

SELF STUDY REPORT COLLEGE OF AGRICULTURE

UMMEDGANJ-KOTA



**AGRICULTURE UNIVERSITY
KOTA (RAJASTHAN)**

SELF STUDY REPORT COLLEGE OF AGRICULTURE UMMEDGANJ -KOTA

Submitted to

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

Submitted by



AGRICULTURE UNIVERSITY, KOTA (RAJ.)



COLLEGE OF AGRICULTURE Ummedganj-Kota (Raj.)-324001



Dr. M. C. Jain
Dean

PREFACE

Since the higher agricultural education has become quite dynamic and competitive, we have to be ready and equipped with the required abilities and capacities to inculcate the latest knowledge through newer technologies. Apart from strengthening the teaching-learning process, research and extension programmes, special focus on extra- curricular, sports and other similar activities to foster global competencies among the students is our priority.

It is a matter of great pleasure to present the “Self-Study Report” of the college and its eligible PG programmes before the Accreditation Board, ICAR, New Delhi. The College of Agriculture, Ummedganj-Kota has its excellent beginning during 2018 and in its short span, have been one of the institutes of preference for higher education in the field of Agriculture. The College offers Batchelor, Master & Doctoral degree programmes in the field of Agriculture in accordance to recommendations of ICAR-Fifth Deans/BSMA committees. The college has basic infrastructure and facilities such as laboratories, specialized equipments, instructional farms, digital library, etc. to run various programmes and cater the need of teaching and research.

As on today, 305 students including 238 in undergraduate, 46 in post-graduate and 21 in Ph.D. programmes are registered at this College and the first batch consisting of 54 students of UG degree programme has passed out in the year 2022 from the College while students of Master's programme are regularly passing out since 2020. It is worthwhile to mention that passed out students of this college are securing good ranks in AIEEA admission test conducted by ICAR and in State level Pre-PG Entrance Test conducted by SAUs of Rajasthan. I place on record the mammoth task carried out by the team consisting of Dr. C.B. Meena, Dr. Kirti, Dr. L.K. Meena, Dr. R. K. Meena, Dr. R. K. Yadav & Dr. V. K. Yadav and other members of committee for preparing the SSR to get accreditation in a crisp and prescribed way, deserve appreciation for accomplishing the task in time. My special thanks due to Hon'ble Vice- Chancellor, Registrar & Comptroller, AU, Kota for giving valuable guidance for preparation of this report.

I am sure that report will enlighten us adding new dimensions in the field of agricultural education and research for overall development of Rajasthan state.

Dean

Place : Kota, Rajasthan

Date : **23.05.2023**

College of Agriculture, Ummedganj,-Kota

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Self-Study Report of College of Agriculture, Ummedganj-Kota

About the College

The College of Agriculture, Ummedganj, Kota was established in April, 2018 as a constituent College of Agriculture University, Kota vide Govt. letter No. राजस्थान सरकार, कृषि (ग्रुप-3) विभाग प. 4 (26) कृषि-3/2018. 10.04.2018. This college is situated in the well-known education city Kota and having 39.75 hectare land area for instructional farm, play grounds, hostels and other required units of the college. The instructional farm is completely irrigated with canal and tube-wells. The undergraduate and postgraduate academic programme leading to the degree of B.Sc. (Hons.) Agriculture, M.Sc. (Agri.) with specialization in Agronomy, Genetics and Plant Breeding, Plant Pathology, Soil Science, Agricultural Extension Education and Ph. D in Agronomy and Genetics & Plant Breeding are offered at this college since its inception.

College provides equal opportunities to students for achieving excellence in academics, cultural, sports, leadership and social endeavors, in an inclusive environment that supports learning and teaching. Its educational atmosphere characterized by a quest of all-round high realization, a focus on tertiary preparation, diversity in student programs and high-quality outcomes with attainment of ultimate goal. Excellent performance is not an exception but an expectation to build greater engagement by the wider community with the college by recognizing and rewarding triumph



Present Administrative College block



View of Proposed College Building

Goal and Objectives

Goal

- To generate competent human resources adequately skilled to address needs of Agriculture and allied subjects and to keep pace with changing global cutting-edge technologies in the subject.

Objectives

- To offer undergraduate and post graduate education in Agriculture and allied subjects.
- To conduct basic and applied research in the field of Agriculture and allied subjects.
- To act as a strong link for dissemination of technologies, foster employment generation and development of entrepreneurship.
- To offer advisory and consultancy services to industries and other stakeholders.

Academic programmes leading to the undergraduate degree of B.Sc. (Hons.) Agriculture, Postgraduates Degrees of M.Sc. (Agri.) Agronomy, Genetics & Plant Breeding, Plant Pathology, Soil Science and Agricultural Extension Education programme, and Doctoral Degree Programme in Agronomy and Genetics & Plant Breeding are being offered by the college as per ICAR guidelines.

Programmes Proposed for Accreditation

The following academic programmes of the College are proposed for fresh accreditation by National Agricultural Education Accreditation Board, ICAR, New Delhi:

Academic Programme	Proposed Degree Programme for Accreditation	Duration
Undergraduate	B.Sc. (Hons.) Agriculture	Four years (Eight Semesters)
Post Graduate	M.Sc. (Agri.) in following disciplines <ul style="list-style-type: none"> • Agronomy • Genetics and Plant Breeding • Plant Pathology • Soil Science • Agricultural Extension Education 	Two years (Four Semesters)
Doctoral Programme	Ph.D. in following disciplines <ul style="list-style-type: none"> • Agronomy • Genetics and Plant Breeding 	Three years (Six Semesters)

6.5.1 College Administration

6.5.1.1 College Dean's Office Establishment

Dean is the Head of the College. The post of Dean is sanctioned by State Govt. vide letter No. राजस्थान सरकार, कृषि (ग्रुप-3) विभाग प. 4 (26) कृषि-3/2018. for this college at the time of its establishment. Presently Dr. M.C. Jain, Professor (Horticulture) is working as Dean since 2018.

Dr. Mool Chand Jain

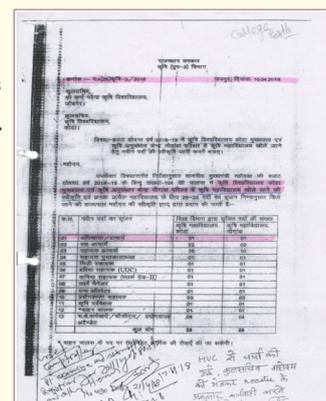
Dean, College of Agriculture, Ummedganj-Kota

Agriculture University, Kota (Raj.)-324001,

India Telephone No: 91-0744-2941655 (O)

Mobile no. 91-9610402762; 9414595682

Email : deancoa2018@gmail.com/coakota@aukota.org



Dr. M. C. Jain

The Dean looks after the overall functioning and monitors teaching, research and extension activities of the College under guidance & directions of the Vice Chancellor. The Director of Research, Director of Extension Education, Director of Student Welfare and Director of Education also support the Dean in their respective areas.

Name of the Dean	Mode of Selection	Period	
		From	To
Dr. M.C. Jain	Nominated	01.05.2018	Continue

The facilities available in the Dean's office are as follows:

S.No.	Staff Facility	Sanctioned Post	S.No.	Infrastructure Facility	Nos.
1.	Section Officer	1	1.	Surveillance and monitoring system	1
2.	Personal Assistant	1	2.	Photocopier machine	3
3.	UDC	1	3.	Computers with Printers & Scanner	6
4.	LDC	3	4.	Intercom telephone	1 set
5.	Driver	1	5.	Internet/Wi-fi	Available
6.	Attendant/Peon	4	6.	Dean's Chamber	1
7.	Assistant Librarian	1	7.	Personal Assistant Chamber	1
8.	Library Assistant	1	8.	Meeting Hall	2
9.	Matron	1	9.	Furniture	Sufficient
10.	Farm Manager	1	10.	Bio-matric machines	02
11.	Ag. Supervisor	2	11.	Paper shredder machine	01



Dean's Chamber



PA Chamber

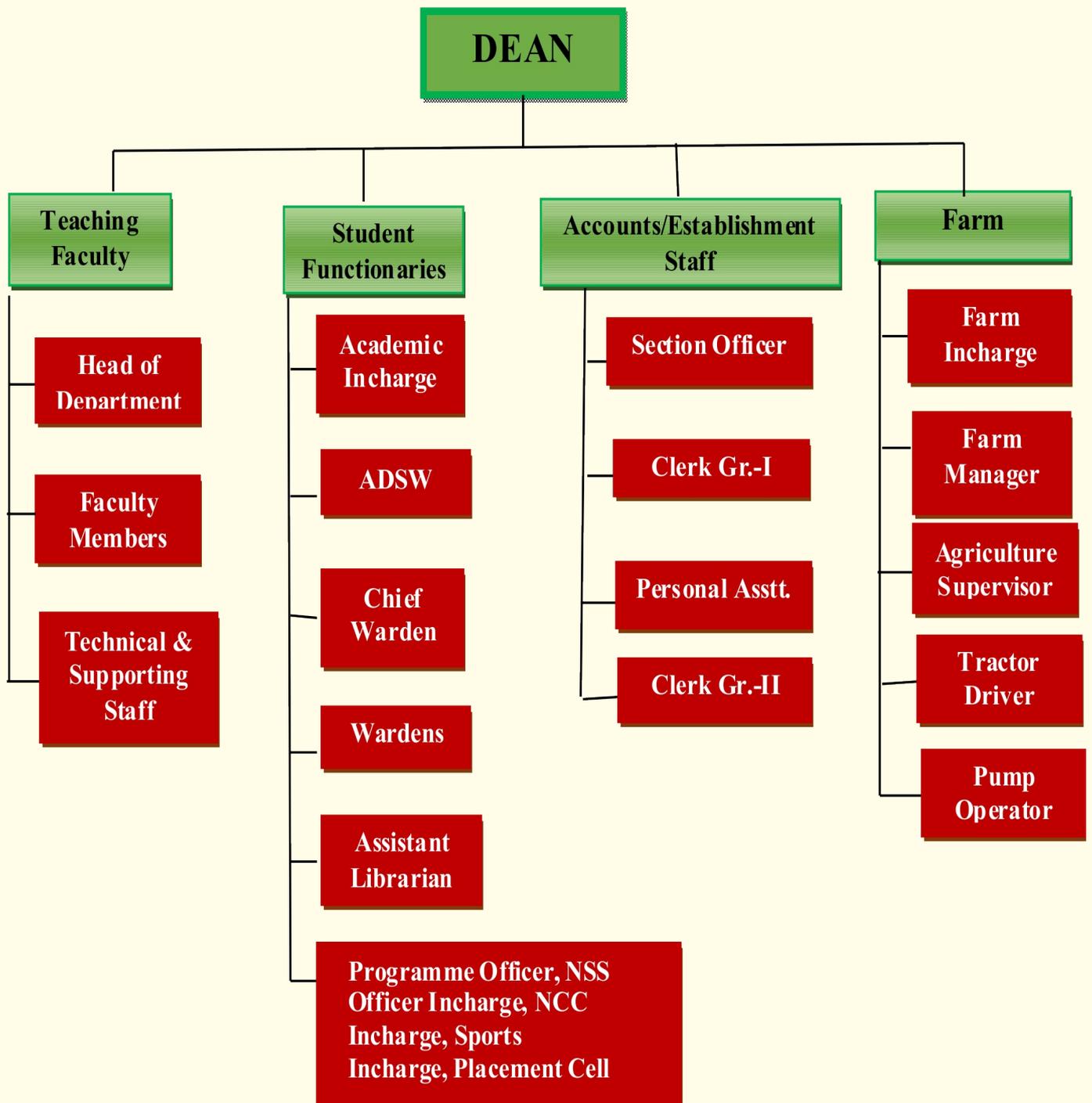


Meeting Hall

Organizational Structure

The college is having notified twelve departments and each department is headed by a HOD/Incharge nominated by the University. Each department is equipped with a good Laboratory and instructional farm facility. There is a separate section for farm management headed by Farm Incharge assisted by Farm Manager & Agriculture Supervisors.

Library is managed by Library Incharge with the assistance of Library Assistant. Student welfare and co-curricular activities are managed by Assistant Dean Student Welfare (ADSW). Wardens of the hostels look after the hostel activities, assisted by a care taker/matron. One Assistant Professor looks after sports and games facilities with the help of supporting staff. Faculty members are assigned student advisors for guiding various issues of the students related with academics, sports and cultural activities. NSS/NCC Programme officer looks after the NSS/NCC activities of the students. Incharge placement cell look after the placement activities of students passing out from this college.

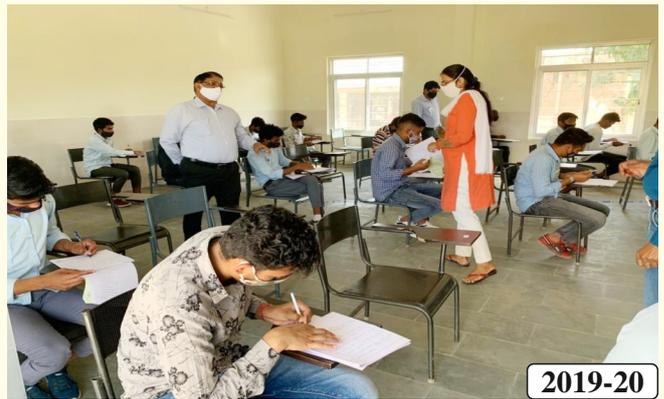


6.5.1.2 Monitoring Mechanism for Quality Education

- The regular classes and examinations are strictly supervised by Dean through CCTV surveillance and personal visits.
- The day-to-day quality education is monitored by the Dean and HoDs on the basis of periodical feedback from the advisor of the student, course teacher, hostel warden, attendance register, etc. and discussed in Staff Council meetings and resolutions are implemented.
- Cancellation of student's registration upon 7 days regular absence from the classes.
- 75 Percent Attendance of the students in each course is mandatory to appear in the semester end examinations.
- Provision for conducting mid-term examination of UG and PG programme.
- External evaluation for final theory examination of all UG courses and core courses of PG programme.
- The Dean makes surprise visits to the examinations, classrooms, labs and regularly monitors the faculty and students' activities.
- The research of the PG students is regularly monitored by Departmental Research Monitoring Committees under the chairmanship of concern HOD's for quality research. Dean also monitors the field & Lab research conducted by students at central level.
- Student welfare activities of the college are regularly monitored by various committees constituted for this purpose, ADSW and other student functionaries.
- Feedbacks collected from the students are assessed and analysed to suggest the teachers for academic improvement and teaching efficiency.
- Feedback from the outgoing students is considered for further development of the college in terms of quality education.
- Every student is allotted a Counsellors/advisor at the time of admission to this college and such counsellor conduct the meetings of students at regular interval to understand and redress the grievances of the students; and to discuss about academic and co-curricular performance so as to improve their overall personality.
- Counsellors update the parents with the progress of their wards and collect the feedback for the improvement of the students.
- PG students are allocated to the teachers based on their area of specialization along with student's merit and their area of research interest.
- The Academic Management System (AMS), a web - enabled application software introduced by ICAR-IASRI has been adopted to manage various academic activities of the college. The AMS caters the needs of different users like Dean, Heads, Guides, Faculty, Teachers, Students, Administrators and other officials to carry out their assigned tasks. The online capabilities of the system allow the students, faculty members and administrators to publish and retrieve the information from their respective disciplines. It has modules like Course Management, Student Management, Faculty Management, Administration Management, E-Learning and Online fee collection.



2018-19



2019-20



2021-22



2022-23

Surprise Visit During the Examinations by Hon'ble Vice Chancellors



Monitoring of PG Research



Monitoring of PG Research



CCTV Surveillance

Meetings of Staff Council for Monitoring the Programmes

The Dean convene meetings with Head of Departments / Staff Council regularly and discusses the problems in teaching / research / extension / farm management and decides the priorities. Further, regular staff meetings involving teaching and non-teaching faculty are also conducted for overall institutional development.

Meetings of HODs and Staff Council were held as per following details at this college

S.No.	Date	Major Points Discussed
1.	05.10.2018	<ul style="list-style-type: none"> Allotment of major advisor of M.Sc. & Ph.D. students based on research. Discussed about organization of First BOS.
2.	07.09.2019	<ul style="list-style-type: none"> For allotment of major advisor of M.Sc. & Ph.D. students. Monitoring of academic activity of the college.
3.	08.11.2019	<ul style="list-style-type: none"> Arrangement of extra classes for ARS/SRF/NET. Research projects of the students may be funded by agencies like DST, DBT & ICAR etc. Formulation of college accreditation committee.

S.No.	Date	Major Points Discussed
4.	20.01.2020	<ul style="list-style-type: none"> ● To submit the revised syllabus of UG, PG & Ph.D. degree programme approved in second BOS on approval of ACM. ● For comprehensive examination of master's and preliminary examination of Ph.D. degree. ● Discussion on the topics for PG research.
5.	07.07.2020	<ul style="list-style-type: none"> ● Allotment of UG/PG Courses ● Procedure of promote students of second semester during COVID-19. ● Procurement of Lab instruments.
6.	05.12.2020	<ul style="list-style-type: none"> ● Formulation of Departmental Research Monitoring Committee. ● ICAR accreditation of PG Programmes.
7.	25.01.2021	<ul style="list-style-type: none"> ● Allocation of budget for lab equipment ● Allotment of major advisors to PG students ● Status of online teaching of UG/PG students & PG research ● Convening the meeting of Third Board of Studies ● Conducting the comprehensive/preliminary examinations of PG students
8.	28.06.2021	<ul style="list-style-type: none"> ● Preparation for ICAR accreditation of University & PG Degree Programme offering at this College
9.	11.08.2021	<ul style="list-style-type: none"> ● To review the Preparations for ICAR accreditation of the University & PG Degree Programme of this College
10.	24.08.2021	<ul style="list-style-type: none"> ● To review the Preparations for visit of ICAR -Peer review team held during 06-08, September, 2021
11.	04.12.2021	<ul style="list-style-type: none"> ● To organize the meetings of courses committees of various departments. ● Discussed agendas to be put in meeting of Fourth Board of studies ● To complete the Academic session 2021-22 and its semesters in time. ● Remuneration to external examiner for practical examinations. ● Registration of teachers & students in AMS of ICAR.
12.	10.02.2022	<ul style="list-style-type: none"> ● Discussed about the various development and other issues of the college and its different units
13.	07.04.2022	<ul style="list-style-type: none"> ● Discussed for organization of 1st Annual Prize Distribution Ceremony as "Haritima" of this college on its foundation day i.e., 27th April, 2022. ● Allocation of budget out of boy's fund & Constitution of various committees for annual function. ● Finalization of students for distribution of prizes for their achievements in academics/games & cultural events, NSS etc. as per rules.
14.	30.01.2023	<ul style="list-style-type: none"> ● Preparation of SSR of College and its different degree programme for ICAR accreditation. ● Discussed about convening the meeting of courses committee and Fifth Board of Studies. ● Allotment of BSMA approved PG Courses offered in II semester to the teachers. ● Discussed about formation of advisory committee as per BSMA for PG students. ● Status of the PG Research Monitoring Committee and requirement of certificate of such monitoring at the time of thesis submission. ● Requirement of Chemical & Glassware for PG research.

S.No.	Date	Major Points Discussed
15.	12.04.2023	<ul style="list-style-type: none"> ● Convening the 5th meeting of Board of Studies ● Organization of 2nd Annual Prize Distribution Ceremony as “Mridang” and allocation of budget for this purpose. ● Budget allotment for educational tour ● Arrangement of extra classes for JRF/NET/SRF/ARS and other competitive examinations. ● Timely submission of course programme (green form) of the students for further approval
16.	08.05.2023	<ul style="list-style-type: none"> ● Preparation of Self Study Report (SSR) of college & its various degree programmes. ● Discussed about budget allotment from boy's fund for repair and renovation of girl's hostel and construction of male and female toilets. ● Management of Student Alumni system ● Submission of technical article and success story of students to AU, Kota ● Requirement of Chemical & glasswares during PG research



Glimpses of Staff Council Meetings

Advisory for UG Students

Counseling system for students is well organized in the college. A teacher is nominated as a councilor during the first year of admission itself and will remain the counselor till the end of the degree. The advisor meets the students regularly and guides about his/her academic and other activities acting as a local guardian of the students.

Hostel Management Committee

For managing the hostel, there are a Hostel Management Committee (HMC) headed by Warden and consists of student representatives as members. The committee takes care of day-to-day management of Mess and Hostel. Other committees such as tender committee and farm development committees are also constituted for day to day needs of the college.

Impact of Monitoring on the Outcomes

As a result of curricular delivery monitoring; counseling, examination and evaluation mechanism; and application of different tools and aids, following impact has been observed

S. No.	Outcome of the Monitoring	No. of Students
1.	Selection in Agriculture Officer in the state Govt. through RPSC in 2021	06
2.	Selected in other Govt. Jobs	21
3.	Selected in Private Jobs	10
4.	Cleared JRF in 2022 including AIR 2nd and 30th.	08
5.	Cracked PG State/National level entrance examination in 2022 with good rank and pursuing Master's degree	23
6.	Selected for award of Prime Minister Fellowship at National level sponsored by Confederation of Indian Industries (CII) for Doctoral research work	01
7.	Selected for award of Jawahar Lal Nehru at National level for Doctoral research work	01
8.	State Topper in Pre -PG entrance examination for consecutive two years & Every year 15-16 PG students (out of 25 passed out) are securing good ranks in state level Ph.D. entrance examination	02
9.	Research paper published in NAAS rated National and International Journals	102
10.	Selection ratio of the students to get JRF/SRF/NET/ICAR fellowships has increased.	
11.	Systematic approach through intense monitoring has affected positively and contributed in the enhancement of OGPA/CGPA of the students.	
12.	Increased frequency of students visiting library has been observed	

6.5.1.3 Courses Committee/Board of Studies

Courses Committee

Meetings of Courses Committees of various departments were held to review the courses as per need of area according to 5th Deans committee offered by respective departments on the dates mentioned against each of them.

S.No.	Name of Department	Date	Members Present
1.	Agricultural Extension and Communication	06.03.2019	Dr. B.L. Dhaka Convener Dr. S.D. Dhakar, External Member Dr. Ishaq Moh. Khan, External Member Dr. Kirti, Internal member Dr. K.C. Meena, Invitee
		11.02.2022	Dr. B.L. Dhaka, Head & Convener Dr. Chitra Henry, External Member Dr. Kirti, Member Secretary
2.	Horticulture	19.10.2019	Dr. M.C. Jain, Head & Convener Dr. S. K. Khandelwal, External Member Dr. Rakesh Kumar Yadav, Invitee
		05.01.2021	Dr. M.C. Jain, Head & Convener Dr. R.A. Kaushik, External Member Dr. S.K. Khandelwal, External Member Dr. B.L. Nagar, Internal Member
3.	Agronomy	19.10.2019	Dr. Chandra Prakash, Head and Convener Dr. L. R. Yadav, External Member Dr. M.K. Kaushik, External Member Dr. Baldev Ram, Internal Member
		19.01.2021	Dr. Baldev Ram, Head and Convener Dr. L. R. Yadav, External Member Dr. M.K. Kaushik, External Member Dr. Bhawani Shankar Meena, Internal Member
4.	Plant Pathology	19.10.2019	Dr. C.B. Meena, Convener Dr. K. L. Jain, External Member Dr. R.P. Ghasolia, External Member Dr. D.L. Yadav, Internal Member
		30.12.2020	Dr. M.C. Jain, Dean & Convener Dr. R.P. Ghasolia, External Member Dr. K.L. Jain, External Member Dr. C.B. Meena, Internal Member
		15.01.2022	Dr. C.B. Meena, Head & Convener Dr. Amit Trivedi, External Member Dr. M.L. Meena, External Member Dr. Chirag Gautam, Internal Member
5.	Entomology	23.10.2019	Dr. H.R. Chaudhary, Head and Convener Dr. H.L. Deshwal, External Member Dr. B.K. Patidar, Internal Member
		19.01.2021	Dr. M.C. Jain, Dean & Convener Dr. H.L. Deshwal, External Member Dr. B.L. Jat, External Member Dr. H.P. Meghwal, Internal Member

S.No.	Name of Department	Date	Members Present
		31.01.2022	Dr. B.K. Patidar, Head & Convener Dr. R. Swaminathan, External Member Dr. H.P. Meghwal, Member Secretary
6.	Plant Physiology and Bio Chemistry	13.11.2019	Ms. Yamini Tak, Convener Dr. N. K. Gupta, External Member Dr. G.K. Mittal, External Member Dr. A.K. Gupta, Internal Member
		19.02.2022	Dr. M.C. Jain Convener Mrs. Yamini Tak Member
7.	Agricultural Economics	13.11.2019	Dr. M.C. Jain, Dean & Convenor Dr. L.K. Meena, Internal Member Dr. Ashok Kumar, Invitee
		02.01.2021	Dr. M.C. Jain, Dean & Convenor Dr. S.S. Burarak, External Member Dr. L.K. Meena, Internal Member
8.	Basic Science & Humanities (Statistics, Math., Computer Science and English)	13.11.2019	Dr. M.C. Jain, Dean & Convenor Dr. V.K. Jain, Internal Member Dr. Lokesh Kumar Meena Internal member
9.	Genetics and Plant Breeding	14.11.2019	Dr. J.M. Dhakar, Head and Convener Dr. B. R. Ranwah, External Member Dr. N. R. Koli, Internal Member
		05.02.2021	Dr. J.M. Dhakar, Head and Convener Dr. B. R. Ranwah, External Member Dr. Abhay Dashora, External Member Dr. S.C. Sharma, Internal Member
		15.02.2022	Dr. S.C. Sharma, Head & Convener Dr. A.K. Sharma, External Member Dr. Abhay Dashora, External Member Dr. N.R. Koli, Member Secretary
10.	Animal Science	14.11.2019	Dr. M.C. Jain, Dean & Convener Dr. Mahendra Singh, Internal member
11.	Agriculture Engineering	14.11.2019	Dr. K.M. Gautam, Convener Dr. Y.C. Bhatt, External Member Er. I. N. Mathur, Internal Member
12.	Soil Science & Agricultural Chemistry	27.11.2019	Dr. M.C. Jain, Dean & Convener Dr. S.C. Bhandari, External Member Dr. Rajendra Kr. Yadav, Internal Member
		06.01.2021	Dr. M.C. Jain, Dean & Convener Dr. S.C. Bhandari, External Member Dr. R.H. Meena, External Member Dr. M.K. Sharma, Internal Member
		12.01.2022	Dr. M.K. Sharma, Head & Convener Dr. V.R. Bhatt, External Member Dr. Yogesh Sharma, External Member Dr. Vinod Kr. Yadav, Member Secretary

Board of Studies

The Board of Studies for Faculty of Agriculture was constituted as per provision of Agriculture University, Kota act No. 22 of 2013 sub section (5) of section 20 and approved by Academic Council and Board of Management.

The functions of Board of Studies are

- (i) To review teaching programme and suggest improvements thereof;
- (ii) To consider the recommendations of the committee of courses, curricula or similar body, as constituted by the Board of Studies and to place the same before the Academic Council for consideration and approval;
- (iii) To discharge such other functions as may be assigned to it by the Academic Council or Vice Chancellor.

S.No.	Composition of Board of Studies	Status
1.	Senior most Dean of the Faculty	Ex-officio Chairman
2.	Director Education	Ex-officio Member
3.	Director Student Welfare	Ex-officio Member
4.	Deans of the Other Constituent Colleges	Ex-officio Member
5.	All Head of Departments	Member
6.	Two Professor other than the Heads Nominated by the Vice Chancellor	Member
7.	Two teachers nominated by the Vice Chancellor	Member
8.	Two outside experts coopted by the BOS	External Member

The meetings of this board are organized regularly as per details given below:

S. No.	Date of Meeting	Major Agendas Discussed
1.	12 th Oct., 2018	<ul style="list-style-type: none"> ➤ Discussed the minor modification made in Syllabus of UG/PG/Ph.D. courses. ➤ To constitute courses committees in different Departments ➤ To create 10 seats for direct admission in B.Sc. (Hons.) Ag. on open merit basis from the session 2019-20 at this college.
2.	30 th Dec., 2019	<ul style="list-style-type: none"> ➤ Confirmation of the minutes and action taken report of the first meeting of board of studies held on 12.10.2018. ➤ Discussed the modifications made in syllabus of B.Sc. /M.Sc. /Ph.D. programme by courses committees of respective departments. ➤ Restructuring the courses committees of different Departments of the college. ➤ Constitution of staff council and College Development Council of this college. ➤ Increased 10 percent seats in UG programme in compliance to Govt. order for accommodating reservation of EWS category.
3.	10 th Feb., 2021	<ul style="list-style-type: none"> ➤ Confirmation of the minutes and action taken report of the second meeting of board of studies held on 30.12.2019. ➤ Reviewed the modifications/changes made in content of syllabus for B.Sc. (Hons.) Ag. / M.Sc. (Agri.)/Ph.D. programmes by courses committees. ➤ Restructuring the courses committees of different departments. ➤ Reduction in time of semester end theory examinations of UG classes from 3.0 Hrs. to 2 Hrs.30 min. and revised format of the question paper. ➤ Deciding the duration of written comprehensive / preliminary examination of Masters/Ph.D. programmes

S. No.	Date of Meeting	Major Agendas Discussed
4.	28 th Feb., 2022	<ul style="list-style-type: none"> ➤ Confirmation of the minutes and action taken report of the third meeting of board of studies for Faculty of Agriculture, AU, Kota held on 10.02.2021. ➤ Adoption of ICAR-BSMA recommendations for M.Sc. & Ph.D. programmes. ➤ Completion of both the semesters of AS- 2021-22 up to July 2022. ➤ Discontinue the admissions in M.Sc. & Ph.D. programmes in Department of Horticulture, from academic session 2022-23.
5.	19 th April, 2023	<ul style="list-style-type: none"> ➤ To confirm the minutes and action taken reports of fourth meeting of BOS for faculty of Agriculture, AU, Kota held on 28.02.2022. ➤ Finalizing the guidelines for temporary withdrawal of the semester. ➤ Replacement of comprehensive examination certificate with plagiarism certificate in M.Sc. Thesis. ➤ Amendment in duration of late Registration. ➤ Honorarium for delivering lecture in extra classes of JRF/SRF/NET and other competitive examinations to experts of AU, Kota. ➤ To approve the maximum limit of membership in advisory system of PG students at any given time. ➤ To approve the modifications /changes made by courses committees of Department of Agricultural Extension & Communication and Renaming the Name of Department.



First Meeting of Board of Studies



Second Meeting of Board of Studies



Third Meeting of Board of Studies



Fourth Meeting of Board of Studies



Fifth Meeting of Board of Studies

6.5.1.4 Anti-Ragging Cell

As per the directive by the UGC and ICAR, Anti-Ragging Cell has been established in the college and also the Anti-ragging committees framed to create awareness about ragging and to prevent such untoward activities. The senior students are advised not to indulge in ragging to fresh students. To keep the surveillance, the anti-ragging squads are framed including teachers, wardens and senior non-teaching staff of the college. The anti-ragging squads operate 24/7 as per the schedule framed by the Dean. The services of the squad members include frequent and surprise visits at the hostel premises, corridors, class-rooms, laboratories, instructional farm and play grounds. The team observes the student's behaviour during the commencement of classes, closer of class/lab sessions and even after office hours in the playground and hostel premises. The vigilance activities are carried out even during holidays. Fortunately, till date no ragging incidence has been reported at this college.

PH: 0744-2843369, 2843368 Email: deancoa2019@gmail.com

COLLEGE OF AGRICULTURE, UMMEDGANJ-KOTA
(Agriculture University Kota)

Umedganj Farm, Post Box No. 7, G.P.O. Baysara, Ballibora Road, KOTA - 324 001

No. F. / (DEAN/COA/2019/851-6A Date: 22/08/2019

OFFICE-ORDER

In order to prevent any untoward activities pertaining to ragging in current semester of academic session 2019-20, following anti-ragging teams are constituted to monitor overall activities of the students in college premises and hostels to prevent any menace of ragging as per given schedule.

Monitoring teams/squad				
S. No.	Group A	Group B	Group C	Group D
1.	Dr. D. S. Meena, Convener	Dr. B. L. Dhaka, Convener	Dr. S. L. Yadav, Convener	Dr. Preeti Verma, Convener
2.	Dr. Preeti Verma	Dr. Manoj Kumar	Dr. R. K. Meena	Dr. Rakesh Yadav
3.	Dr. Lokesh Meena	Dr. Rajendra Yadav	Dr. R. K. Meena	Mr. Ching Gautam
4.	Dr. Rajesh	Dr. Sandhya	Dr. H. P. Meghwal	Mr. Vinod Yadav
5.	Mr. S. N. Meena	Dr. D. L. Yadav	Dr. Kirli	Miss Yamini Tak

Duty chart				
Date	6.00 AM to 12.00 PM	12.00 PM to 6.00 PM	6.00 PM to 12.00 AM	12.00 AM to 6.00 AM
29/07/2019 to 04/08/2019	Group A	Group B	Group C	Group D
05/08/2019 to 11/08/2019	Group D	Group A	Group B	Group C
12/08/2019 to 18/08/2019	Group C	Group D	Group A	Group B
19/08/2019 to 25/08/2019	Group B	Group C	Group D	Group A
26/08/2019 to 31/08/2019	Group A	Group B	Group C	Group D

The committee will report the undersigned immediately if any such types of activity is observed in the premises of the college. This order will come in force with immediate effects.

DEAN

Copy to:

- PS to Hon'ble Vice Chancellor, Agriculture University, Kota
- The Registrar, Agriculture University, Kota
- The Director, Research/Student welfare, AU, Kota.
- All HOD's & Incharges of different departments, COA, Kota.
- Academic Incharge/Student Section, COA, Kota
- Hostel's warden Girls/Boys, COA, Kota.
- All Person Concerned.
- Notice Board College/Hostel
- Guard File

PH: 0744-2860915 Email: deancoa2019@gmail.com

COLLEGE OF AGRICULTURE, UMMEDGANJ-KOTA
(Agriculture University Kota)

Umedganj Farm, Post Box No. 7, G.P.O. Baysara, Ballibora Road, KOTA - 324 001

No. F. / (DEAN/COA/2021/185-93 Date: 05-10-2021

OFFICE-ORDER

In order to prevent any untoward activities pertaining to ragging in current semester of academic session 2021-22, following anti-ragging squads are constituted to monitor overall activities of the students in college premises and hostels to prevent any menace of ragging as per given schedule.

Monitoring teams/squad				
S. No.	Group A	Group B	Group C	Group D
1.	Dr. L. K. Meena, Convener	Dr. C. B. Meena, Convener	Dr. B. L. Dhaka, Convener	Dr. Preeti Verma, Convener
2.	Mrs. Yamini Tak	Dr. H. P. Meghwal	Dr. Manoj Kumar	Dr. R. K. Meena
3.	Dr. Rajesh	Sh. Vinod Kr. Yadav	Dr. Kirli	Dr. Rakesh Yadav
4.	Mr. B. L. Meena	Dr. D. L. Yadav	Dr. Sandhya	Dr. Rajendra Yadav

Duty chart				
Date	6.00 AM to 12.00 PM	12.00 PM to 6.00 PM	6.00 PM to 12.00 AM	12.00 AM to 6.00 AM
05/10/2021 to 12/10/2021	Group A	Group B	Group C	Group D
13/10/2021 to 20/10/2021	Group D	Group A	Group B	Group C
21/10/2021 to 30/10/2021	Group C	Group D	Group A	Group B
31/10/2021 to 06/11/2021	Group B	Group C	Group D	Group A
07/11/2021 to 14/11/2021	Group A	Group B	Group C	Group D
15/11/2021 to 22/11/2021	Group D	Group A	Group B	Group C

The committee will report the undersigned immediately if any such types of activity is observed in the premises of the college including hostels.

DEAN

Copy to:

- PS to Hon'ble Vice Chancellor, Agriculture University, Kota
- The Registrar, Agriculture University, Kota
- The Director Student welfare, AU, Kota/225/W
- All HOD's & Incharges of different departments
- Chief Hostel Warden/Wardens (Boys/girls).
- Academic Incharge/Student Section, COA, Kota.
- Incharge website.
- All Person Concerned for compliance.
- Notice Board College/Hostel

PH: 0744-2841655, Email: coahostel@ukota.org/deancoa2019@gmail.com

COLLEGE OF AGRICULTURE, UMMEDGANJ-KOTA
(Agriculture University Kota)

Umedganj Farm, Ballibora Road, KOTA - 324 001

No. F. / (DEAN/COA/2022/2080-87 Date: 28/11/22

OFFICE-ORDER

In order to prevent any untoward activities pertaining to ragging in current semester of academic session 2022-23, following anti-ragging squads are constituted to monitor overall activities of the students in college premises and hostels to prevent any menace of ragging as per given schedule.

Monitoring teams/squad				
S. No.	Group A	Group B	Group C	Group D
1.	Dr. L. K. Meena, Convener	Dr. C. B. Meena, Convener	Dr. B. L. Dhaka, Convener	Dr. Preeti Verma, Convener
2.	Mrs. Yamini Tak	Dr. H. P. Meghwal	Dr. P. K. P. Meena	Dr. R. K. Meena
3.	Dr. Rajesh	Dr. Kirli	Sh. Vinod Kr. Yadav	Dr. Rakesh Yadav
4.	Mr. B. L. Meena	Dr. D. L. Yadav	Dr. Sandhya	Dr. Rajendra Yadav

Duty chart				
Date	6.00 AM to 12.00 PM	12.00 PM to 6.00 PM	6.00 PM to 12.00 AM	12.00 AM to 6.00 AM
05/10/2022 to 12/10/2022	Group A	Group B	Group C	Group D
13/10/2022 to 20/10/2022	Group D	Group A	Group B	Group C
21/10/2022 to 30/10/2022	Group C	Group D	Group A	Group B
31/10/2022 to 06/11/2022	Group B	Group C	Group D	Group A
07/11/2022 to 14/11/2022	Group A	Group B	Group C	Group D
15/11/2022 to 22/11/2022	Group D	Group A	Group B	Group C
23/11/2022 to 30/11/2022	Group A	Group B	Group C	Group D

The committee will report the undersigned immediately if any such types of activity is observed in the premises of the college including hostels.

DEAN

Copy to:

- The Registrar, Agriculture University, Kota
- The Director Student welfare, AU, Kota
- All HOD's & Incharges of different departments
- Chief Hostel Warden/Wardens (Boys/girls).
- Academic Incharge/Student Section, COA, Kota.
- Incharge website.
- All Person Concerned for compliance.
- Notice Board College/Hostel



CCTV Cameras Installed in College, Hostels and Library Premises for Monitoring Ragging

6.5.1.5 Biological Waste Disposal Facility

The laboratory waste disposal is being handled as per the regulations. Appropriate and duly labeled waste collection bins are used in laboratories of the college. The laboratory waste is controlled by segregation it into appropriate classes right at laboratory stage. College, hostels and farm waste of the college is disposed at composting unit.

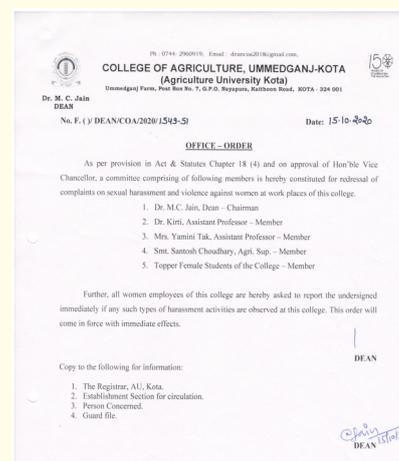


6.5.1.6 Institutional Ethics Committee Experiment on Animals

No experiments are conducted on animals at this College therefore, the College has not constituted such committee.

6.5.1.7 Committee for Prevention of Sexual Harassment of Women at Work Places

A Committee for Prevention of Sexual Harassment of Women at Work Places has been constituted at this college as per the “Sexual Harassment of Women at Workplaces Act, 2013 (Prevention, Prohibition and Redressal act, 2013)”. The committee invigilates for a safe environment free from sexual harassment for every female student and lady staff of the College.



Activities Undertaken by Women Cell

1. Organization of Self-Defence trainings for girl's student & lady employees of this College.

S.No.	Date of Duration	Organised by	No. of Participants
1.	17 th February 2020 (01 Day)	Kota Karate Development Branch of Woly Martial Art Academy	50 girls and 15 women employees were learned about Skill and tricks of self-defence
2.	08 th March, 2022 (01 Day)	Youth Action for Society, Kota	60 girls student and 20 women employees were learned about tips of self-protection against domestic violence and eve-teasing.
3.	13-17, Sept., 2022 (05 Days)	Police Department, Kota	37 Girls student and lady staff of this college were participated. Master trainer & head constable Asha Das and lady constable Gayatri had given training.
4.	04-08, April, 2023 (05 Days)	Police Department, Kota	36 Girls student participated. Training was given by Master trainer Gayatri Dhakar and Mamta lady constable



Glimpses of Self Defence Trainings

- Women cell has also placed the complaint/suggestion boxes at various places in girls' hostel and premises of college to collect complaints of girls' students, if any.
- Organisation of periodic meeting of all female students under the Chairmanship of Dean to discuss various related issues.



6.5.2 Faculty

6.5.2.1. Faculty Strength

S. No.	Designation / Cadre	Sanctioned Strength	Filled Position	Vacant Position **
1.	Dean	01	01	-
2.	Professor	02	03*	02
3.	Associate Professor	07	2+19*	05
4.	Assistant Professor	19	05+19*	14
	Total	29	08+41*	21

* Research Scientists are engaged in teaching at this college.

**Recruitment on vacant positions is in process.

Proposed Recruitment on Teaching Post During 2022-23

Professor	Associate Professor	Assistant Professor	Assistant Librarian	Total
02	05	14	01	22

Visiting Faculty from Collaborating Institutes

S. No.	Particulars	No. of Visiting Faculty
1.	CH&F, Jhalawar (Plant Physiology & Agril. Engg.)	02
2.	AU, Kota	07
3.	KVK, Kota	02
4.	KVK, Anta	01
5.	KVK, Bundi	01
6.	KVK, Sawai Madhopur	01

6.5.2.2. Faculty Profile Department Wise

S. No.	Name of the Department	Sanctioned Strength	Faculty in Place	Vacant Position	Faculty Recommended by ICAR
01	Department of Horticulture				
	Professor	0	1+1*	0	1
	Assoc. Professor	1	0+2*	1	1
	Assistant Professor	2	1	1	4
02	Department of Agronomy				
	Professor	01	01*	1	1
	Assoc. Professor	01	1+8*	0	2
	Assistant Professor	02	1+5*	1	3

S. No.	Name of the Department	Sanctioned Strength	Faculty in Place	Vacant Position	Faculty Recommended by ICAR
03	Department of Genetics & Plant Breeding				
	Professor	1	0	1	1
	Assoc. Professor	1	0+4*	1	1
	Assistant Professor	2	0+5*	2	2
04	Department of Soil Science & Agriculture Chemistry				
	Professor	0	0	0	1
	Assoc. Professor	1	0+1*	1	2
	Assistant Professor	1	1+1*	0	4
05	Department of Extension Education and Communication				
	Professor	0	1*	0	1
	Assoc. Professor	1	0+2*	1	2
	Assistant Professor	1	1	0	4
06	Department of Plant Physiology, Biochemistry & Microbiology				
	Assistant Professor Microbiology	1	-	1	
	Plant Physiology	1	0+1*	1	
	Biochemistry	1	0+1*	1	
07	Department of Plant Pathology				
	Professor	-	-	-	1
	Assoc. Professor	1	1	0	1
	Assistant Professor	1	0+2*	1	2
08	Department of Entomology				
	Professor	0	0	0	1
	Assoc. Professor	1	0+1*	1	1
	Assistant Professor	1	0+1*	1	2
09	Department of Agricultural Economics				
	Assistant Professor	2	1	1	1
10	Department of Basic Science & Humanities				
	Assistant Professor Seed technology	1	0+1*	1	
	Food Science	1	0	1	
	Forestry	0	1*	0	
11	Department of Animal Science				
	Professor	0	0	0	
	Assoc. Professor	0	0+1*	0	
	Assistant Professor	0	0	0	
12	Department of Agriculture Engineering				
	Assistant Professor	1	0+1*	1	

* Faculty from Research and other units of AU, Kota engaged in Teaching

6.5.2.3 Credentials of the Faculty

S. No.	Name of Faculty	Higher Degree Obtained from	Experience (In years)	No. of Publications	PG Code
Department of Horticulture					
1.	Dr. M.C. Jain Professor & Dean	Ph.D., MPUAT, Udaipur	27	121	HORT(FS)-R-04-06
2.	Dr. Virendra Singh Professor	Ph.D., MPUAT, Udaipur	17	100	HORT(FS)-R-04-77
3.	Dr. B.L. Nagar Assoc. Professor	Ph.D., RAU Bikaner	18	50	HORT(FS)-R-02-42
4.	Dr. R.R. Meena Assoc. Professor	Ph. D., RAU, Bikaner	18	58	HORT(FS)-R-04-32
5.	Dr. Rakesh Yadav Asstt. Professor	Ph. D., MPUAT, Udaipur	05	15	HORT(FS)-R-03-104
Department of Agronomy					
6.	Dr. Pratap Singh Professor	Ph.D., MPUAT, Udaipur	27	96	AGRON-R-04-25
7.	Dr. Baldev Ram Assoc. Professor	Ph.D., RAU, Bikaner	18	96	AGRON-R-04-37
8.	Dr. Arjun Kr. Verma Assoc. Professor	Ph.D., MPUAT, Udaipur	18	81	AGRON-R-04-33
9.	Dr. B.S. Meena Assoc. Professor	Ph.D., MPUAT, Udaipur	18	107	AGRON-R-04-97
10.	Dr. K.M. Sharma Assoc. Professor	Ph.D., MPUAT, Udaipur	18	78	AGRON-R-04-107
11.	Dr. D.S. Meena Assoc. Professor	Ph.D., RAU, Bikaner	18	63	AGRON-R-04-96
12.	Dr. J.P. Tatarwal Assoc. Professor	Ph.D., IARI, New Delhi	16	85	AGRON-R-04-40
13.	Dr. R.S. Narolia Assoc. Professor	Ph.D., RAU, Bikaner	17	49	AGRON-R-04-98
14.	Dr. H.P. Meena Assoc. Professor	Ph.D., MPUAT, Udaipur	16	43	AGRON-R-04-120
15.	Dr. R.K. Bairwa Assoc. Professor	Ph.D., MPUAT, Udaipur	16	34	AGRON-R-02-103
16.	Dr. R.K. Meena Asstt. Professor	Ph.D., MPUAT, Udaipur	10	24	AGRON-R-04-101
17.	Dr. Chaman Jadon Asstt. Professor	Ph.D., MPUAT, Udaipur	05	100	AGRON-R-03-54
18.	Dr. S.L. Yadav Asstt. Professor	Ph.D., MPUAT, Udaipur	05	60	AGRON-R-03-106
19.	Dr. S.N. Meena Asstt. Professor	Ph.D., MPUAT, Udaipur	10	51	AGRON-R-02-95
20.	Dr. Versha Gupta Asstt. Professor	Ph.D., MPUAT, Udaipur	05	10	AGRON-R-02-88
21.	Dr. Rajesh Kumar Asstt. Professor	Ph.D., SKNAU, Jobner	05	52	AGRON-R-02-59

S. No.	Name of Faculty	Higher Degree Obtained from	Experience (In years)	No. of Publications	PG Code
Department of Genetics & Plant Breeding					
22.	Dr. S.C. Sharma Assoc. Professor	Ph.D., MPUAT, Udaipur	16	09	PBG-R-04-39
23.	Dr. N. R. Koli Assoc. Professor	Ph.D., RAU, Bikaner	16	65	PBG-R-04-38
24.	Dr. P.K.P. Meena Assoc. Professor	Ph.D., IARI, New Delhi	16	46	PBG-R-04-116
25.	Dr. Preeti Verma Assoc. Professor	Ph.D., HAU, Hisar	18	96	PBG-R-04-113
26.	Dr. Khajan Singh Asstt. Professor	Ph.D., SKRAU, Bikaner	05	16	PBG-R-02-64
27.	Dr. Manoj Kumar Asstt. Professor	Ph.D., SKRAU, Bikaner	05	32	PBG-R-03-109
28.	Dr. Sandhya Asstt. Professor	Ph.D., BHU, Varanasi	05	30	PBG-R-03-110
29.	Sh. Rajesh Kr Sharma Asstt. Professor	M.Sc., IARI, New Delhi	05	08	HORT (Veg)-02-76
30.	Dr. Bhuri Singh Asstt. Professor	Ph.D., SKRAU, Bikaner	05	08	PBG-R-03-124
31.	Sh. B.L. Meena Asstt. Professor	M.Sc., RAU Bikaner	10	14	PBG-R-02-53
Department of Soil Science & Agriculture Chemistry					
32.	Dr. Manoj Kr. Sharma Assoc. Professor	Ph.D., MPUAT, Udaipur	18	61	SS-R-04-27
33.	Dr. R. K. Yadav Asstt. Professor	Ph.D., IARI, New Delhi	05	58	SS-R-03-105
34.	Dr. Vinod Kr. Yadav Asstt. Professor	Ph.D., MPUAT, Udaipur	05	30	SS-R-03-111
Department of Agricultural Extension & Communication					
35.	Dr. M.C. Goyal Professor	Ph.D., MPUAT, Udaipur	27	110	EXTN-R-03-84
36.	Dr. B.L. Dhaka Assoc. Professor	Ph.D., RAU, Bikaner	18	96	EXTN-R-03-90
37.	Dr. K.C. Meena Assoc. Professor	Ph.D., IARI, New Delhi	18	125	EXTN-R-04-99
38.	Dr. Kirti Asstt. Professor	Ph.D., BHU, Varanasi	05	16	EXTN-R-02-81
Department of Plant Physiology & Biochemistry					
39.	Dr. Anil Gupta Asstt. Professor	Ph.D., AAU, Anand	05	21	PATH-R-02-67
40.	Miss Yamini Tak Asstt. Professor	M.Sc., PAU, Ludhiana	05	37	BIOCH-R-02-58

S. No.	Name of Faculty	Higher Degree Obtained from	Experience (In years)	No. of Publications	PG Code
Department of Plant Pathology					
41.	Dr. C.B. Meena Assoc. Professor	Ph.D., IARI, New Delhi	18	46	PATH-R-04-26
42.	Dr. D.L. Yadav Asstt. Professor	Ph.D., AAU, Anand	05	45	PATH-R-03-100
43.	Dr. Chirag Gautam Asstt. Professor	Ph.D., UAS, Bangalore	05	20	PATH-R-03-115
Department of Entomology					
44.	Dr. B.K. Patidar Assoc. Professor	Ph.D., MPUAT, Udaipur	16	22	ENT-R-04-112
45.	Dr. H.P. Meghwal Asstt. Professor	Ph.D., MPUAT, Udaipur	10	19	ENT-R-04-114
46.	Dr. L.K. Meena Asstt. Professor	Ph.D., BHU, Varanasi	05	93	AECON-R-03-102
Department of Live Stock Production & Management					
47.	Dr. G.S. Meena Assoc. Professor	Ph.D., NDRI, Karnal	17	58	-
Department of Agriculture Engineering					
48.	Dr. C.K. Arya Asstt. Professor	Ph.D., MPUAT, Udaipur	12	28	-
49.	Dr. Bhuvnesh Nagar Asstt. Professor	Ph.D., HANBGU, Garhwal (UK)	05	26	Forest (FPU) R-03-126

Awards and Honours of Faculty

S.No.	Name of Faculty	Honors & Awards (After Joining the Service)
1.	Dr. M.C. Jain,	Best Scientist Award by District Administration Upkar foundation excellence award Gold Medalist
2.	Dr. Virendra Singh,	Rashtriya Gaurav Award Best teacher award Best Taluka Nodal Scientist Award
3.	Dr. B.L. Nagar,	Young Scientist Award Best poster presentation Best oral paper presentation Best Horticulturist Award
4.	Dr. R.R. Meena	Award by district administration Best horticulturist award Shikshak Ratan award, New Delhi, 2016 State level award Halder times, Jaipur 2018
5.	Dr. Pratap Singh	Appreciation by AU, Kota Bharat Jyoti Purshakar Best Paper Poster presentation award PROM,
6.	Dr. Baldev Ram,	Best oral paper award, Best Teacher Award by AU Kota ICAR-IIPR, Kanpur Appreciation for Pulses Agronomical Technology AU, Kota Appreciation for dissemination of pulses technology

S.No.	Name of Faculty	Honors & Awards (After Joining the Service)
7.	Dr. Arjun Kumar Verma	Bharat Shiksha Ratan Award by Global Society for Education and Research, New Dehi on 06 October 2016. Appreciation award by AU, Kota on 26 January 2022 Oral Paper presented award in 3rd International Conference on Parthenium at IARI, N. Delhi (National) 2010
8.	Dr. B. S. Meena	Best Teacher Award by AU, Kota Award by District Administration
9.	Dr. K. M. Sharma	Team member of best KVK award
10.	Dr. J. P. Tetarwal	Dheeru Morarji Memorial Award for best by Fertilizer Association of India (FAI), New Delhi. Appreciation award by Agriculture University, Kota. Australia Awards Fellowship by Department of Foreign Affairs and Trade (Australian Government) at Adelaide, South Australia Best AICRP Awards by ICAR-IIFSR, Modipuram, Meerut Young Scientist Award
11.	Dr. R.S. Narolia	Best Researcher award 2019
12.	Dr. H.P. Meena	Appreciation by AU, Kota Best teacher award in international conference
13.	Dr. R.K. Meena	Young Scientist Award Appreciation Award
14.	Dr. Chaman Kumari Jadon	Appreciation by AU, Kota Agronomy Somani Book Award Best worker (female) Award by CECOEDECON, Jaipur Suman Jain Educational trust award
15.	Dr. S.L. Yadav	Young scientist award Best centre award from PC MULLaRP Best poster presentation award Appreciation award from HVC
16.	Dr. Versha Gupta	Appreciation by AU, Kota
17.	Dr. Preeti Verma	Appreciation by AU, Kota. University Gold Medal for M.Sc. (PBG) Silver Jubilee Gold medal for best Ph. D thesis Fellow-Indian Society of Seed Spices Fellow-Indian Society of Pulses Research & Development
18.	Dr. Khajan Singh	Best center award by ICAR Appreciation Award by AU, Kota
19.	Dr Manoj Kumar	Young Scientist Award
20.	Dr Sandhya	Young Scientist Award Appreciation Award by AU, Kota Appreciation Award by PC-Unit, ICAR-IIOR, Hyderabad
21.	Sh. B. L. Meena	Young scientist award
22.	Dr. M.K. Sharma	Teacher Excellency award Best Teacher Award at District level
23.	Dr. R.K. Yadav	Young Scientist Award Young Scientist Award, SVP Society Appreciation Award by AU, Kota

S.No.	Name of Faculty	Honors & Awards (After Joining the Service)
24.	Dr. V. K. Yadav	Appreciation Award from NCC
25.	Dr. K.C. Meena	Best KVK Scientist Award 2019 Young Scientist Award 2018
26.	Dr. Kirti	Ganga Singh Chauhan memorial Young scientist award Gold Medalist, Best Thesis Award
27.	Mrs Yamini Tak	Alumni cash award for research excellence in bio-chemistry Best article award, Article ID 32536 & ID 30533 in Agriculture and e newsletter 2020
28.	Dr. C.B. Meena	Best KVK Team Member Award by ICAR Gold Medalist Appreciation by AU Kota
29.	Dr. D.L. Yadav	Young Scientist Award Appreciation by AU, Kota
30.	Dr. Chirag Gautam	Reviewer Excellence Award by Agricultural Science Digest
31.	Dr. B.K. Patidar	Appreciation by AU, Kota
32.	Dr. H.P. Meghwal	Krishi Ratan Award 2023
33.	Dr. L.K. Meena	Academic Excellence Award Best Young Scientist National Award Outstanding Scientists in Agriculture Young Scientist Award in Agricultural Economics Best Oral Presentation Award Agri. University, Sabour
34.	Dr. G.S. Meena	Appreciation by Vice chancellor MPUAT Udaipur Appreciation by District collector Bundi Zonal Award by ICAR Appreciation by Vice chancellor AU Kota

6.5.2.4 Technical and Supporting Staff

S. No.	Designation	Sanctioned Strength	Staff in Place		Vacant Positions**
			COA	Research	
1.	Assistant Librarian	1	0	0	1
2.	TA/Farm Manager	1	0	7	1
3.	Agriculture Supervisor	2	1	5	1
4.	PA	1	1*	0	1
5.	Section Officer	1	1*	0	1
6.	UDC	1	1*	0	1
7.	LDC	3	1+2*	0	2
8.	Driver	1	0	0	1
9.	Pump Operator	1	1*	0	1
10.	Lab. Assistant	5	1+2*	0	4
11.	Lab Technician	1	1	0	0
12.	Library Assistant	1	1*	0	1
13.	Care Taker/Matron	1	1	0	0
14.	Peon	4	1+3*	1	3
	Total	24	6+12*	13	18

* working on contractual basis

**Recruitment on vacant positions is in process.

Proposed Recruitment on Non-teaching Post During 2022-23

LDC	Lib Assistant	Lab technician	Hostel care taker	Lab Assistant	Agri. Sup.	Lab. Attendant	Total
03	01	01	01	02	01	04	13

Department Wise Distribution of Technical & Supporting Staff

S. No.	Name of Department	Technical Staff	No.	Name of Employee with Designation
1.	Agronomy	Technical Assistant	02	Ms. Shushila Kalwaniya Sh. Vijay Ram Meena
		Agri. Supervisor	02	Sh. G.S. Malav Sh Kalim Mohamad
		Pump Operator	01	Contractual
2.	Genetics & Plant Breeding	Technical Assistant	02	Smt. Manju Meena Ms. Suman Yadav
		Agri. Supervisor	02	Sh. B.M. Sharma Ms. Meera
3.	Soil Science	Technical Assistant	01	Sh. Purshottam Bijarniya
		Agri. Supervisor	02	Sh. P.C. Nagar Sh. M.P. Sharma
		Lab. Attendant	01	Contractual
4.	Plant Pathology	Technical Assistant	01	Smt. Madhulata Bhaskar
		Lab. Attendant	01	Sh. Chhotu Lal
5.	Extension Education	Lab. Assistant	01	Sh. Mukesh Pankaj
		Lab. Attendant	01	Contractual
6.	Horticulture	Technical Assistant	01	Sh. Akhilesh Kumar Gupta
7.	Entomology & Plant Physiology	Lab. Technician	01	Dr. Praveen Chachaiya
		Lab. Attendant	01	Contractual

6.5.3 Learning Resources**6.5.3.1 College Library**

The library in college plays pivotal role in providing scientific and technical information to students and faculties. It serves as the best place for cultivating students' morals, the important front for improving students' scientific and cultural qualities, and the effective facilities for developing special technological education, serving as favourable conditions for promoting students' comprehensive qualities.

The library is located near the college building on the first floor of Phytosanitary laboratory operated in between 09.00 AM to 06.00 PM.. It is strengthened with modern furniture including comfortable cushioned sitting chairs, big reading tables, bookshelf, reception desk, newspaper reading dice and magazine display stands etc. along with a separate reading room. Regular books exhibitions are also organized by various book sellers. The capacity of the library and reading room is more than 50 students at a time.

The Staff Position of the Library

S. No.	Position	Sanctioned	Filled	Vacant	Remarks
1.	Assistant Librarian (I/c)	01	01**	01	Assistant Professor (I/C)
2.	Library Assistant	01	01*	01	On contractual basis
3.	Attendant	01	01*	01	On contractual basis

*Contractual ** Assistant Professor is assigned duties as library Incharge

Learning Resources Available in Library

S. No.	Resources	Strength
1.	Reference & text books	More than 3500
2.	Online e-journals	300
3.	Magazines/ Journal	109
4.	E-books	282
5.	Daily News-Paper	05
6.	Online Software	For preparation of JRF/SRF/NET & competitive exams
7.	Wi-Fi facility	Available (200 Mbps)

Theses Available in College Library

S. No.	Name of the Department	M.Sc.	Ph.D.	Total
1.	Agronomy	13	03	16
2.	Plant Breeding and Genetics	13	03	16
3.	Plant Pathology	11	-	11
4.	Soil Science and Agril. Chemistry	12	-	12
5.	Agricultural Extension Education	08	-	08
6.	Horticulture	09	-	09
7.	Entomology	07	-	07

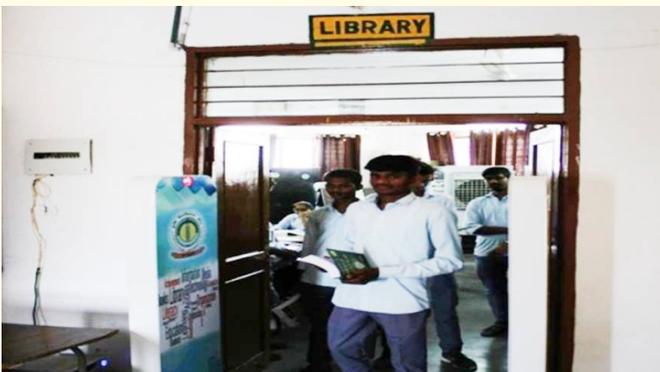


Book Exhibitions

Digitalization of Library

The college library is fully digitalized which helped in the access of books & journals to the students and staff for reference purposes

- Library is fully automated with RFID system, including anti-theft gate, staff station reader, book drop box, self-touch kiosk and hand-held reader for convenience of staff and students.
- The library is having arrangements for photocopying and printing for the benefit of both students and staff at nominal cost.
- Wi-Fi facility is available in the library premises by which the students and faculty may access e-resources.
- Online E-resources is also subscribed for students to access the knowledge about competitive examinations related to Agriculture and allied subjects including ARS, ICAR-JRF, SRF, NET etc.



Views of Library with Digital Resources

Application of ICT in Library

- College Library is fully automated with KOHA – Library Management software used for all operations. KOHA software for library management is implemented to automate the library activities.
- Library books are issued using bar code for faster and efficient time management of library staff.
- Internet- The library is provided with separate internet connectivity with speed of 200mbps.
- There is separate computer lab equipped with 20 computers with high-speed internet connection to caters the need of e-resources.
- Language lab is also established in library for better communication of students.



Computer & Language Laboratory

6.5.3.2 Laboratories, Instructional Farm, Workshops, Dairy Plant, Veterinary Clinic, Hatchery, Ponds etc.

Central Laboratory

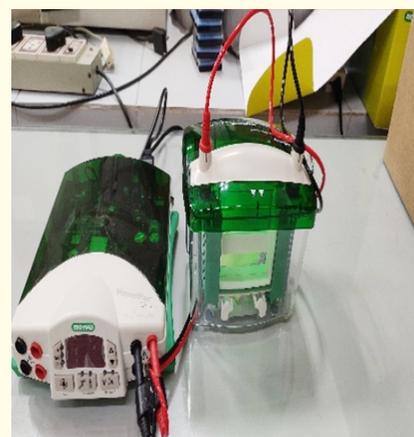
S. No.	Major Equipment/Instruments Available	Qty.
1.	Vertical & Horizontal Gel-electrophoresis	01 each
2.	Hot Air Oven, Hot water bath, Orbital Shaker & Magnetic Stirrer	01 each
3.	Spectro photometer, Centrifuge, Soxhlet Apparatus & Ice-Flaker	01 each
4.	Gradient PCR, Trans illuminator & Leaf area meter	01 each
5.	Digital pH meter, Soil Thermometer, TDS meter, Flame photometer Digital Balance & Moisture meter	01 each
6.	Plant growth chamber, Seed germinator & BOD incubator	01 each
7.	Clevenger Apparatus, Rectangular Muffle Furnace & Heating Plate	01 each



Hot Air Oven



Refrigerated Centrifuge



Gel Electrophoresis



UV Trans-illuminator



Horizontal Gel-electrophoresis



Centrifuse



Gradient PCR



Ice Flaker



Leaf Area Meter



Students Working in Central Laboratory

Agronomy Laboratory

S. No.	Name of Equipments	Quantity
1.	Hot air Oven-Tempstar KL103	1
2.	Digital pocket refractometer	1
3.	Tensiometer standard	1
4.	Soil Moisture Indicator	1
5.	Orbital shaker with lotus clamp Rivotek	1
6.	Digital P ^H meter with electrode-335	1
7.	Digital Conductivity meter with cell	1
8.	Digital Balance	1
9.	Mixer Grinder	1
10.	Magnetic Stirrer with hot plate	1
11.	Sprayer machine PVC	05
12.	Spade with handle and Tagari iron	30 set
13.	Khurpi and Darati iron	20 set
14.	Hand Hoe iron	20
15.	Measuring tap 50 meter	05
16.	Kudali and rake	30

Horticulture Laboratory

S. No	Name of Equipments	Quantity
1.	Digital Fruit Penetrometer	1
2.	Refrigrator	1
3.	Microwave oven	1
4.	Polyethene packing machine	1
5.	Brush Cutter	1
6.	Basket Press juicer	1
7.	Lopping shears/ Hedge shears/ Pruning saw	3
8.	Digital Pocket refractometer	02
9.	Digital Laboratory balance	03
10.	Digital vernier calliper	03
11.	Juicer/mixer/grinder machine	02
12.	Secateurs & Garden tool kit	30
13.	LPG connection with two commercial cylinder, stove	1
14.	Transplanting trowel	25
15.	Hand sealer polythine packing machine	1
16.	Knapsack sprayer	05
17.	Tree Pruner & Watering cans Garden rakes	sufficient

Plant Pathology Laboratory

S. No.	Name of Equipments	Quantity
1.	Student Microscope	25
2.	Trinocular compound microscope	02
3.	Stereozoom microscope	02
4.	Hot Air Oven	02
5.	Laminar Air Flow Cabinet	02
6.	BOD incubator	02
7.	Incubator shaker	1
8.	Autoclave vertical	02
9.	PH Meter &	1
10.	Precision balance	1
11.	Pipettes	1 set
12.	Refrigerator	03
13.	Induction Stove	1
14.	Mixer Grinder	1
15.	Deep Freezer	01
16.	Orbital Shaking Incubator	01
17.	Fermenter	01
18.	Florescence Microscopy	01
19.	Packing & sealing machine	01

Genetics and Plant Breeding Laboratory

S. No.	Name of Equipments	Quantity
1.	Seed Analyzer	1
2.	Seed Germinator	1
3.	Top pan balance capacity 10 kg.	1
4.	Spring balance capacity 20 kg	1
5.	Electric weighing machines 5-20 kg	3
6.	Digital Vernier caliper	1
7.	Binocular Research Microscope	4
8.	Digital Bricks Meter	1
9.	Laboratory oven	1
10.	Bagging Machine	1
11.	AC godown with modern seed storage facilities	1
12.	Automatic Seed Processing Unit	1
13.	Seed Cabinet	1
14.	Refrigerator	1
15.	Cane juice Extractor	1
14.	Moisture meter	1

Soil Science and Agriculture Chemistry Laboratory

S. No.	Name of Equipments	Quantity
1.	Atomic Absorption Spectrophotometer (AAS)	1
2.	UV-Vis Spectrophotometer	2
3.	pH meter	2
4.	Electrical Conductivity meter (EC)	2
5.	Flam Photometer	2
6.	Hot air oven	2
7.	Digital electronic balance	3
8.	Orbital Shaker Incubator	1
9.	Nitrogen analyzer	1
10.	Ion analyser	1
11.	Refrigerator	1
12.	Microwave oven	1
13.	B.D. Apparatus	1
14.	Shaker Horizontal	2
15.	Heating Mantle	2
16.	Hot plate (double round)	1
17.	Distillation Assembly	2
18.	Vacuum desiccator	1
19.	Magnetic stirrer with hot plate	1
20.	Core sampler	1
21.	Soil Auger	2
22.	Hydrometer	3
23.	Mixer Grinder / Heat convector	1

Extension Education and Communication Laboratory

S. No.	Name of Equipments	Quantity
1.	LCD projector	1
2.	Digital Podium	1
3.	Camera (SLR) with zoom, wide-angle, tele-photo lens	2
4.	Computers (workstation) with editing software	3
5.	Video camera with tripod, lighting accessories and editing facility	1
6.	Digital voice recorders	5
7.	Audio recording-mixing consoles	2
8.	Computation software for statistics	1
9.	Display Boards	10

Entomology Laboratory

S. No.	Name of Items	Quantity
1.	Insect collection Box Wooden	86
2.	Insect Stretching Board (Adjustable)	18
3.	Insect Collecting Net with Iron Handle	20
4.	Insect Dissecting Kit	02
5.	Insect Dissecting Tray	03
6.	Insect Display Showcase	05
7.	Insect Display Showcase wooden	06
8.	Laboratory weighing Balance	01
9.	Compound Microscope	01
10.	Hive Tool	04
11.	Smoker & Feeder	02
12.	Insect Killing Jar	41
13.	Bee Well	06
14.	Pollan Trap	02
15.	Queen Gate & Queen Cage	11
16.	Mini Super & Queen Excluser	01

Instructional Farm:

The college instructional farm is having 39.75 ha total area out of which 30.0 ha is under cultivation. It is fully irrigated with tube wells and canals. The instructional farm is used for practical of students, research, orchard development and quality seed production. The details of the assets and seed produced is as under:

S. No.	Name of Items	Quantity
1.	Total Land area available	39.75 ha
	❖ Cultivated & irrigated area	30.00 ha
2.	Machineries and implements	
	❖ Tractors with trolley	2
	❖ Seed drill & Harrow	2 each
	❖ Rotavator	1
	❖ Cultivator	2
	❖ Submersible Pump	5
	❖ Centrifugal Water pump	1
	❖ Water tanker	1
	❖ Bund former & MB Plough	1 each
	❖ Power sprayer	1
3.	Tube well	2



Tractors



Power Sprayer



Seed Drill



Harrow



Water Tanker

Seed Production

Seed Production	Major Crops
Average 700.0 quintals Seeds is produced per year	Rabi : Wheat & Mustard Kharif : Soybean & Urdbean

Protected Structure & Seedling Production

One polyhouse of size 1000 sqm. is available with the college for students practicals and research work.

Crop	Qty.
Seedling of Tomato, Brinjal, Chilli etc.	Average 15000 Seedlings per year
Seed production of bottle guard (P. Naveen)	22kg
Commercial Production of Tomato, Cucumber etc.	30 qtls. per year



Glimpses of Practical Classes of Students in Polyhouse

6.5.3.3 Student Ready/ In-Plant Training/ Internship/ Experiential Learning Programme

The student READY Programme (RAWE & AIA and EL Programme) is implemented at this college for the B.Sc. (Hons.) Ag. final year students as per details given below in consonance with the recommendations of ICAR Fifth Deans' committee

S. No.	Components	Semester	Activities Undertaken	Duration	Credit
1.	Rural Awareness Works Experience (RAWE) and Agro-Industrial Attachment (AIA)	VII	General orientation & On campus training by different faculties	1 week	0+20
			Village attachment/ Unit attachment in KVK	13 weeks	
			Plant clinic	2 weeks	
			Agro-Industrial Attachment	3 weeks	
			Project report preparation, presentation and evaluation	1 week	
2.	Experiential Learning Programme (ELP)	VIII	Experiential Learning Module I	10 weeks	(0+10)
			Experiential Learning Module II	10 weeks	(0+10)

Details of Experiential Learning Units Established & Functional at the College for Student READY Programme

S. No.	Name of EL Unit	Year wise No. of students allotted			
		2021-22		2022-23	
		EL-I	EL-II	EL-I	EL-II
1.	Production Technology for Bioagents & Biofertilizer	12	12	11	09
2.	Organic Production Technology	13	17	11	12
3.	Seed Production Technology	10	10	12	11
4.	Soil, Plant, Water and Seed Testing	07	09	10	10
5.	Commercial Beekeeping	15	-	12	11
6.	Food Processing	-	07	10	13
Total		57	55	66	66



Production Technology for Bioagents & Biofertilizer



Soil, Plant, Water and Seed Testing



Seed Production Technology



Organic Production Technology



Food Processing



Commercial Beekeeping

6.5.3.4 Curricula Delivery Through IT

The College is having the following ICT based facilities to meet the current requirement of the students regarding the curricula delivery.

(A) Common ICT Facility

- Technology-enhanced learning Smart class room facility is available in three classrooms that enhances the quality of teaching and learning which is integrated with the digital displays, computer, whiteboards and other audio/visual components that make lectures easier, engaging, and more interactive.
- Uninterrupted high speed internet connectivity with wi-fi facility is available in the college as well as hostels for providing easy access to online resources on the internet which enhances the exposure of students on different topics and also specifically to students involved in research.
- Two separate seminar halls are equipped with LCD projectors, smart podium, interactive white boards or smart boards, Television, which help students to learn their lessons in a smart approach ensures enhanced interactive Learning Experience that has increased productivity.
- College is having computer lab with good quality internet connected 20 computers and peripherals to offer students with quality education by helping them to understand concepts better, improve their reading and comprehension skills, and achieve academic excellence.

Online Teaching & Examination

- Live online lectures through live video classes through (Zoom, MS Team, Google Meet, Webex etc.)
- Notes and other study material shared through Google classrooms, WhatsApp, E-mail etc.
- Online discussion forums for students were organized through (Zoom, MS Team, Google Meet, etc.)
- E-courses from ICAR and other sources are put on website for students and teachers.
- Organization of meeting, seminar, meeting of courses committee through MS team
- Comprehensive, credit seminars, thesis viva voce were conducted online through Microsoft team, Google meet, Zoom, Stream yard app.

Classrooms Information of the College

S. No.	No. of Classrooms	Class	Seating Capacity
1.	03 Smart classrooms	UG	70 in each
2.	06	PG & Ph.D.	15 in each



6.5.4. Student Development

6.5.4. 1 Student Intake and Attrition

Degree Programme	Academic Year	Intake	Admitted	Attrition	Attrition %
B.Sc. (Hons.) Agriculture	2018-19	60	60	06	10.00
	2019-20	70	70	04	5.71
	2020-21	66	66	06	9.09
	2021-22	66	66	08	12.12
	2022-23	65	65	11	16.92
M.Sc. (Ag.)					
Agronomy	2018-19	5	5	1	20
	2019-20	5	5	0	0
	2020-21	5	5	1	20
	2021-22	5	5	4	80
	2022-23	6	6	0	0
Genetics & Plant Breeding	2018-19	5	5	0	0
	2019-20	5	5	0	0
	2020-21	5	5	1	20
	2021-22	5	5	0	0
	2022-23	6	6	0	0
Plant Pathology	2018-19	4	4	0	0
	2019-20	4	4	0	0
	2020-21	4	4	1	25
	2021-22	4	4	1	25
	2022-23	4	4	0	0
Soil Science	2018-19	4	4	0	0
	2019-20	4	4	0	0
	2020-21	4	4	0	0
	2021-22	4	4	1	25
	2022-23	4	4	0	0

Degree Programme	Academic Year	Intake	Admitted	Attrition	Attrition %
Agricultural Extension Education	2019-20	4	4	0	0
	2020-21	4	4	0	0
	2021-22	4	4	1	25
	2022-23	4	4	0	0
Horticulture	2018-19	4	4	0	0
	2019-20	4	4	0	0
	2020-21	4	4	0	0
	2021-22	4	4	1	25
Entomology	2018-19	4	3	1	25
	2019-20	4	4	0	0
Ph.D.					
Agronomy	2018-19	2	2	0	0
	2019-20	2	2	1	50
	2020-21	2	2	1	50
	2021-22	2	2	1	50
	2022-23	4	4	0	0
Genetics & Plant Breeding	2018-19	2	2+1*	0	0
	2019-20	2	2+1*	1	50
	2020-21	2	2	0	0
	2021-22	2	2	0	0
	2022-23	3	3	0	0

* Inservice candidate

Passed out Students: College was started in 2018 and the details of UG/PG passed out students are as under.

S. No.	Degree Programme	Passed out Students	Present Status			
			Govt. Job	Private Job	Higher Education	Preparing for Competitive Exams
1.	B.Sc. (Hons.) Agriculture	54	06	03	22	23
2.	M.Sc. (Agri.) Agronomy	13	02	01	08	02
3.	M.Sc. (Agri.) Plant Breeding and Genetics	13	05	-	05	03
4.	M.Sc. (Agri.) Plant Pathology	11	05	01	03	02
5.	M.Sc. (Agri.) Soil Science and Agriculture Chemistry	12	03	04	02	03
6.	M.Sc. (Agri.) Entomology	07	-	-	04	03
7.	M.Sc. (Agri.) Horticulture	09	02	-	05	02
8.	M.Sc. (Agri.) Agricultural Extension Education	08	02	-	03	03
9.	Ph.D. Agronomy	03	01	01	-	01
10.	Ph. D. Plant Breeding and Genetics	03	01	-	-	02
Total		133	27	10	52	44

Students Retention Data

Year/ Degree	Admitted	Dropped	Appeared in Final Examination
B.Sc. (Hons.) Agriculture			
2018-19	60	6	54
2019-20	70	4	66
2020-21	66	6	60
2021-22	66	8	58
2022-23	65	11	54
M.Sc. (Ag.)			
2018-19	26	2	24
2019-20	30	0	30
2020-21	26	3	23
2021-22	26	8	18
2022-23	24	0	24
Ph.D.			
2018-19	5	-	5
2019-20	5	1	4
2020-21	4	1	3
2021-22	4	1	3
2022-23	7	0	7

6.5.4.2. Average Number of Students in Theory and Practical Classes

Degree	Theory Batch	Practical Batch	
		A	B
B.Sc. (Hons.) Ag.	66	33	33
M.Sc. (Agri.)	05	05	-
Ph.D.	04	04	-

6.5.4.3 Admission Process and Intake capacity

Academic Programme	Mode
B.Sc. (Hons.) Agriculture	The admission to B.Sc. (Hons.) Agriculture is made through the State Level Joint Entrance Test conducted for SAU's of Rajasthan
M.Sc. (Agri.) and Ph.D. Programme	The admissions to M.Sc. / Ph.D. are made through the state level Pre -PG/Ph.D. Entrance Test

The seat matrix of UG and PG degree programs at this college for the academic year 2022-23 is given as under:

Name of Degree Programme	Intake
B.Sc. (Hons) Agriculture	65
M.Sc. (Agri.)	
Agronomy	6
Genetics and Plant Breeding	6
Plant Pathology	4
Soil Science	4
Agricultural Extension Education	4
Ph. D.	
Agronomy	4
Genetics and Plant Breeding	3

Fees collection Mechanism

Fees is collected through online mode including Google Pay, Paytm, Phone Pay etc.

Registration Procedure

Students can register themselves during the schedule period by filling registration form and schedule card duly approved by his/her advisor. Further, physical presence of the student is compulsory at the time of registration.

Academic Schedule

Academic schedule and class time-table is issued by the college well in advance before registration and commencement of the classes.

6.5.4.4. Conduct of Practical's and Hands – On Training

With a view to realize the student's applicability of the concepts taught in the theory classes, practical classes are conducted. To acquire essential skills, understand the process of scientific investigation and to probe the deeper layers of scientific concepts, students are engaged in practical sessions. Students are taught both basic and applied techniques to meet the demands of the agriculture profession.

With this objective, practical classes are conducted both in laboratory and at instructional farm. Based on the requirements of clear understanding of the concepts, students are guided to conduct objective based practical classes. Students are grouped into 4-5 members for proper monitoring and clear experiences in the practical classes. Each group has to conduct the experiments under the supervision of instructors. Results of the experiments are displayed on the board and discussed before the conclusion is drawn. Methods and aims of conducting practical classes may be summed up as follows:

- Groups of 4-5 students are made for easy monitoring and to provide opportunity for close observations.
- Each batch is allotted with a specific topic to conduct experiment and record the observations.
- Course teacher instructs each batch and closely monitors progress.
- Exposure visits to well established laboratories/fields are also organized.
- Field visits to breeding blocks, progressive farmers, research institutes, agriculture universities, etc. are conducted for further exposure.
- Hands on training on propagation techniques (grafting, budding, layering and cuttings etc.) are demonstrated and made to practice.
- Individual student is encouraged to collect and present insect and disease specimen.
- Hands on training on handling of laboratory equipment's, learning methods for estimation of nutrients, soil and plant elements, growth regulators etc. are held.
- Practical participation of each student is evaluated on the basis of their method of conducting experiments and ability to interpret the results.
- Practical exposure of the students is also made on food processing, organic production technologies, seed production technology, bio-agents production, commercial bee-keeping, soil and water testing.



Students Conducting Practicals in Laboratories



Students Conducting Practicals in Fields

6.5.4.5 Examination and Evaluation Process

External evaluation system of students is existing in this college. Evaluation of student's performance is made separately for each course and is referred to grading and measured by the quality of the student's performance in that course. The Cumulative Grade Point Average (CGPA) / Overall Grade Point Average (OGPA) is the basis to determine whether a student meets the academic requirements during the course of study for award of degree to which student admitted. Each course will carry a maximum of 100 marks for the purpose of grading (50 marks for internal exam including 20 marks for midterm and 30 marks for practical + 50 marks for external theory exam). In evaluating the student performance, the following points are considered.

(i) Regular Attendance

For appearing in the final examination, minimum attendance requirement is 75 per cent in each course separately in theory and practical. However, in NCC/NSS the attendance requirement is 65 per cent.

(ii) Midterm Examination

A midterm examination of 20 marks is conducted after completion of about 50 per cent syllabus in each course. The duration of the mid-term theory examination is of one hour.

(iii) Final Practical Examination

The practical examination of 30 marks is conducted at the end of the semester. The final practical examination is conducted internally by appointing one external examiner from the concern subject. The practical examination is of 3 hours duration.

(iv) Final Theory External Examination**B.Sc. (Hons.) Ag.**

The entire course content is covered for this examination. The duration of the final theory examination is of two and half hours and the maximum marks are 50. The final theory examination is conducted by the university and question papers prepared and evaluated by the external teachers.

M.Sc. (Agri.)

The entire course content is covered for this examination. The duration of the final theory examination is Two hours and the maximum marks are 50. The final theory examination of core courses is conducted externally while non-core courses are evaluated by internal examiners.

Total marks are allotted as detailed below:

S. No	Particulars	Marks
1	Midterm examination	20
2	Practical	30
3	Final theory examination	50
4	Minimum passing Marks	40 per cent

(v) Scheme of Examination**For Undergraduate**

S. No.	Credit Hrs.	Marks of Theory				Marks of Practical				Total Th.+ Pr.
		Mid Term	Final	Total	Passing Marks (40%)	Mid Term	Final	Total	Passing Marks (40%)	
1.	1+1, 2+1, 3+1	20	50	70	28	-	30	30	12	100
2.	0+1, 0+2/ 0+3/ 0+4	-	-	-	-	20	80	100	40	100
3.	1+0, 2+0/ 3+0/ 4+0/	20	80	100	40	-	-	-	-	100
4.	1+2, 1+3, 1+4	-	30	30	12	20	50	70	28	100

MT = Mid-Term, Th.=Theory, Pr.= Practical

For M.Sc.

S. No.	Credit Hrs.	Marks of Theory				Marks of Practical				Total Th.+ Pr.
		Mid Term	Final	Total	Passing Marks (60%)	Mid Term	Final	Total	Passing Marks (60%)	
1.	1+1, 2+1, 3+1	5+15	50	70	42	-	30	30	18	100
2.	0+1, 0+2/0+3/0+4	-	-	-	-	5+15	80	100	60	100
3.	1+0, 2+0/3+0/4+0	5+15	80	100	60	-	-	-	-	100
4.	1+2, 1+3, 1+4	-	30	30	18	5+15	50	70	42	100

For Ph.D.

S. No.	Credit Hrs.	Theory Marks	Practical Marks	Total
1.	1+1, 2+1, 3+1	70	30	100
2.	0+1, 0+2/0+3/0+4	-	100	100
3.	1+0, 2+0/3+0/4+0	100	-	100
4.	1+2, 1+3, 1+4	30	70	100

Requirement for M.Sc./Ph.D. Degree Programme : A student admitted to a post-graduate programme shall have to successfully complete the followings before award of a degree.

Title	Approved Credit Load for Award of Degree	
	M.Sc.	Ph.D.
Major Courses	20 (12 as core courses)	12 (6 as core courses)
Minor Courses	08	06
Supporting Courses	06	05
Common Courses	05	-
Seminar	01	02
Preliminary	-	NC
Research (Graded as Satisfactory)	30	75
Total	70	100
Other Academic Requirements		
An approved course programme	Yes	Yes
Synopsis seminar and its approval	Yes	Yes
Pre-thesis seminar	Yes	Yes
Anti-Plagiarism certificate	Yes	Yes
Submission of thesis to external expert and its evaluation report	Yes (One external expert)	Yes (Two external expert)
Thesis viva-voce examination	Yes (internal)	Yes (external)
Minimum residential requirement	Four Semesters	Six Semesters
Maximum Semesters allowed	10 Semester	14 Semester
Minimum passing marks in a subject	6.0	6.0
Minimum OGPA requirement for a degree	6.5	6.5

Promotion to the Higher Class

A student is promoted to higher classes if he/she secures an OGPA as mentioned in the table below in 10 point scale

Undergraduate

Year to which Promotion is being Considered	Minimum OGPA Required for Promotion
2 nd Year	4.00 OGPA
3 rd Year	4.50 OGPA
4 th Year	4.75 OGPA

Postgraduate

Year to which Promotion is being Considered	Minimum OGPA Required for Promotion
2 nd Year	6.0 OGPA
Final year	6.5 OGPA

6.5.4.6. NSS/NCC Unit

6.5.4.6.1 National Service Scheme (NSS)

National Service Scheme (NSS) is an important student's activity playing a crucial role in personality development and building social responsibilities among students. The NSS unit funded by state Govt. is operating at the college. The NSS is offered as a non-credit compulsory course from 1st to 4th semester of UG degree programme. NSS activities are monitored by Programme Officer. The Unit has regular activities including Special camp activities. The special camp is conducted in a adopted village, where students camp is organized for one week to undertake various personality development and social orientation activities. The activities range from basic health and hygiene awareness programmes to agriculture production & processing the details of major activities are as under

Details of Events Organized under NSS Unit

S. No.	Name of Activities	Date
Year 2018-19		
1.	Plantation Programme	27 th July, 2018
2.	Teachers Day	05 th Sept., 2018
3.	Hindi Diwas	14 th Sept., 2018
4.	NSS Day	24 th Sept., 2018
5.	Gandhi Jayanti	02 nd Oct., 2018
6.	Constitution Day (Sanvidhan Divas)	26 th Nov., 2018
7.	special camp	25-31 Jan., 2019
8.	Youth parliament	28 th Jan., 2019
9.	International Women's Day	08 th March, 2019
10.	World Health Day	07 th April, 2019
11.	World No tobacco day	31 st May, 2019
12.	World Environment Day	05 th June, 2019
13.	International Yoga Day	21 st June, 2019

S. No.	Name of Activities	Date
Year 2019-20		
1.	Plantation Programme	15 th July & 12 Aug., 2019
2.	NSS Day	24 th Sept., 2019
3.	Gandhi Jayanti Sawchchhata Hi Sewa Hai	02 nd Oct., 2019
4.	Constitution Day (Sanvidhan Divas)	26 th Nov., 2019
5.	Beti Bachao Beti Padao	24 th Jan., 2020
6.	Special camp	25-31 Jan., 2020
7.	Sawchchhata Pakhwara	25-30 Jan., 2020
8.	International Women's Day	08 th March, 2019
9.	World No tobacco day	31 st May, 2019
10.	World Environment Day	05 th June, 2019
11.	International Yoga Day	21 st June, 2019
12.	Agriculture Education Day (online)	3 rd Dec., 2020
Year 2020-21		
Due to covid no physical activities were carried out by NSS unit		
Year 2021-22		
1.	Agricultural Education Day	3 rd Dec., 2021
2.	Special Camp	06-12 th Jan., 2022
3.	Blood Donation Camp	07 th Jan., 2022
4.	Corona Vaccination Camp	08 th Jan., 2022
5.	National Youth Day	12 th Jan., 2022
6.	National Pledge Ceremony	25 th Jan., 2022
7.	International Women's Day	08 th March, 2022
8.	Shahid Divas	23 rd March, 2022
Year 2022-23		
1.	Student Union Election	26 th Aug., 2022
2.	International Literacy Day	08 th Sept. 2022
3.	Self Defence Camp	12-17 th Sept., 2022
4.	Hindi Diwas	14 th Sept., 2022
5.	NSS Day	24 th Sept., 2022
6.	Student Orientation Day	29 th Sept., 2022
7.	Gandhi Jayanti	02 nd Oct., 2022
8.	Self Defence Training	25 th Nov., 2022
9.	Agriculture Education Day	03 rd Dec., 2022
10.	World Soil Day	05 th Dec., 2022
11.	National Youth Day (Swami Vivekanand Jayanti)	12 th Jan., 2023
12.	National Youth Parliament Festival 2023	27 th Jan., 2023
13.	Special Lecture Deliver	06 th Feb., 2023
14.	Interaction Programme with COE, ICAR	24 th Feb., 2023
15.	National Science Day	28 th Feb., 2023
16.	Kulpati-Vidhyarthi Samwad	23 rd March, 2023
17.	Special Camp	22-28 th March, 2023
18.	World Meteorology Day	23 rd March, 2023
19.	International Days of Unborn child	25 th March, 2023
20.	Blood Donation Camp	27 th March, 2023
21.	Health Camp	27 th March, 2023
22.	Kulpati-Vidhyarthi Samwad	29 th March, 2023



Hindi Divas 2018



District Youth Parliament 2019



NSS Special Camp 2019



Swachhhata Awareness Programme 2019



Agriculture Education Day 2019



Agriculture Education Day 2020 (online)



Agriculture Education Day 2021



Agriculture Education Day 2022



Glimpses of NSS Special Camp Activities

6.5.4.6.2 National Cadet Corps (NCC)

A NCC unit consisting of 54 senior division cadets is sanctioned to this college funded by Government under 14 Raj. Battalion NCC (Ministry of defence). The activities undertaken by NCC unit are summarized below:

S. No.	Date	Name of Activities
1.	30.09.2022	Enrolment of NCC cadets for session 2022-23 on the basis of physical and written test by NCC officers
2.	14.10.2022	Swachhta Bharat Rally (Under Punit Sagar Abhiyan) organized at Khera Rashoolpur village.
3.	24.11.2022	Punit Sagar Abhiyan rally for river and pond cleanness awareness
4.	27.11.2022	Blood Donation camp on the occasion of NCC Day at MBS Hospital, Kota
5.	25.12.2022	Awareness rally for use of hand made paper bag under Punit Sagar Abhiyan at Dhakerkheri village
6.	26.01.2023	Republic day parade
7.	23.02.2023	Amrit yatra Kartvaya path multimedia photo exhibition by Communication and Broadcasting Ministry organized at Umrao Mal Purohit exhibition hall western central railway Kota junction
8.	13.03.2023	NCC cadets performed various duties on sixth convocation
9.	11.04.2023	Firing practice camp was organized at Kota firing range with 0.22 Rifle



Glimpses of NCC Activities

6.5.4.6. Language Laboratory

A language lab is also established at the college to groom the students by enhancing communication skills and vocabulary for overall development of students.

6.5.4.8. Cultural Centre

Cultural centre is developed by providing various musical instruments viz. Harmonium, tambour, Manjira, tabor, Flute, speaker, etc. at this college to supplement the **student's participation in cultural activities.**



Language Laboratory



Cultural Centre

6.5.4.9. Personality Development Programme Organized

Personality development programmes are aimed to increased holistic development of the students.

Training Programmes

Following personality development trainings were conducted for students of this college

S. No.	Title of Programme	Duration	Participants
1.	Express to impress: Smart ways for improving communication skills	27-28 Feb., 2023	42
2.	Empowering Agri Youths through Agripreneurship: Ideation to Implementation	10-11 March., 2023	30
3.	Transforming Agri Youths to Professionals of 21 st Century	17-18 March., 2023	45

Hon'ble Vice Chancellor-Students Interaction :

HVC student interaction were organized as per details given below for directly mentoring, counselling and guiding the PG students by Dr. A.K. Vyas, Hon'ble Vice Chancellor.

S. No.	Title of Programme	Duration	Participants
1.	Kulpati-Vidhyarthi Sanwad	22 March 2023	54
2.	Kulpati-Vidhyarthi Sanwad	29 March 2023	33



Glimpses of Programmes

Yoga Camps Organized

S.No.	Date	No. of Participants
1.	21 June, 2019	40
2.	02 - 06 March, 2020	97
3.	21 June, 2022	110



Mere Sapno Ka Bharat

During the Amrit Mahotsav of Independence, on May 05, 2022, under the joint aegis of College and Prasar Bharti, All India Radio, Kota, a youth-oriented program on the theme “Mere Sapno Ka Bharat” was organized. In this interactive programme, 27 students expressed their views on self-reliant India and youth responsibility. In this programme student Mohit of the college awarded first at AIR, station Kota.



Organization of “Mere Sapno ka Bharat” Programme by AIR, Kota

Educational Tour

Following educational tours were conducted for the students to expose them for various research and developmental activities carried out at different institutions of India for better understanding as per details given below:

S. No.	Duration	Places Visited	No. of Students Participated
1.	18-24 December, 2019	Various institutes of Rajasthan, Madhya Pradesh and Gujarat	18
2.	23-26 March, 2022	NRCSS Ajmer, CIAH Bikaner, CAZRI & AFRI Jodhpur etc.	52
3.	29 March-04 April, 2023	Various Institutes of Rajasthan, Haryana, Punjab, Chandigarh, Himachal Pradesh etc.	50



Educational Tour 2019



Educational Tour 2022



Educational Tour 2023

Cultural Activities

College is organizing cultural weeks for the overall development of the students including activities such as Light vocal, Patriotic song, Group song, On the spot painting, Collage, Poster making, Clay modelling, Cartooning, Rangoli, Quiz, Elocution, Debate, Extempore, One act play, Skit, Mime, Mono acting, Group & solo dances etc.

Event Organized

S. No.	Activity	Date	Place
1.	Participation of students in 19 th All India Inter Agri-Unifest	03-07 Feb., 2019	SDAU, Dantiwada, Guj.
2.	Participation of students in 20 th All India Inter Agri-Unifest	08-12 Feb., 2020	IGKV, Raipur Chhattisgarh
3.	Participation of students in 21 st All India Inter Agri-Unifest	13-17 March, 2023	UAS, Bangalore
4.	Student Union Election 2018-19	27-28 Aug., 2019	COA, Kota
5.	Student Union Election 2022-23	26-27 Aug., 2022	COA, Kota
6.	Annual Function 2021-22	27 April, 2022	AU, Kota
7.	Annual Function 2022-23	27 April, 2023	COA, Kota
8.	Cultural Week	18-20 Sept., 2019	COA, Kota
9.	Cultural Week	02-03 Nov., 2022	COA, Kota



Glimpses of Cultural Activities

Invited Lectures

S. No.	Resource Person	Title of Lecture	Date	No. of Participants
1.	Dr. B.C. Badhal, Additional Director, RIPA, Jaipur	Art and Science of Happy and Successful Life	18.03.2019	70
2.	Dr. Gyan Chand Motwani, Director Administration, Skyline Institute of Engineering, Jaipur	Self-analysis, Planning and Prioritization of the Student Strength	05.04.2019	62
3.	Dr. Ramswaroop Meena, BHU, Varanasi	Possibilities of Research and Education in Agriculture	27.01.2020	113
4.	Dr. Deepa Hansraj Dwivedi, BSBR Ambedkar University, Lucknow	Skill Development: Essential for Entrepreneurship in Horticulture	29.01.2020	95
5.	Dr. Mehul G. Thakkar, NAU, Navsari	Personal Effectiveness Through Self-Management	03.02.2020	110
6.	Er. M. S. Acharya, Ex. Dean, CH&F, Jhalawar	Organic farming: A Source of Entrepreneurship	10.02.2020	92
7.	Dr. P.K. Gupta, Ex. Director Res., AU, Kota	Techniques of Plant & Soil analysis	13.02.2020	73
8.	Dr. L. K. Dashora, Ex. Dean, CH&F, Jhalawar	Hi-tech Horticulture Practices	15.02.2020	79
9.	Dr. Deepak Swami, School of Engineering, IIT, Mandi	Mathematical Applications in Agriculture	13.03.2020	32
10.	Bhakti Ashray Swami Maharaj, ISKON	Stress Management	10.01.2022	120
11.	Dr. Jagan Singh Gora, Scientist (Horticulture) Fruit Science, ICAR-CIAH, Bikaner	Advances Research in Fruits Especially on Citrus Crops	14.03.2022,	109
12.	Dr. Hanuman Ram, Scientist (Horticulture) Vegetable Science, ICAR-CIAH, Bikaner	Advances & Research in Vegetables in Special Reference to Cucurbits	14.03.2022,	82
13.	Dr R K Rai, ex HOD (Agronomy) IARI, New Delhi	Personality Development of Students	06.02.2023	90
14.	Dr. S.R. Sharma, COE, ICAR-New, Delhi	ICAR based Competitive Examinations	24.02.2023	102
15.	Dr. B.C. Badhal, Additional Director Administration, State Insurance & GPF, Jaipur	How to Live Thriving Life	17.03.2023	95
16.	Dr. S.S. Kohle, Ex. Professor (Agronomy)	Weed Management in Changing Climate Scenario	28.03.2023	35
17.	Dr. Shiv Dhar, Principal Scientist, Div. of Agro., IARI	Job Opportunities in Agriculture	19.04.2023	72



Views of Invited Lectures

Organization of Webinars

Topic of Webinar	Date of Webinar	No of Participants	Organizing Secretary
Role of Organic Farming in Quality Production during Post Covid-19 Era	10 th June, 2020	3315	Sh. Vinod Kr. Yadav
Climate Resilient Agriculture: Adaptations and Strategies for Sustainable Production	11 th Aug., 2020	875	Dr. R.K. Meena
Agricultural Extension and Advisory Services Amid COVID-19 Pandemic	24 th July, 2020	851	Dr. B.L. Dhaka
Food and Nutritional security Amid Covid-19 situation	16 th Sept., 2020	515	Mrs. Yamini Tak



Role of Organic Farming in Quality Production during Post Covid-19 Era



Climate Resilient Agriculture: Adaptations and Strategies for Sustainable Production



Agricultural Extension and Advisory Services Amid Covid-19 Pandemic



Food and Nutritional Security Amid Covid-19 Situation

6.5.5 Physical Facility

6.5.5.1. Hostels

One boys and one girl's hostels are available at this college for accommodating the students as per details given below:

S. No.	Particular	Girls Hostel	Boys Hostel
1.	No. of Rooms	18	17
2.	Accommodating capacity	36	34
3.	Mess facility	Co-operative	Co-operative
4.	Drinking water cooler with filter	1	1
5.	Dining hall, Kitchen, TV, Refrigerator, Guest room, Store room	Available	Available
6.	Games	Chess and Carrom	Volley Ball, Chess and TT
7.	Treadmill & Gym items	-	Available
8.	Warden office	Available	Available
9.	CCTV	Available	-
10.	Parking facility, Sitting space	Available	Available
11.	Wi-Fi connection	Available	Available
12.	Mattrees, cot, chair, study table	Provided	Provided
13.	Guard Room	Available	-
14.	First-Aid facility	Yes	Yes



6.5.5.2. Examination Hall

Examination Hall is under construction in the administrative building of the college hence, presently the examinations are conducted in the class rooms.



6.5.5.3. Sport and Recreations Facilities Sports and Recreation Facilities

The College offers an extremely wide range of sporting activities and by participating students may explore their potential by showing their interests and developing their sportsmanship, teamwork and fair play in a competitive setting.

S. No.	Particulars	Details
1.	Indoor game facilities	Table Tennis, Chess and Carom
2.	Outdoor game facilities	Play Grounds for track events, Cricket and Football, Volleyball, Basketball, Kabbaddi, Discus throw, Javeline, Khokho are available.
3.	Day-to-day management and use of these facilities	In-charge Sports & Games look after sports activities. A separate room available for storing sports materials to facilitate students. Students play games like basketball, football, cricket, volley ball, Kabaddi and other indoor games regularly. Treadmill and gym facilities are also available for students.

Students' Achievements in Sports

Sports Week and selection trial for Intercollegiate Games and Sports are organized at the college under the supervision of Sports & Games In-charge every year. The details of the sports activities are as under

S. No.	Name of Events	No. of Participants	Place & Duration	Achievements
1.	Sports Week	55	COA, Kota during 15-23 Oct., 2018	Selected 25 students for inter college
2.	Inter collegiate sports and games 2018-19	25	CH&F, Jhalawar during January 22-24, 2019.	Selected 07 students for inter Agri sports meet
3.	All India Inter Agricultural University Sports and Games Meet 2018-19	07	Punjab Agricultural University, Ludhiana from 2 to 5 Jan, 2019	Participated only

S. No.	Name of Events	No. of Participants	Place & Duration	Achievements
4.	Sports Week	88	COA, Kota during 13-14 Oct., 2019	Selected 47 students for inter college
5.	Inter-collegiate Games-Sports 2019-20	47	College of Horticulture & Forestry, Jhalawar during 17-19 Oct., 2019	Winner in 200 mtr. race (girls)
6.	All India Agriculture Universities Sports & Games Meet 2019-20	12	Swami V. Veterinary University, Tiru pati, during 01-05 Mar. 22	Participated only
7.	Sports Week	150	COA, Kota during 05-07 Nov., 2022	Selected 33 students for inter college
8.	Inter Collegiate Sports and Games 2022-23	33	College of Horticulture & Forestry, Jhalawar during 14-17, Nov., 2022	Winners in badminton boys & girls, Volley ball, Cricket, TT & Athletics
9.	All India Inter Agricultural Universities Sports & Games Meet 2022-23	10	CCS HAU, Hisar (Haryana) during 20-24 February 2023	Participated only



Volley Ball



Kabbadi



Table Tennis



High-Jump

Student's Welfare Activities

Scholarship for Students : Total 175 students of this college have received scholarship from various funding sources during academic session 2022-23. The details of the scholarship received by the students of this college is given as under

Class	Name of Scholarship	Sponsor by	Amount (Rs)	2018-19	2019-20	2020-21	2021-22	2022-23
UG	Social Justice & Empowerment	Dept of SJE, Govt of Raj.	10,000-15,000	17	29	40	67	72
	Agricultural Girls Incentive	Dept. of Ag., Govt. of Raj.	12,000	8	20	32	41	57
	Dr. Ambedkar DBT Voucher Yojna	Dept of SJE, Govt of Raj.	10000-20000	-	-	-	-	10
PG.	Agricultural Girls Incentive	Dept of Ag., Govt. of Raj.	12,000	8	20	25	32	32
	Social Justice & Empowerment	Dept of SJE, Govt of Raj.	10,000-15,000	-	-	-	--	03
	PM Fellowship	CII	82000/-PM	-	-	-	-	01
	Total			33	69	97	140	175

Group Insurance

Every year all enrolled UG/PG students of this college and their earning parents/legal guardian are insured for their life under Yuva Raksha Policy/student group insurance policy.

Academic Year	Yuva Raksha Policy / Student Group Insurance Policy		Personal Accident Insurance Policy		No. of Students Insured
	Premium/ Student/Year	Sum Insured / Student/Year	Premium/ Student/Year	Sum Insured / Student/Year	
2018-19	118/-	3,00,000/-	60/-	1,00,000/-	90
2019-20	118/-	3,00,000/-	60/-	1,00,000/-	184
2020-21	118/-	3,00,000/-	60/-	1,00,000/-	260
2021-22	118/-	3,00,000/-	60/-	1,00,000/-	314
2022-23	118/-	3,00,000/-	60/-	1,00,000/-	245

6.5.5.4 Auditorium: Auditorium not available.

6.5.5.5. Exhibition Hall/Museum

Students of this college are visited regularly the exhibition or museum established in ATMQIC building at AU, Kota.

6.5.6. Research Facilities

All facilities including fields & labs are available at this college for conducting Research by the PG students.

6.5.6.1. Post Graduate Laboratories and Equipments

Laboratory	Major Equipment/Instrument
Central Laboratory	Gel-electrophoresis (01), Hot Air Oven (01), Centrifuge (01), Hot water bath (01), Ice-Flaker (01), Soxhlet Apparatus (01), Digital Balance (01), pH meter (01), Spectro photometer (01), Clevenger Apparatus (01), Seed germinator (01), BOD incubator (01), Plant growth chamber (01), Moisture meter (01), Leaf area meter (01).
Agronomy Laboratory	Hot air Oven (01), Digital pocket refractometer (01), Tensiometer standard (01), Soil Moisture Indicator (01), Orbital shaker with lotus clamp (01), Digital P ^H meter with electrode (01), Digital Conductivity meter with cell (01), Digital Balance (01), Mixer Grinder (01), Magnetic Stirrer with hot plate (01), Sprayer machine (01), Spade with handle and Tagari iron (15 set), Khurpi and Darati iron (10 set), Hand Hoe iron (02), Measuring tape 50 meter (01), Kudali and rake (10).
Horticulture Laboratory	Basket press juicer (01), Garden tool kit (20), Digital Pocket refractometer (01), Digital Laboratory balance 300g (01), Digital vernier calliper (01), Juicer/mixer/grinder machine (01), Lopping shears/ Hedge shears/ Pruning saw (1 each), LPG connection with stove (01), Secateurs (25), Top pan balance capacity 30 kg (01), Transplanting trowel (15), Tree Pruner (02), Watering cans (05), Garden rakes (05), Hand sealer polyethene packing machine (01), Knapsack sprayer (01), Digital penetrometer (01), Refrigerator (01), microwave oven (01), Brush cutter (01).
Plant Pathology Laboratory	Student Microscope (25), Trinocular compound microscope (01), Stereo zoom microscope (01), Hot Air Oven (01), Laminar Air Flow Cabinet (01), BOD incubator (01), Incubator shaker (01), Autoclave vertical (Big) (01), PH Meter (01), Precision balance (01), Refrigerator (01), Induction Stove (01), Horizontal electrophoresis unit (01), Mixer Grinder (01), Centrifuge (01).
Soil Science and Agriculture Chemistry	Digital electronic balance (03), pH meter (02), Electrical Conductivity meter (EC) (02), Flam Photometer (02), Hot air oven (02), UV-Vis Spectrophotometer (02), Orbital Shaker Incubator (01), Nitrogen analyzer (01), Ion analyser (01), Refrigerator (01), Microwave oven (01), B.D. Apparatus (01), Shaker Horizontal (02), Heating Mantle (02), Hot plate (double round) (01), Distillation Assembly (02), Atomic Absorption Spectrophotometer (AAS) with accessories (01), Mixer Grinder /Heat convector (01), Computer with Printer (2+2), Lab RO with DM (01).
Extension Education and Communication Laboratory	LCD projector (01), Camera (SLR) with zoom, wide-angle, tele-photo lens (01), Computers (workstation) with editing software's (01), Video camera with tripod, lighting accessories and editing facility (01), Digital voice recorders (05), Audio recording-mixing consoles (01), Computation software for statistics (01).
Genetics and Plant Breeding Laboratory	Seed Analyzer (01), Seed Germinator (01), Top pan balance capacity 10 kg. (01), Spring balance capacity 20 kg (01), Electric weighing machines 5-20 kg (03), Digital Vernier calliper (01), Binocular Research Microscope (04), Digital Bricks Meter (01), Laboratory oven (01), Bagging Machine (01), AC Godown with modern seed storage facilities (01), Automatic Seed Processing Unit (01), Seed Cabinet (01), Refrigerator (01), Cane juice Extractor (01), Moisture meter (01).

Laboratory	Major Equipment/Instrument
Entomology	Insect Stretching Board (Adjustable) (18), Insect Collecting Net with Iron Handle (20), Insect Dissecting Kit (02), Insect Dissecting Tray (03), Insect Display Showcase (05), Insect Storage Box Wooden (80), Insect Display Showcase wooden (06), Insect Storage Box Wooden (06), Laboratory weighing Balance (01), Compound Microscope (01), Laboratory Stools (10), Knife (02), Hive Tool (04), Smoker (02), Insect Killing Jar (41), Bee Well (06), Pollan Trap (02), Queen Gate (11), Queen Cage (11), Feeder (02), Mini Super (01), Queen Excluder (01).
Entomology	Insect Stretching Board (Adjustable) (18), Insect Collecting Net with Iron Handle (20), Insect Dissecting Kit (02), Insect Dissecting Tray (03), Insect Display Showcase (05), Insect Storage Box Wooden (80), Insect Display Showcase wooden (06), Insect Storage Box Wooden (06), Laboratory weighing Balance (01), Compound Microscope (01), Laboratory Stools (10), Knife (02), Hive Tool (04), Smoker (02), Insect Killing Jar (41), Bee Well (06), Pollan Trap (02), Queen Gate (11), Queen Cage (11), Feeder (02), Mini Super (01), Queen Excluder (01).

Farm Facilities

Agronomy Farm

S. No.	Department/Unit	Farm Area (ha)	Irrigated / Non-irrigated	Major Crops Grown/Instruments
1.	Agronomy Research Farm	10.0	Irrigated	Soybean, urdbean, rice, wheat, chickpea, mustard, lentil, linseed, coriander
2.	Agro-meteorology	-	"B" class meteorologic	
3.	Field units			
a.*	Integrated farming System unit	2.0	Irrigated/presurized irrigation system	Soybean, maize, rice, fodder sorghum, wheat, mustard, linseed, vegetables, quinoa, chia, boundary plantations karonda, pomegranate, drumstick)
b.*	Organic farming	5.0	Pressurized irrigation	Soybean, urdbean, wheat, chickpea, garlic, coriander
c.*	Micro irrigation system	2.5	Pressurized irrigation system	Soybean, urdbean, mungbean, wheat, mustard, garlic, coriander, vegetables, aonla

Horticulture

Department	Area	Irrigated (ha)	Crops Grown
Horticulture	6.0 ha	Irrigated	Acid lime, Guava, Jamun

Particulars	No.	Area (sqm)	Details
Polyhouse	1	1000 sqm.	Growing of Cucumber, Bottle gourd and Vegetables Seedlings

Plant Pathology

Department	Farm Area	Irrigated / Non-irrigated	Crops Grown
Plant Pathology	1.0 ha	Irrigated	Soybean, Wheat, Chickpea and Mustard

Soil Science and Agriculture Chemistry

Ample learning opportunities are available to the students of the department as greater crop diversity is available in the *Hadoti* region. All the fields are well connected with approach roads and internal roads. Entire farm is fully irrigated. The detail of farm facilities utilized by department is as under.

Name of the Department	Farm Area	Irrigated / Non-irrigated	Crops Grown
Soil Science and Agriculture Chemistry	4.0 ha.	Irrigated	Mung, Urd, Chickpea, Mustard, Linseed, Soybean, Potato, Wheat, Maize and vegetables etc.

Genetics and Plant Breeding

For the field experimentation and field exposure of UG and PG students all the farm facilities of College of Agriculture (30 ha) as well as different AICRPs of Agricultural Research Station are being utilized. The detail of farm facilities utilized by department is as under.

Department	Farm Area	Irrigated / Non-irrigated	Crops Grown under AICRPs.
Genetics and Plant Breeding	15 ha.	Irrigated	Pigeonpea, Mung, Urd, Lentil, Pea, Chickpea, Mustard, Linseed, Soybean, Rice, Sugarcane and Potato, Rajma, Wheat, Maize etc.

6.5.6.2 Research Contingency

Research contingency received from State Govt. or any other funding agency is distributed among various departments as per need.

Financial Year	Amount of Contingency Received (Rs. Lacs)				
	State Plan	UDF	Boys fund	RF /Others	Total
2018-19	24.00	25.92	7.71	2.00	59.63
2019-20	30.00	8.50	6.98	0.45	45.93
2020-21	16.00	20.00	3.94	4.00	43.94
2021-22	15.00	18.50	1.80	10.00	45.30
2022-23	15.00	22.00	2.74	1.23	40.97
Total	100.00	94.92	23.17	17.68	235.77

Private Research Projects Sanctioned to this College are as under

S. No.	Title of the Project	Sponsored By	Amount (Rs. in Lakh)
1.	Evaluation of Humesol for growth and yield parameter of chilli	Pesticide India Industries Ltd. Gurgaon, Haryana	2.50
2.	Evaluation of Biovita-X (L) for growth and yield parameters of chilli	Pesticide India Industries Ltd. Gurgaon, Haryana	2.50
3.	Evaluation of Siapton-10 L for growth, yield, quality and crop safety (Phytotoxicity) parameters of chilli	M/S Jivagro Ltd. Mumbai	2.50
4.	Evaluation of Biovita-L for growth and yield attributes of Tomato	Pesticide India Industries Ltd. Gurgaon, Haryana	2.50

6.5.7 Outcome/Output

6.5.7.1. Student Performance in National Examinations

JRF/SRF/NET Qualified

The First batch of B.Sc. (Hons.) Ag. is passed out in academic session 2021-22 from this college and following students have cleared JRF examinations in 2022-23. However, the M.Sc. passed out students from this college have qualified SRF/National Eligibility Test (NET) conducted by ASRB-ICAR, New Delhi as per details given below

S. No.	Examinations	No. of Students Selected	All India Rank
1.	ICAR-SRF	01	2 nd (ST category)
2.	ICAR-JRF	08	2 nd , 30 th , 77 th , 107 th , 138 th , 140 th , 147 th & 271
3.	ICAR-NET	12	Through ASRB
4.	State-Pre-PG	16	SAU's
5.	Jawahar Nehru & PM Fellowship Award	01	Ms. Ruchi Bishnoi Ph.D. Scholar (GPB)
	Total	38	

6.5.7.2. Students Placement Profile

The student placement cell is regularly guiding, motivating, helping and coordinating students for their proper job placements. Various organizations were invited for placement of students. Placement Camp were organized as per detail given below at this college.

S. No.	Date of Placement Camp	No. of Students Selected
1.	17 Feb., 2020	03
2.	14 June. 2022	04
3.	Selected in Govt. Jobs	27
	Total	34



Placement Camp

6.5.7.3. Awards/Recognition/Certificates For faculty (during Last five years)

Year	Name of Award	Recipient	Sponsored by
2018	Young Scientist Award	Dr. D. L. Yadav	Society for Scientific Development in Agriculture and Technology (UP)
2018	Best Poster Award	Dr. J.P. Tetarwal	XXI Biennial National Symposium at MPUAT, Udaipur
2018	Young Scientist Award	Dr. S. L. Yadav	Astha Foundation, Meerut (UP)
2018	Young Scientist Award	Dr. L.K Meena	Genesis Urban and Rural Development Society (GUARD), Hyderabad Telangana
2018	Ganga Singh Chauhan Memorial Award	Dr Kirti	9 th National Extension Congress at CAEPHT, Ranipool, Sikkim,
2018	Young Scientist Award	Dr Kirti	International Conference on Food Security and Sustainable Ag. at Bangkok, Thailand
2019	Best Horticulturist Award	Dr. B. L. Nagar	RARI, SKNAU, Jobner
2019	Best Oral Paper Presentation Award	Dr. Baldev Ram	In National Seminar at KVK Anta
2019	Poster Presentation	Dr. D. L. Yadav	NHRDF, New Delhi
2019	Best Oral Paper Presentation	Dr. B. L. Nagar	National conference at RARI, Jaipur
2019	Poster Presentation Award	Dr. B. L. Nagar	NHRDF, New Delhi
2019	Best AICRPCentre Award	Dr. Khajan Singh	ICAR
2020	Best Teacher Award	Dr. Baldev Ram	AU, Kota
2021	Young Scientist Award	Dr. Sandhya	Society for Scientific Development in Agriculture & Technology.
2021	Best Teacher Award	Dr. B.S. Meena	AU, Kota
2023	Krishi Ratan Award	Dr H.P. Meghwal	VSMT, Media group

For Students (During Last Five Years)

Year	Name of Award	Recipient	Sponsored by
2020	Chancellor Gold Medal	Suman Kantwa	Agriculture University Kota
2021	Chancellor Gold Medal	Hemant Yadav	Agriculture University Kota
2022	Best Poster	Ms. Udit Dhakar	National Conference at SKNAU, Jobner
2022	Chancellor Gold Medal		Agriculture University Kota
2022	JRF 2 nd Rank	Raunak Kumar	ICAR, New Delhi
2023	PM Fellowship	Ms. Ruchi Bisnoi	CII, New Delhi
2023	JLN Fellowship		New Delhi

6.5.7.4 Employability

After graduation and post-graduation, students enter a broad range of challenging and rewarding professional careers in crop production, management, marketing, education, research, state government, banking, Agro industries and civil services. They can also opt their own agri-business enterprises.

The college regularly conduct special guest lecturers in soft skill like communication skills, reasoning, group discussions, interview skills, quantitative ability, verbal ability and mental ability to students in association with various adjunct faculty and experts. Faculty guide encourages students to appear for various competitive exams like ASRB, RPSC, UPSC, SAUs etc.

6.5.8 The Self Study Reports of all the UG/PG degree programmes are prepared and submitted as a separate document.**CERTIFICATE**

I, Dr. M.C. Jain, Dean, College of Agriculture, Ummedganj-Kota is hereby certified that the information contained in the Sections 6.4 and section 6.5.1 to 6.5.7.4 are furnished as per the records available in the college and degree awarding university.

Place : Kota, Rajasthan
Date : 23.05.2023


Signature Dean with Seal
College of Agriculture, Ummedganj-Kota
DEAN
College of Agriculture
Ummedganj, Kota



**COLLEGE OF AGRICULTURE
UMMEDGANJ -KOTA
AGRICULTURE UNIVERSITY
KOTA (RAJASTHAN)**