



भारतीय कृषि अनुसंधान परिषद
INDIAN COUNCIL OF AGRICULTURAL RESEARCH

कृषि अनुसंधान भवन-II, पूसा, नई दिल्ली-110012
Krishi Anusandhan Bhawan-II, Pusa, New Delhi - 110 012
Website: www.icar.gov.in

F. No. 1/9/2024/EQAR/Edn.Accre.

Dated: 16th October, 2024


Notification

As per the decision of the National Agricultural Education Accreditation Board taken in its 37th meeting held on 26th September 2024, **Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra** has been granted accreditation for a period of five years w.e.f. **01/04/2023 to 31/3/2028** with Grade-A. The details of Colleges/programmes approved for accreditation are enclosed as Annexure I.

Further, the University/College needs to abide by the following requirements during the entire period of accreditation.

1. Self-Study Reports of all accredited programmes should be uploaded on University website with intimation of necessary link immediately.
2. University/College should annually upload intake data of students in all accredited degree programme(s), college-wise faculty positions on its website for information of stakeholders.
3. Student intake capacity of the accredited UG/PG/PhD degree programme(s) must be maintained during the accreditation period. Any increase in the student intake capacity during accreditation period without permission of the NAEAB will be liable to cancel the accreditation.
4. Strength of faculty/technical /supporting staff as listed in latest year of Self-Study Reports must be maintained by the University/College/Programme.
5. Mid-Term Reviews will be conducted on actionable points (Annexure-II). The University is required to address the observations on actionable points in a time bound manner and submit Action Taken Report accordingly.

Yours faithfully,



(Rajesh Kumar Jha)

Dy. Secy. (Agril Edn. & NAHEP)

Encl: As Above

Copy to:

1. The Registrar, Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra, Email ID- registrar.mpkv@nic.in
2. PSO to Secretary, DARE & DG, ICAR, Krishi Bhawan, New Delhi-01 for kind information.
3. PPS to DDG, Agril Edn, KAB-II, Pusa Campus, New Delhi-12, for kind information.
4. Concerned file/Guard file

Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra


1. Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra was approved for accreditation for a period of five years w.e.f. **01/04/2023 to 31/3/2028** with Overall Score of 3.12 /4.00 equivalent to Grade A
2. College-wise UG/PG/Ph.D. Programmes approved for accreditation along with university.

A. College of Agriculture, Pune

- B.Sc.(Hons.) Agriculture
- M.Sc. (Agri.) Agronomy
- M.Sc. (Agri.) Agricultural Extension Education
- M.Sc. (Agri.) Agricultural Meteorology
- M.Sc. (Agri.) Plant Pathology
- M.Sc. (Agri.) Microbiology
- M.Sc. (Agri.) Floriculture and Landscaping
- M.Sc. (Agri.) Entomology
- M.Sc. (Agri.) Agricultural Economics
- M.Sc. (Agri.) Soil Science
- M.Sc. (Agri.) Genetics and Plant Breeding
- Ph.D Agricultural Meteorology

B. Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra

- M.Sc. (Agri.) Agricultural Economics
- M.Sc. (Agri.) Agricultural Extension Education
- M.Sc. (Agri.) Agronomy
- M.Sc. (Agri.) Biochemistry
- M.Sc. (Agri.) Entomology
- M.Tech. Food Processing Technology
- M.Sc. (Hort.) Fruit Science
- M.Sc. (Agri.) Genetics and Plant Breeding
- M.Sc. (Agri.) Microbiology
- M.Sc. (Agri.) Seed Science and Technology
- M.Sc. (Agri.) Plant Pathology
- M.Sc. (Agri.) Plant Physiology
- M.Sc. (Agri.) Soil Science
- M.Sc. (Hort.) Vegetable Science
- M.Sc. (Agri.) Molecular Biology & Biotechnology
- Ph.D Agricultural Economics
- Ph.D Agricultural Extension Education
- Ph.D Agronomy


16/11/2024

- Ph.D Entomology
- Ph.D Food Processing Technology
- Ph.D Fruit Science
- Ph.D Genetics and Plant Breeding
- Ph.D Microbiology
- Ph.D Plant Pathology
- Ph.D Plant Physiology
- Ph.D Seed Science and Technology
- Ph.D Soil Science
- Ph.D Vegetable Science
- Ph.D Biochemistry

C. Rajarshee Chhatrapati Shahu Maharaj College of Agriculture, Kolhapur

- B.Sc.(Hons.) Agriculture
- M.Sc. (Agri.) Agricultural Economics
- M.Sc. (Agri.) Agricultural Extension Education
- M.Sc. (Agri.) Microbiology
- M.Sc. (Agri.) Entomology
- M.Sc. (Agri.) Soil Science
- M.Sc. (Hort.) Vegetable Science
- M.Sc. (Agri.) Agronomy
- M.Sc. (Agri.) Genetics and Plant Breeding

D. College of Agriculture, Dhule

- B.Sc.(Hons.) Agriculture
- M.Sc. (Agri.) Agronomy
- M.Sc. (Agri.) Entomology
- M.Sc. (Hort.) Fruit Science
- M.Sc. (Agri.) Genetics and Plant Breeding
- M.Sc. (Agri.) Plant Pathology
- M.Sc. (Agri.) Soil Science

E. Dr. Annasaheb Shinde College of Agril. Engineering & Technology, Rahuri

- B.Tech. (Agriculture Engineering)
- M.Tech. Farm Machinery and Power Engineering
- M.Tech. Irrigation and drainage Engineering
- M.Tech. Soil and water Conservation Engineering
- M.Tech. Processing and Food Engineering
- Ph.D Farm Machinery and Power Engineering
- Ph.D Irrigation and Drainage Engineering
- Ph.D Processing and Food Engineering
- Ph.D Soil and Water Conservation Engineering

Ramman
16/11/2024

F. College of Agriculture, Nandurbar

- B.Sc.(Hons.) Agriculture Programme

3. The following Programmes were not-eligible for accreditation

Following two Programmes under Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra were not assessed as no students admitted in these programme during qualifying period:

- M.Sc. (Agri.) Agricultural Statistics
- Ph.D. Agricultural Statistics

R. B. Meena
16/12/2024

Criteria	Key aspects	Assessment of the Peer Review Team (maximum three points)
1. College Administration	i. Dean's office establishment	<ul style="list-style-type: none"> College has separate Associate Dean Office establishment. There are 70 staff in Dean's Secretariat to coordinate student activities.
	ii. Monitoring mechanism (on-line)	<ul style="list-style-type: none"> Associate Dean of the college have monitoring mechanism to ensure quality education in the College. Monitoring Committee for Quality Education (UG, PG and Ph.D.) help in monitoring various academic activities of students.
	iii. CC/Board of studies/Academic Council	<ul style="list-style-type: none"> Department-wise Board of Studies is in place and they are conducting annual meetings. The major recommendations of Board of Studies are listed in SSR.
	iv. Anti-ragging Cell	<ul style="list-style-type: none"> College has constituted Anti-ragging committee and Anti-ragging Squad every year as per UGC regulations. CCTV cameras has been installed at vital points of the campus as per UGC regulations.
	v. Biological Waste Disposal Facility	<ul style="list-style-type: none"> Biological Waste Disposal Facility is in place. Biological waste like agricultural waste, spent-mushroom compost, tree litter and other organic waste is converted into compost, vermicompost and PROM using cow-dung slurry, decomposing culture, earthworms and rock phosphate. Municipal waste is also value added with coconut shell. Besides producing vermiwash and earthworms, biological waste is recycled into compost, vermicompost and PROM are made available for sale.
	vi. Institutional Ethics Committee for Experiment on animals	<ul style="list-style-type: none"> Institutional Ethics Committee for experiments on Animals is in place.
	vii. Committee for prevention of sexual harassment of women on work places	<ul style="list-style-type: none"> The Committee is in place and conducting meetings. No cases reported
2. Faculty	i. Faculty strength	<ul style="list-style-type: none"> College has 59 number of faculty (out of 106 sanctioned faculty). Cadre-wise strength is : 3 Professors, 17 Associate Professors and 38 Assistant Professors and Associate Dean. Additionally 31 faculty from AICRP, State schemes and DFR also involved in teaching and guidance. Vacant posts should be filled up on priority.
	ii. Faculty profile (department wise)	<ul style="list-style-type: none"> About seventy percent are with masters degree. Department wise and cadre-wise faculty as per the sanctioned positions should be in place.
	iii. Credentials of the Faculty	<ul style="list-style-type: none"> The credential of the faculty is good as many faculties have research paper having NAAS rating more than six.

Revised

		<ul style="list-style-type: none"> Many faculty members are highly qualified and having Ph.D. degree, guiding students and handling externally funded projects. Faculty members also participated in various National/International conference / seminar/ workshops.
	iv. Technical staff and other supporting staff	<ul style="list-style-type: none"> College has 107 Technical, supporting, lab and administrative staff (sanctioned strength 187) and 75 farm staff (sanctioned strength 223). Technical, supporting and farm staff are distributed among different departments.
3. Learning Resources	i. College library (digital)	<ul style="list-style-type: none"> The College library houses over 64, 000 books. Book bank facility exist. WiFi and internet and reading room facility available. The library uses KOHA Library Management Software to maintain its collection database. Books are searchable electronically through OPAC. Working hours 6am to 11 pm.
	ii. Laboratories, Instructional Farm / Workshop / Dairy Plant / Veterinary Clinic / Hatchery and ponds etc.	<ul style="list-style-type: none"> College has well equipped laboratories, workshop facilities, language lab, dairy plant, farm pond, green house, polyhouse, Animal Husbandry and dairy science unit, and shade net, farm machinery museum and implementation shed for meeting the academic and research requirements for programs. College has farm area and instructional farm with micro irrigation system, poly houses for protected cultivation and poly lined water harvesting structures.
	iii. Student Ready / In-plant training / Internship / Skill Development Modules/Experiential Learning modules etc.	<ul style="list-style-type: none"> The student READY/ In-plant training program has been implemented in the college as per the ICAR guidelines. Twelve ELP modules were implemented in College of Agriculture, Pune and these are running throughout the year by having two batches of students. The income earned from each of the ELP is shared among the students.
	iv. Curricula delivery through IT (like smart classrooms / interactive boards etc.)	<ul style="list-style-type: none"> Curricula delivery through ICT tools is evident. Functional smart class room and interactive white board was setup to take regular and online classes for students.
4. Student Development	i. Student intake and attrition for last five years	<ul style="list-style-type: none"> The sanctioned intake was 202-219 students per year. Total 1253 students admitted during last five years. Students attrition ranged from – 1.83 – 6.39%. M.Sc. programmes 59-70 per year, with attrition 1.67-3.0 %. PhD 2 students admitted with Nil attrition.
	ii. Average number of students in theory and practical classes	<ul style="list-style-type: none"> The number of UG students in one batch of theory classes is 80 whereas in practical classes two batches of 30 each are there in the class. In PG and PhD, one batch each.
	iii. Admission process	<ul style="list-style-type: none"> The admission procedure for UG, PG and Ph.

		<p>D. is carried out online by the Maharashtra Council for Agricultural Education and Research (MCAER), Pune. The seat allocation to colleges is made by MCAER and accordingly students take admission in the allotted colleges. The 70 % quota is reserved for candidates from University jurisdiction and 30% for all Maharashtra candidates. The 15% quota over and above total intake is reserved for ICAR candidates in each constituent college.</p>
	iv. Conduct of Practical & hands – on – training	<ul style="list-style-type: none"> • Conduct of Practical and Hands-on- Training is adequately practiced. • Hands on training are also conducted through experiential learning program, agrometeorology lab, orchards, INSTRUCTIONAL UNITS, AICRPs, workshop, farmers fields.
	v. Examination and Evaluation process	<ul style="list-style-type: none"> • Being conducted as per ICAR guidelines and University. • The different Examinations of UG are conducted as per the calendar issued by MCAER.
	vi. NSS/NCC/RVC Units	<ul style="list-style-type: none"> • College has both NCC and NSS units. • Large number of activities carried out are listed in the SSR.
	vii. Language laboratory	<ul style="list-style-type: none"> • The language lab has 30 desktop computers with ENGLISH CLOUD Premium Editio SOFTWARE for the students.
	viii. Cultural center	<ul style="list-style-type: none"> • This college has its own cultural center with required equipments. Students participated in several activities and won several award/certificates and the details are listed in SSR.
	ix. Personality development	<ul style="list-style-type: none"> • College has a student counseling and placement cell. • Many Expert Lectures/ personality Development programmes have been organized.
5. Physical Facilities	i. Hostel (both boys and girls) and its amenities	<ul style="list-style-type: none"> • College has separate boys and girls hostel facility with required amenities in the campus (total 5 hostels) to meet the requirement of students.
	ii. Examination Halls	<ul style="list-style-type: none"> • College has examination hall with the seating capacity of 300 students with CCTV monitoring facility. • Separate examination hall is available for PG/Ph.D. students with seating capacity of 80 students.
	iii. Sports and recreation facilities	<ul style="list-style-type: none"> • The college has a playground, a well-equipped gymnasium, and a Badminton Hall. The play ground has been developed for outdoor games, viz., cricket, kho-kho, kabaddi, volleyball, basketball, football etc. In addition, indoor games like table tennis and badminton are also played in the gymnasium and badminton hall.

	iv. Auditorium	<ul style="list-style-type: none"> College has an Auditorium with a seating capacity of 350.
	v. Exhibition Hall/Museum	<ul style="list-style-type: none"> The museum is maintained in the old main building. Various seed samples, a specimen of insects, diseases, rocks, minerals, manures and fertilizers, models of cattle, sheep and goat breeds, poultry birds and informative charts are displayed regarding various agriculture and related technologies. Soil Science, Agricultural engineering and Entomology department have well maintained museum.
6. Research Facilities	i. PG laboratories and equipment	<ul style="list-style-type: none"> Department-wise PG labs and workshops and central lab of the college are well equipped with advance equipments for conducting research and practical classes.
	ii. Research contingency	<ul style="list-style-type: none"> Research contingency available are Adequate.
7. Outcome/ Output	i. Student performance in National Examinations (such as JRF/SRF/ARS)	<ul style="list-style-type: none"> During the last five years the students selected for JRF, SRF, NET, ARS, CET, MBA and other Fellowships were 37, 12, 29, 215, and 30 respectively.
	ii. Students' placement profile	<ul style="list-style-type: none"> The number of students placed in various Govt. and private organizations during last five years was 524. 157 students cleared UPSC/MPSC/IRS exams.
	iii. Awards/ Recognition / Certificates	<ul style="list-style-type: none"> The faculty and students have received several awards/recognitions and the listed in SSR.
	iv. Employability	<ul style="list-style-type: none"> The placement Cell organize a variety of training sessions for personality development, interview skills and mock interviews. Experiential Learning program provide excellent opportunities to students to develop entrepreneurship skills through hands on training. In last five years 34 graduates became entrepreneurs with turn over upto Rs.3 crores annually.

Krishna Vidya

Assessment Report of the Programme: B.Sc. (Hons.) Agriculture
College of Agriculture, Pune

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> College has 59 number of faculty (out of 106 sanctioned faculty). Cadre-wise strength is : 3 Professors, 17 Associate Professors and 38 Assistant Professors and Associate Dean. Vacant posts should be filled up on priority.
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> College has 107 Technical, supporting, lab and administrative staff (sanctioned strength 187) and 75 farm staff (sanctioned strength 223). Technical, supporting and farm staff are distributed among different departments.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> Five class rooms in UG academic block and individual departments have classrooms for practical class. The theory batch includes three units of 80 students and the practical batch with 30 students. All the departments have well equipped laboratories for conducting practical classes as per the requirements of the course curriculum. The Instructional Farm attached to the College of Agriculture, Pune covers an area of 64.47 ha. Essential instruction units available. <ul style="list-style-type: none"> Farm house/threshing floor/processing centre- 2.18 ha Crop cafeteria- 0.90 ha Field classroom (2)- 0.1 ha ELP units- vermicomposting, Nursery Polyhouse/Green house/any other for skill development or Entrepreneurial mode – 4.22 ha Agronomy (Local Crops), Genetics and Plant Breeding, Soil Science, Physiology, Other department – 13.00 ha Horticulture (orchard) – 6.50 ha Organic/Natural farming – 2.00 ha Plant Protection practical - 0.80 ha UG practical demonstration – 5.00 ha ELP units to be established under skill development or Entrepreneurial mode- 1.0 ha
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> UG practicals and Hands-on- Training are conducted as per guidelines, in six batches of 30 students. Laboratory manuals need to be updated in some courses.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> Student mentoring is adequate.
	Feedback of stakeholders (Students,	<ul style="list-style-type: none"> Feedback mechanism from the students in place. Online feedback process initiated.

15

	Parents, industries, employers, farmers etc.)	<ul style="list-style-type: none">• However, the feedback collected should be analyzed properly and action taken recorded.
	<ul style="list-style-type: none">• Student intake and attrition in the programme for last five years	<ul style="list-style-type: none">• The sanctioned intake was 202-219 students per year.• Total 1253 students admitted during last five years.• Students attrition ranged from – 1.83-6.39%.• The faculty and lab facilities commensurate with the current students intake.
	<ul style="list-style-type: none">• ICT application in curricula delivery	<ul style="list-style-type: none">• IC application in curricula delivery is adequate.• There are Smart classrooms with interactive board, LCD, Wi-Fi and AV in the college.

Assessment Report of the Programme: M.Sc. (Agri.) Agronomy
College of Agriculture, Pune

16

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 11. In position Five regular faculty (1-Professor, 2 – Associate Professors, 2- Assistant Professor) and six from other research scheme / regional stations are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room equipped with LCD projector, Internet and CCTV Department has laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6-7 and the total intake of students during last five years was 31. The student attrition ranged from 0-14.28%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Mahatma Phule

Assessment Report of the Programme: M.Sc. (Agri.) Agricultural Extension Education
College of Agriculture, Pune

17

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 6. In position Five regular faculty (1- Professor, 1 – Associate Professors, 3- Assistant Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room equipped with LCD projector, Audio-Visual Aids, Internet and CCTV Department has laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6-7 and the total intake of students during last five years was 31. The student attrition ranged from 0-13.3%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Agricultural Meteorology
College of Agriculture, Pune

18

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 6. In position One Associate Professors is in place. Four Associate from other department of the college / research scheme / regional stations are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 7 technical and supporting staff for the conduct of practical in the labs and also in the field studies.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room equipped with LCD projector, Internet and CCTV Department has laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 30. The student attrition ranged from 0- 33%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 5. In position Two regular faculty (1 – Associate Professors, 1- Assistant Professor) and six from other research scheme / regional stations are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room equipped with LCD projector, Internet and CCTV Department has laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 29. The student attrition is nil.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Microbiology
College of Agriculture, Pune

20

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 5. In position Two regular faculty (1 – Associate Professors, 1- Assistant Professor) and three from other research scheme / regional stations are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room equipped with LCD projector, Internet and CCTV Department has laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 27. The student attrition ranged from 0-20%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Hort.) Floriculture and Landscaping
College of Agriculture, Pune

21

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 7. In position four regular faculty (2 – Associate Professors, 2- Assistant Professor) and fourteen from other research scheme / regional stations / ICAR DFR are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room equipped with LCD projector, Internet and CCTV Department has laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 30. The student attrition ranged from 0-16.6% (50% in 2021-22)
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 8. In position Two regular faculty (1 – Associate Professors, 1- Assistant Professor) and three from other research scheme / regional stations are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room equipped with LCD projector, Internet and CCTV Department has laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 30. The student attrition is nil.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 5. In position Four regular faculty (1 – Associate Professors, 3- Assistant Professor) and three from other research scheme / regional stations are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room equipped with LCD projector, Internet and CCTV Department has laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 30. The student attrition is nil.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Soil Science
College of Agriculture, Pune

24

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 10. In position Eight regular faculty (1 – Associate Professors, 7- Assistant Professor) and one from other research scheme / regional stations are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room equipped with LCD projector, Internet and CCTV Department has laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 30. The student attrition ranged from 0-16.6%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

25

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 8. In position Four regular faculty (1 – Associate Professors, 3- Assistant Professor) and two from other research scheme / regional stations are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room equipped with LCD projector, Internet and CCTV Department has laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 30. The student attrition ranged from 0-16.6%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: Ph.D. Agricultural Meteorology
College of Agriculture, Pune

26

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 6. In position One Associate Professors is in place. Four Associate from other department of the college / research scheme / regional stations are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 7 technical and supporting staff for the conduct of practical in the labs and also in the field studies.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room equipped with LCD projector, Internet and CCTV Department has laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 2 and the total intake of students during last five years was 10. The student attrition was Nil.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content

Assessment Report for the College: Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

Criteria	Key aspects	Assessment of the Peer Review Team (maximum three points)
1. College Administration	i. Dean's office establishment	<ul style="list-style-type: none"> Dean's Office establishment is in place. There are 9 staff in Dean's Secretariat to coordinate student activities.
	ii. Monitoring mechanism (on-line)	<ul style="list-style-type: none"> Dean of the University has monitoring mechanism to ensure quality education in the College. HOD's also help in monitoring various academic activities of students.
	iii. CC/Board of studies/Academic Council	<ul style="list-style-type: none"> Department-wise Board of Studies is in place and they are conducting annual meetings. The major recommendations of Board of Studies are listed in SSR.
	iv. Anti-ragging Cell	<ul style="list-style-type: none"> College has constituted Anti-ragging committee and Anti-ragging Squad every year as per UGC regulations. CCTV cameras has been installed at vital points of the campus as per UGC regulations.
	v. Biological Waste Disposal Facility	<ul style="list-style-type: none"> Biological Waste Disposal Facility is in place.
	vi. Institutional Ethics Committee for Experiment on animals	<ul style="list-style-type: none"> Institutional Ethics Committee for experiments on Animals is in place.
	vii. Committee for prevention of sexual harassment of women on work places	<ul style="list-style-type: none"> The Committee is in place. No cases reported
2. Faculty	i. Faculty strength	<ul style="list-style-type: none"> College has 45 number of faculty (out of 73 sanctioned faculty). Six Professors, 22 Associate Professors and 17 Assistant Professors and Associate Dean. Additionally 66 faculty from research schemes are also involved in teaching and guidance. Vacant posts should be filled up on priority.
	ii. Faculty profile (department wise)	<ul style="list-style-type: none"> Department wise and cadre-wise faculty as per the sanctioned positions should be in place.
	iii. Credentials of the Faculty	<ul style="list-style-type: none"> The credential of the faculty is good as many faculties have research paper having NAAS rating more than six. However the publication quality need improvement. Many faculty members are highly qualified and having Ph.D. degree, guiding students and handling externally funded projects. Faculty members also participated in various National/International conference / seminar/ workshops.
	iv. Technical staff and other supporting staff	<ul style="list-style-type: none"> College has 72 -Technical, 67- supporting and 262- field staff. Technical, supporting and field staff are distributed among different departments.
3. Learning Resources	i. College library (digital)	<ul style="list-style-type: none"> No separate library for the college however the students are utilizing the university library which houses large number of periodicals and books.

		<ul style="list-style-type: none"> KOHA Library Management Software to maintain its collection database. Books are searchable electronically through OPAC. Working hours 6am to 11 pm.
	ii. Laboratories, Instructional Farm / Workshop / Dairy Plant / Veterinary Clinic / Hatchery and ponds etc.	<ul style="list-style-type: none"> Every discipline has well equipped laboratories for meeting the academic and research requirements for programmes. College has farm area and instructional farm with micro irrigation system, poly houses for protected cultivation and poly lined water harvesting structures.
	iii. Student Ready / In-plant training / Internship / Skill Development Modules/Experiential Learning modules etc.	<ul style="list-style-type: none"> Not applicable
	iv. Curricula delivery through IT (like smart classrooms / interactive boards etc.)	<ul style="list-style-type: none"> Curricula delivery through ICT tools is evident. Functional smart class room and interactive white board was setup to take regular and online classes for students.
4. Student Development	i. Student intake and attrition for last five years	<ul style="list-style-type: none"> Students attrition was – 8-15%. M.Sc. programmes intake- 132 per year Ph.D. programmes intake - 55 students per year.
	ii. Average number of students in theory and practical classes	<ul style="list-style-type: none"> In PG and Ph.D., one batch each.
	iii. Admission process	<ul style="list-style-type: none"> The admission procedure for PG and Ph.D. is carried out online by the Maharashtra Council for Agricultural Education and Research (MCAER), Pune. The seat allocation to colleges is made by MCAER and accordingly students take admission in the allotted colleges. The 70 % quota is reserved for candidates from University jurisdiction and 30% for all Maharashtra candidates. The 15% quota is reserved for ICAR candidates in each constituent college.
	iv. Conduct of Practical & hands – on – training	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is adequately practiced. Hands on training are also conducted through experiential learning program, agrometeorology lab, orchards, INSTRUCTIONAL UNITS, AICRPs, workshop, farmers fields.
	v. Examination and Evaluation process	<ul style="list-style-type: none"> Being conducted as per ICAR guidelines and University. The different Examinations of PG and Ph.D. are conducted as per the calendar issued by MCAER.
	vi. NSS/NCC/RVC Units	<ul style="list-style-type: none"> Not applicable
	vii. Language laboratory	<ul style="list-style-type: none"> The language lab is established in University library. The Post Graduate Institute Student avail the facility.
	viii. Cultural center	<ul style="list-style-type: none"> At the University level cultural and sport center is available with required equipments. Students participated in several activities and won several award/certificates and the details are listed in SSR

	ix. Personality development	<ul style="list-style-type: none"> The institute has a student counseling and placement cell. Many Expert Lectures / personality Development programmes have been organized.
5. Physical Facilities	i. Hostel (both boys and girls) and its amenities	<ul style="list-style-type: none"> The post graduate institute has separate boys and girls hostel facility with required amenities in the campus (total 2 hostels) to meet the requirement of students.
	ii. Examination Halls	<ul style="list-style-type: none"> College has common examination hall with the seating capacity of 500 students with CCTV monitoring facility. Two more lecture halls with 60 student capacity are also available.
	iii. Sports and recreation facilities	<ul style="list-style-type: none"> The Institute / University has a playground, a well-equipped gymnasium, and a Badminton Hall. The ground has been developed for outdoor games, viz., cricket, kho-kho, kabaddi, volleyball, basketball, football etc. In addition, indoor games like table tennis and badminton are also played in the gymnasium and badminton hall.
	iv. Auditorium	<ul style="list-style-type: none"> The Institute / University has an Auditorium for a seating capacity of 800.
	v. Exhibition Hall/Museum	<ul style="list-style-type: none"> The exhibition hall is available at ATIC. Soil museum is also maintained.
6. Research Facilities	i. PG laboratories and equipment	<ul style="list-style-type: none"> The PG labs of the college are well equipped with advance equipments for conducting research and practical classes.
	ii. Research contingency	<ul style="list-style-type: none"> Adequate.
7. Outcome/ Output	i. Student performance in National Examinations (such as JRF/SRF/ARS)	<ul style="list-style-type: none"> During the last five years the students selected for ARS-2, NET-171 and SRF-6.
	ii. Students' placement profile	<ul style="list-style-type: none"> The number of students placed in various Govt. and private organizations during last five years was 337.
	iii. Awards/ Recognition / Certificates	<ul style="list-style-type: none"> The faculty and students have received several awards/recognitions and the listed in SSR.
	iv. Employability	<ul style="list-style-type: none"> The placement Cell organises a variety of training sessions for personality development, interview skills and mock interviews.

Assessment Report of the Programme: M.Sc. (Agri.) Agricultural Economics
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 5. In position Three (1-Professor, 1- Associate Professor & 1-Assistant Professor). Additionally faculty from CC MPKV, Rahuri are also involved in PG teaching and research guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by large number of technical (21) and supporting staff (167).
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has two smart classrooms with Audio Visual Aids. Department has a computer lab with required softwares (EViews, R, STATA SPSS) for the analysis of data.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 9-15 and the total intake of students during last five years was 52. The student attrition was low (Except in 2020-21 with 22%)
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Agricultural Extension Education
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

31

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 9. In position Nine (3-Professors, 2- Associate Professor & 4-Assistant Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by one technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a smart classroom, Lecture Hall and AV hall. Department has required equipments like video processing unit, teleprompter, Audio recorder, photography camera, computer and softwares.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are exposed to media management content creation and ICTs
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 13-18 and the total intake of students during last five years was 80. The student attrition was 0.33%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Agricultural Statistics
 Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

32

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	No Students admitted during the last five years and hence the programme was not assessed.
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on-Training 	
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	
	<ul style="list-style-type: none"> ICT application in curricula delivery 	

Assessment Report of the Programme: M.Sc. (Agri.) Agronomy
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 9. In position Six (2- Professor & 4-Associate Professors) There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 12 technical and supporting staff from research schemes for the conduct of practical in the labs and also in the field studies.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room , seminar hall and library. Department has laboratories with required equipments and farm facilities for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement. There is crop capateria maintained by the students.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 14-16 and the total intake of students during last five years was 78. The student attrition was 6-25%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digita' content.

Assessment Report of the Programme: M.Sc. (Agri.) Biochemistry
 Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

36

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 5. In position Two (1-Professor, 1- Associate Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by five technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has separate classroom / seminar hall. Department has 3 research laboratories with advanced equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 8-9 and the total intake of students during last five years was 44. The student attrition was 11-55%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Entomology
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

35

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Seven. In position Two (1- Professor and 1-Assistant Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 1 technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a classroom, seminar hall and Computer room. Department has laboratories with required equipments and research farm facility for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are exposed to wide range of technical skills on different pests of field and horticulture crops, their identification and management. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 11-17 and the total intake of students during last five years was 76. The student attrition was 0.21%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

36

Assessment Report of the Programme: M.Tech. Food Processing Technology
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Three . One Professor is in position and supported by 2 research faculty. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 3 technical, supporting.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has separate classrooms and a seminar hall and library. Department has food technology lab, Wheat Quality lab and bakery unit with advanced equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are exposed to all the aspects of food processing and technology.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 2-9 and the total intake of students during last five years was 17.(No admissions during 2022 & 2023 academic session) The student attrition is 0-16%
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digit content.

Assessment Report of the Programme: M.Sc. (Hort.) Fruit Science
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

37

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Three . In position Two (1-Professor & 1- Associate Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 12 technical, supporting and field staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has 5 classrooms and a seminar hall and library. Department has instructional cum research farm area (210 ha.) and three research laboratories with advanced equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are exposed to all the aspects of fruit science including production management, green house technology, processing and post harvest handling.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6-8 and the total intake of students during last five years was 32. The student attrition was 0-40%
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Genetics and Plant Breeding
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

38

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 8. In position Four (2- Professor, 1- Associate Professor & 1-Assistant Professor). Seven research staff from MPKV Rahuri are also associated with teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 8 technical and supporting staff including research schemes for the conduct of practical in the labs and also in the field studies.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room , seminar hall and library. Department has laboratories with required equipments and farm facilities for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are exposed to wide range of technical skills for breeding various field crops seed production technique. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 14-17 and the total intake of students during last five years was 80. The student attrition was 6-14%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department Faculty may be encouraged to create more digital content.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Two . In position Four (1-Professor & 1- Associate Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by Three technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has 3 classrooms and a seminar hall. Department has 2 research laboratories with advanced equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to all the aspects of micro-biology including bio-fertilizers.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 5-7 and the total intake of students during last five years was 32. The student attrition was Nil (Except in 2019-20 with 14 %)
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Seed Science and Technology
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is One. In position One (1- Associate Professor). Eight research staff from MPKV Rahuri are also associated with teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 8 technical and supporting staff including research schemes for the conduct of practical in the labs and also in the field studies.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has two a separate class rooms and a seminar hall and library. Department has laboratories with required equipments, Phytotron and PG instructional farm facility for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to wide range of technical skills on seed production techniques and purity of seeds. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 5-10 and the total intake of students during last five years was 38. The student attrition was 0.20%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Seed Science and Technology
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

46

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is One. In position One (1- Associate Professor). Eight research staff from MPKV Rahuri are also associated with teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 8 technical and supporting staff including research schemes for the conduct of practical in the labs and also in the field studies.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has two a separate class rooms and a seminar hall and library. Department has laboratories with required equipments, Phytotron and PG instructional farm facility for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to wide range of technical skills on seed production techniques and purity of seeds. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 5-10 and the total intake of students during last five years was 38. The student attrition was 0.20%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Plant Pathology
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

41

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 7. In position Four (1-Professor, 2- Associate Professor and 1-Assistant Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by Six technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has 3 classrooms and a seminar hall. Department has 5 research laboratories with advanced equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to all the aspects of plant pathology.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 14-17 and the total intake of students during last five years was 78. The student attrition was 0-12%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Plant Physiology
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

42

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 4. In position Two (1- Professor & 1- Associate Professor). Six research staff from MPKV Rahuri are also associated with teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 8 technical and supporting staff including research schemes for the conduct of practical in the labs and also in the field studies.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has two a separate class rooms and a seminar hall and library. Department has laboratories with required equipments, Phytotron and PG instructional farm facility for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to wide range of technical skills on plant physiological aspects, biotic and abiotic stresses. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 5-7 and the total intake of students during last five years was 30. The student attrition was 0-33%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Soil Science
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

43

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 9. In position Six (4- Associate Professor & 2- Assistant Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 3 technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has 2 classrooms, seminar hall soil bank and soil museum. Department has 4 laboratories with advanced equipments and research farm facility for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to wide range of technical skills on different aspects of soil science. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 13-17 and the total intake of students during last five years was 76. The student attrition was 0.20%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Hort.) Vegetable Science
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Three . In position Two (1-Professor & 1- Associate Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 16 technical, supporting and field staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has separate classrooms and a seminar hall and library. Department has instructional cum research farm area (210 ha.) and three research laboratories with advanced equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to all the aspects of vegetable science including production management, green house technology, processing and post harvest handling.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6-7 and the total intake of students during last five years was 31. The student attrition is Nil
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

45

Assessment Report of the Programme: M.Sc. (Agri.) Molecular Biology & Biotechnology
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Four. In position Four (1- Professor, 2-Associate Professor and 2-Assistant Professor). Research staff from MPKV Rahuri are also associated with teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 2 technical and supporting staff including research schemes for the conduct of practical in the labs and also in the field studies.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a digital classroom, seminar hall and Computer room. Department has laboratories with required equipments and research farm facility for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to wide range of technical skills on Molecular Biology & Biotechnology. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. However confidentiality needs to be maintained. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 7-9 and the total intake of students during last five years was 32. The student attrition was 0.28%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: Ph.D. Agricultural Economics
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

46

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 5. In position Three (1-Professor, 1- Associate Professor & 1-Assistant Professor). Additionally faculty from CC MPKV, Rahuri are also involved in PG teaching and research guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by large number of technical(21) and supporting staff(167).
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has two smart classrooms with Audio Visual Aids. Department has a computer lab with required softwares (EViews, R, STATA SPSS) for the analysis of data.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 9-15 and the total intake of students during last five years was 52. The student attrition was low (Except in 2020-21 with 22%)
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: Ph.D. Agricultural Extension Education
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 9. In position Nine (3-Professors, 2- Associate Professor & 4-Assistant Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by one technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a smart classroom, Lecture Hall and AV hall. Department has required equipments like video processing unit , teleprompter, Audio recorder, photography camera, computer and softwares.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to media management content creation and ICTs
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 13-18 and the total intake of students during last five years was 80. The student attrition was 0.33%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: Ph.D. Agricultural Statistics
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

48

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> No student admitted during last five years and hence
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> the program was not assessed
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none">
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on-Training 	<ul style="list-style-type: none">
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none">
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none">
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none">
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none">

Assessment Report of the Programme: Ph.D. Agronomy
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 9. In position Six (2- Professor & 4-Associate Professors) There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 12 technical and supporting staff from research schemes for the conduct of practical in the labs and also in the field studies.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room , seminar hall and library. Department has laboratories with required equipments and farm facilities for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 14-16 and the total intake of students during last five years was 78. The student attrition was 6-25%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: Ph.D. Entomology
 Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Seven. In position Two (1- Professor and 1-Assistant Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 1 technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a classroom, seminar hall and Computer room. Department has laboratories with required equipments and research farm facility for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to wide range of technical skills on different pests of field and horticulture crops, their identification and management. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 11-17 and the total intake of students during last five years was 76. The student attrition was 0.21%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

51

Assessment Report of the Programme: Ph.D. Food Processing Technology
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Three . One Professor is in position and supported by 2 research faculty. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 3 technical, supporting.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has separate classrooms and a seminar hall and library. Department has food technology lab, Wheat Quality lab and bakery unit with advanced equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to all the aspects of food processing and technology.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 2-9 and the total intake of students during last five years was 17.(No admissions during 2022 & 2023 academic session) The student attrition is 0-16%
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: Ph.D. Fruit Science
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Three . In position Two (1-Professor & 1- Associate Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 12 technical, supporting and field staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has 5 classrooms and a seminar hall and library. Department has instructional cum research farm area (210 ha.) and three research laboratories with advanced equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to all the aspects of fruit science including production management, green house technology, processing and post harvest handling.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6-8 and the total intake of students during last five years was 32. The student attrition was 0-40%
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

(Signature of the ...)

Assessment Report of the Programme: Ph.D. Genetics and Plant Breeding
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

53

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 8. In position Four (2- Professor, 1- Associate Professor & 1-Assistant Professor). Seven research staff from MPKV Rahuri are also associated with teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 8 technical and supporting staff including research schemes for the conduct of practical in the labs and also in the field studies.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room , seminar hall and library. Department has laboratories with required equipments and farm facilities for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to wide range of technical skills for breeding various field crops seed production technique. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 14-17 and the total intake of students during last five years was 80. The student attrition was 6-14%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: Ph.D. Microbiology
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

54

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Two . In position Four (1-Professor & 1- Associate Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by Three technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has 3 classrooms and a seminar hall. Department has 2 research laboratories with advanced equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to all the aspects of micro-biology including bio-fertilizers.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 5-7 and the total intake of students during last five years was 32. The student attrition was Nil (Except in 2019-20 with 14 %)
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: Ph.D. Plant Pathology
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

57

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 7. In position Four (1-Professor, 2- Associate Professor and 1-Assistant Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by Six technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has 3 classrooms and a seminar hall. Department has 5 research laboratories with advanced equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to all the aspects of plant pathology.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 14-17 and the total intake of students during last five years was 78. The student attrition was 0-12%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: Ph.D. Plant Physiology
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

56

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 4. In position Two (1- Professor & 1- Associate Professor). Six research staff from MPKV Rahuri are also associated with teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 8 technical and supporting staff including research schemes for the conduct of practical in the labs and also in the field studies.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has two a separate class rooms and a seminar hall and library. Department has laboratories with required equipments, Phytotron and PG instructional farm facility for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to wide range of technical skills on plant physiological aspects, biotic and abiotic stresses. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 5-7 and the total intake of students during last five years was 30. The student attrition was 0-33%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: Ph.D. Seed Science and Technology
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

58

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is One. In position One (1- Associate Professor). Eight research staff from MPKV Rahuri are also associated with teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 8 technical and supporting staff including research schemes for the conduct of practical in the labs and also in the field studies.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has two a separate class rooms and a seminar hall and library. Department has laboratories with required equipments, Phytotron and PG instructional farm facility for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to wide range of technical skills on seed production techniques and purity of seeds. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 5-10 and the total intake of students during last five years was 38. The student attrition was 0.20%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: Ph.D. Soil Science
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

58

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 9. In position Six (4- Associate Professor & 2- Assistant Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 3 technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has 2 classrooms, seminar hall soil bank and soil museum. Department has 4 laboratories with advanced equipments and research farm facility for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to wide range of technical skills on different aspects of soil science. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 13-17 and the total intake of students during last five years was 76. The student attrition was 0.20%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content

Assessment Report of the Programme: Ph.D. Vegetable Science
Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

59

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Three . In position Two (1-Professor & 1- Associate Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 16 technical, supporting and field staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has separate classrooms and a seminar hall and library. Department has instructional cum research farm area (210 ha.) and three research laboratories with advanced equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to all the aspects of vegetable science including production management, green house technology, processing and post harvest handling.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6-7 and the total intake of students during last five years was 31. The student attrition is Nil
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digit content.

Assessment Report of the Programme: Ph.D. Biochemistry
 Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri

60

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 5. In position Two (1-Professor, 1- Associate Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by five technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has separate classroom / seminar hall. Department has 3 research laboratories with advanced equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 8-9 and the total intake of students during last five years was 44. The student attrition was 11-55%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report for the College: Rajarshree Chhatrapati Shahu Maharaj College of Agriculture, Kolhapur

Criteria	Key aspects	Assessment of the Peer Review Team (maximum three points)
1. College Administration	i. Dean's office establishment	<ul style="list-style-type: none"> College has separate Associate Dean Office establishment. There are 23 staff in Associate Dean's Secretariat to coordinate student activities.
	ii. Monitoring mechanism (on-line)	<ul style="list-style-type: none"> Associate Dean of the college have monitoring mechanism to ensure quality education in the College. HOD's and faculty also help in monitoring various academic activities of students.
	iii. CC/Board of studies/Academic Council	<ul style="list-style-type: none"> Department –wise Board of Studies is in place and they are conducting annual meetings. The major recommendations of Board of Studies are listed in SSR.
	iv. Anti-ragging Cell	<ul style="list-style-type: none"> College has constituted Anti-ragging committee and Anti-ragging Squad every year as per UGC regulations. CCTV cameras has been installed at vital points of the campus as per UGC regulations.
	v. Biological Waste Disposal Facility	<ul style="list-style-type: none"> Biological Waste Disposal Facility is in place. Biological waste like agricultural waste, spent-mushroom compost, tree litter and other organic waste is converted into compost, vermicompost.
	vi. Institutional Ethics Committee for Experiment on animals	<ul style="list-style-type: none"> Not applicable however committee is in place.
	vii. Committee for prevention of sexual harassment of women on work places	<ul style="list-style-type: none"> The Committee is in place. No cases reported
2. Faculty	i. Faculty strength	<ul style="list-style-type: none"> Total sanctioned faculty 92. Total 35 faculty in the college (Professor 2, Associate Professor 11 and 22 Assistant Professors). Five contractual faculty are also available for the programme. The vacant posts should be filled up on priority.
	ii. Faculty profile (department wise)	<ul style="list-style-type: none"> Department wise and cadre-wise faculty as per the sanctioned positions should be in place.
	iii. Credentials of the Faculty	<ul style="list-style-type: none"> The credential of the faculty is good as many faculties have research paper having NAAS rating more than six. Many faculty members are highly qualified and having Ph.D. degree, guiding students and handling externally funded projects. Faculty members also participated in various National/International conference / seminar/ workshops.
	iv. Technical staff and other supporting staff	<ul style="list-style-type: none"> 85 out 189 sanction posts filled. There is need to appoint technical/laboratory staff across the Departments.
3. Learning	i. College library (digital)	<ul style="list-style-type: none"> The College library houses over 35,000 books and periodicals. Bopk bank facility exist. WiFi

		<p>and internet and reading room facility available.</p> <ul style="list-style-type: none"> The library uses KOHA Library Management Software to maintain its collection database. Books are searchable electronically through OPAC. Working hours 9am to 6 pm.
	ii. Laboratories, Instructional Farm / Workshop / Dairy Plant / Veterinary Clinic / Hatchery and ponds etc.	<ul style="list-style-type: none"> College has well equipped laboratories, workshop facilities, language lab, dairy plant, farm pond, green house, playhouse, Animal Husbandry and dairy science, and shade net, farm machinery museum and implementation shed for meeting the academic and research requirements for programs. College has farm area and instructional farm with micro irrigation system, poly houses for protected cultivation and poly lined water harvesting structures.
	iii. Student Ready / In-plant training / Internship / Skill Development Modules/Experiential Learning modules etc.	<ul style="list-style-type: none"> The student READY/ In-plant training program has been implemented in the college as per the ICAR guidelines. Sixteen ELP modules were implemented in College of Agriculture, Pune. The income earned from each of the ELP is shared among the students.
	iv. Curricula delivery through IT (like smart classrooms / interactive boards etc.)	<ul style="list-style-type: none"> IC application in curricula delivery is adequate. There are Smart classrooms with interactive board and WiFi connectivity. The faculty are encouraged to develop digital resources.
4. Student Development	i. Student intake and attrition for last five years	<ul style="list-style-type: none"> Students intake was 200 per year Total 1041 students admitted during last five years. Students attrition in UG ranged from 0 – 3.5 % and in PG – 5.68%.
	ii. Average number of students in theory and practical classes	<ul style="list-style-type: none"> The number of UG students per batch of theory classes is 80 whereas in practical classes six batches of 30 each are there in the class. In PG one batch each.
	iii. Admission process	<ul style="list-style-type: none"> The admission procedure for UG and PG is carried out online by the Maharashtra Council for Agricultural Education and Research (MCAER), Pune. The seat allocation to colleges is made by MCAER and accordingly students take admission in the allotted colleges. The 70 % quota is reserved for candidates from University jurisdiction and 30% for all Maharashtra candidates. The 15% quota is reserved for ICAR candidates in each constituent college.
	iv. Conduct of Practical & hands – on – training	<ul style="list-style-type: none"> UG practicals and Hands-on- Training are conducted as per guidelines, in six batches of 25-30 students. Laboratory manuals need to be updated in some courses.
	v. Examination and Evaluation process	<ul style="list-style-type: none"> Being conducted as per ICAR guidelines and University. The different Examinations of UG & PG are

		conducted as per the calendar issued by MCAER.
	vi. NSS/NCC/RVC Units	<ul style="list-style-type: none"> College has both NCC and NSS units. Large number of activities carried out are listed in the SSR.
	vii. Language laboratory	<ul style="list-style-type: none"> The language lab has 30 desktop computers with English language software and DVD's.
	viii. Cultural center	<ul style="list-style-type: none"> This college has cultural center with required music instruments. Students participated in several activities and won several award /certificates and the details are listed in SSR.
	ix. Personality development	<ul style="list-style-type: none"> College has a student counseling & placement cell. Many Expert Lectures/ personality Development programmes have been organized.
5. Physical Facilities	i. Hostel (both boys and girls) and its amenities	<ul style="list-style-type: none"> College has separate boys & girls hostel facility with required amenities in the campus (total 5 hostels) to meet the requirement of students. One more girls hostel is under construction.
	ii. Examination Halls	<ul style="list-style-type: none"> College has examination hall with the seating capacity of 180 students with CCTV monitoring facility. Separate examination hall is also available for PG students with seating capacity of 62-120 students.
	iii. Sports and recreation facilities	<ul style="list-style-type: none"> The college has a playground and gymnasium. The ground has been developed for outdoor games, viz., cricket, kho-kho, kabaddi, volleyball, basketball, football etc. In addition, indoor games like table tennis and badminton are also played in the gymnasium & badminton hall.
	iv. Auditorium	<ul style="list-style-type: none"> Auditorium is under construction.
	v. Exhibition Hall/Museum	<ul style="list-style-type: none"> Central Museum in the college exist. Additionally all the departments also have their exhibition hall.
6. Research Facilities	i. PG laboratories and equipment	<ul style="list-style-type: none"> The PG labs and workshops of the college are equipped with equipments for conducting research and practical classes.
	ii. Research contingency	<ul style="list-style-type: none"> Adequate.
7. Outcome/ Output	i. Student performance in National Examinations (such as JRF/SRF/ARS)	<ul style="list-style-type: none"> During the last five years the students selected for JRF-52, NET-12 and CAT-MBA-31.
	ii. Students' placement profile	<ul style="list-style-type: none"> The number of students placed during last five years was 590. 213 students cleared UPSC/MPSC exams.
	iii. Awards/ Recognition / Certificates	<ul style="list-style-type: none"> The faculty and students have received several awards/recognitions and the listed in SSR.
	iv. Employability	<ul style="list-style-type: none"> The placement Cell organize a variety of training sessions for personality development, interview skills and mock interviews. Experiential Learning program provide excellent opportunities to students to develop entrepreneurship skills through hands on training.

64

Assessment Report of the Programme: B.Sc. (Hons.) Agriculture
Rajarshree Chhatrapati Shahu Maharaj College of Agriculture, Kolhapur

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty 92. Total 35 faculty in the college (Professor 2, Associate Professor 11 and 22 Assistant Professors). Five contractual faculty are also available for the programme. The vacant posts should be filled up on priority.
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> 85 out 189 sanction posts filled. There is need to appoint technical/laboratory staff across the Departments.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total 9 class rooms are available for UG & PG programmes.. All the departments have well equipped laboratories for conducting practical classes as per the requirements of the course curriculum. Some equipments needs replacement. <p>The College has a total of 131.3 ha of land and an Instructional Farm with 64.79 ha.</p> <p>Essential instruction units available.</p> <ul style="list-style-type: none"> Farm house/threshing floor/processing centre- 1.05 ha Crop cafeteria- 0.9 ha Field classroom (2)- 4 ha ELP units- vermicomposting, Nursery Polyhouse/Green house/any other for skill development or Entrepreneurial mode – 0.29 ha Agronomy (Local Crops), Genetics and Plant Breeding, Soil Science, Physiology, Other department – 2.4 ha Horticulture (orchard) – 19.21 ha Organic/Natural farming – 4.8 ha Plant Protection practical - 0.40 ha UG practical demonstration – 2.0 ha <ul style="list-style-type: none"> ELP units to be established under skill development or Entrepreneurial mode- 1.2 ha
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> UG practicals and Hands-on- Training are conducted as per guidelines, in six batches of 25-30 students. Laboratory manuals need to be updated in some courses.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> Student mentoring is adequate.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> Feedback mechanism from the students in place. Online feedback process initiated. However, the feedback collected should be analyzed properly and action taken recorded.

65

	<ul style="list-style-type: none"> • Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> • Students intake was 200 per year • Total 1041 students admitted during last five years. • Students attrition ranged from 0 – 18%.
	<ul style="list-style-type: none"> • ICT application in curricula delivery 	<ul style="list-style-type: none"> • IC application in curricula delivery is adequate. • There are Smart classrooms with interactive board and WiFi connectivity. • The faculty are encouraged to develop digital resources.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 6. In position Three (1-Professor, 0- Associate Professor & 4-Assistant Professor). Additionally one faculty from research station is also involved in PG teaching and research guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by two technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a smart classroom with Audio Visual Aids. Department has a computer lab with required softwares (EViews, R, STATA SPSS) for the analysis of data.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 28. The student attrition ranged from 0-15%)
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Agricultural Extension Education
Rajarshree Chhatrapati Shahu Maharaj College of Agriculture, Kolhapur

67

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Six. In position Three (0-Professors, 2- Associate Professor & 1-Assistant Professor). Two staff from research station are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by four technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a smart classroom, Lecture Hall and AV hall. Department has required equipments like video processing unit, teleprompter, Audio recorder, photography camera, computer and softwares.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to media management content creation and ICTs
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 5 and the total intake of students during last five years was 25. The student attrition ranged from 5-16%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Faculty may be encouraged to create more digital content.

(Signature of the Peer Review Team)

Criteria	Key aspects	Assessment of the Peer Review Team
I. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Six . In position Three Assistant Professor. Three faculty from research station are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by two technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a classroom and a seminar hall. Department has research laboratories with advanced equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to all the aspects of micro-biology including bio-fertilizers.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 26. The student attrition ranged from 5-16 %)
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Faculty may be encouraged to create more digital content.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Seven. In position Four (1- Professor, 1-Associate Professor and 2-Assistant Professor). One faculty from research station is also associated with teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by Two technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a classroom, seminar hall and Computer room. Department has laboratories with required equipments and research farm facility for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are exposed to wide range of technical skills on different pests of field and horticulture crops, their identification and management. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 5 and the total intake of students during last five years was 27. The student attrition ranged from 5-20%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Soil Science
Rajarshree Chhatrapati Shahu Maharaj College of Agriculture, Kolhapur

20

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Nine. In position Six (0-Professor, 2- Associate Professor & 4-Assistant Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by two technical and supporting staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has 2 classrooms, seminar hall soil bank and soil museum. Department has 4 laboratories with advanced equipments and research farm facility for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to wide range of technical skills on different aspects of soil science. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 27. The student attrition ranged from 0-20%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Faculty may be encouraged to create more digital content.

71

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is Seven. In position Five (1-Professor & 1- Associate Professor & 3-Assistant Professor). Three faculty from other research station are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 5 technical, supporting and field staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has separate classrooms and a seminar hall and library. Department has instructional cum research farm area and research laboratories with required equipments.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are expose to all the aspects of vegetable science including production management, green house technology, processing and post harvest handling.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 30. The student attrition is low.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Faculty may be encouraged to create more digital content.

72

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 13. In position Six (0- Professor & 3-Associate Professors and 3-Assistant Professor). Two faculty from research station are also involved in teaching. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by 6 technical and supporting staff and field staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room, seminar hall and library. Department has laboratories with required equipments and farm facilities for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 29. The student attrition was Nil.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Genetics and Plant Breeding
Rajarshree Chhatrapati Shahu Maharaj College of Agriculture, Kolhapur

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 8. In position Five (1- Professor, 1- Associate Professor & 3- Assistant Professor). Two faculty from research stations are also associated with teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The programme is supported by One technical staff.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room , seminar hall and library. Department has laboratories with required equipments and farm facilities for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are exposed to wide range of technical skills for breeding various field crops seed production technique. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6 and the total intake of students during last five years was 28. The student attrition ranged from 6-14%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Faculty may be encouraged to create more digital content.

Criteria	Key aspects	Assessment of the Peer Review Team (maximum three points)
1. College Administration	i. Dean's office establishment	<ul style="list-style-type: none"> College has separate Associate Dean Office establishment. There are 10 out of 14 staff in Dean's Secretariat to coordinate student activities.
	ii. Monitoring mechanism (on-line)	<ul style="list-style-type: none"> Associate Dean of the college have monitoring mechanism to ensure quality education, research and extension activities in the College. HOD's and the different committee also help in monitoring various academic activities of students.
	iii. CC/Board of studies/Academic Council	<ul style="list-style-type: none"> Department -wise Board of Studies is in place and they are conducting annual meetings. The major recommendations of Board of Studies are listed in SSR.
	iv. Anti-ragging Cell	<ul style="list-style-type: none"> College has constituted Anti-ragging committee and Anti-ragging Squad every year as per UGC regulations. CCTV cameras has been installed at vital points of the campus as per UGC regulations.
	v. Biological Waste Disposal Facility	<ul style="list-style-type: none"> The committee in place. Biological waste like agricultural waste, spent-mushroom compost, tree litter and other organic waste is converted into compost, vermicompost.
	vi. Institutional Ethics Committee for Experiment on animals	<ul style="list-style-type: none"> Institutional Ethics Committee for experiments on Animals is in place.
	vii. Committee for prevention of sexual harassment of women on work places	<ul style="list-style-type: none"> The Committee is in place. No cases reported
2. Faculty	i. Faculty strength	<ul style="list-style-type: none"> Total 28 faculty in the college (Professor 2, Associate Professor 11 and 17 Assistant Professors) against the sanctioned strength of 64. The vacant post should be filled on priority.
	ii. Faculty profile (department wise)	<ul style="list-style-type: none"> Department wise and cadre-wise faculty as per the sanctioned positions should be in place.
	iii. Credentials of the Faculty	<ul style="list-style-type: none"> The credential of the faculty is good as many of them have research paper published in NAAS rated journals. Many faculty members are having Ph.D. degree, guiding students and handling projects. Faculty members also participated in various National/International conference / seminar/ workshops.
	iv. Technical staff and other supporting staff	<ul style="list-style-type: none"> There are 32 technical, 23 supporting and 62 field staff in the college. There is need to appoint technical/laboratory staff across the Departments.
3. Learning Resources	i. College library (digital)	<ul style="list-style-type: none"> The College library houses over 40, 000 books and periodicals. Book bank facility exist. WiFi

		<p>and internet and reading room facility available.</p> <ul style="list-style-type: none"> The library uses KOHA Library Management Software to maintain its collection database. Books are searchable electronically through OPAC. Working hours 9am to 10 pm.
	<p>ii. Laboratories, Instructional Farm / Workshop / Dairy Plant / Veterinary Clinic / Hatchery and ponds etc.</p>	<ul style="list-style-type: none"> College has well equipped laboratories, workshop facilities, language lab, dairy plant, farm pond, green house, poly house, Animal Husbandry and dairy science, and shade net, farm machinery museum and implementation shed for meeting the academic and research requirements for programs. College has farm area and instructional farm with micro irrigation system, poly houses for protected cultivation and poly lined water harvesting structures.
	<p>iii. Student Ready / In-plant training / Internship / Skill Development Modules/Experiential Learning modules etc.</p>	<ul style="list-style-type: none"> The student READY/ In-plant training program has been implemented in the college as per the ICAR guidelines. Seven ELP modules were implemented in College of Agriculture, Dhule. One of the ELP is funded by ICAR. The income earned from each of the ELP is shared among the students.
	<p>iv. Curricula delivery through IT (like smart classrooms / interactive boards etc.)</p>	<ul style="list-style-type: none"> The college is using smart classrooms, interactive board and teaching aids for teaching and practicals. Curricula delivery through ICT tools is evident.
4. Student Development	<p>i. Student intake and attrition for last five years</p>	<ul style="list-style-type: none"> Students intake was 133-141 per year. Total 690 students admitted during last five years. Students attrition is low (0 – 6%). The faculty and lab facilities commensurate with the current students intake.
	<p>ii. Average number of students in theory and practical classes</p>	<ul style="list-style-type: none"> The number of UG students in one batch of theory classes is 70 whereas in practical classes five batches of 30 each are there in the class.
	<p>iii. Admission process</p>	<ul style="list-style-type: none"> The admission procedure for UG and PG is carried out online by the Maharashtra Council for Agricultural Education and Research (MCAER), Pune. The seat allocation to colleges is made by MCAER and accordingly students take admission in the allotted colleges. The 70 % quota is reserved for candidates from University jurisdiction and 30% for all Maharashtra candidates. The 15% quota is reserved for ICAR candidates in each constituent college.
	<p>iv. Conduct of Practical & hands – on – training</p>	<ul style="list-style-type: none"> UG practicals and Hands-on- Training are conducted as per guidelines, in five batches of 25-30 students. Laboratory manuals need to be updated in some courses.

	v. Examination and Evaluation process	<ul style="list-style-type: none"> Being conducted as per ICAR guidelines and University. The different Examinations of UG are conducted as per the calendar issued by MCAER.
	vi. NSS/NCC/RVC Units	<ul style="list-style-type: none"> College has NSS unit. Large number of activities carried out are listed in the SSR.
	vii. Language laboratory	<ul style="list-style-type: none"> The language lab has been established with 30 desktop computers. The students are imparted the language skills through various DVD's available in the college.
	viii. Cultural center	<ul style="list-style-type: none"> This college has cultural hall with required musical instruments. Students participated in several activities and won several award/certificates.
	ix. Personality development	<ul style="list-style-type: none"> Many Expert Lectures/ personality Development programmes have been organized.
5. Physical Facilities	i. Hostel (both boys and girls) and its amenities	<ul style="list-style-type: none"> College has separate boys and girls hostels. (total 3 hostels). However renovation and refurbishing needed.
	ii. Examination Halls	<ul style="list-style-type: none"> College has examination hall with the seating capacity of 200 students with CCTV monitoring facility. Separate examination hall is available for UG and PG students with seating capacity of 45-80 students.
	iii. Sports and recreation facilities	<ul style="list-style-type: none"> The college has a playground and gymnasium. The ground has been developed for outdoor games, viz., cricket, kho-kho, kabaddi, volleyball, basketball, football etc. In addition, indoor games like table tennis and badminton are also available.
	iv. Auditorium	<ul style="list-style-type: none"> College has an Auditorium for a seating capacity of 200.
	v. Exhibition Hall/Museum	<ul style="list-style-type: none"> Different departments have exhibition hall cum museum.
6. Research Facilities	i. PG laboratories and equipment	<ul style="list-style-type: none"> The PG labs and workshops of the college are equipped with advance equipments for conducting research and practical classes.
	ii. Research contingency	<ul style="list-style-type: none"> Adequate.
7. Outcome/ Output	i. Student performance in National Examinations (such as RF/SRF/ARS)	<ul style="list-style-type: none"> During the last five years the students selected for JRF-1, NET-14, and other Fellowships-78.
	ii. Students' placement profile	<ul style="list-style-type: none"> The number of students placed in various Govt. and private organizations during last five years was 142 including 24 in MPSC exam.
	iii. Awards/ Recognition / Certificates	<ul style="list-style-type: none"> The faculty and students have received several awards/recognitions and the listed in SSR.
	iv. Employability	<ul style="list-style-type: none"> The placement Cell organize a variety of training sessions for personality development, interview skills and mock interviews. Experiential Learning program provide excellent opportunities to students to develop



77

		entrepreneurship skills through hands on training.
--	--	--

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total 28 faculty in the college (Professor 2, Associate Professor 11 and 17 Assistant Professors) against the sanctioned strength of 64. The vacant post should be filled on priority.
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> 128 out 191 sanction posts filled. There is need to appoint technical/laboratory staff across the Departments.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> Six class rooms for UG programme and individual department for PG programme are available. All the departments have laboratories and the equipments for conducting practical classes as per the requirements of the course curriculum. The College has a total of 242.73 ha of land and an Instructional Farm with 146.9 ha Essential instruction units available. <ul style="list-style-type: none"> Farm house/threshing floor/processing centre- 2.0 ha Crop cafeteria- 0.8 ha Field classroom (12)- 0.15 ha ELP units- vermicomposting, Nursery Polyhouse/Green house/any other for skill development or Entrepreneurial mode – 2.0 ha Agronomy (Local Crops), Genetics and Plant Breeding, Soil Science, Physiology, Other department – 113.1 ha Horticulture (orchard) - 33 ha Organic/Natural farming – 2.0 ha Plant Protection practical - 0.8 ha UG practical demonstration – 6.0 ha ELP units to be established under skill development or Entrepreneurial mode- 1. ha
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> UG practicals and Hands-on- Training are conducted as per guidelines, in six batches of 25-30 students. Laboratory manuals need to be updated in some courses.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> Student mentoring is adequate.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> Feedback mechanism from the students in place. Online feedback process initiated. The feedback should be kept confidential. However, the feedback collected should be analyzed properly and action taken recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the 	<ul style="list-style-type: none"> Students intake was 133-141 per year. Total 690 students admitted during last five years.

25

	programme for last five years	<ul style="list-style-type: none"> • Students attrition is low (0 – 6%). • The faculty and lab facilities commensurate with the current students intake.
	<ul style="list-style-type: none"> • ICT application in curricula delivery 	<ul style="list-style-type: none"> • IC application in curricula delivery is adequate.

Assessment Report of the Programme: M.Sc. (Agri.) Agronomy
College of Agriculture, Dhule

20

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 11. In position Five regular faculty (0-Professor, 4 – Associate Professors, 1- Assistant Professor). Faculty from other research scheme are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> Agronomy department have separate theory class room and practical laboratory for PG programme. Department has instructional farm and laboratory with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback should be kept confidential. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 4 and the total intake of students during last five years was 20. The student attrition was Nil (Except in 2022, 33%)
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Entomology
College of Agriculture, Dhule

81

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 4. In position Two regular faculty (1 – Associate Professors, 1- Assistant Professor) and faculty from other research scheme are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room, research farm and laboratory with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback should be kept confidential. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 4 and the total intake of students during last five years was 17. The student attrition was Nil.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Hort.) Fruit Science
College of Agriculture, Dhule

82

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 4 . In position Two (0-Professor & 1- Associate Professor and 1-Assistant Professor). There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room, research farm and laboratory with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are exposed to all the aspects of fruit science including production management, green house technology, processing and post harvest handling.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback should be kept confidential. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 6-8 and the total intake of students during last five years was 32. The student attrition was nil.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Faculty may be encouraged to create more digital content.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 5. In position three regular faculty (1 – Associate Professors, 2- Assistant Professor). Faculty from other research scheme are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room and laboratory with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback should be kept confidential. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 4 and the total intake of students during last five years was 20. The student attrition was nil. (Except in 2021, 25%).
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Plant Pathology
College of Agriculture, Dhule

84

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 4. In position three regular faculty (1 –Professors & 2- Assistant Professor) and faculty from other research scheme are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room, research farm and laboratory with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback should be kept confidential. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 4 and the total intake of students during last five years was 19. The student attrition was 0-25%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Faculty may be encouraged to create more digital content.

Assessment Report of the Programme: M.Sc. (Agri.) Soil Science
College of Agriculture, Dhule

85

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 6. In position three Assistant Professor. Faculty from other research scheme are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> There is no separate technical and supporting staff for the PG programme. However UG technical and supporting staff is used for PG programme.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room, research farm and laboratory with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also taken to farmers fields, trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback should be kept confidential. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annual sanctioned intake is 4 and the total intake of students during last five years was 21. The student attrition was 0-25%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Faculty may be encouraged to create more digital content.

Criteria	Key aspects	Assessment of the Peer Review Team (maximum three points)
1. College Administration	i. Dean's office establishment	<ul style="list-style-type: none"> College has separate Associate Dean Office establishment with 16 staff to coordinate student activities.
	ii. Monitoring mechanism (on-line)	<ul style="list-style-type: none"> Associate Dean of the college have monitoring mechanism to ensure quality education in the College. HoDs and faculty are also help in monitoring various academic activities of students.
	iii. CC/Board of studies/Academic Council	<ul style="list-style-type: none"> Department -wise Board of Studies are in place and are conducting annual meetings. The major recommendations of Board of Studies are listed in SSR.
	iv. Anti-ragging Cell	<ul style="list-style-type: none"> College has constituted Anti-ragging committee and Anti-ragging Squad every year as per UGC regulations. CCTV cameras have been installed at vital points of the campus as per UGC regulations.
	v. Biological Waste Disposal Facility	<ul style="list-style-type: none"> The college has biomass pulverizer to convert trash into dust or powder and use it for the college garden. Papers and other dust are also recycled and converted to compost.
	vi. Institutional Ethics Committee for Experiment on animals	<ul style="list-style-type: none"> Not applicable
	vii. Committee for prevention of sexual harassment of women on work places	<ul style="list-style-type: none"> The Committee is in place. No case is there during the period under report.
2. Faculty	i. Faculty strength	<ul style="list-style-type: none"> College has reported total 31 number of faculty. Fourteen (14) out 26 sanctioned positions are filled (2 Professor, 6 Associate Professors and 6 Assistant Professors) and remaining 17 are pooled from other units/research units/contractual staff. Vacant posts should be filled up on priority.
	ii. Faculty profile (department wise)	<ul style="list-style-type: none"> Department wise and cadre-wise faculty as per the sanctioned positions should be in place.
	iii. Credentials of the Faculty	<ul style="list-style-type: none"> The credential of the faculty is good as many faculties have research paper having NAAS rating more than five. Many faculty members are highly qualified and having Ph.D. degree. Faculty members also participated in various National/International conference / seminar/ workshops.
	iv. Technical staff and other supporting staff	<ul style="list-style-type: none"> College has 37 Technical and supporting staff (sanctioned strength 49) and 12 administrative staff. Technical and supporting staff are distributed equitably among six departments.

3. Learning Resources	i. College library (digital)	<ul style="list-style-type: none"> College has library cum book bank (4000 books) with reading room facilities. Students also avail the facilities of University Library in the campus.
	ii. Laboratories, Instructional Farm / Workshop / Dairy Plant / Veterinary Clinic / Hatchery and ponds etc.	<ul style="list-style-type: none"> College has well equipped laboratories (24), workshop facilities, language lab, dairy plant, farm pond, green house, polyhouse and shade net, farm machinery museum and implement shed for meeting the academic and research requirements for different programmes. College has farm area and instructional farm with micro irrigation system, poly houses for protected cultivation and poly lined water harvesting structures.
	iii. Student Ready / In-plant training / Internship / Skill Development Modules/Experiential Learning modules etc.	<ul style="list-style-type: none"> The student READY/ In-plant training program has been implemented in the college. The students undergo for two skill development program and one In-plant training.
	iv. Curricula delivery through IT (like smart classrooms / interactive boards etc.)	<ul style="list-style-type: none"> Curricula delivery through ICT tools is evident. Three fully functional smart class room and interactive white board was setup to take online classes for students.
4. Student Development	i. Student intake and attrition for last five years	<ul style="list-style-type: none"> Annual intake in UG is 63-71, total 336 students admitted during the last five years. The attrition was nil/ negligible. M.Tech. 14-18 students and PhD 5-8 students admitted with low attrition rate.
	ii. Average number of students in theory and practical classes	<ul style="list-style-type: none"> The number of UG students in one batch of theory classes is 65 whereas in practical classes two batches of 30-35 each are there in the class. In PG and PhD, one batch each.
	iii. Admission process	<ul style="list-style-type: none"> MH-CET has been made compulsory for admission to B. Tech. (Agril. Engg.). The admission procedure for UG, PG and Ph. D. is carried out online by the Maharashtra Council for Agricultural Education and Research (MCAER), Pune. The seat allocation to colleges is made by MCAER and accordingly students take admission in the allotted colleges. The 70 % quota is reserved for candidates from University jurisdiction and 30% for all Maharashtra candidates. The 15% quota is reserved for ICAR candidates.
	iv. Conduct of Practical & hands - on - training	<ul style="list-style-type: none"> Practical and Hands-on- Training is adequately practiced. Hands on training are also conducted through experiential learning program, AICRPs, farm machinery testing centre, Government, private institutes and NGOs and RKVY projects.
	v. Examination and Evaluation process	<ul style="list-style-type: none"> Being conducted as per ICAR guidelines and University. The different Examinations of UG are conducted as per the calendar issued by MCAER.

	vi. NSS/NCC/RVC Units	<ul style="list-style-type: none"> College has both NCC and NSS units. Large number of activities carried out are listed in the SSR.
	vii. Language laboratory	<ul style="list-style-type: none"> The language lab has 30 desktop computers with Orell's iTellsoftware for the students.
	viii. Cultural center	<ul style="list-style-type: none"> This college has its own cultural center as well as the university cultural and sports center in the university campus.
	ix. Personality development	<ul style="list-style-type: none"> College has a student counseling and placement cell and initiated coaching classes for GATE and other competitive examinations. Many Expert Lectures/ personality Development programmes have been organized.
5. Physical Facilities	i. Hostel (both boys and girls) and its amenities	<ul style="list-style-type: none"> College has separate boys and girls hostel facility with required amenities in the campus (total 7 hostels) to meet the requirement of students.
	ii. Examination Halls	<ul style="list-style-type: none"> College has examination hall with the seating capacity of 300 students with CCTV monitoring facility. Separate examination hall is available for PG/Ph.D. students with seating capacity of 80 students.
	iii. Sports and recreation facilities	<ul style="list-style-type: none"> The college is situated in central campus, MPKV, Rahuri. The sports and recreation facilities of university are used by college students.
	iv. Auditorium	<ul style="list-style-type: none"> College has an Auditorium for a seating capacity of 300.
	v. Exhibition Hall/Museum	<ul style="list-style-type: none"> College has three exhibition hall/museum.
6. Research Facilities	i. PG laboratories and equipment	<ul style="list-style-type: none"> The PG labs and workshops of the college are well equipped with advance equipments for conducting research and practical classes.
	ii. Research contingency	<ul style="list-style-type: none"> Adequate.
7. Outcome/ Output	i. Student performance in National Examinations (such as JRF/SRF/ARS)	<ul style="list-style-type: none"> During the last five years the students selected for JRF, NET, ARS, GATE, MBA and other Fellowships were 7, 6, 1, 23, 13 and 15 respectively.
	ii. Students' placement profile	<ul style="list-style-type: none"> The number of students placed in various Govt. and private organizations during last five years was 125. 93 students cleared UPSC/MPSC/Banking exams.
	iii. Awards/ Recognition / Certificates	<ul style="list-style-type: none"> The faculty and students have received several awards/recognitions and the listed in SSR.
	iv. Employability	<ul style="list-style-type: none"> The placement cell organizes a variety of training sessions for personality development, interview skills and mock interviews. Experiential Learning program provide excellent opportunities to students to develop entrepreneurship skills through hands on training.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> College has reported total 31 number of faculty. Fourteen (14) out of 26 sanctioned positions are filled (2 Professor, 6 Associate Professors and 6 Assistant Professors) and remaining 17 are pooled from other units/research units/contractual staff. Vacant posts should be filled up on priority.
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> College has 37 Technical and supporting staff (sanctioned strength 49) and 12 administrative staff. Technical and supporting staff are distributed equitably among six departments.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> This college has six classrooms in which three are Digital Classrooms that uses computers and tablets, the internet and educational software to enhance student's learning College has 24 functional laboratories in various discipline of Agricultural Engineering to conduct practical classes. <p>Area of land available in Instructional Farm – 23.75 ha.</p> <p>Instructional units/facilities available.</p> <ul style="list-style-type: none"> Implement shed, Farm Service Centre, farm implements-800 m² Green houses – 3600 m² with automation Drying yard/Processing yard Irrigation: pop up Sprinkler and Drip system- demonstration Demonstration of different soil types Workshops: 3 rooms (700 m²) Seed drill/fertilizer drill (10 nos) Farm machinery lab (500 m²) Renewable energy setup- solar system/ bio-gas etc.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is adequately practiced. Hands on training are also conducted through experiential learning program, AICRPs, farm machinery testing centre, Government, private institutes and NGOs and RKVY projects.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> Not applicable
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback has been taken from different stakeholders like students, farmers and parents. However, the analysis of the feedback and the action taken report needs to be in place.

	<ul style="list-style-type: none">• Student intake and attrition in the programme for last five years	<ul style="list-style-type: none">• Annual intake is 63 to 71.• The attrition was nil.
	<ul style="list-style-type: none">• ICT application in curricula delivery	<ul style="list-style-type: none">• ICT application in curricula delivery exist.• Three smart class rooms with interactive board along with Library Information system are also available for students.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 6 for PG programme. In position Three regular faculty (2 – Associate Professors, 1- Assistant Professor) and four from other research scheme are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The department has Eight technical and supporting staff and they are helping the students in the conduct of practical's and hands on training.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has separate class rooms (two) equipped with LCD projector, Internet and CCTV Department has 7 laboratories / workshops with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> The total intake of students during last five years was 9. The student attrition ranged from 0-25%.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 5 for PG programme. In position Three regular faculty (1 - Associate Professors and 2-Assistant Professor) and three from other research scheme are also involved in teaching and guidance. There is need to increase faculty strength.
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The department has five technical and supporting staff and they are helping the students the conduct of practical's and hands on training.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has separate class rooms (Three) equipped with LCD projector and Internet. Department has 4 laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> The Annual intake was 4-5 students. Total 21 students admitted during the period. The student attrition is Nil / low.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 3 for PG programme. In position Three regular faculty (1-Professor, 1 - Associate Professor and 1-Assistant Professor) and two from other research scheme are also involved in teaching and guidance. There is need to increase faculty strength.
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The department has ten technical and supporting staff and they are helping the students the conduct of practical's and hands on training.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room equipped with LCD projector and Internet. Department has 4 laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> The Annual intake was 3-5 students. Total 20 students admitted during the period. The student attrition is Nil / low.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 3 for PG programme. In position Two regular faculty (1 – Professor and 1 - Associate Professor) and two from other research scheme are also involved in teaching and guidance. There is need to increase faculty strength.
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The department has four technical and supporting staff and they are helping the students the conduct of practical's and hands on training.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has separate class rooms (two) equipped with LCD projector, Internet and CCTV Department has 7 laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> The Annual intake was 4 students. Total 20 students admitted during the period. The student attrition is Nil / low.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

95

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 6 for PG programme. In position Three regular faculty (2 – Associate Professors, 1- Assistant Professor) and four from other research scheme are also involved in teaching and guidance. There is need to increase faculty strength
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The department has Eight technical and supporting staff and they are helping the students in the conduct of practical's and hands on training.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has separate class rooms (two) equipped with LCD projector, Internet and CCTV Department has 7 laboratories / workshops with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> Annually 1-2 students are admitted. The total intake of students during last five years was 8. The student attrition was nil.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 5 for PG programme. In position Three regular faculty (1 - Associate Professors and 2-Assistant Professor) and three from other research scheme are also involved in teaching and guidance. There is need to increase faculty strength.
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The department has five technical and supporting staff and they are helping the students the conduct of practical's and hands on training.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has separate class rooms (Three) equipped with LCD projector and Internet. Department has 4 laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> One Ph.D. student admitted in a year. Total 4 students admitted during the period. The student attrition is Nil / low.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

97

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 3 for PG programme. In position Two regular faculty (1 – Professor and 1 - Associate Professor) and two from other research scheme are also involved in teaching and guidance. There is need to increase faculty strength.
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The department has four technical and supporting staff and they are helping the students the conduct of practical's and hands on training.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has separate class rooms (two) equipped with LCD projector, Internet and CCTV Department has 7 laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> The Annual intake was 1-3 students. Total 10 students admitted during the period. The student attrition is Nil / low.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	<ul style="list-style-type: none"> Faculty strength of the programme (as per ICAR guidelines) 	<ul style="list-style-type: none"> Total sanctioned faculty strength is 3 for PG programme. In position Three regular faculty (1-Professor, 1 - Associate Professor and 1- Assistant Professor) and two from other research scheme are also involved in teaching and guidance. There is need to increase faculty strength.
	<ul style="list-style-type: none"> Technical and Supporting staff (as per ICAR guidelines) 	<ul style="list-style-type: none"> The department has ten technical and supporting staff and they are helping the students the conduct of practical's and hands on training.
	<ul style="list-style-type: none"> Class rooms and laboratory (as per ICAR guidelines) 	<ul style="list-style-type: none"> The Department has a separate class room equipped with LCD projector and Internet. Department has 4 laboratories with required equipments for the PG programme.
	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training 	<ul style="list-style-type: none"> Conduct of Practical and Hands-on- Training is evident. Students are also trained in industries / institutes as per the course requirement.
	<ul style="list-style-type: none"> Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR/UGC guidelines) 	<ul style="list-style-type: none"> As per the MPKV norms, maximum three students per faculty.
	<ul style="list-style-type: none"> Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.) 	<ul style="list-style-type: none"> The feedback from the students is in place. The feedback is also collected from parents and other line departments. Proper analysis of the feedback and action taken should be recorded.
	<ul style="list-style-type: none"> Student intake and attrition in the programme for last five years 	<ul style="list-style-type: none"> The Annual intake was 2-3 students. Total 11 students admitted during the period. The student attrition is Nil / low.
	<ul style="list-style-type: none"> ICT application in curricula delivery 	<ul style="list-style-type: none"> ICT application in curricula delivery is evident. Wi-Fi connectivity provided in the Department. Faculty may be encouraged to create more digital content.

Assessment Report for the College: College of Agriculture, Nandurbar

99

Criteria	Key aspects	Assessment of the Peer Review Team (maximum three points)
1. College Administration	i. Dean's office establishment	<ul style="list-style-type: none"> College has separate Associate Dean Office establishment. There are 14 staff in Associate Dean's Secretariat to coordinate student activities.
	ii. Monitoring mechanism (on-line)	<ul style="list-style-type: none"> Associate Dean of the college have monitoring mechanism to ensure quality education in the College.
	iii. CC/Board of studies/Academic Council	<ul style="list-style-type: none"> Board of Studies is in place and they are conducting annual meetings. The major recommendations of Board of Studies are listed in SSR.
	iv. Anti-ragging Cell	<ul style="list-style-type: none"> College has constituted Anti-ragging committee and Anti-ragging Squad every year as per UGC regulations. CCTV cameras has been installed at vital points of the campus as per UGC regulations.
	v. Biological Waste Disposal Facility	<ul style="list-style-type: none"> Biological Waste Disposal Facility is in place. Biological waste like agricultural waste, spent-mushroom compost, tree litter and other organic waste is converted into compost, vermicompost.
	vi. Institutional Ethics Committee for Experiment on animals	<ul style="list-style-type: none"> Not Applicable
	vii. Committee for prevention of sexual harassment of women on work places	<ul style="list-style-type: none"> The Committee is in place. No cases reported
2. Faculty	i. Faculty strength	<ul style="list-style-type: none"> Total sanctioned is 36. Total number of faculty available for the programme is 14 (2-Associate Professors and 12- Assistant Professor). The vacant posts should be filled up on priority.
	ii. Faculty profile (department wise)	<ul style="list-style-type: none"> Department wise and cadre-wise faculty as per the sanctioned positions should be in place.
	iii. Credentials of the Faculty	<ul style="list-style-type: none"> The credential of the faculty seems good. Many faculty members are with Ph. D degree and guiding students and handling externally funded projects. Faculty members also participated in various National/International conference / seminar/ workshops.
	iv. Technical staff and other supporting staff	<ul style="list-style-type: none"> 11 out 16 sanction posts filled. There is need to appoint more technical and laboratory staff.
3. Learning Resources	College library (Digital)	<ul style="list-style-type: none"> The College library houses over 1200 books. Book bank facility exist. WiFi and internet and



		<p>reading room facility available.</p> <ul style="list-style-type: none"> The library uses KOHA Library Management Software to maintain its collection database. Books are searchable electronically through OPAC. RFID installed. Working hours 9am to 6 pm.
	ii. Laboratories, Instructional Farm / Workshop / Dairy Plant / Veterinary Clinic / Hatchery and ponds etc.	<ul style="list-style-type: none"> College has laboratories, workshop facilities, language lab, dairy plant, farm pond, green house, playhouse, Animal Husbandry and dairy science, and shade net, farm machinery museum and implementation shed for meeting the academic and research requirements for programs. College has farm area and instructional farm with micro irrigation system, poly houses.
	iii. Student Ready / In-plant training / Internship / Skill Development Modules/Experiential Learning modules etc.	<ul style="list-style-type: none"> The student READY/ In-plant training program has been implemented in the college as per the ICAR guidelines. Eight ELP modules were implemented in College of Agriculture, Nandurbar. Considering the tribal location of the college bee keeping may be initiated as optional ELP. The income earned from some of the ELP is low.
	iv. Curricula delivery through IT (like smart classrooms / interactive boards etc.)	<ul style="list-style-type: none"> Curricula delivery through ICT tools is evident.
4. Student Development	i. Student intake and attrition for last five years	<ul style="list-style-type: none"> Annual Students intake was 60 during 2019-20. Total 296 students admitted during last five years. Students attrition is low (5 – 8%)
	ii. Average number of students in theory and practical classes	<ul style="list-style-type: none"> The number of UG students in one batch of theory classes is 60 whereas in practical classes two batches of 30 each are there in the class.
	iii. Admission process	<ul style="list-style-type: none"> The admission procedure for UG. is carried out online by the Maharashtra Council for Agricultural Education and Research (MCAER), Pune. The seat allocation to colleges is made by MCAER and accordingly students take admission in the allotted colleges. The 70 % quota is reserved for candidates from University jurisdiction and 30% for all Maharashtra candidates. The 20% quota is reserved for ICAR candidates in each constituent college.
	iv. Conduct of Practical & hands – on – training	<ul style="list-style-type: none"> UG practicals and Hands-on- Training are conducted as per guidelines, in two batches of 30 students. Laboratory manuals need to be updated in some courses.
	Examination and evaluation process,	<ul style="list-style-type: none"> Being conducted as per ICAR guidelines and University.



		<ul style="list-style-type: none"> The different Examinations of UG are conducted as per the calendar issued by MCAER.
	vi. NSS/NCC/RVC Units	<ul style="list-style-type: none"> College has NSS unit and conducted few activities.
	vii. Language laboratory	<ul style="list-style-type: none"> Physical facility for language lab developed. Softwares to be installed. However college makes conscious effort to teach English language for developing effective communication skills among the students.
	viii. Cultural center	<ul style="list-style-type: none"> Cultural hall with some instrument is available for students use.
	ix. Personality development	<ul style="list-style-type: none"> Many Expert Lectures/ personality Development programmes have been organized.
5. Physical Facilities	i. Hostel (both boys and girls) and its amenities	<ul style="list-style-type: none"> College has separate boys and girls hostel facility with required amenities in the campus (total 2 hostels) to meet the requirement of students.
	ii. Examination Halls	<ul style="list-style-type: none"> College has one examination hall with the seating capacity of 120 students.
	iii. Sports and recreation facilities	<ul style="list-style-type: none"> Sports and recreation facilities are available However they needs proper maintenance.
	iv. Auditorium	<ul style="list-style-type: none"> College has an Auditorium.
	v. Exhibition Hall/Museum	<ul style="list-style-type: none"> The exhibition hall is available.
6. Research Facilities	i. PG laboratories and equipment	<ul style="list-style-type: none"> Not Applicable
	ii. Research contingency	<ul style="list-style-type: none"> Not Applicable
7. Outcome/ Output	i. Student performance in National Examinations (such as JRF/SRF/ARS)	<ul style="list-style-type: none"> Two students cleared JRF during the previous year.
	ii. Students' placement profile	<ul style="list-style-type: none"> The number of students placed in various Govt. and private organizations during last five years was 28 including one in MPSC.
	iii. Awards/ Recognition / Certificates	<ul style="list-style-type: none"> The faculty and students have received some awards/recognitions and the listed in SSR.
	iv. Employability	<ul style="list-style-type: none"> The placement Cell organize a variety of training sessions for personality development, interview skills and mock interviews. Experiential Learning program provide excellent opportunities to students to develop entrepreneurship skills through hands on training.

Assessment Report of the Programme: B.Sc. (Hons.) Agriculture
College of Agriculture, Nandurbar

102

Criteria	Key aspects	Assessment of the Peer Review Team
1. Programme accreditation	1. Faculty strength of the programme (as per ICAR guidelines)	<ul style="list-style-type: none"> Total sanctioned is 36. Total number of faculty available for the programme is 14 (2-Associate Professors and 12- Assistant Professor). Six contractual faculty also involved in teaching. The vacant posts should be filled up on priority.
	2. Technical and Supporting staff (as per ICAR guidelines)	<ul style="list-style-type: none"> 11 out 16 sanction posts filled. There is need to appoint more technical and laboratory staff.
	3. Class rooms and laboratory (as per ICAR guidelines)	<ul style="list-style-type: none"> Four class rooms are available with 60 seating capacity are available. The laboratories as per ICAR norms are available for conducting practical classes as per the requirements of the course curriculum. The Instructional Farm attached to the College of Agriculture covers an area of 6.7 ha. Essential instruction units available. <ul style="list-style-type: none"> Farm house/threshing floor/processing centre- 0.75 ha Crop cafeteria- 0.50 ha Field classroom (2)- 0.1 ha ELP units- vermicomposting, Nursery Polyhouse/Green house/any other for skill development or Entrepreneurial mode – 0.30 ha Agronomy (Local Crops), Genetics and Plant Breeding, Soil Science, Physiology, Other department – 1 ha Horticulture (orchard) – 1.5 ha Organic/Natural farming – 0.5 ha Plant Protection practical - 0.5 ha UG practical demonstration – 2.0 ha ELP units to be established under skill development or Entrepreneurial mode- 0.20 ha Some of the equipment needs replacement.
	4. Conduct of Practical and Hands-on- Training	<ul style="list-style-type: none"> UG practicals and Hands-on- Training are conducted as per guidelines, in two batches of 30 students. Considering the tribal location of the college it may include mushroom cultivation and bee keeping as optional ELPs. Laboratory manuals need to be updated in some courses.
	5. Number of students being supervised by Faculty in case of Masters /Ph. D Programme (as per ICAR guidelines)	<ul style="list-style-type: none"> Student mentoring is adequate.



153

	6. Feedback of stakeholders (Students, Parents, industries, employers, farmers etc.)	<ul style="list-style-type: none"> • Feedback mechanism from the students in place. Online feedback process initiated. • However, the feedback collected should be analyzed properly and action taken recorded.
	7. Student intake and attrition in the programme for last five years	<ul style="list-style-type: none"> • Annual Students intake was 60 during 2019-20. • Total 296 students admitted during last five years. • Students attrition is low (5 – 8%)
	8. ICT application in curricula delivery	<ul style="list-style-type: none"> • IC application in curricula delivery is followed.

194

**Assessment Report of the University: Mahatma Phule Krishi Vidyapeeth (MPKV),
Rahuri, Ahmednagar, Maharashtra**

Criteria	Key aspects	Assessment of the Peer Review Team
1. Governance	i. Vision, Mission and Goals	<ul style="list-style-type: none"> University has published Vision document with a well-developed mission and goals. The University proposes to adopt several major Programmes to achieve its Mission and Goals. Environment protection and conservation to be suitably included. In some of the programmes, prospective financial arrangements needs to be defined with a time-line.
	ii. Statutes and Regulations	<ul style="list-style-type: none"> Statutes and regulations have been published; subsequent amendments notified.
	iii. University statutory officers and their selection process as per the statutes of the University	<ul style="list-style-type: none"> Majority of the statutory Officers are either on additional charge/promotion. They should be appointed through advertisement/open competition as provided in the Statutes.
	iv. Decentralization of powers	<ul style="list-style-type: none"> University has made provision for decentralization of administrative and financial powers to EC, VC, Registrar, Comptroller, DoI/Research/Extension Education, University Engineer, Associate Dean, DDOs. Financial powers to PIs should be clearly defined. Adequate budget at each level may be allocated for proper utilization.
	v. Supporting Units (Maintenance Cell / SC/ST Cell/ Health Centre)	<ul style="list-style-type: none"> Supporting Units like Maintenance Cell, SC/ST Cell and Health Centre facilities are in place.
	vi. Technology support	<ul style="list-style-type: none"> ICT is being used to manage administration and academic activities /programmes, however needs strengthening at all the constituent colleges.
	vii. Institutional database and website updation	<ul style="list-style-type: none"> A multi-domain website system exists for the University and its institutions. Institutional database regarding Research/ extension/ academics is available. Website need to be updated regularly. Details of updating institutional database on

		various social interactions not found.
	iii. Inter departmental linkages	<ul style="list-style-type: none"> • University is actively engaged with State line departments to address its Research /extension mandate. • There is need to promote more linkages in academics also. Much more involvement of line departments and civil society is required.
	ix. Monitoring mechanism	<ul style="list-style-type: none"> • Regular monitoring of teaching/ research/extension is being done. • Robust online feedback mechanism to collect feedback and suggestions from various stakeholders for future planning at Programme/College/ University level.
	x. Institute Quality Assurance Cell / PME Cell	<ul style="list-style-type: none"> • IQAC and PME are in place, few meetings conducted but their functioning needs further improvement.
2. Academic Support	xi. Collaboration with other academic institutions and industry	<ul style="list-style-type: none"> • University has been collaborating with state/Central and international institutions and agencies to strengthen its activities. • More efforts are needed in this direction and the MOUs in pipeline should be in place.
	i. Academic Council	<ul style="list-style-type: none"> • Academic Council is in place and meeting regularly as per the Act/Statutes to cater the academic requirement of the University.
	ii. Innovations and best practices	<ul style="list-style-type: none"> • More such best practices need to be initiated/strengthened at off campus.
	iii. Library	<ul style="list-style-type: none"> • Good facilities have been created at HQ and colleges. • Library automation with KOHA and RFID at Central Library.
		<ul style="list-style-type: none"> • All college libraries, including the university library, have extended their timing up to 23.00 (11.00 PM).
	iv. Centre for excellence/ advance studies/Centre for Advanced Faculty Training (CAFT)	<ul style="list-style-type: none"> • CAFT in Agricultural Meteorology and CAFT in Horticulture (Fruits) are in place. • Conducted annual trainings.
	v. Incubation Centre	<ul style="list-style-type: none"> • Proposal amounting to Rs. 12.00 crores has been submitted to NABARD on 24.03.2022.

	vi. Technology enabled learning resources	<ul style="list-style-type: none"> University has created technology enabled learning resources. 40 Smart Classrooms are available at Central Campus and Various Colleges, Video Conferencing (11), Virtual Classrooms, AR/VR (Central Campus), AMS facility have been made operational at all colleges.
	vii. Integrated learning system (Experiential Learning)	<ul style="list-style-type: none"> Forty-two ELP modules were implementing at constituent colleges. All are functional and funded by the state and revolving fund of the University. profit sharing is done with the students. An outcome based evaluation of these programmes is required. Best practices followed in one college may be replicated in other colleges.
	viii. Academic- industry interface	<ul style="list-style-type: none"> University has developed some collaboration with academic/industrial/ organisations/ start-ups/ FPOs etc. However, active collaboration should be established for resource mobilization and knowledge transfer.
	ix. National Ranking (ICAR/MHRD)	<ul style="list-style-type: none"> In ICAR ranking; 23rd rank in 2020 and 27th rank in 2019. NIRF ranking 2023, University secured 33rd rank. MPKV has great potential to improve further.
3. Research Support	i. Research Council	<ul style="list-style-type: none"> In accordance with the provisions under clause (V) of Section 29 of Statute 14 (1) of the Maharashtra Agril. Universities, 1990, the Agril. Research Council has been constituted to serve as an advisory body on all the research matters of the university Regular meetings held to oversee the ongoing research activities and provide directions for further action.
	ii. Directorate of Research	<ul style="list-style-type: none"> There is an independent establishment of Directorate of Research with necessary Offices and staff in place. Vacant positions should be filled on priority. It is coordinating Research, seed production and

		other related activities.
	iii. Technologies developed and their adoption	<ul style="list-style-type: none"> During the reported period, University has developed some useful technologies and products and patents (three). More efforts are required to patent the technologies developed by the University. There is need to assess their adoption across the state or beyond. The patented technologies should be commercialized.
	iv. Research Publications (based on the work carried out in University)	<ul style="list-style-type: none"> More number of publications in high impact journals is required in all Colleges.
	v. Citation Index/h index	<ul style="list-style-type: none"> Google scholar index of the University is 40
	vi. Innovations and best practices	<ul style="list-style-type: none"> Some innovations /best practices are reported during the last five years. Follow-up studies are needed to assess their economic impact and resource generation.
	vii. IPR Cell / ITMU	<ul style="list-style-type: none"> IPR Cell is in operation at university level. University has commercialized 31 Machineries and implements and generated Rs 45.00 lakhs revenue. 2. MoUs were signed with 2151 FPOs and Private Companies for dissemination of 112 varieties of 27 crops and earned Rs. 2.29 crores from Royalty and Agreement Fee.
	viii. Central Instrumentation Unit	<ul style="list-style-type: none"> High end equipments are in Central Instrumentation Cell, in the department of Soil Science, Plant Pathology, Microbiology and Biotechnology. The labs need to be strengthened with technical/lab staff/space and necessary contingency to run and maximum utilization by students and faculty.
	ix. Global support	<ul style="list-style-type: none"> University has working MOUs with four international institutions. More efforts needed in this direction.
	x. CSR funding	<ul style="list-style-type: none"> University has received some funds from Corporates for construction of hostels, amenities and initiated endowment awards.
4. Extension	i. Extension Council	<ul style="list-style-type: none"> Extension Education Council in place.

Support		<ul style="list-style-type: none"> • It coordinates extension education activities and programmes under Directorate of Extension Education. • Participation from local society, industry and community is needed through Extension Council.
	ii. Directorate of Extension Education	<ul style="list-style-type: none"> • Directorate is there in place. It conducts various extension education activities, agricultural technologies and farm information services to the benefit of stakeholders. • It needs strengthening in terms of staff and on-line monitoring across the districts of its jurisdiction. Vacant positions should be filled up on priority.
	iii. Extension planning and technological impact	<ul style="list-style-type: none"> • Extension planning is done and executed properly. • There is need to study all the MPKV's technological impact.
	iv. Implementation of National initiatives	<ul style="list-style-type: none"> • Some of the national schemes/initiatives like Farmer FIRST, NICRA, ARYA, SAMUs, Pro-soil Project etc. have been implemented.
	v. Innovations and best practices	<ul style="list-style-type: none"> • Developed several innovative and appropriate farm technologies for the benefit of farming community. • Adoption rate of all the Best Practices needs to be determined to devise policy planning.
	vi. Consultancy/Certification/Testing	<ul style="list-style-type: none"> • The consultancy and testing programmes carried out are listed. More scope exists.
5. Faculty and staff Development	i. Recruitment and promotional avenues	<ul style="list-style-type: none"> • 63 posts of Associate Professors (13) and Assistant Professors (50) recruited during 2018. • There is no regular appointment of statutory officials in the University. • Recruitment of sanctioned but all the vacant faculty/staff positions should be done on priority basis. • Career Advancement Scheme (CAS) is being followed (262 promoted). The pending proposals need to be cleared in stipulated time period.
	ii. Participation of Faculty in national and International seminars/workshop	<ul style="list-style-type: none"> • Faculty is regularly participating in different national and international seminars/ workshops. • Year wise list given in SSR.

	s/	<ul style="list-style-type: none"> University may organize more online lectures.
	iii. Incentives for Excellence / Faculty Recognition	<ul style="list-style-type: none"> University has implemented Best Teacher Award (ICAR). University has also made provisions for recognition to the faculty for their outstanding contributions.
	iv. Capacity Building and trainings	<ul style="list-style-type: none"> University has been making necessary provisions to develop capacity building of faculty through training/scientific meetings, etc.
6. Student Development	i. Scholarships / Stipend	<ul style="list-style-type: none"> MPKV award merit scholarship to students of various constituent colleges. The students are also receiving various scholarship announced by Govt. of Maharashtra and centrally sponsored schemes. They also get scholarship from other agencies viz., NGOs, private organizations and public and CSR funding organizations. The year wise list provided in SSR.
	ii. Extra and co-curricular Activities	<ul style="list-style-type: none"> Students are regularly participating in many extra and co-curricular activities at national and state level competitions and won several laurels.
	iii. Health Insurance	<ul style="list-style-type: none"> Compulsory Health insurance scheme is in place. Healthcare facilities are provided in all the colleges.
	iv. Sports and Cultural Facilities	<ul style="list-style-type: none"> Sports and Cultural Facilities are available. In commensuration with the increased student intake, in future sports and game facilities may be expanded, for other games and athletics.
	v. Student Counseling and Placement Cell	<ul style="list-style-type: none"> Student counseling and Placement Cell exist. List of alumni and their details are listed. It should be more vibrant to address the requirement of counseling and placement of students.
	vi. Disabled Friendly facilities	<ul style="list-style-type: none"> Disabled Friendly facilities have been created. This facility needs strengthening across Departments and campuses.
7. Infrastructure	i. Physical facilities including administrative building and necessary land	<ul style="list-style-type: none"> University HQ and its all campuses have adequate physical facilities and necessary farm facilities. Looking at strength of students and to meet future requirement, more hostels needs to be

		constructed.
	ii. IT infrastructure	<ul style="list-style-type: none"> Internet/ WiFi networks, Library Information system, Video conferencing and other IT based management system are available.
	iii. Student and staff amenities	<ul style="list-style-type: none"> Necessary amenities are available in the University. In some of the colleges more facilities are coming up.
8. Financial Resource Management	i. Budget allocation (Salary : Contingency)	<ul style="list-style-type: none"> Sufficient, no deficiency shown. The university should allocate more funds in addition to ICAR grant for infrastructure development for education.
	ii. Finance Committee	<ul style="list-style-type: none"> Finance Committee is in place and met six times during the last five years.
	iii. Internal Resource Generation	<ul style="list-style-type: none"> More fund generation can be done through consultancy services etc. by the faculty.
	iv. Resource Mobilization through External Funding	<ul style="list-style-type: none"> University has great potential and needs to address this issue with the active participation of faculty across the colleges.
	v. Financial delegation to Deans and HoDs	<ul style="list-style-type: none"> It is in place. Sufficient grants should be made available for utilization.
	vi. Per cent finance utilization in last five years	<ul style="list-style-type: none"> 100% financial utilization.
9. Accomplishments	i. Regional, National and International Awards for the University	<ul style="list-style-type: none"> MPKU received Digital Agriculture Technology Award. Some AICRPs also received ICAR awards.
	ii. Accreditation from ICAR/other agencies and follow up on its recommendations	<ul style="list-style-type: none"> ICAR NAEAB Accredited University. The follow-up actions are listed.
	iii. Inter institutional standing	<ul style="list-style-type: none"> MPKV is ranked 33rd in the NIRF 2023 rankings. University has great potential to improve its NIRF rank.
	iv. Socio-economic impact	<ul style="list-style-type: none"> University through Front Line demonstrations/ Extension programmes is addressing the improvement in farm productivity in the area under its jurisdiction. University released crop varieties and technologies covered large area.

		<ul style="list-style-type: none"> • Impact assessment studies are initiated by the Directorate of Extension.
	v. International collaboration	<ul style="list-style-type: none"> • University has developed collaboration for academic, research and extension activities. • More such collaborations are needed in the future.
	vi. Fund raising through CSR	<ul style="list-style-type: none"> • University received CSR fund for creation of new structures/facilities and initiation of awards. • More efforts are required to mobilize corporate sector for R & D work as well.
	vii. Alumni support	<ul style="list-style-type: none"> • Alumni association is active and contributing in development of the University.

Signature