



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| 44. | H.N. Markad, Sunita J. Magar, K.M. Kanase and M.D.Navale | Sesamum Phyllody Disease : Its Symptomatology and Transmission Studies. | <i>Multilogic in science special issue (d) vol. viii : 150-156 Rating- 5.20</i> |
| 45. | HN Markad, S.J .Magar, MD Navale and SS Dhawan | Efficacy of insecticides, oils and antibiotics against management of Sesamum phyllody | <i>International Journal of Chemical Studies 6(5): 269-271 Rating- 5.20</i> |
| 46. | HN Markad, Sunita J Magar, NN Godase and MD Navale | Distribution of sesamum phyllody infected by phytoplasma in Latur district, (Maharashtra) | <i>Journal of Pharmacognosy and Phytochemistry 7(5): 269-272 Rating- 5.21</i> |
| 47. | B. G. Kamble, S. T. Rathod and V. G. Mulekar | Changes in enzyme activities during storage of Pearl millet hybrids and their parental lines (Pennisetum glaucum L. R. Br.) | <i>International Journal of Current Microbiology and Applied Science, 2018, Special Issue No. 6: 2254-2261 Rating- 5.38</i> |
| 48. | Chadar B.R., Vaidya P.H. and Chaudhari A.V. | Comparative Study on Changes in Soil Quality Status of Farm College of Agriculture, Latur | <i>Int. J, Current Microbiol, App, Sci Sp.6 , 1598-1606.</i> |
| 49. | Chadar B.R.,Vaidya P.H., Kachave R.R. and Aundhekar A.V. | Characterization, Classification, and Soil Site Suitability Evaluation of Soils of Farm College of Agriculture, Latur Maharashtra. | <i>Journal of Pharmacognosy and Phytochemistry; SP 6: 166-170.</i> |
| 51. | Kumbhar C.S, Indulkar B.S., Vaidya P.H. Wagh C.B. and Ingole A. J. | Transformation of N,P,K and S as influenced by Micronutrients Application on Sunflower (<i>Helianthus annus</i> L.) in Inceptisols. | <i>Journal of Current Microbiology and Applied Science Sp.6 , 1307-1312.</i> |
| 52. | Maharnor R. Y . , Indulkar B. S. ,Lokhande P. B .and Jadhav L. S. | Effect of different levels of zinc on yield and quality of groundnut (<i>Arachis hypogea</i> L.) in Inceptisol. | <i>Int.J.Curr.Microbial.App.Sci. (2018) special Issue -6: 2843-2848</i> |
| 53. | Maharnor R.Y, Indulkar B.S, Kadam D.V, Kadam V.S, Patil N.M. | Effect of different levels of zinc on growth parameter viz root length and root nodulation and nutrient availability viz. NPK under groundnut on Inceptisol. | <i>Multilogics In Science VII, SPECIAL ISSUE ICAAASTSD-2018, ISSN 2277-7601 .</i> |
| 54. | Ghode M.K.Vaidya P.H, Dhawan A.S. and Adkine S.A. | Characterization, classification and evaluation of cotton growing soils Nanded District, | <i>Maharashtra Journal of Pharmacognosy and Phytochemistry SP : 1 1221-1225</i> |
| 55. | Pushpalatha M., Vaidya,P. H., Sunil, B. H. and Adsul, P.B. | Effect of Graded Levels of Nitrogen and Potassium on Growth, Nutrient Content and Uptake of Sweet Potato (<i>Ipomoea batatas</i> . L.) in Vertisols of Maharashtra. | <i>International Journal of Plant & Soil Science, 23 (5):1-</i> |
| 56. | Ingole A.J., Vaidya P.H., Aundhekar A.V., Ghode M.K. | Effect of moisture and calcium carbonate content on chemical properties of soil and yield of cotton in Nanded District of Maharashtra. | <i>Journal of Pharmacognosy and Phytochemistry; 7(5): 1971-1976.</i> |



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| 57. | Aundhekar A.V., Vaidya, P.H. Ingole, A.J. Patil N.M. and Ghode M.K. | Characterization, classification and evaluation of soils in cotton growing region of Beed District, | <i>Maharashtra Journal of Pharmacology and Phytochemistry; 7(5): 1977- 1981.</i> |
| 58. | Jaybhaye R.V., M.N. Marathe & Jadhav S.B. | Moisture dependent physical properties of sorghum (Cv. <i>Parbhani Moti</i>). | <i>J. Contemporary Research in India, Special Issue, I: 316 – 322 ,ISSN: 2231 -2137</i> |
| 59. | Solanke S.B., R.V. Jaybhaye & S.B. Jadhav | Sensory evaluation of Pearl millet based snack food (<i>Kharodi</i>) by fuzzy logic | <i>Int. Journal of Current Microbiology & Applied Sciences, 7 (04) ISSN: 2319-7706</i> |
| 60. | Solanke S.B., Jaybhaye R.V., Deshmukh S.D. & Wayal P.A. | Optimization of process parameters of ready-to-eat pearl millet snack food (<i>Kharodi</i>) | <i>Int. Journal of Chemical Studies, 07 (01):262-267 E-ISSN: 2321-4902</i> |
| 61. | Wadmare V.S., More P.G. & Jaybhaye R.V. | Effect of percent perforations in LDPE packaging on quality of peeled garlic cloves during storage | <i>Multilogic in Science, An International Journal, VIII (XXVII): 250-252 ISSN 2277-7601</i> |

Participation/ Papers /Poster Presented in National/ International Workshops, Conferences, Seminars & Symposia:

| Sr. No | Title of Conference | Organised by | Place | Period | Author | Title of Research paper |
|--------|--|---------------------------------------|--|---------------------------|--|---|
| 1. | Avishkar 2018- Inter university research Festival | Gondwana University, Gadchiroli | Gondwana University, Gadchiroli | 15-18 January 2019 | Yogini M. Gagare and N.K. Kalegore | Adaptation strategies for crop production under resource constraints |
| 2. | XIV Agricultural Science Congress on “ <i>Innovations for Agricultural Transformation</i> ” | NASC, IARI and ICAR | NASC Complex and IARI Campus, New Delhi | 20-23 February 2019 | Dr.R.D.Shelke | Role of Women labourers in farm business in Latur District of Maharashtra State |
| 3. | XIV Agricultural Science Congress on “ <i>Innovations for Agricultural Transformation</i> ” | NASC, IARI and ICAR | NASC Complex and IARI Campus, New Delhi | 20-23 February 2019 | Dr.R.D.Shelke | Value addition of various pulse crops by Agro- processing industries in Latur district |



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| | | | | | | of Maharashtra State |
| 4. | Zonal Symposium of Plant Pathology on “Current and Emerging Trends in Plant Health Management”, scheduled on 23rd to 24rd August, 2018 organized by Plant Pathology Section, College of Agriculture, Nagpur at Baywatch Resorts, Pedda Colva, Goa | | | | | |
| a. | Sunita J. Magar , Burgute K.A., Somwanshi S. D., Patange A.S. and Dhawan S.S. , Biosynthesis of silver nanoparticles by using <i>Trichoderma spp.</i> Souvenir PP: 129 | | | | | |
| b. | Sunita J. Magar, Burgute K.A. and Somwanshi S. D., <i>In vitro</i> antifungal efficacy of silver nanoparticles against <i>Alternaria alternata</i> causing fruit rot in pomegranate. Souvenir PP: | | | | | |
| c. | Sunita J. Magar, Soundarya Perka, Markad H.N. and S.D.Somwanshi, Management of powdery mildew of pea by spraying bioagents and botanicals Souvenir PP: | | | | | |
| 5. | 83rd Annual Convention on Developments in Soil Science – 2018, at Anand Agricultural University, Anand from November 27-30, 2018 | | | | | |
| | Vaidya P.H. ,Wagh C.B., Dhawan A.S. and Indulkar B.S., Assessment of Soil Organic Carbon Stock and Sequestration Potential Under Different Land Uses | | | | | |
| 6. | International Symposium on Advancement in Soil Water and Plant Nutrition Research | College of Agriculture Nagpur | College of Agriculture Nagpur | November, 2 & 3, 2018 | Dr. P. H. Vaidya | Nutrients Status of Cotton Growing soils and Cotton Crop in soils of Nanded District, |
| 7. | State level seminar on Forecasting Soils to Meet Emerging Challenges in Agriculture | MPKV, Rahuri | MPKV, Rahuri | October 30-31, 2018 | Dr. P. H. Vaidya | Tank Silt Hybridization Improves Soil Health and Productivity of Marginal Land and Doubling the Farmer Income Soil site suitability of custard apple growing soils of Beed District, Maharashtra |
| 8. | 2nd International Conference on Food and Agriculture (ICFA-2018) at Wedlock Green Resort, Dhanbad Jharkhand India from 29-31 March 2018 by Endling Scientific Organization (ESO) | | | | | |
| a. | Dr. P. H. Vaidya, Effect of Foliar Application on Compost Tea on Growth, Yield and Quality of Soybean(<i>Glycine max</i> (L)) | | | | | |
| b. | Vaidya P.H., Shrinivas Neelappagoudra and Indulkar B.S., Effect of foliar application of compost tea on growth, yield and quality of Soybean (<i>Glycine Max</i> L) | | | | | |



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| 9. | State Level Seminar on Fostering soils to meet emerging challenges in Agriculture, organized by Rahuri Chapter of Indian Society of Soil Science, MPKV, Rahuri during 30-31 October, 2018. | | | | | |
| a. | Sonune, P. N., Vaidya, P. H., Indulkar, B. S. and Adsul, P. B., Soil site suitability of Custard apple growing soils of Beed District, Maharashtra | | | | | |
| b. | Ghode, M. K., Vaidya, P. H., Adkine, S. A., Pawar, Y. S. and Nawkhare, A. D. (2018) Available macro and micronutrient status in soils of Cotton growing region of Nanded District Maharashtra | | | | | |
| c. | Kale, N. S., Kadam, A. S., Indulkar, B. S. and Vaidya, P. H. (2018) Evaluation of different organic growth promoters on yield, quality and economics of leafy vegetables | | | | | |
| d. | Kachhave, R. R., Indulkar, B. S., Landage, R. B., Nawkhare, A. D. and Lihare, M. A. (2018) Influence of phosphorus and PSB on fertility status of soil of blackgram in Inceptisol. | | | | | |
| e. | Lokhande, P. B. and Indulkar, B. S. (2018) Effect of phosphorus and zinc on growth, yield, nutrient uptake and quality of green gram in Inceptisol. | | | | | |
| f. | Vaidya P.H., Patil N. M. and Dhawan A.S. (2018) Economic Assessment of Recycling of Tank Silt Under Very Shallow Soil. | | | | | |
| g. | Indulkar B.S., Kadam, D. V., Vaidya P.H., Adsul P.B. and A.S. Kadam (2018) Effect of phosphorous and zinc on yield and quality of groundnut in Inceptisol, | | | | | |
| h. | Ghode M.K., Vaidya P.H. Adkine S.A., Pawar Y.S. and Nawkhare A. D. (2018) Available macro and micronutrients status in soils of cotton growing soils of Nanded district | | | | | |
| 10. | National Conference on Doubling Farmers Income during December 15-16, 2018 Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola (M.S.). | | | | | |
| a. | Lokhande, P. B., Indulkar, B. S., Landge, R. B., Nawkhare, A. D. and Thosar, G. D. (2018) Effect of phosphorus and zinc on growth, yield, nutrient uptake and quality of green gram in Inceptisol | | | | | |
| b. | P.H. Vaidya, A.S. Dhawan and Patil N.M.(2018) Tank Silt Hybridization Improves Soil Health and Productivity of Marginal Land and Doubling the Farmer Income | | | | | |
| 11. | International Symposium on Advancement in Soil, Water and Plant Nutrition Research | College of Agriculture Nagpur | College of Agriculture Nagpur | November, 2 & 3, 2018 | Vaidya, P.H., Ingole A.J. Aundhekar A.V. and Adsul P.B | Nutrients Status of Cotton Growing soils and Cotton Crop in soils of Nanded District, Maharashtra |
| 12. | Recent Trends in Plant Sci, & Agril. Research | Zonal Agril. Res. Station, Solapur | Zonal Agril. Res. Station, Solapur | 11 – 12 th , January 2018 | Dr. R.V. Jaybhaye | Moisture dependent physical properties of sorghum (cv. Parbhani Moti) |



3. Lead Lecture Delivered/ Technical Paper Published: 2018-19:

Vaidya P.H. (2018) Carbon Management Strategies Under Rainfed Condition for Sustainable Agriculture. International Conference on Food and Agriculture (ICFA-2018) 29-31 March 2018 Endling Scientific Organization (ESO) At Wedlock Green Resort, Dhanbad Jharkhand India

Significant activities done by Department of Agricultural Engineering

1) Expansion for Runoff Water Harvesting Potential through New Farm Ponds Excavation & Renovation of Old Farm Ponds: Executed the planned excavation of three new farm ponds in Block No. D2, E4, E5 and desilting and widening of existing six farm ponds was carried out to increase water storage capacity. Overall the total water storage capacity on COA, Latur campus has now increased to about 2.25 crore liters. The total expenditure on farm pond excavation and campus beautification was Rs. 5,90149/-.

2) Development of Farm Roads: The excavated muroom from the farm ponds was used for the development of 5 m wide farm roads along the boundary of Block No. D5, D6, D7, D8, D9, D10, D14, B4, B5, B8 & B9.

3) Improvement of Land: The excavated soil was deposited on low fertile land having less soil depth in Block No. D4, D5, D6, E1 & E4. Also soil was deposited on the SSAC Research Block, Agronomy Research Block and Horticulture Mother Block.

4) Campus Premise Beatification: The excavated muroom was deposited around the buildings and internal roads of Dairy Live Stock unit, Botany Research Block, Library, ASDS department, Guest & Canteen access roads, Horticulture ELP, Sericulture ELP, PG hostel and Running Track. About 30-35 tipper muroom is deposited in the back yard of Auditorium for premise beautification and future use in the campus.

5) Uprooting of Thorny Plants: Different types of thorny and unwanted plants were uprooted from almost all of the farm, Horticulture Mother Block boundaries, all hostels and campus roads to improve the aesthetic view of the campus.

6) Management & safe disposal of excess Runoff: Widening of existing farm ditches and excavation of new field channels was carried out on the farm in order to dispose off excess runoff water out of the campus to natural drain from the point given by the Tahasildar, Mamaledar Court, Latur.

7) Construction of CD Work & Laying Cement Pipes: The proposal for construction of Cross Drainage (CD) work amounting to Rs. 1,82,724/- for safe disposal of excess runoff water out of the farm has been sanctioned and sent to University Engineer for execution of the said civil work in 2018. The proposed work of cost estimation & execution of laying cement pipes at inlet and outlet of all farm ponds in the campus and fitting a runoff water flow control gate has been sent to University Engineer in August, 2018.



8) **Development of Multipurpose Solar Sprayer for AWISKAR 2019:** College student Prashant Gaikwad from III (New) semester prepared solar power operated Multipurpose Sprayer and it was selected for AWISKAR 2019 from the university. Dr. R.V. Jaybhaye, Associate Professor guided the student in all the technical and engineering aspects of the sprayer design, compatibility of input power & output work and also preparation of presentation for the AVISKAR-2019. It was so sound from technical, convenience & presentation point of view that it was selected for presentation in the last six projects in AWISKAR 2019 organized at Gadchiroli & it was ranked third in last round.



Books, bulletins, folders, practical record book, notes published:

| Sr. No. | Authors & Title | Publisher |
|---------|---|--|
| 1. | Dr.V.K. Bhamare and Dr.D.G. More | ENTO 121 “Notes and Manual of Fundamentals of Entomology” |
| 2. | Dr.D.G. More and Dr.V.K. Bhamare | ENTO 353 “Notes and Manual of Crop Pest, Stored Grain Pests and Their management |
| 3. | Dr.S.J.Magar, Fundamentals of Plant Pathology | Practical Record Book for Course No.PATH -121 |
| 4. | Dr. R.V. Jaybhaye | Provided Hand written Theory Notes of Course No. ENGG-121 (New), Title: Soil Water Conservation Engineering. |
| a. | Dr. R.V. Jaybhaye | Practical Manual of Course No. ENGG- 121 (New), Title: Soil Water Conservation Engineering. |
| b. | Dr. R.V. Jaybhaye | Practical Manual of Course No. ENGG- 243 (New), Title: Renewable Energy & Green Technology |
| 5. | Shri.M.M.Bhogaonkar | Practical Manual of Course No. MATH-111 (New) Title: Elementary Mathematics |



Extension Activities:

1. College Staff has been engaged in guiding the staff of Agriculture Department in monthly workshop at College of Agriculture, Latur.
2. Subject Matter Specialists of this college have also participated in “Krishi Vahini” weekly programme and Radio Talks and replies to the problems and doubts of the farmers.
3. Subject Matter Specialists of this college are guiding the farmers, during their visit to college of Agriculture, Latur.

List of Lectures Delivered by faculties in Training Programme/ Shetkari Melava

| Sr. No. | Name of Faculty Member | Lectures Delivered in Training Programme/ Shetkari Melava | Place/Venue | Date |
|---------|------------------------|--|--|------------|
| 1. | Dr. A. S. Kadam | Advance Technology for production of Onion, Garlic and Potato | DPC Hall, Latur | 25.10.18 |
| 2. | Dr. A. S. Kadam | Value addition of agricultural produce | KVK, Manjara | 25.10.18 |
| 3. | Dr. V.S. Jagtap | Production technology of Turmeric and Ginger | Kamkheda Tq. Renapur | 05.05.18 |
| 4. | Dr. V.S. Jagtap | Production technology of Onion and Garlic | Bhabalgaon Tq. Latur | |
| 5. | Dr. V.S. Jagtap | Production technology of Tomato | Janwal Tq. Chakur | 20.06.18 |
| 6. | Dr. V.S. Jagtap | Water management in mango before and after flowering | TAO office, Ausa | 22.08.18 |
| 7. | Dr. V.S. Jagtap | Management of nursery Vegetable crops | Nilegaon Tq. Nilanga | 10.12.18 |
| 8. | Dr. V.S. Jagtap | Value addition of vegetable crops | Bhoyesumdraga Tq. Latur | 15.01.19 |
| 9. | Dr. V.K. Bhamare | Kharif season pre planning and sugarcane management | Killari Tal. Ausa Dist: Latur | 09.05.2018 |
| 10. | Dr. V.K. Bhamare | Safe Handling of Pesticides and Science of Pesticide Application | ATMA Osmanabad and KVK, Tuljapur Dist: Osmanabad | 28.05.2018 |
| 11. | Dr. V.K. Bhamare | Management of Kharif Season Crops | Deoni Dist: Latur | 08.06.2018 |
| 12. | Dr. V.K. Bhamare | Kharif Season Crop Management and Mulberry Cultivation | Bhada Tal. Ausa Dist: Latur | 20.06.2018 |
| 13. | Dr. V.K. Bhamare | Pest management of kharif crops | Harwadi Tal. Renapur | 01.07.2018 |
| 14. | Dr. V.K. Bhamare | IPM of pigeonpea | DPDC Hall Latur | 02.07.2018 |
| 15. | Dr. V.K. Bhamare | Special crop protection campaign (Pink bollworm management) | Latur | 13.07.2018 |



| | | | | |
|-----|------------------|--|---|------------|
| 16. | Dr. V.K. Bhamare | Insect-pests of soybean and their management | ADM Agro Industries & Vizag Pvt. Ltd., Latur | 15.07.2018 |
| 17. | Dr. V.K. Bhamare | Safe handling of pesticides | Agril. Dept. Zilla Parishad, Latur | 16.08.2018 |
| 18. | Dr. V.K. Bhamare | Soybean and sugarcane management | Niwali Tal & Dist: Latur | 19.08.2018 |
| 19. | Dr. V.K. Bhamare | Integrated management of insect-pests of Blackgram | Kharosa Tal. AUSA Dist: Latur | 30.08.2018 |
| 20. | Dr. V.K. Bhamare | Integrated pests management | KVK, Latur | 14.09.2018 |
| 21. | Dr. V.K. Bhamare | IPM of insect pests of onion, garlic and potato | Latur | 26.10.2018 |
| 22. | Dr. V.K. Bhamare | Organic pest management | KVK, Latur | 30.10.2018 |
| 23. | Dr. V.K. Bhamare | Identification and management of invasive fall armyworm | Latur | 05.12.2018 |
| 24. | Dr. V.K. Bhamare | Integrated pest and disease management of gram | Renapur | 29.12.2018 |
| 25. | Dr. V.K. Bhamare | Diagnosis of insect pest and diseases of pomegranate | Murud | 03.01.2019 |
| 26. | Dr. V.K. Bhamare | Safe handling of pesticide during pest management | Bhatangali | 25.01.2019 |
| 27. | Dr. V.K. Bhamare | Identification and management of invasive pest: American fall's armyworm | Bhatangali | 25.01.2019 |
| 28. | Dr. V.K. Bhamare | Safe handling of pesticide during pest management | Valandi | 28.01.2019 |
| 29. | Dr. V.K. Bhamare | Identification and management of invasive pest: American fall's armyworm | Valandi | 28.01.2019 |
| 30. | Dr. D.G. More | IPM of soybean | Osmanabad | 29.06.2018 |
| 31. | Dr. D.G. More | IPM of soybean | Harwadi Tal. Renapur | 01.07.2018 |
| 32. | Dr. P.H. Vaidya | IPM of soybean | DPDC Hall Latur | 02.07.2018 |
| 33. | Dr. P.H. Vaidya | IPM of soybean | ADM Agro Industries & Vizag Pvt. Ltd., Latur | 15.07.2018 |
| 34. | Dr. P.H. Vaidya | IPM of soybean | DPDC Hall Latur | 28.09.2018 |
| 35. | Dr.R.V.Jaybhaye | Farm Mechanization & Efficient Water Utilization in Drought Period | Rabbi Krushi Melava at Wadhwana, Tq. Udgir, Dist. Latur | |
| 36. | डॉ. पी.एच. वैद्य | माती परिक्षण अन्नद्रव्य व्यवस्थापन | सोयाबीन उत्पादन तंत्रज्ञान पुस्तिका ९-१४ | 2018 |



Marathi article:

| | | |
|------------------------|------------------------------------|--|
| डॉ.पी.एच. वैद्य (२०१८) | माती परिक्षण अन्नद्रव्य व्यवस्थापन | सोयाबीन उत्पादन तंत्रज्ञान पुस्तिका ९-१४ |
|------------------------|------------------------------------|--|

A. Educational tour for Post Graduate Students

1. Five Post Graduate Students was actively participated and presented research paper in National Conference on Potential, Prospectus & Strategies for Doubling Farmers Income 15 to 16 Dec., 2018 organized by Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola.
2. Fourteen PG Students was actively participated and presented research paper in State Level Seminar on Fostering Soils to Meet Emerging Challenges in Agriculture, organized by Rahuri Chapter of Indian Society of Soil Science during 30-31 October, 2018.

B. Educational tour for Under Graduate Students

1. Department of Agricultural Entomology arranged an educational tour of under graduate and post graduate students (UG VIII Sem, PG IV Sem.) to Various Sericulture Units of Ambajogai and Parli on 21.01.2018.
2. College level educational tour of B.Sc. (Agri.) IInd Semester student at Malvan, Regional Fruit Research and Cashew research Station, Vengurla, Ganpatipule, BSKKV, Dapoli, Wheat Rust Research Station, Mahabaleshwar, College of Agriculture, Pune and KVK, Baramati.

Awards to Faculty and Student :

| Sr. No | Name of the award winner | Tilte of the Award | Award/Organiser |
|--------|--------------------------|---|---|
| 1. | Dr.S.J.Magar | Women Scientist Award for Marathwada region | R.K. Foundation, Sangamner |
| 2. | Dr.S.J.Magar | Best Oral Presentation for <i>In vitro</i> antifungal efficacy of silver nanoparticles against <i>Alternaria alternata</i> causing fruit rot in pomegranate | Zonal Symposium of Plant Pathology on “Current and Emerging Trends in Plant Health Management”, scheduled on 23 rd to 24 rd August, 2018 organized by Plant Pathology Section, College of Agriculture, Nagpur at Baywatch Resorts, Pedda Colva, Goa |
| 3. | Dr.S.J.Magar | Best Poster Presentation for Biosynthesis of silver nanoparticles by using <i>Trichoderma spp.</i> | Zonal Symposium of Plant Pathology on “Current and Emerging Trends in Plant Health Management”, scheduled on 23 rd to 24 rd August, 2018 organized by Plant Pathology Section, College of Agriculture, Nagpur at Baywatch Resorts, Pedda Colva, Goa |



| | | | |
|----|--|--|--|
| 4. | Dr. P.H.Vaidya | Distinguish Scientist Award | International Conference on Food and Agriculture (ICFA-2018) 29-31 March 2018 Endling Scientific Organization (ESO) At Wedlock Green Resort, Dhanbad Jharkhand India |
| 5. | Dr. P.H.Vaidya | Best Oral Presentation award for presentation on Carban Management Strategies under Rainfaid Condition for Sustainable Agriculture | International Conference on Food and Agriculture (ICFA-2018) 29-31 March 2018 Endling Scientific Organization (ESO) At Wedlock Green Resort, Dhanbad Jharkhand India |
| 6. | Mr. Rothe Anand Shivaji Reg.No.2017A/93ML | Best student award | R.K. Foundation, Sangamner. |



Faculties acted as member of Editorial board, Referee/ member of panel:

| Name of Referee | Referee or reviewer of Journal with ISSN / Raportuer of Conference | Society | Year |
|-----------------|--|--|-------------|
| Dr.V.K. Bhamare | Annals of Plant Protection (0971-3573) | Indian Society of Nematology, IARI, Delhi | 2018-19 |
| Dr. P.H.Vaidya | Joint secretary on Executive council | Indian Society of soil survey and Land Use planning at NBSS &LUP (ICAR) Nagpur | 2017-19 |
| Dr. P.H.Vaidya | Member of Advisory Committee | Journal "Agropedology" | 2018-19 |
| Dr. P.H.Vaidya | Councilor of Executive Council | Indian Society of Soil Science, New Delhi | 2019 & 2020 |



Personality Development Programe:

As part of the continuous efforts to mobilize the students and channelize their time, energy for constructive work develop the citizens of the future society, Competitive Exam & Entrepreneurship Guidance as well as Get Together Program of ALUMNI COA, Latur (2003-07 Batch) was organized on the eve of Yua Din, the birth anniversary of Swami Vivekanand & Rajmata Jijau. This college has now a great legacy of cordial and respectful Student-Teacher relationship through the relentless and student development oriented efforts on the platform of Eklavya Forum. As a token of Brotherhoodness, an interaction and guidance program of successful senior students of 2003-07 batch was organized on the theme of Competitive Exam Preparation & Entrepreneurship Development on 12th January, 2019. This program was graced by the Hon. Vice-Chancellor, Dr. A. S. Dhawan Sir and he guided the students to thrive their potential energy and convert it into kinetic energy to drive their future life through different philosophical concepts.



On the occasion of Mahila Din on 08-03-2019





Campus Interview



Personality Development Training Programme Cum Workshop





CET Examination



Financial Position of the College

Expenditure Statement – Non-Plan

| Sr. No. | Head of Account | Budget Allocation for 2018-19 | Expenditure during 2018-19 |
|---------|-----------------|-------------------------------|----------------------------|
| 1. | Contingencies | 3129000 | 2892241 |
| 2. | Salary | 64460000 | 53678412 |
| 3. | Revenue Receipt | 3200000 | 2967285 |
| | Total | 70789000 | 59537938 |

Expenditure Statement – Plan

| Sr. No. | Head of Account | Budget Allocation for 2018-19 | Expenditure during 2018-19 |
|---------|--|-------------------------------|----------------------------|
| 1 | Strengthening of COA, Latur (29 New posts) | --- | 4911046 |

Important Committees of the Institute

| Sr. No. | Committee | Name of the Staff | Designation |
|---------|--|-----------------------|---------------------------|
| 1. | Gymkhana Committee | Dr.A.S.Kadam | Vice -President |
| 2. | PG Incharge | Dr.V.N.Toprope | In-Charge |
| 3. | UG Incharge | Dr.V.S.Jagtap | In-Charge |
| 4. | Scholarship and student concession committee | Dr.V.B.Kamble | In-Charge |
| 5. | Technical Officer | Dr.R.D.Shelke | In-Charge |
| 6. | Assistant Information Officer | Dr.R.D.Shelke | Asst. Information Officer |
| 7. | Student counseling and Placement cell | Dr.V.K.Bhamre | In-Charge |
| 8. | National Service Scheme (NSS) | Dr.D.D.Suradkar | In-Charge |
| 9. | Cultural activities committee | Dr.V.G.Takankhar | Secretary |
| 10. | Gymkhana-Finance | Dr.D.G.More | Secretary |
| 11. | Farm Management Committee | Shri.D.G.More | In-Charge |
| 12. | Student Discipline & Unfair Means Committee | Dr.P.N.Karanjekar | In-Charge |
| 13. | Finance Committee (P.G) | Shri.M. M. Bhogaonkar | Secretary |
| 14. | Education Committee (P.G) | Dr.P.B.Wadikar | Secretary |
| 15. | Exam Committee (P.G.) | Dr.J.M.Deshmukh | Secretary |
| 16. | Examination Committee (U.G) | Dr.P.V.Padghan | Secretary |
| 17. | Education Committee (U.G) | Dr.R.A.Patil | Secretary |



| | | | |
|------------------------------|---|--|---|
| 18. | Hostel & Mess Discipline (Boys & Girls) | Dr. V.K.Bhamre(Boys), Dr.S.J.Magar (Girls) | Secretary |
| 19. | Extension Training Officer | Dr.D.D.Suradkar | ETO |
| 20. | Gymkhana Sports Committee | Dr.S.S.Shrungare | Secretary |
| 21. | Anti – ragging Enquiry Committee | Dr. V.G.Takankhar | In-Charge |
| 22. | Anti – ragging Vigilance squad | Dr. V.G.Mulekar | In-Charge |
| 23. | Library | Shri.B.G.Kamble | Assistant Librarian |
| 24. | Hostel (Boys) | Dr. V.K.Bhamre Dr.P.B.Adsul Dr.S.S.Shrungare | Hostel Warden Asst. Hostel Warden Asst. Hostel Warden |
| 25. | Hostel (Girls) | Dr. S.J.Magar | Asst. Hostel Warden |
| Sports Activities | | | |
| 26. | Kho-Kho | Dr.D.C.Lokhande Shri.N.H.Chavan | In-Charge |
| 27. | Basketball | Shri.M.M.Bhogaonkar Dr.S.S.Shrungare | In-Charge |
| 28. | Kabbadi | Dr. V.S.Jagtap Dr. P.B.Adsul | In-Charge |
| 29. | Athletics | Dr.D.D.Suradkar Dr.S.S.Shrungare | In-Charge |
| 30. | Chess | Dr.R.A.Patil Dr.P.B.Wadikar | In-Charge |
| 31. | Volleyball | Dr.P.B.Wadikar Dr.S.S.Shrungare | In-Charge |
| 32. | Yoga | Dr. V.N.Toprope Dr.P.V.Padghan | In-Charge |
| 33. | Cricket | Shri.D.G.More Shri.S.K.Nalawade | In-Charge |
| 34. | Table Tennis | Dr. V.B.Kamble Shri.B.G.Kamble | In-Charge |
| 35. | Badminton | Dr. V.K.Bhamre Dr.D.G.More | In-Charge |
| 36. | Handball | Dr.R.V.Jayebhaye Dr.P.R.Dadgale | In-Charge |
| 37. | All Sports (Girls) | Dr.S.J.Magar Dr. J.M.Deshmukh | In-Charge |
| Cultural Activities | | | |
| 38. | Arts | Dr. V.G.Mulekar Mrs.M.U.Bhikane | In-Charge |
| 39. | Literary | Dr. V.K.Bhamre Dr.S.J.Magar | In-Charge |
| 40. | Music | Dr. V.K.Bhamre Dr.R.D.Shelke | In-Charge |
| 41. | Drama, Skit & Mime | Shri.N.K.Kalegore Dr. V.G.Takankhar | In-Charge |
| 42. | Folk Dance | Dr.R.V.Jayebhaye Dr. J.M.Deshmukh | In-Charge |
| Scientific Activities | | | |
| 43. | Avishkar | Dr.B.S.Indulkar Dr. V.K.Bhamre | In-Charge |

Future Thrust



Future Strengthening of Infrastructure required:

1) General Infrastructure:

1. Separate Administrative building
2. Department of Agronomy, Horticulture and Animal Husbandry buildings
3. Farm Office, Implement and Machinery Shade.
4. Strengthening of Internal Roads.
5. Vehicals stand for students and faculties

2) Student Amenities:

1. Up-gradation of Lecture halls and Laboratories.
2. Health Centre with full time Consulting Doctor.
3. Student and staff canteen facility.
4. Sports Complex comprising stadium, running track, play grounds for Kabaddi, Kho-Kho, Football, Volleyball etc.
5. Extention and upgradation of Gymnasium

Thrust Areas in Education

1. Promoting holistic higher agricultural education by blending knowledge, skill and attitude mainly through; (a) Experiential Learning programme, (b) Personality Development, (c) Faculty development, and (d) Strengthening of sports and games facilities.
2. Assuring quality and relevance of higher agricultural education by accreditation and periodic revision of course curricula.
3. Modernization of AC Farms.
4. Reduction of inbreeding in education and promotion of national integration particularly through (i) Common Entrance Tests for Under Graduate (15% seats) and Post Graduate (25% seats) programmes, (ii) Catalytic support for faculty/students exchange, guest- and adjunct-faculty, Gender mainstreaming including girls' hostel, amenities and facilities.
5. Building global competence by providing Overseas Fellowships/Scholarships and International Hostels.
6. Improving faculty competence through training, Centre of Advance Studies, Summer/Winter School, refresher courses and participation in seminars/ symposium/ conference etc.
7. Provision for visiting faculty, exchange of faculty and students for filling the gaps, excellencepromotion and enhancement of faculty-learning resources.
8. Building-on the agricultural education legacy by providing support to old historical Colleges
9. Promoting quality and innovativeness in teaching through best teacher awards and support for textbooks.



10. Linkages with national and international institutions for faculty and students exchange and teaching and learning resources management.

Future Vision/Thrust Areas Research

1. Monitoring the climate changes on crop productivity and soil and environmental qualities.
2. Inclusion of nano-technology concepts and its applications in course syllabus and in agril. research especially in the field of Agronomy, Soil Science, Horticulture, Dairy Science, Seed technology and Biotechnology.
3. Inclusion and utilization of techniques of Remote sensing and GIS for land use plans, crop planning and for precision agriculture.
4. Development of the genotypes suitable for biotic and abiotic stresses created due to climate change.
5. Research priority on farm mechanization for small and marginal farmers and innovations in operations to reduce the dependence on labour.
6. Establishment and commercial management of industries based on agricultural produce and marketing for achieving higher profit to farmers.
7. Micro and macro level planning for agricultural inputs and its availability for achieving the sustainable crop production.
8. Establishment of Auto-Weather station.
9. Establishment of Central Molecular studies facilities/Lab.



Photographic Glimpses



Farm Ponds



Farm Pond



Farm Pond



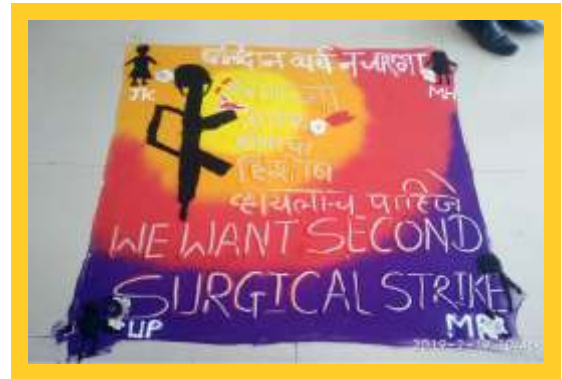
Internal Road



Field Channel for Safe disposal of excess runoff

Rangoli made by Students on different functions







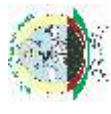
| SYMBOL | OBJECT |
|--------|------------------------------------|
| + | DUG WELLS IN USE |
| + | WELL RECHARGING PIT |
| + | DUG WELLS NOT IN USE |
| + | SUITED WELL |
| + | FODDER STOCK |
| + | THRESHING YARD |
| + | FARM POND |
| + | VEHICLE SHED |
| + | SHED NET |
| + | VERMICOMPOST SHADE |
| + | ROPS TESTING TOWER |
| + | ROOF WATER HARVESTING PIT |
| + | IRRIGATION WATER TANK |
| + | BORE WELL |
| + | DRY BORE WELL |
| + | MICRO IRRIGATION WATER SUPPLY TANK |
| + | COMPOUND WALL |

Prepared by: DR.B.M. Jaybhawe
Dept. of Agricultural Engineering

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