

UDAI PRATAP COLLEGE, VARANASI

(An Autonomous Institution)

(Affiliated to Mahatma Gandhi Kashi Vidyapith, Varanasi)



Academic Regulation and Course Structure
for
Bachelor of Science (Honors) in Agriculture
(As per ICAR Sixth Deans' Committee Report)

UDAI PRATAP COLLEGE, VARANASI
(An Autonomous Institution)
(Affiliated to Mahatma Gandhi Kashi Vidyapith, Varanasi)

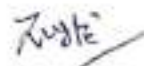
Academic Regulations & Course Structure
for
Bachelor of Science (Honors) in Agriculture Degree Programme
[B.Sc. (Hons.) Ag. Degree Programme]
(As per ICAR Sixth Deans' Committee Report)

1. General

- 1.1. These regulations may be called the "Academic Regulations as per ICAR 6th Deans' Committee Report".
- 1.2. These regulations shall come into force with effect from session 2025-2026 and apply to fresh batch only.
- 1.3. There shall be two semesters in an academic session (July to June) and the duration of each semester shall ordinarily be 20 weeks with 95 instructional days excluding examination days and semester break. Every year before the commencement of academic session an academic calendar giving specific dates for admission, registration, examination etc. shall be prepared and approved by the academic council of the college.

2. Admission to first Year B. Sc. (Hons.) Ag. Programme

- 2.1. Admission to the first year B.Sc. (Hons.) Ag. Degree programme shall be made on merit prepared on the basis of the marks obtained by the candidate in the entrance examination or on the basis of the merit as decided by the admission committee of the college.
- 2.2. **Minimum Eligibility:** A candidate shall be eligible to appear at the entrance examination if he/she has Passed Intermediate Examination in Agriculture/Science.
- 2.3. The number of seats for admission shall be determined by the academic council of the college from time to time and will be implemented only after due approval from the degree providing authority i.e. the affiliating University as well as the ICAR as mandated in ICAR guidelines.
- 2.4. Candidates appearing at the respective qualifying examination shall be eligible to appear at the entrance test but shall have to provide the proof of passing the said examination on the date as decided by the admission committee.



2.5. Scheme of Entrance Examination: There shall be one paper of 150 (one hundred fifty) Marks of three hours duration for Entrance Examination. Pattern of the entrance examination will be decided by the admission committee on the basis of the pattern of ICAR, CUET, UPCATET etc.

2.6. Merit List of Admission

- i) Candidate shall be selected in order of merit on the basis of the aggregate marks secured in the Entrance Examination.
- ii) In case of equal marks in the Entrance Examination the ranking of the candidate shall be decided in the following order.
 - a) The aggregate marks obtained by the candidates at the qualifying examination (10 + 2).
 - b) If the marks at qualifying examination happen to be same, the date of birth would be the basis i.e. the candidate senior in age would rank higher.
- iii) In all matters relating to Entrance Examination and admission, the joint decision of the Dean of the faculty and the Principal shall be final.
- iv) No Scrutiny/Revaluation of the answer books of Entrance Examination shall be allowed.
- v) Result of all the candidates will be declared on the notice board, college's website and the online portal designated for the entrance exam.
- vi) A selected candidate shall have to submit an affidavit from the parent/guardian in respect of that the candidate has not taken part in any subversive activities and he has not been convicted for any offence by the court or no case of cognizable offence is pending against him/her in any court. In case of false information / statements / documents, submitted by the candidate, the Principal shall have the right to cancel such admission at any time without any prior notice.
- vii) Weightage for Admission to B.Sc. (Hons.) Ag. Programme shall be given as per rules of the college.
- viii) Admission of new students failing to register in prescribed manner on the fixed date is liable to be cancelled and seats to fallen vacant shall be offered to the candidates as per merit list.
- ix) Registration of continuing students in the subsequent semester shall be held as per academic calendar.
- x) The Principal reserves the right of refusing the admission to any candidate, even though he may fulfil the academic requirements for admission on the basis of criteria laid down in this regulation, for reasons to be recorded in writing, in the interest of the college.



- xi) Under special circumstances, if a student is unable to present himself/herself for registration, he/she may with the prior permission of the principal be permitted to deposit fees in time through guardian. However, he/she should present himself/herself for registration within a period of 10 days from the date of fee payment, failing which he/she shall not be registered.

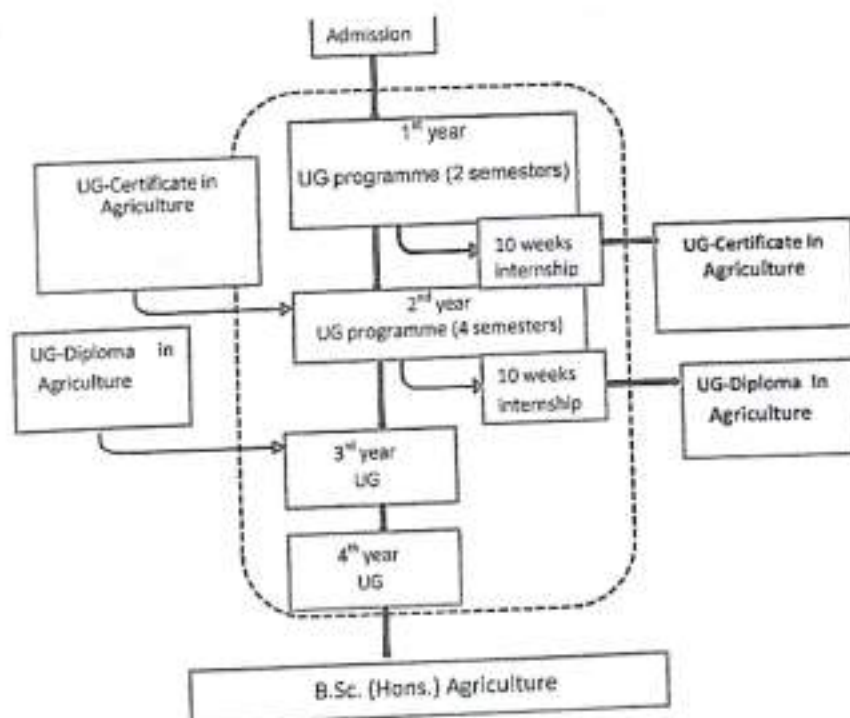
2.7. College may announce the number of seats available for lateral entries at 3rd semester and 5th semester. The eligibility and mode of admission for lateral entry into the UG programs will be as per the college/University/ICAR norms. The lateral entry at 3rd semester will be for the candidates having UG-certificate. The lateral entry in 5th semester will be for candidates who have completed UG-Diploma.

3. The Undergraduate Programme

3.1. The Undergraduate Programme has been designed based on the following National Higher Education Qualifications Framework (NHEQF) levels:

- Year 1, Certificate Course, NEP-NHEQF Level 4.5
- Year-2, Diploma Course, NEP-NHEQF Level 5.0
- Year 4, B.Sc. (Hons.) Agriculture - NEP-NHEQF Level 6.0

3.2. The program for the Undergraduate Agriculture education with multiple entry and exit options is illustrated in Figure below



3.3. The 1st year of the programme will be having the foundation, introductory and skill enhancement courses. The 2nd year will be having basic core courses with some more options for skill enhancement. The 3rd year of the programme will have

[Signatures] *Single* *[Signature]* *[Signature]* *[Signature]*

advanced core courses. The 4th year programme will emphasize more on the specialization and elective courses as well as advanced skill enhancement through internship.

- 3.4. There will be exit options after 1st year and 2nd year for UG-Certificate and UG-Diploma. However, the students opting to exit with UG-Certificate or UG-Diploma will have to take up 10 weeks internship after the 1st year (2 semester) and 2nd year (4 semesters), respectively.

Types of courses and learning outcomes for the undergraduate programs

Year	Types of courses	Learning outcome	Exit option
YEAR 1 NHEQF Level 4.5	Foundation courses, introductory courses and skills enhancement training/ training in the chosen area, ability enhancement courses	Students will acquire the basic knowledge in respective disciplines and adequate skill in some selected areas, to enable them for employment/ entrepreneurship	A student must complete 10 weeks of internship (10 credits) after 1st year if exit with UG-Certificate in Agriculture is opted
YEAR-2 NHEQF Level 5	Basic core courses and additional skill enhancement in chosen areas/ courses	Students will acquire the higher level knowledge in respective disciplines and adequate skill in some selected areas, to enable them for employment at middle level/ supervisory level or for entrepreneurship	A student must complete 10 weeks of internship (10 credits) after 2nd year if exit with UG-Diploma in Agriculture is opted
YEAR-3	Advanced core subjects and their practical applications	Students will have deeper understanding of the subjects and their major application areas	No exit after 3rd year
YEAR-4 NHEQF Level 6	Specialization/ Elective courses and advanced skill enhancement through project and internship	Students will acquire advanced knowledge and skill in different areas so as to meet the higher order requirements of the society and industry as well as other prospective employers.	B.Sc. (Hons.) Agriculture degree

4. Credit Hours Allocation

- 4.1 The B. Sc (Hons) Agriculture program will be of 177 credits, which will have 167 credits offered by the college and 10 credits of online courses taken by the student as per choice in consultation with the college.
- 4.2 After the admission in the college, the students will register for the Foundation programme of 2 weeks' duration in the 1st semester. A course entitled Deeksharambh (0+2) (Non-gradual) will be offered at the start of first semester for two weeks' duration. This will create a platform for students to learn from each other's life experiences, help

[Handwritten signatures]

[Handwritten signature]

for cultural Integration of students from different backgrounds, know about the operational framework of academic process in the college, instilling life and social skills, social awareness, ethics and values, team work, leadership, creativity, etc. It will also help in identifying the traditional values and indigenous cultures along with diverse potentialities both in indigenous and developed scenario.

There will be sessions by alumni, business leaders, outstanding achievers in related fields, people with inspiring life experiences as well as the college/university academic and research managers.

Steps will be taken by the college to identify the strength and weakness of students (with remedial measures) and diverse potentialities and to enhance cultural Integration of students from different backgrounds.

- 4.3 The first year of the course program comprises skill development courses along with other fundamental courses of agricultural science. After satisfactory completion of 42 credits of courses in two semesters of 1st year and subsequent satisfactory completion of 10 credits (10 weeks) of industry/ institute training/ internship, the student will become eligible for the award of UG-Certificate in Agriculture on exit. The students continuing the study further, would not have to attend the internship after 1st year.
- 4.4 The second year has been designed with the skill development courses, basic courses as well as fundamental courses in agriculture with adequate theory and practical components, enabling the student to get acquainted with the basic principles and applications of agricultural sciences. After satisfactory completion of the courses (84 credits) during first two years and subsequent satisfactory completion of 10 credits (10 weeks) of internship, the student will become eligible for the award of UG-Diploma in Agriculture on exit. The students continuing the study further, would not have to attend the internship after 2nd year.
- 4.5 During the 5th semester, the students will have a study tour of 10-14 days duration, which will be counted as 0+2 credits (Non-gradual). The students will preferably visit the leading industries/ enterprises/ institutions/organisations and other places of academic interest outside the state (of location of the institution).
- 4.6 The third- and fourth- year courses have been designed to impart specialized knowledge to the students in the major disciplines. During the 7th semester, the students will adequately select 20 credits from a basket of elective courses, each course being of 4 credits giving an opportunity to them to gain advanced knowledge in frontier areas of agricultural science. The objective is to enable the student to acquire deeper understanding in any particular field.
- 4.7 In the 8th semester of the course the major focus has been on strengthening of the knowledge and skill for developing confidence of the students to take entrepreneurship as their future career. For this they will undergo an advanced skill enhancement through Student READY: RAWE/ Industrial Attachment /Experiential Learning / Hands-on Training/ Project Work / Internship. A student will select option/s on choice to complete the degree and pursue future career with 20 credits.



Each student will be attached to a mentor either from the institution or from an organization/ industry.

- 4.8 The core and elective courses can be modified maximum up to 30% with approval from competent authority (Board of Studies of respective department & Academic Council) of the College.
- 4.9 The students will take a minimum of 10 credits of online courses during four years as a partial requirement for the B.Sc. (Hons) Agriculture program. The indicative list of courses will be provided by the college; online courses can be taken from NPTEL, SWAYAM etc. The objective is to allow the students to groom their passion or strengthen their knowledge and competency in any field beyond prescribed courses. These online courses will be non-gradual and separate certificates would be issued by institute/organization offering the courses. However, the college will keep a record of such courses registered and completed by each student and indicate the title of the (successfully completed) courses in final transcript issued to the student. A student must submit the list of online courses along with the content he intends to undertake to the Dean/Principal of the college for a permission and records.
- 4.10 The credits (and contact hours) have been designed in such a way that along with class room teaching, the students will take up NSS/ NCC and Physical Education, Yoga, etc. which will increase their acquaintance with the social/ technical problems, improve their analytical ability of the issues/ challenges and enhance their social responsibility.

Summary of credit distributions among different categories of courses (Credit hours)

Semester	Core Courses (Major+Minor)	Multi-Disciplinary Course (MDC)	Value Added Course (VAC)	Ability Enhancement Course (AEC)	Skill Enhancement Course (SEC)	Internship/ Project/ Student READY	Total Credits	Non-Gradual	Online Courses/ MOOC
I	11	3 ⁽¹⁾		1 ⁽⁴⁾ + 2 ⁽³⁾	4	-	21	2 ⁽¹⁾ +1 ⁽²⁾	10 ⁽¹³⁾
II	11		3 ⁽⁶⁾	1 ⁽⁴⁾ + 2 ⁽⁷⁾	4	-	21	-	
Post-II semester						10 ⁽¹³⁾			
III	14	3 ⁽⁸⁾		2 ⁽⁵⁾	2	-	21		
IV	16		3 ⁽¹²⁾	---	2	-	21	-	
Post-IV semester						10 ⁽¹⁴⁾			
V	18	3 ⁽¹¹⁾	-	-	-	-	21	2 ⁽¹²⁾	
VI	22	-	-	-	-	-	22	-	
VII	20	-	-	-	-	-	20	-	
VIII	-	-	-	-	-	20	20	-	
Total	112	9	6	8	12	20	167	5	10

(1) Deeksharambh (Induction-cum-Foundation Course) of 2 credits (2 weeks duration).

(2) Remedial Course: Mathematics of 1 credit

(3) Farming based Livelihood systems

(4) NCC/NSS

(5) Communication Skills



- (6) Environmental Studies and Disaster management
 (7) Personality development
 (8) Entrepreneurship Development and Business Management
 (9) Physical Education, First Aid and Yoga Practices
 (10) Agricultural Informatics and Artificial Intelligence
 (11) Agricultural Marketing and Trade
 (12) Study tour (10-14 days)
 (13) Only for those opting for an exit with UG-Certificate and
 (14) Only for those opting for an exit with UG-Diploma
 (15) Online course: student will make his own planning and execution of online courses with intimation to the Dean.

Summary of Credit Distributions

Type of courses		Credits
Core courses (Major & Minor/s)	:	112
Common courses (MDC+VAC+AEC)	:	23
Skill Enhancement Courses (SEC)	:	12
Internship/ Student READY	:	20
**MOOCS/SWAYAM	:	10 (Non-gradual)
Total	:	167+10**

5. Moderation of Courses

The following flexibility is allowed to the departments for offering the courses:

- 5.1 Maximum 30% modification in the syllabus for any individual subject. It is recommended the department should consider updating the course curricula around 5% every year. That would enable addition of new contents replacing obsolete/ old contents in the courses.
- 5.2 Formulation /addition/ change of Skill Enhancement modules as per needs/ facilities available in the department/ college.
- 5.3 Interchange of courses in between semesters within a year (but no change of course shall be normally allowed in between years).
- 5.4 Change of maximum two core courses (If any course is removed from the list of core course, it should be kept as elective). However, the total credit hours should not be lower than the prescribed.
- 5.5 Inclusion of any number of courses as Electives and freedom to offer the Elective courses.
- 5.6 Modification/ change of credit hours for any four courses (however, total credit hours should not differ by more than four).
- 5.7 In case the skill enhancement/ internship programs are conducted in collaboration with industry/ other organizations/ agencies, students may be expected to remain out of the campus for a certain period within the semester. In that situation, the timetable should be so adjusted for the remaining part of the net instruction days (NIDs) of the corresponding semester, that each credit has at least 15 contact hours.

[Handwritten signatures: Singh, Singh, Singh, Singh, Singh]

6. Migration from One Institute to Other

The UG-Certificate/ UG-Diploma passed candidate from the college will be eligible for admission into any agricultural university/institution in the country at appropriate level, provided the admitting university has provision of seats to admit them.

7. Exit Options

There will be three exits during the restructured UG programme.

Exit after 1st year: A student may opt to exit after the 1st year of UG programme. However, he/ she has to complete 10 weeks of internship (10 credits) to be eligible for being awarded UG-Certificate in Agriculture. (The students going to the higher level need not take 10 weeks internship at this stage.)

Exit after 2nd years: A student may opt to exit after the 2nd year of UG programme. However, he/ she has to complete 10 weeks of internship (10 credits) to be eligible for being awarded UG-Diploma in Agriculture. (The students going to the higher level need not take 10 weeks internship at this stage.)

Exit after 4-years: Exit after 4-years programme leading to B.Sc. (Hons.) Agriculture Degree.

8. Maximum Residential Period

Students who exit with a UG-Certificate or UG-Diploma are permitted to re-enter within three academic years and complete the degree programme.

Students may be permitted to take a break from the study during the period of study but the total duration for completing the programme shall not exceed 7 years.

9. Examination and Evaluation System

9.1 There will be a system of the evaluation and grading to be followed with Grade point average (GPA) system. The student's achievement shall be evaluated on the basis of their performance in different exams in the form of written as well as assignment and practical. The various exams and relative weightage in each semester shall be as follows:

S.N.	Examination	Courses with Practical	Courses without Practical	Only Practical
1	Mid-Term	20 %	30 %	30%
2	Progressive Assessment	20%	20%	20%
3	Final Practical	20 %	-----	50%
4	Final End Term	40%	50%	

9.2 For the End term theory examinations, the question paper will be obtained by the controller of Examination. The HoDs of the respective departments will ensure due coverage of the syllabus with the provision of moderation, if necessary.

- 9.3 The End term theory examinations shall be of 2 hours duration and the mid-term examinations shall normally be of 1-hour duration.
- 9.4 Final practical examination to be conducted by the examiners appointed by the Controller of Examination.
- 9.5 The evaluation of the skill enhancement courses will be done as courses with practical only.
- 9.6 The Progressive assessment of student may be in the form of quizzes, group assignments (which should encourage creativity, critical thinking and problem-solving attitude).
- 9.7 The evaluation of internship will be done both by the parent institute (the college) and the host industry/ organisation. It should be 50% weightage for each. The student shall submit a report to the college and present the learnings before the other students and faculty after the internship programme. The format of evaluation may be developed by the parent institute (the college).
- 9.8 The online/MOOC courses, successfully completed by the student, will be indicated in the transcript with 'Satisfactory' remark.
- 9.9 For clearing/passing a course, student must secure 50% marks in aggregate from all the components. Also, the student must appear in all examination components (either as fresh or backlog) of a course in order to clear/pass that course.

9.10 Make-Up Examinations (Only for Mid-Term Examinations):

- i) Normally no make-up examination shall be permitted in lieu of the missed mid-term examinations except as permitted by the Dean, Faculty of Agriculture on the application given by student.
- ii) If a student fails to appear in mid-term examination for reason beyond his control, his/her student/guardian must apply within 3 days on which the examination is missed.
- iii) Only in extremely genuine cases as given below, a student may be permitted by Dean, Faculty of Agriculture to appear in mid-term make-up examination.
 - a. If he/she falls seriously ill.
 - b. If he/she has been on leave on account of the death of his father, mother, brother or sister, spouse, child or grandparent.
 - c. Any other reason with which Dean, Faculty of Agriculture is satisfied.

Only one make-up examination will be permissible in each course during a semester.
- iv) If a candidate fails to appear (remains absent) in the midterm make-up examination of a course on the given date, he/she shall be marked as absent and no re-make-up exam will be conducted.
- v) Make up examination for the mid-term will be held roughly 10 days prior to the semester final examination from the syllabus decided by the course instructor.

 9

9.11 Practical and Viva-Voce Examination: The date of the practical and viva-voce examinations shall be decided by the HoD and Teachers of the Department. There shall be no provision of **re-examination** in practical and viva-voce examination(s), and student(s) absent in practical examination(s) shall mark as "A" (Absent) in the missed examination. These absent students will register for the missed practical exam in the following academic session with the regular practical exams of the junior batch. Students must deposit practical **re-examination** fee as per rule of the college.

9.12 Semester Final Examination:

Final examination of the semester shall be held on the dates prior announced by the Examination Controller as per academic calendar.

9.13 Appearing in the Final Examination:

Students coming late by more than 30 minutes in the final examination shall not be allowed to appear in that examination and no examinee shall be allowed to go out of the examination room for the first hour.

10 Registration or Repeat / Re-Examination in Courses

10.1 Registration for the semester programs for every individual student, whether newly admitted or already on rolls, will be at the beginning of each semester on dates to be announced. Every student is required to register for his/her semester programme in person and to get his/her registration properly completed at his/her own responsibility, failing which he/she shall not be permitted to attend any classes or use any of the facilities of the college.



10.2 To meet unusual circumstances, Principal is vested with the discretionary authority to determine whether a late registration can be permitted on a case-by-case basis and also to determine whether such a late registration can be done with or without payment of requisite fine.

10.3 The original registration in a semester and its subsequent amendment, if any, for such students are subject to additional conditions such as clearing the backlog with controlled forward movement.

10.4 A student who had failed or not secured the aggregate minimum of 50% marks from all examinations i.e. mid-term, practical and final examinations in a particular course shall be treated as repeat/back in that course and will have to clear the backlog as per the foregoing clauses 10.5 to 10.10. This facility shall be permitted only once on each course.

10.5 Clearing the backlog with controlled forward movement: A student having backlog shall register for backlog examination along with his juniors and submit back exam fees for backlog courses prescribed by the college at the time of examination. The backlog is the first charge on the student and only after clearing the backlog as per the sections 10.6 to 10.10, he/she shall be promoted to next year.

- 10.6 If a student fails in 6 or less than 6 courses (backlog courses) including both the semesters of the current year, he/she will be promoted from the current even semester to the next odd semester i.e. from the current year to the next year. A student will be given a maximum of two chance to appear in each course to clear the backlog with the condition that he/she has to complete B. Sc. (Hons) Ag. in maximum 7 years.
- 10.7 For promotion from 2nd year to the 3rd year, students must have cleared all first-year courses (by appearing for backlog exams along with the junior batch). Similarly, for promotion from the 3rd year to the 4th year, students must have cleared all 2nd year courses (by appearing for backlog exams along with the junior batch). For example, if a student fails in 6 or less than 6 courses in 1st year (including both 1st and 2nd Semesters), he/she will be promoted to 2nd year (3rd Semester) but will not be promoted in 3rd year (5th semester) until he/she clears all the backlog courses of 1st year (including both 1st and 2nd Semesters).
- 10.8 If a student fails to clear his/her backlog in the first re-attempt, he/she may take a break for one academic year to clear the backlog before continuing for his/her degree. This is only permitted if the student remains within the seven-year degree completion limit. However, if the student fails to clear the backlog even after a break of one academic year, he/she will have to leave the degree programme.
- 10.9 Backlog courses will be offered only in the corresponding semester of the next academic session; i.e. odd semester backlog courses can be cleared only in odd semesters; even semester backlog courses can be cleared only in even semesters.
- 10.10 Students who fail or remain absent in more than six courses in an academic session (across both semesters of an academic year) will not be promoted to the next year. They may apply for readmission to the previous odd semester, subject to the Dean's approval. This readmission facility is granted only once per academic session.

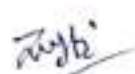
11. Distribution of Courses

Various courses of B.Sc. (Hons.) Ag. programme to be offered shall be prescribed by the academic council from time to time. The distribution of courses has been given on Table 1.

12. Class Attendance

- 12.1 Each teacher shall maintain a record of the student attendance in each course taught by him in each semester. A copy of the same shall be submitted to the head of the department who shall compile and send to the attendance committee.
- 12.2 Each student shall be regular in attending classes and shall have minimum 75% attendance in each course in each semester, failing which he/she shall not be allowed to appear in the final examination of the course, unless withdrawal from the course is permitted by the Principal.
- 12.3 The percentage of attendance of a student in a course in a semester shall be calculated on the basis of total number of lectures and practical classes attended by him actually

held between the date of his registration and date of classes' closure instructions/ examination.

- 12.4 The Dean may, on the recommendation of the attendance committee, condone shortage in attendance up to 10% in a semester. However, on the recommendation of the attendance committee, the Principal may grant a condonation to the extent of 15% but only one condonation shall be availed by a student.

13. Teaching and Evaluation of the Course Work

- 13.1 Every course whether single section or multi-section is conducted by a member of the faculty called instructor-in-charge, with the assistance, wherever necessary, of the required number of instructors who will be partners with him in meeting the full academic perceptions and organizational needs of teaching the course and evaluating the students.
- 13.2 Within one week of the beginning of class work, the instructor-in charge/instructor must announce to his/her class/section through a hand-out, the necessary information in respect of
- a) The operations of the course (its pace, coverage and level of treatment, textbooks and other reading assignments, home tasks etc.);
 - b) various components of evaluation, such as tutorials, laboratory exercises, home assignment, several quizzes/tests/examinations (announced or unannounced, open book or closed book), regularity of attendance, etc.,
 - c) the frequency, duration, tentative schedule, relative weightage etc. of these various components;
 - d) the broad policy which governs decisions about make-up;
 - e) mid-semester marking.
 - f) marking procedure (overall basis, review of border line cases, effect of class average, etc.) and other matters found desirable and relevant.
- 13.3 The different components of evaluation should be evenly spread out in the semester and would aim to draw out response from the student in regard to various attributes like spontaneous recall, ability to apply known concepts, capacity to work on his/her own, competence in conceptualized arguments, ability to face unknown situations, etc. At least one of the components (examination) must be comprehensive enough to include the whole course and will be held at the end of the semester and it will be called as end term examination.
- 13.4 The student's achievement shall be evaluated on the basis of their performance in different exams in the form of written as well as assignment and practical.

13.5 Course

A course shall be a unit of instruction or segment of subject matter to be covered in a semester. It shall have a title number and credits.



13.6 Credits

Each credit shall represent one hour lecture or 2 hours laboratory or field practicals each week.

13.7 Duration of Examination:

- Duration of mid-term examination shall be of 1 hours.
- Duration of final examination shall be of 2 hours for each course in written and practical.

14. Significance of Grades

14.1 The examination conducted throughout the semester shall be evaluated in numeral assigning 100 marks to each course. The numeral rating shall be converted to 10-point system by placing decimal before the last digit.

14.2 The percentage of marks obtained by a student in a course shall be divided by 10 to award the grade obtained by student in a particular course.

14.3 Grade Points (GP) of course shall be the product of credit hours and grade obtained by a student.

14.4 Grade Point Average (GPA) shall be the quotient of the total grade point obtained by a student in the course completed by him during a semester, divided by the total credit hours in that semester.

$$GPA = \frac{\sum (Grade\ Point \times Credit\ hours)_{in\ one\ semester}}{Total\ Credit\ hours\ in\ the\ semester}$$

14.5 The Cumulative grade point earned at any stage of the course will be calculated as Cumulative Grade Point Average (CGPA) as follows:

$$CGPA = \frac{\sum (Grade\ Point \times Credit\ hours)_{until\ last\ semester}}{Total\ Credit\ hours\ until\ last\ semester}$$

If a student passes in a subject in a second attempt, for calculation of CGPA, the grade point for the subject in the second attempt will only be considered.

14.6 The final CGPA will be named as Overall Grade Point Average (OGPA), which will be mentioned in the final transcript of the students.

14.7 Award of Division

The award of the divisions will be as follows

OGPA	Division
<5	Fail
5 to <6	Pass
6 to <7	II division
7 to <8	I Division
>=8	Ist division and distinction

Conversion formula for GPA, CGPA or OGPA into percent = GPA, CGPA or OGPA X 10

14.8 Evaluation of Answer books

Controller of examinations and Principal shall make necessary arrangements for the evaluation of answer books as per the rules prescribed and approved by the examination committee.

14.9 Absence from examination

A candidate who fails to appear at any of the examination shall be marked as "A" (Absent) in the examination(s).

14.10 Minimum Grade Point Requirement

The minimum grade for passing a course shall be 5.0, for getting, UG-Certificate in Agriculture, UG-Diplome in Agriculture and B.Sc. (Hons.) Ag. Degree, the CGPA/OGPA shall be 5.5.

14.11 Dropping

Under exceptional circumstances, a student with the permission of the Principal, may drop a semester and re-register in the same semester of the next academic session.

15. Obtaining photocopy of answer books under RTI and Challenge Evaluation

15.1 Procedure for obtaining photocopy of answer books under RTI

Students can get photocopy of answer books under RTI within the time limit prescribed by the college from the date of the declaration of the result. For getting the photocopy of answer sheets, students will have to apply with payment of fee as prescribed by the college.

15.2 Challenge Evaluation

- i) In compliance with the order number E- 2129/03-G. S/ 2019 T.C dated 24.04.2020 of His Excellency the Governor and the Chancellor, the following type of guidelines are prescribed for challenge evaluation in the college.
- ii) **Application period** - Candidates can apply for challenge evaluation within the time as decided by the controller of the examination from the date of declaration of result.
- iii) **Challenge evaluation fee:** For challenge evaluation, candidates have to pay fee as prescribed by the college.
- iv) **Challenge evaluation process:** Two subject experts of the concerned subjects will be nominated by the Controller of Examinations for challenge evaluation of a question paper. The average of the marks awarded by both the examiners in the challenge evaluation will be given to the candidate.
- v) **Challenge Assessment Score Guidelines:** If there is a difference of 20% or less of the original score in the challenge evaluation, the deposit fee will not be refunded. If the score of the examinee increases by more than 20% in the

Challenge evaluation, then the remaining amount will be returned after deducting amount as prescribed by the college.

16. Appointment of Examiners for Final examination of the Semester

Appointment of external and internal examiners shall be on basis of 50:50. A panel of examiners shall be proposed by the Board of Studies of each department shall be submitted to the Principal for approval and appointment of examiners.

17. Preparation of Final Examination Results

- 17.1 Each examiner shall prepare grade sheet in the proforma prescribed by the controller.
- 17.2 Each grade sheet shall be signed by the examiner.
- 17.3 There shall not be normally no over writing or erasing in the grade sheet. All cuttings should be signed by the examiner.
- 17.4 Grade sheet of mid-term examination shall be submitted to the controller of examination within a week from the date of examination of a particular course.
- 17.5 Moderator appointed by the principal shall moderate the question paper, if necessary.
- 17.6 Question paper must contain objective and descriptive questions. All questions shall be compulsory, choice if any be provided within a particular question.

18. Tabulation and Announcement of Results

- 18.1 The examination section shall do tabulation of the results.
- 18.2 The tabulation work shall be completed within 3 days from the last date of receipt of the grade sheet from the examiners.

19. Student Records

All records of the student related to registration and progression shall be maintained in the office of the Dean, and records related to examinations except short quizzes shall be maintained the office of the controller of examinations. The records of short quizzes and regular assessment, shall be maintained in the department. The duration for which documents pertaining to aforementioned records should be kept alive shall be prescribed by the college, which shall in no case be less than one academic session.

20. Use of Unfair Means

The terms "Use of unfair means in the examination" or "Attempt to use unfair means in the examination" shall denote the items prescribed by the academic council, through its resolutions, from time to time. Such cases will be decided by the guidelines of Mahatma Gandhi Kashi Vidyapeeth, Varanasi.

21. Regulation on conduct of students and Maintenance of Discipline

Students of the college shall exhibit good behavior and maintain good conduct within the college, in the hostel and anywhere in the college campus and shall not indulge themselves in acts of indiscipline. The following shall constitute acts of indiscipline.



- a) Keeping or using any firearms, lethal weapons, knives with a blade of more than four-inch length in the room or outside.
- b) Keeping or using intoxicants in any form.
- c) Gambling in any form.
- d) Ragging, bullying or harassing of students.
- e) Demonstration in any form, including processions or meetings.
- f) Strike or hunger strike.
- g) Using intemperate language.
- h) Recourse of violence, assault, intimidation and rioting etc.
- i) Disturbing other students in their studies.
- j) Damaging any college property.
- k) Showing or causing to show any disrespect to a teacher or staff members of the college, inside or outside of the campus.
- l) Any act specifically forbidden by the warden, chief warden, Dean of the Faculty and Principal.
- m) Adoption of unfair means in an examination.
- n) Molestation/rape/eve-teasing.
- o) Physical injury to fellow student or employees or anyone in the campus.
- p) Hostility towards a member of the faculty.

21.1 For an act of indiscipline, a student may be awarded a minor punishment or a major punishment.

i. Minor punishment may be any of the following:

- a. Warning
- b. Monetary fine
- c. Reprimand of record
- d. Conduct probation

ii. Major punishment may be any of the following punishment:

- a. Suspension
- b. Expulsion
- c. Rustication

21.1.1 Reprimand of Record:

This shall consist of an official warning to the student not to repeat any act of indiscipline. This will be noted on the student permanent record but not on any outgoing semester report or transcript.

21.1.2 Conduct Probation

A student found guilty for the violation of rules and regulations of the hostel, college or found guilty of an act of indiscipline or misbehavior may be placed on conduct probation for a specific period, which shall not be less than a semester. If student repeats the offence, he/she shall be placed on second conduct probation, if he/she repeats offence third time, the student shall be dropped from the college by the Principal. A student placed on conduct

The block contains five handwritten signatures in blue ink. From left to right, they appear to be: 'Singh', 'B. Singh', 'Gunn', 'S. Singh', and 'Singh'.

probation shall not avail any scholarship, fee freeship during the period of conduct probation.

21.1.3 Suspension

Suspension means removal of a student from the hostel/college for a specified period. Notwithstanding anything contained in the fore going provisions, Principal shall have the power to suspend a student form the hostel/college for a specified period not exceeding one month, pending receipt of recommendations of the proctorial Board. The Proctorial board/the Committee specially constituted by the Principal for investigation of the case shall submit its recommendation to the Principal within the specified period.

21.1.4 Expulsion

Expulsion is the removal of a student from the college rolls for a specified period as a punishment of indiscipline. An expelled student may rejoin his classes in the same semester after expiry of the period of expulsion with the permission of the principal and on such conditions as the principal may stipulate.

Note: No appeal shall lie against the minor punishment, suspension and expulsion and for this the decision of the Principal of the college shall be final.

21.1.5 Rustication

Rustication of a student from the college shall mean that name of the student shall be removed from the college rolls and he/she shall not be permitted to get admission in any faculty of this college or any other educational institution. The punishment awarded by the Principal subject to approval of the academic council.

21.2 Procedure to be followed for awarding punishment for an act of indiscipline:

On receipt of a complaint of an act of indiscipline against a student the proctorial Board shall call for an explanation of the student/students concerned. If he/she not satisfied with the explanation offered, he may conduct an inquiry, and record the statement of witnesses for and against and pass suitable orders. If he feels that a punishment more than his powers is called for in the case, he shall submit to the Principal who will dispose of the case in the same manner.



Table-1: B.Sc. (Hons.) Agriculture Syllabus as per ICAR's 6th Deans Committee Report
(Semester-wise distribution of courses)

S. No		Course Title	Credit Hours	Total credit hours
First year				
I Semester				
1	UNG-111	Deeksharambh (Induction cum Foundation Course)	2 (0+2) Non-gradual	
2	AES-111	Introductory Mathematics	1(1+0) Non-gradual	
3	AGR-111	Fundamentals of Agronomy	3(2+1)	
4	EXE-111	Communication Skills	2(1+1)	
5	EXE-112	Rural Sociology and Educational Psychology	2 (2+0)	
3	AHD-111	SEC-I : Poultry Production Technology	2 (0+2)	
7	HOR-111	Fundamentals of Horticulture	3(2+1)	
7	PPA-111	SEC-II : Mushroom Production Technology	2 (0+2)	
8	SAC-111	Fundamentals of Soil Science	3(2+1)	
9	SAC-112	Environmental Studies and Disaster Management	3(2+1)	
10	UCC-111	National Service Scheme (NSS-I)/ National Cadet Corps (NCC-I)	1(0+1)	21(11+10)
II Semester				
1	AGR-121	Farming based livelihood systems	3 (2+1)	
6	HOR-121	SEC-III : Horticulture Nursery Management	2 (0+2)	
2	AHD-121	Livestock and Poultry Management	2(1+1)	
4	ENT-121	Fundamentals of Entomology	3(2+1)	
5	ENT-122	SEC-IV : Beneficial Insect Farming	2 (0+2)	
6	EXE-121	Personality Development	2(1+1)	
8	PPA-121	Fundamentals of Plant Pathology	3(2+1)	
9	SAC-121	Soil Fertility Management	3(2+1)	
10	UCC-121	NCC-II/NSS-II	1(0+1)	21(10+11)
Second year				
III Semester				
1	AES-211	Principles of Agricultural Economics and Farm Management	2(2+0)	
2	AGE-211	SEC-V : Post Harvest Processing Technology	2 (0+2)	
3	AGE-212	Farm Machinery and Power	2 (1+1)	
4	AGR-211	Crop Production Technology-I (<i>Kharif</i> crops)	3(1+2)	
5	AGR-212	Principles and Practices of Natural Farming	2(1+1)	
6	ENT-211	Fundamentals of Nematology	2(1+1)	

7	GPB-211	Principles of Genetics	3(2+1)	
8	HOR-211	Production Technology of Fruit and Plantation Crops	2 (1+1)	
9	PHE-211	Physical Education, First Aid, Yoga Practices and Meditation	2(0+2)	20 (9+11)
IV Semester				
1	AES-221	Entrepreneurship Development and Business Communication	3 (2+1)	
2	AGE-221	Agricultural Informatics and Artificial Intelligence	3(2+1)	
3	AGR-221	Crop Production Technology-II (Rabi Crops)	3(1+2)	
4	AGR-222	Water Management	2 (1+1)	
5	AHD-221	SEC-VI : Food Processing	2 (0+2)	
6	ENE-221	Fundamentals of Extension Education	2(1+1)	
7	GPB-221	Basics of Plant Breeding	3(2+1)	
8	HOR-221	Production Technology of Vegetables and Spices	2(1+1)	
9	SAC-221	Problematic Soils and their management	2(1+1)	22 (11+11)
Third year				
V Semester				
1	AES-311	Agricultural Marketing and Trade	3 (2+1)	
2	AGR-311	Introduction to Agro-meteorology	2(1+1)	
3	AGR-312	Weed Management	2(1+1)	
4	GPB-311	Fundamentals of Crop Physiology	3(2+1)	
5	GPB-312	Crop Improvement (kharif crops) - I	2 (1+1)	
6	HOR-311	Ornamental Crops, MAPs and Landscaping	2 (1+1)	
7	HOR-312	Introductory Agro Forestry	2 (1+1)	
8	ENT-311	Pest management in Crops and Stored Grains	3 (2+1)	
9	PPA-311	Agricultural Microbiology and Phyto -remediation	2(1+1)	
10	UNG-311	Study Tour	2 (0+2) Non-gradual	21 (12+9)
VI Semester				
1	AES-321	Basic and Applied Agricultural Statistics	3(2+1)	
2	AES-322	Agricultural Finance & Cooperation	2(1+1)	
3	AGE-321	Renewable energy in Agriculture and Allied Sector	2(1+1)	
4	AGR-321	Dryland Agriculture/ Rainfed Agriculture and Watershed Management	2(1+1)	
5	GPB-321	Fundamentals of Agri Biotechnology	3(2+1)	
6	GPB-322	Crop Improvement (Rabi crops) - II	2(1+1)	
7	GPB-323	Fundamentals of Seed Science & Technology	2(1+1)	
8	PPA-321	Diseases of Field & Horticultural Crops and Their Management	3(2+1)	
9	SAC-321	Essentials of Plant Biochemistry	3 (2+1)	22(12+9)
Fourth year				







VII Semester

To opt any 5 Elective Courses each of 4 (3+1) credits from the list given below			
1	AES-411	Agri-Business Management	4 (3+1)
2	AGE-411	Protected cultivation	4 (3+1)
3	AGR-411	Principles and Practices of Organic Farming/ Conservation Agriculture	4 (3+1)
4	AHD-411	Food safety and standards	4 (3+1)
5	AHD-412	Food Science and Nutrition	4 (3+1)
6	ENT-411	Bioformulation and Nano formulation	4 (3+1)
7	EXE-411	Agricultural Journalism	4 (3+1)
8	GPB-411	Commercial Plant breeding	4 (3+1)
9	HOR-411	Hi-tech Horticulture	4 (3+1)
10	PPA-411	Biopesticides and Biofertilizers	4 (3+1)
11	SAC-411	Agrochemicals	4 (3+1)
			20(15+5)

VIII Semester

1	USR-421	Student READY: RAWE/ Industrial Attachment /Experiential Learning / Hands-on Training/ Project Work / Internship	20
			Total
			167
			*Online courses
			10
			Grand Total
			167+10*



Department wise Course Breakup

S. No		Department/ Course Title	Credit Hours	Sem
		Agricultural Economics		
1	AES-111	Introductory Mathematics	1(1+0) Non-gradual	I
2	AES-211	Principles of Agricultural Economics and Farm Management	2 (2+0)	III
3	AES-221	Entrepreneurship Development and Business Communication	3 (2+1)	IV
4	AES-311	Agricultural Marketing and Trade	3 (2+1)	V
5	AES-321	Basic and Applied Agril Statistics	3 (2+1)	VI
6	AES-322	Agricultural Finance & Cooperation	2 (1+1)	VI
7	AES-411	Agri-Business Management (Elective Course)	4 (3+1)	VII
		Total Credits	18 (13+5)	
		Agricultural Engineering		
1	AGE-211	SEC-IV (Post harvest processing technology)	2 (0+2)	III
2	AGE-212	Farm Machinery and Power	2 (1+1)	III
3	AGE-221	Agricultural Informatics and Artificial Intelligence	3(2+1)	IV
4	AGE-321	Renewable energy in Agriculture and Allied Sector	2(1+1)	VI
5	AGE-411	Protected cultivation (Elective Course)	4 (3+1)	VII
		Total Credits	13 (7+6)	
		Agronomy		
1	AGR-111	Fundamentals of Agronomy	3(2+1)	I
2	AGR-121	Farming based livelihood systems	3(2+1)	II
3	AGR-211	Crop Production Technology-I (<i>Kharif</i> crops)	3(1+2)	III
4	AGR-212	Principles and Practices of Natural Farming	2(1+1)	III
5	AGR-221	Crop Production Technology-II (<i>Rabi</i> Crops)	3(1+2)	IV
6	AGR-222	Water Management	2 (1+1)	IV
7	AGR-311	Introduction to Argo-Meteorology	2(1+1)	V
8	AGR-312	Weed Management	2(1+1)	V
9	AGR-321	Dryland agriculture/ Rainfed agriculture and watershed management	2(1+1)	VI
10	AGR-411	Principles and Practices of Organic Farming/ Conservation Agriculture (Elective Course)	4 (3+1)	VII
		Total Credits	26 (14+12)	
		Animal Husbandry		
1	AHD-111	SEC-I Poultry Production Technology	2 (0+2)	I
2	AHD-121	Livestock and Poultry Management	2 (1+1)	II
3	AHD-221	SEC-V Food Processing	2 (0+2)	IV

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

4	AHD-411	Food safety and standards (Elective Course)	4 (3+1)	VII
5	AHD-412	Food Science and Nutrition (Elective Course)	4 (3+1)	VII
		Total Credits	14 (7+7)	
		Agricultural Entomology		
1	ENT-121	Fundamentals of Entomology	3(2+1)	II
2	ENT-122	SEC-VI (Beneficial insect farming)	2 (0+2)	II
3	ENT-211	Fundamentals of Nematology	2(1+1)	III
4	ENT-311	Pest management in Crops and Stored Grains	3 (2+1)	V
5	ENT-411	Bioformulation and Nano formulation (Elective Course)	4 (3+1)	VII
		Total Credits	14 (8+6)	
		Agricultural Extension		
1	EXE-111	Communication Skills	2(1+1)	I
2	EXE-112	Rural Sociology and Educational Psychology	2 (2+0)	I
3	EXE-121	Personality Development	2(1+1)	II
5	EXE-221	Fundamentals of Extension Education	2(1+1)	IV
6	EXE-411	Agricultural Journalism (Elective Course)	4 (3+1)	VII
		Total Credits	12 (8+4)	
		Genetics and Plant Breeding		
1	GPB-211	Principles of Genetics	3(2+1)	III
2	GPB-221	Basics of Plant Breeding	3(2+1)	IV
3	GPB-311	Fundamentals of Crop Physiology	3(2+1)	V
4	GPB-312	Crop Improvement (<i>kharif</i> crops) - I	2 (1+1)	V
5	GPB-321	Fundamentals of Agri Biotechnology	3(2+1)	VI
6	GPB-322	Crop Improvement (<i>Rabi</i> crops) - II	2(1+1)	VI
7	GPB-323	Fundamentals of Seed Science & Technology	2(1+1)	VI
8	GPB-411	Commercial Plant breeding (Elective Course)	4 (3+1)	VII
		Total Credits	22 (14+8)	
		Horticulture		
1	HOR-111	Fundamentals of Horticulture	3(2+1)	I
2	HOR-121	SEC-III (Horticulture nursery management)	2 (0+2)	II
3	HOR-211	Production Technology of Fruit and Plantation Crops	2 (1+1)	III
4	HOR-221	Production Technology of Vegetables and Spices	2(1+1)	IV
5	HOR-311	Ornamental Crops, MAPs and Landscaping	2 (1+1)	V
6	HOR-312	Introductory Agro forestry	2 (1+1)	V
7	HOR-411	Hi-tech Horticulture (Elective Course)	4 (3+1)	VII
		Total Credits	17 (9+8)	
		Plant Pathology		
1	PPA-111	SEC-II Mushroom production technology	2 (0+2)	I
2	PPA-121	Fundamentals of Plant Pathology	3(2+1)	II

[Signature]

[Signature]


[Signature]

[Signature]

[Signature]

3	PPA-311	Agricultural Microbiology and Phyto - remediation	2(1+1)	V
4	PPA-321	Diseases of Field & Horticultural Crops & their Management	3(2+1)	VI
5	PPA-411	Biopesticides and Biofertilizers (Elective Course)	4 (3+1)	VII
		Total Credits	14 (8+6)	
		Soil Science		
1	SAC-111	Fundamentals of Soil Science	3(2+1)	I
2	SAC-112	Environmental Studies and Disaster Management	3(2+1)	I
3	SAC-121	Soil Fertility Management	3(2+1)	II
4	SAC-221	Problematic Soils and their management	2(1+1)	IV
5	SAC-321	Essentials of Plant Biochemistry	3 (2+1)	VI
6	SAC-411	Agrochemicals (Elective Course)	4 (3+1)	VII
		Total Credits	18 (12+6)	
		Other Common Courses		
1	UNG-111	Decksharambh (Induction cum Foundation Course)	2 (0+2) Non-gradual	I
2.	UCC-111	National Service Scheme (NSS-I)/ National Cadet Corps (NCC-I)	1(0+1)	I
3	UCC-121	NCC-II/NSS-II	1(0+1)	II
4	PHE-211	Physical Education, First Aid, Yoga Practices and Meditation	2(0+2)	III
5	UNG-311	Study Tour	2 (0+2) Non-gradual	V
		VIII Semester		
1	USR-421	Student READY :RAWE/ Industrial Attachment /Experiential Learning / Hands-on Training/ Project Work / Internship	20 (0+20)	
			Total	
		*Online courses	10	


(Prof. Devendra Kumar Singh)
Member


(Dr. Deo Narayan Singh)
Member


(Prof. Sanjay Kumar Shahi)
Member


(Prof. Pragya Parmita)
Member


(Prof. Raghwendra Pratap Singh)
Convenor