

**VILASRAO DESHMUKH
COLLEGE OF AGRICULTURAL BIOTECHNOLOGY,
LATUR 413 512 [MS]**



**VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH,
PARBHANI**

VILASRAO DESHMUKH COLLEGE OF AGRICULTURAL BIOTECHNOLOGY, LATUR 413 512 [MS]

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History and Development of the Institution

Agricultural Biotechnology is rapidly expanding field in Biotechnology. It involves the introduction of foreign genes into economically important plant species, resulting in crop improvement and the production of novel products in plants. There has been substantial progress in agriculture, particularly in the area of crop improvement through the use of molecular marker assisted breeding, functional genomics and recombinant DNA technology. A wide range of crop varieties containing novel genetic combinations are now being cultivated in USA, Canada, China, Argentina and several other countries. A strain of cotton containing Bt gene is now under cultivations in India.

At present, quality training in Agricultural Biotechnology is available in a limited number of institutes and laboratories. In order to achieve these objectives there is a need to generate skilled man-power in Agril. Biotechnology.

Keeping in view the rapid strides being taken in the area of Agro and Food Biotechnology research and application and to develop “Human Resource” in the field of biotechnology, Govt. of Maharashtra has genesis First Government aided Agricultural Biotechnology, College under Marathwada Agricultural University, Parbhani at Latur from the academic year 2006-07, with intake capacity of 32 students.

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ORGANIZATION AND GOVERNANCE

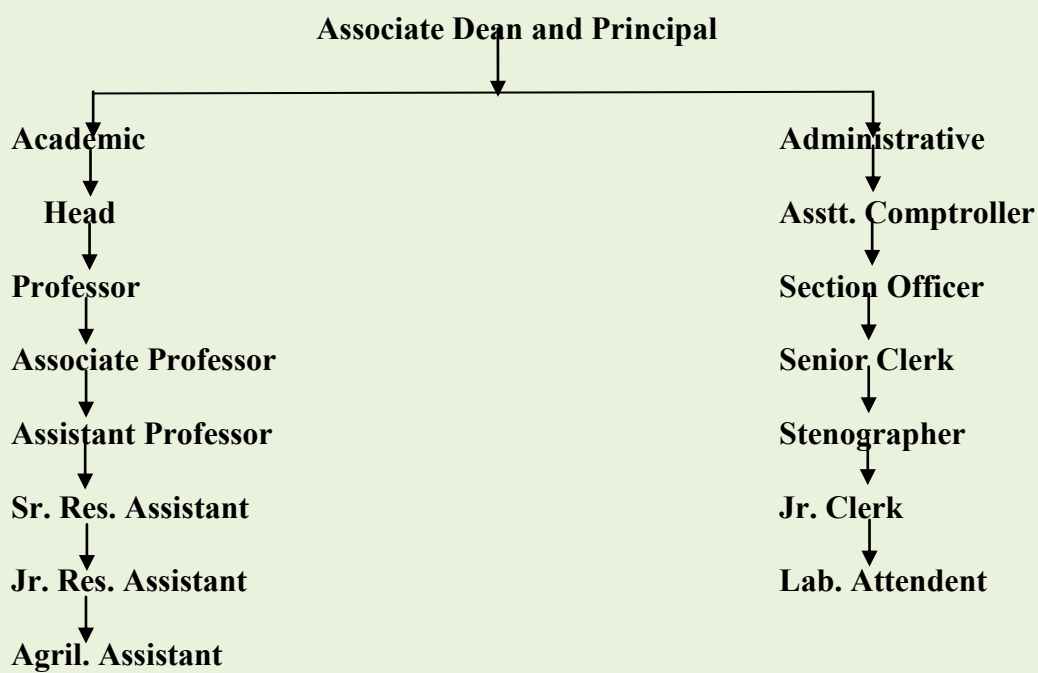
Authorization

Associate Dean and Principal of the College is authorized to guide and monitor the working of the institute.

Authorities and their composition, powers and responsibilities

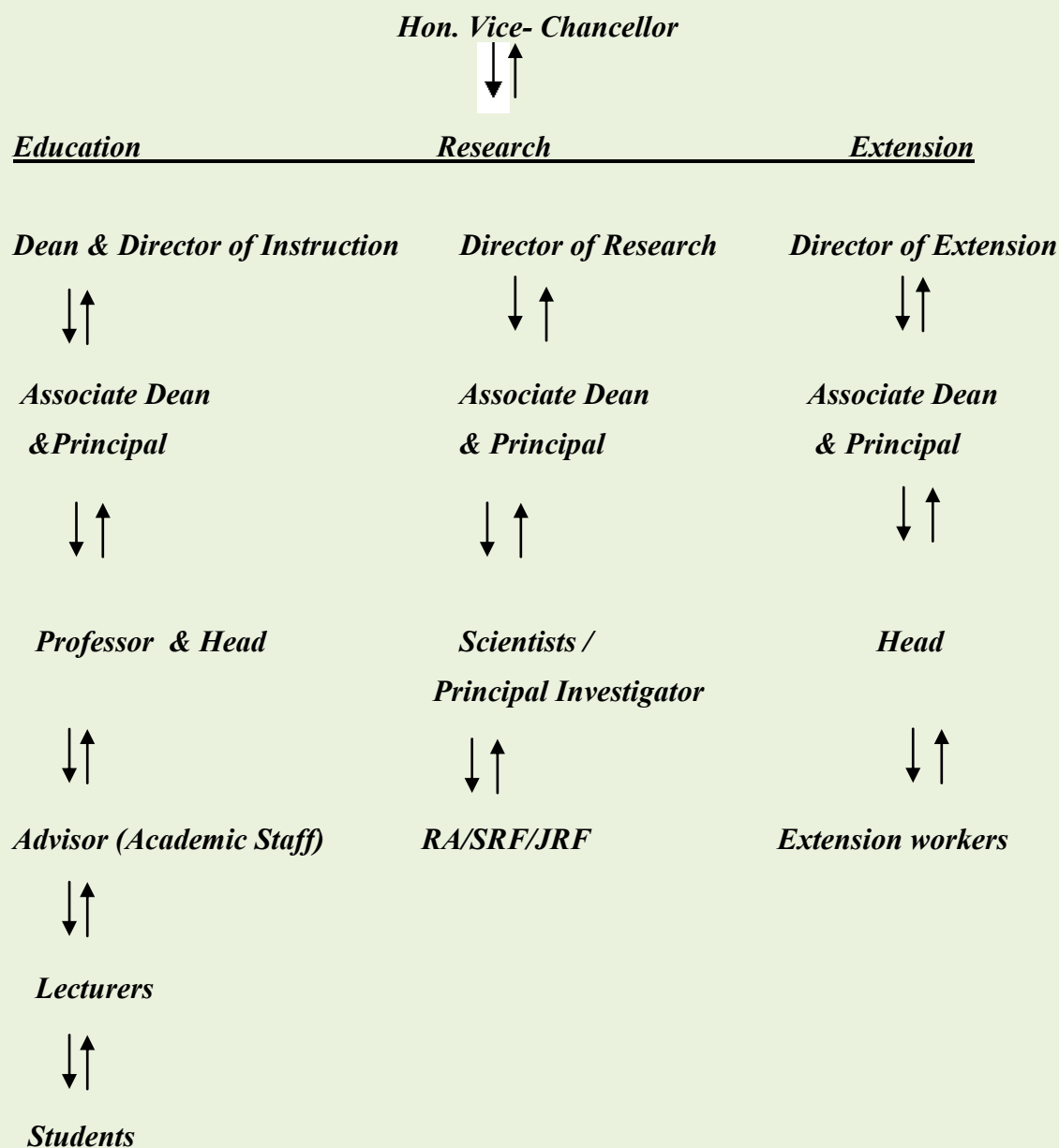
The Faculty follows the Maharashtra Agricultural Universities (Krishi Vidyapeeth) Statutes resolved in the year 1990.

Organizational Structure



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Flow charts indicating channel of communication within the institution involving various authorities and different constituents of the University



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Mode of admission for under graduate degree programme

The MCAER Pune implement and coordinate centralise online admission of UG for SAU in Maharashtra. An advertisement is published in leading news papers by MCAER, Pune in the month of May/June after declaration of the XII std. results. Applications in the prescribed proforma are called from eligible candidates for under graduate courses. The details regarding UG courses, colleges with their intake capacities, reservations of seats documents to be enclosed with the application form are given in the advertisement. The admission procedure and schedule/calendar are given in the prospectus. Students 12th standard marks along with additional 20% marks (vocational courses, 7/12 and landless labour certificate) are considered for admission to UG degree programme.

University quota (U quota), Maharashtra quota (M quota):

For admission to under graduate courses, 70% seats of the admission capacity will be filled in from amongst the students who have passed the qualifying examination from the school or the institution situated in the University area (U quota) and remaining 30% seats will be kept open for all the students i.e. State quota (M quota). Admission to all the under graduate degree programme are on merit basis.

Other State quota (OS)

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The 2% seats reserved for the candidates having the domicile of other State from India and whose parents have not stayed in Maharashtra State for minimum of three years within the period of ten years preceding the admission year, such seats shall be termed as Other State Quota : OS quota.

ICAR quota

25% of the total seats for all U.G. courses shall be reserved to be filled in from all India basis through Common Entrance Examination to conducted by ICAR, New Delhi (it includes 10 % seats over and above the sanctioned intake capacity). This provision relates to constituent colleges. The constitutional reservation is followed as per directives of state government.

Mode of admission for Post graduate degree programme

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

The MCAER Pune coordinate, centralise online admission in SSAU of Maharashtra for PG. An advertisement is published in leading newspapers in the month of Sept/August and the applications in the prescribed proforma are called from the eligible candidates for post graduate courses. The detailed regarding PG courses, colleges with their intake capacities, reservations of seats, documents to be enclosed with the application form are given in the prospectus. The admission procedure is given in the prospectus. The Maharashtra Council of Agricultural Research Education and Research, Pune publishes the prospectus with all these details.

U quota and M quota

Out of total admissions 50% admissions are filled from U quota (from the candidates passed qualifying examination from colleges of University jurisdiction) and 50% from M quota from the students who have passed qualifying examination in Maharashtra State

Other State quota (OS quota)

The 2% seats reserved for the candidates having the domicile of other State from India and whose parents have not stayed in Maharashtra State for minimum of three years within the period of ten years preceding the admission year, such seats shall be termed as Other State Quota: OS quota.

ICAR quota

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25% of the total seats for all M.Sc. courses shall be reserved to be filled in from all India basis through Common Entrance Examination to conducted by ICAR, New Delhi (it includes 10 % seats over and above the sanctioned intake capacity). This provision relates to constituent colleges.

The constitutional reservation is followed as per directives of state government.

U quota and M quota

Out of total admissions 50% admissions are filled from U quota from the candidates passed qualifying examination from colleges of University jurisdiction and 50% from M quota from the students who have passed qualifying examination in Maharashtra State.

Other State quota (OS)

The 2% seats reserved for the candidates having the domicile of other State from India and whose parents have not stayed in Maharashtra State for minimum of three years within the period of ten years preceding the admission year, such seats shall be termed as Other State Quota (OS quota).

The constitutional reservation is as per the directives of state government.

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System of Education

The College adopted course credit system under the semester pattern. In this system each academic year is divided into two terms not less than 20 weeks called semester. Subjects to be taught are divided into self contained units called courses. These are taught in a semester through lecturers practical's, library reading, and field work assignments etc.

The students admitted to B.Sc. (Agri.) degree course have to complete one semester as rural work experience in the farmer field as per the recommendation of IV Dean's Committee report of ICAR, New Delhi. The getting hands on training the students are exposed to VIII semester for Experimental Learning Programme.

Curricula Development/Revision Process

The academic curricula is regularly updated and revised in the light of the developments place and as per the theoretical and practical requirements of different and programmes. Some course/subject in degree programme is added while those old are obsolete from the curricula.

A new and revised curriculum for under graduate degree programmes has been introduced in operation since academic year 2007-08 in accordance with recommendations of IV Dean's Committee of ICAR, New Delhi.

A new and revised curriculum for post graduate degree programmes was introduced and is in institution since academic year 2009-10 as per the directives of the NCG and ICAR, New Delhi. Syllabus is revised after 10 years by Dean's Committee.

Adoption of ICAR Model Curricula and Deviation

U.G. courses

As per the IV Dean's Committee the new degree course/subject based Academic programmes are implemented from 2007-08.

RAWE programme

The revised RAWE (RAWE model-I) is being implemented since the academic year 2010-11 during VII semester in accordance with recommendations of IV Dean's Committee of the ICAR. This programme provides the opportunities to students for hands on training and develops confidence and competence for solving various agricultural problems and launching a career for them in agriculture. The students are to stay for five months along with farmers in the villages which includes exposure visit to different agro based Industries and Research Stations etc. RAWE programme helps to increase the confidence of students and entrepreneurial skills development.

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Objectives of experiential learning

- i) To train manpower with more practical orientation to cater to the needs of public, private and corporate sectors in Agriculture.
- ii) To impart knowledge and training in inter disciplinary production oriented courses in Agriculture.
- iii) To provide experiential learning and hands-on-training for developing entrepreneurial skill for being job provider rather than jobseekers.

Twenty to thirty students are admitted in the experimental learning module as per the preference and merit.

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PHYSICAL FACILITIES (INFRASTRUCTURE)

The College of Agril. Biotechnology, Latur established bin the year 2006 is one of the constituent colleges of Marathwada Agricultural University, Parbhani. The infrastructure faculties like college building, hostel buildings, etc. Constructions are in progress. The college has a land of 20 ha out of which 10 ha are utilized for instructional purpose. The facilities like green house, glass house, poly house etc. Will be developed aftger complete construction of college and other buildings.

The college laboratory is equipped with facilities of International standards, college has well equipped central laboratory with high speed refrigerated centrifuge, UV-VIS spectrophotometers, Laminar flows, PAGE – gel electrophoresis unit, Thermal cycler (PCR), Elisa reader, Semi micro balances, -20 & 40°C refrigerators, Gel-doc system, photo microscope with all attachments, iso-electro focusing unit etc.

The Gymkhana of this college is actively engaged in student development programmes and other activities like sport, cultural activities, celebration of various programmes etc.

Library

As central university library is close to the college building, students and staff members are exclusively using central library.

Computer Centre

There is separate building for central computer cell in the building in which 35 computers are established for exclusive use of students.

Seminar Hall

Each department of the college is having seminar hall with sufficient space for conducting staff/guest lectures and student seminars of regular course work. The seminar hall is equipped with all audio visual aids such as PA equipments, LCD projector and one computer system.

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Boy's hostel

The college is having five boy's hostels and one high quality international hostel with the accommodation capacity of 1200 boy's students of UG & PG. The hostel is attached with separate mess facilities.

Faculty quarters

Housing facilities are available to faculty staff is adequate. At present most of the staff of the college is accommodated in quarters. The quarters available in terms of space are also in accordance with ICAR norms.

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