

GOA COLLEGE OF AGRICULTURE

*STUDENTS'
PROSPECTUS & HANDBOOK
Academic year 2024-25*

***B. Sc. (Hons.) Agriculture**
Four years Professional Degree Program*

*Aspire for a
Career in Agriculture*

AGRICULTURE



*Goa College of Agriculture
Ela Farm, Old Goa*



Published by

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Principal

Publication: May, 2024

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Foreword

We are eager to welcome students aspiring to join B. Sc. (Hons.) Agriculture, a professional four years degree program offered by Goa College of Agriculture, affiliated to the Goa University and funded and supported by the Govt. of Goa. The college has adopted Vth Dean syllabus offered by the Indian Council of Agricultural Research, New Delhi, Govt of India. The 40 acres sprawling college campus is abutting ICAR CCARI campus, Krishi Vigyan Kendra and government veterinary farm.

The college has qualified teachers assisted by non-teaching staff. There are ten departments offering various agricultural subjects for the holistic development of students planning for higher studies, civil service, research, agriprenurship etc. The college has collaboration projects with national and international organizations.

The college has meteorological stations to record weather data used for planning agricultural activities, forecasting the incidence of pests and diseases to advise farmers for integrated management in field. There are three poly houses for growing vegetables and seed production. The experimental plots are used for various field experiments and growing different crops and vegetables. It has dairy, goatery, poultry, bio-formulation, mushroom, honey bee rearing, dairy and food processing, composting and vermicomposting units.

The Rural Agricultural Work Experience (RAWEX) program offered to final year students aim to provide an opportunity to understand the rural situation in relation to agriculture and allied activities and also to transfer technology from the lab to land. The experiential learning program educates students to plan for the project, study its viability, undergo training and execute projects to earn while they learn.

The placement cell of the college organizes campus interviews for the recruitment of students in various organizations and also guide them for agriprenurship for self-employment and to establish agro-industries.

My best wishes to all our students for their studies, curricular activities, academic growth to be responsible citizens of our country.

Principal

**Goa College of Agriculture
is under the process of
Accreditation by NAEAB -
Indian Council of Agricultural Research (ICAR)
New Delhi, Govt of India**

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INTRODUCTION

Goa College of Agriculture

Vision

NURTURE THE YOUNG MINDS FOR AGRICULTURE

Mission

- Focus on continuous improvement of agriculture education.
- Establish Training and R & D centre for Goa and neighbouring states.
- Develop entrepreneurship skills in youth.
- Technological intervention for agriculture growth.

Directorate of Agriculture

Directorate of Agriculture, Government of Goa located at Krishi Bhavan, Tonca, Caranzalem, Goa is the pivot for the agricultural activities for the development of the state of Goa. It aims at self sufficiency or *Atmanirbhar* Goa in the field of agriculture and production to improve economic status of farmers of the state.

It provides online services to farmers for Krishi card, Irrigation, Soil nutrition, Trade and business, Infrastructure, Seeds, Machinery, Horticulture etc.

DOA has Agriculture Technology Management Agency (ATMA), a society of key stakeholders involved in agricultural activities for sustainable agricultural development. It is a focal point for integrating Research and Extension activities and decentralizing day to day management of the public Agricultural Technology System. The objectives of ATMA include identification of specific needs of farming community for farming system based agricultural development, draw plans for production-based system activities to be undertaken by farmers/ultimate users, execute plans through line departments, training institutions, NGOs, farmer's organizations and allied institutions;

To coordinate efforts being made by various line departments, NGOs, farmers organizations and allied institutions to strengthen research extension-farmers linkages in the district and to promote collaboration and coordination between various State funded technical departments, empowerment of farmers and facilitate market interventions for value addition to farm produce.

SAMETI

State Agricultural Management & Extension Training Institute (SAMETI) established under the Directorate of Agriculture is located at Ela farm, old Goa. It aims at capacity building programmes on Agricultural Technology, Extension Management, Extension Reforms and Information Technology.

Apart from conducting training programmes, SAMETI facilitates infrastructure to conduct workshops and reviews.

It further aims at providing consultancy in the areas of project planning, appraisal, implementation, monitoring & evaluation, etc, Develop and promote application of management tools for improving the effectiveness of Agricultural Extension services, Organize need based training programmes for middle level extension functionaries, Develop modules on Management, Communication, Participatory Methodologies etc, Organize Annual Workshop involving all the agricultural related training Institutes in the State to achieve complementarity in training and capacity building for functionaries of agriculture and allied departments.

Geographical Location

Goa College of Agriculture is located in Ela farm complex, which also includes the Zonal Agriculture Office. It is located along Old Goa – Pilar Road in Tiswadi Taluka of North Goa District and comes under Old Goa village panchayat jurisdiction. The nearest city is Panjim situated at a distance of about 10 kilometers from the college.

The major economic activities in Old Goa and neighbouring villages are agriculture and pisciculture. The majority of the population in village is engaged in agriculture either working in their own land or as daily wage earners in village and nearby cities. Some people are engaged in their traditional pisciculture mainly catching prawns and fishes entering sluice gates through sea water.

The people in the village are very amiable and are willing to engage in various activities with proper guidance.

Goa

Goa encompassing an area of 3702 sq km is a small state on the south-western coast of India within the region known as Konkan, which is geographically separated from the Deccan highlands by the Western Ghats. It is surrounded by the Indian states of Maharashtra to the north and Karnataka to the east and south, with the Arabian Sea forming its western coast. It is a rich treasure of biodiversity with different flora and fauna. The Goa has about 60% of forest cover, the highest among states of India.

- Total geographical area: 3,702 Sq. Km (370200 ha)
- Total reported area according to village papers for land utilization: 36,1,113 ha
- Area under forest: 1,25,473 ha
- Net area sown: 1,29,131 ha
- Area sown more than once: 22,826 ha
- The gross cropped area: 1,51,957 ha

Agriculture is one of the important economic activities in the state. The weather in Goa is mostly suitable for horticultural crops. Rice and fish being the staple diet of the people, paddy becomes the major crop of Goa. The important crops, apart from paddy, ragi, pulses and vegetables are cash crops coconut, cashew-nut, areca nut, mango, jackfruit, banana, pineapple grown in abundance.

STATUS OF GOA COLLEGE OF AGRICULTURE

The Goa College of Agriculture inaugurated by the Chief Minister of Goa Dr Pramod Sawant on 27th Sep 2022 and offering professional B. Sc. (Hons.) Agriculture degree is the first government Agriculture college affiliated to the Goa University, Govt of Goa. It is established to provide agriculture education to students from Goa and other states of India. The college adopts Vth Deans' syllabus provided by Indian Council of Agricultural Research, Govt of India. Its campus has spread to over 40 acres area comprising college building, laboratories, boys and girls hostels, poly houses and experimental fields. There is cultivation of horticultural crops, vegetables and field crops. The college has experiential milk processing unit and projects on production of biocontrol agents, composting, vermicomposting, apiary, seed production, organic farming, scientific research etc. The students are provided with many facilities, which include library, wi-fi connectivity, common rooms, canteen, study room etc.

Future line of action

1. Organic farming – organic cultivation of field crops, vegetables, horticulture crops.
2. Agriculture entrepreneurship – Food processing, honey production, dairy processing, mushroom cultivation, goatery, bio-formulations, nursery management and hydroponics.
3. MoU with different education institutes and industries.
4. Collaborative projects with NABARD and Directorate of Agriculture, Goa – Polyhouse cultivation, seed production, lab to land programs.

College Regulations

CODE OF CONDUCT FOR STUDENTS

1. Goa College of Agriculture always expects its students to conduct themselves with dignity, decency and decorum; they are expected to keep up to a very high moral and social behavior even outside the college campus to keep up the name of the college.
2. All the students are responsible to their conduct in the College premises. Students of this college shall abide by the rules that may be made by the Principal or by the persons authorized by him from time to time. Disobedience, misconduct, misbehavior, sexual harassment or failure to comply with any of the rules will entail punishment including expulsion from the college.
3. Every student must wear the College Identity Card during college hours, college and University examination. Failure to do so will entail a fine of Rs.100/- per violation. The Identity Card shall be returned to the College Office without fail for cancellation when the students leave the college.
4. No student should invite any outsider to attend classes, functions or for any other purpose without the prior permission of the Principal.
5. Students applying for certificates, testimonials, letters of reference or any other document requiring the Principal's signature should apply for the same in writing and claim them from the office after three days. No papers should be brought by the students directly to the Principal or Vice-Principal for signature.
6. Students should take particular care to be punctual at all lectures & practicals. Absence from a single lecture must be justified in writing and if the prolonged illness is the cause, a medical certificate must be submitted on the day of resuming class. On duty, record for absence due to participation in activities to be submitted on the following day of the activity.
7. Students are required to adhere to the Ordinance of Goa University. Please refer to the Goa University Ordinance OC-64 & OC-64A available at:
https://www.unigoa.ac.in/uploads/config_docs/20201223.043026~Ordinances_Part_C_21_Dec_2020.pdf

8. Students are required to have a minimum attendance of 85% per course to be eligible to appear for the SEA.
9. Any student having grievance about his attendance should notify the college Principal in writing within three days from the date of declaration of attendance on the College Notice Board.
10. Students should read the notices displayed on the College notice board from time to time. However, some urgent notices may be read out in the class-rooms.
11. Ragging is a cognizable offence and is banned in the institution. Anyone found indulging in 'ragging' is likely to be punished appropriately, which may include expulsion from the college by the principal.
12. Students will form no association and will arrange no meetings in the College, without prior permission of the principal.
13. Students should not loiter in the college corridor or cause disturbance on the College premises while the classes are in progress or at any other time.
14. Smoking on college premises is strictly prohibited.
15. Students are expected to take proper care of the college property and to help in keeping the premises neat and tidy; the damage done to the college property is a breach of discipline and will be dealt with severely.
16. Students will refrain from selling tickets or coupons of outside organizations in the college without the prior permission of the principal.
17. Letters received by day scholars, will not be delivered to them. Students are requested not to give the college address for their personal mail.
18. Students are not allowed to use cell phones in the classrooms. Violation of this rule would result in confiscation. The decision of the Principal in all matters shall be final and binding on all students.

ORDINANCE 64A

The Goa College of Agriculture is governed by Ordinance 64 and 64A of the Goa University.

OC-64A RELATING TO THE FOUR-YEAR INTEGRATED DEGREE PROGRAMME OF BACHELOR OF SCIENCE (HONS.) IN AGRICULTURE B.Sc. (Hons.) Agriculture (w.e.f. Academic Year 2019-20) OC-64A.1

GENERAL

1. Objectives

To equip human resources with greater practical skills to cater to the needs of public, private and corporate sectors in Agriculture, to impart knowledge and training in interdisciplinary production-oriented courses in Agriculture and, to provide experiential learning and hands-on-training for developing entrepreneurial skills.

2. Introduction

This Degree Programme provides hands-on practical experience in crop production and allied activities to prepare the candidate to carry out crop husbandry in an economically and ecologically sustainable manner.

For Quality Assurance in Agricultural Education, we give priority to the maintenance of norms and standards with regard to education, research and extension, NSS, Physical Education, Hostel Management, Student Counselling and Placement, Cultural and Sports Activities are encouraged.

3. Degree to be Awarded

The Degree to be awarded after successful completion of the Programme shall be Bachelor of Science (Hons.) Agriculture [B.Sc. (Hons.) Agriculture].

4. Duration of the Programme

The Programme shall comprise eight Semesters in four Academic Years, which shall include six Semesters of Course Work and one Semester each of Rural Agricultural Work Experience Programme (RAWEP) and Hands-on Training (HOT) Experiential Learning Module.

A student shall be required to complete a minimum of 181 Credits for the award of the Degree. The number of credits for calculating CGPA shall exclude non-graded Courses for Education Tour, Heritage, Human Values and Ethics, Forestry, Physical Education, NCC/NSS.

ADMISSION

1. A candidate who has passed the HSSC Examination of Goa Board of Secondary and Higher Secondary Education, or its equivalent, with Physics, Chemistry, Biology/Vocational Horticulture/Floriculture, and Mathematics and obtained minimum 50% marks in aggregate, shall be eligible for admission (XIth Science with Physics, Chemistry, Biology or Physics, Chemistry, Maths or Physics, Chemistry, Biology, Maths or Vocational Horticulture/floriculture with Chemistry, Biology)
2. A candidate who does not have Mathematics at the HSSC Examination shall be eligible for admission but shall have to complete a Bridge Course in Mathematics in Semester I.
3. A candidate who does not have Biology at the HSSC Examination shall be eligible for admission but shall have to complete a Bridge Course in Biology in Semester I.

SELECTION OF STUDENTS

Students for admission to B. Sc. (Hons.) Agriculture will be selected based on percentage of marks scored in XIth Science.

Intake of students

Totally 60 students will be admitted to the college on merit.

Reservation Policy

The College follows the Reservation Policy of the Government of Goa

OBC	ST	SC	PD	EWS
27%	12%	2%	5%	10%

Fee Structure

Admission fees will be collected in an online mode.

Fee structure is subject to changes as per the guidelines of the DHE.

Fee Structure (Students with Domicile)

Sr. No.	Fee Head	First Year	Second Year	Third Year	Fourth Year
1	Tuition Fees (I & II Semesters)	20,000	20,000	20,000	20,000
2	Registration fees	630	-	-	-
3	Library Fee	800	800	800	800
4	Gymkhana Fee	420	420	420	420
5	Cultural/Other fee	420	420	420	420
6	Student Aid Fund	130	130	130	130
7	Library Deposit	2,000	-	-	-
8	Laboratory Deposit	2,000	-	-	-
9	Caution money Deposit	1,750	-	-	-
10	Laboratory Fee	2,200	2,500	2,500	2,500
11	IT Charges	900	900	900	900
12	IAIMS	225	225	225	225
13	ID Card	150	150	150	150
14	PTA	100	100	100	100
15	Magazine/ Acad. Diary/ Placement Brochure	500	500	500	500
16	Field trips	1,800	1,000	1,000	1,000
17	Academic restructure & development	1500	1500	1500	1500
	Total Fee	35,525	28,645	28,645	28,645

FEE Structure (Students without Domicile)

Sr. No.	Fee Head	First Year	Second Year	Third Year	Fourth Year
1	Tuition Fees (I & II Semesters)	80,000	80,000	80,000	80,000
2	Registration fees	630	-	-	-
3	Library Fee	800	800	800	800
4	Gymkhana Fee	420	420	420	420
5	Cultural/Other fee	420	420	420	420
6	Student Aid Fund	130	130	130	130
7	Library Deposit	2,000	-	-	-
8	Laboratory Deposit	2,000	-	-	-
9	Caution money Deposit	1,750	-	-	-
10	Laboratory Fee	2,200	2,500	2,500	2,500
11	IT Charges	900	900	900	900
12	IAIMS	225	225	225	225
13	ID Card	150	150	150	150
14	PTA	100	100	100	100
15	Magazine/ Acad. Diary/ Placement Brochure	500	500	500	500
16	Field trips	1,800	1,000	1,000	1,000
17	Academic restructure & development	1500	1500	1500	1500
	Total Fee	95,525	88,645	88,645	88,645

Separate Examination fee will be charged as per the Goa University guidelines

Examination FEE Structure

Semester I Examination Fee

Sr. No.	Particulars	Fee Per Credit	No. of Credits	Total
1	Theory	220	12	2640
2	Practical	220	9	1980
3	Statement of Marks (GU)	100	-	100
4	Examination Form	75	-	75
5	Examination Registration fee	380	-	380
	Total Fee			5175/-

Semester I Examination Fee (Mathematics Deficiency)

Sr. No.	Particulars	Fee Per Credit	No. of Credits	Total
1	Theory	220	14	3080
2	Practical	220	9	1980
3	Statement of Marks (GU)	100	-	100
4	Examination Form	75	-	75
5	Examination Registration fee	380	-	380
	Total Fee			5615/-

Semester I Examination Fee (Biology Deficiency)

Sr. No.	Particulars	Fee Per Credit	No. of Credits	Total
1	Theory	220	13	2860
2	Practical	220	10	2200
3	Statement of Marks (GU)	100	-	100
4	Examination Form	75	-	75
5	Examination Registration fee	380	-	380
	Total Fee			5615/-

Semester II Examination Fee

Sr. No.	Particulars	Fee Per Credit	No. of Credits	Total
1	Theory	220	14	3080
2	Practical	220	10	2200
3	Statement of Marks (GU)	100	-	100
4	Examination Form	75	-	75
5	Examination Registration fee	380	-	380
	Total Fee			5835/-

Semester III Examination Fee

Sr. No.	Particulars	Fee Per Credit	No. of Credits	Total
1	Theory	220	13	2860
2	Practical	220	11	2420
3	Statement of Marks (GU)	100	-	100
4	Examination Form	75	-	75
5	Examination Registration fee	380	-	380
	Total Fee			5835/-

Semester IV Examination Fee

Sr. No.	Particulars	Fee Per Credit	No. of Credits	Total
1	Theory	220	12	2640
2	Practical	220	13	2860
3	Statement of Marks (GU)	100	-	100
4	Examination Form	75	-	75
5	Examination Registration fee	380	-	380
	Total Fee			6055/-

Semester V Examination Fee

Sr. No.	Particulars	Fee Per Credit	No. of Credits	Total
1	Theory	220	14	3080
2	Practical	220	10	2200
3	Statement of Marks (GU)	100	-	100
4	Examination Form	75	-	75
5	Examination Registration fee	380	-	380
	Total Fee			5835/-

Semester VI Examination Fee

Sr. No.	Particulars	Fee Per Credit	No. of Credits	Total
1	Theory	220	13	2860
2	Practical	220	10	2200
3	Statement of Marks (GU)	100	-	100
4	Examination Form	75	-	75
5	Examination Registration fee	380	-	380
	Total Fee			5615/-

Semester VII Examination Fee

Sr. No.	Particulars	Fee Per Credit	No. of Credits	Total
1	Theory	220	-	-
2	Practical	220	20	4400
3	Statement of Marks (GU)	100	-	100
4	Examination Form	75	-	75
5	Examination Registration fee	380	-	380
	Total Fee			5505/-

Semester VIII Examination Fee

Sr. No.	Particulars	Fee Per Credit	No. of Credits	Total
1	Theory	220	-	-
2	Practical	220	20	4400
3	Statement of Marks (GU)	100	-	100
4	Examination Form	75	-	75
5	Examination Registration fee	380	-	380
6	Result Processing Fee (GU)	550	-	550
	Total Fee			5505/-

Refund of tuition and other fees:

- a. Fee deposited by a student will be refunded as per below guidelines provided by Goa University vide letter no. GU/130/Acad-PG/Refund-of-fees/327 dated 23/11/2019

Sl. No.	Point of time when notice of withdrawal of admission is served to College/University	% Refund of Aggregate fees*
1.	15 days or more before the formally notified last date of admission	100%
2.	Less than 15 days before the formally notified last date of admission	90%
3.	15 days or less after the formally notified last date of admission	80%
4.	More than 15 days but less than 30 days after formally notified last date of admission from the last date of admission	50%
5.	More than 30 days after formally notified last date of admission	00%

**(Inclusive of tuition fees and non-tuition fees but exclusive of Caution Deposit and Security Deposit)*

- b. Caution Deposit and Security Deposit shall be refunded in full.
- c. In case of (1) in the table above, 5% of the fees paid by the student, subject to a maximum of Rs. 5000/- shall be deducted as processing charges from the refundable amount.

OC-64A.2 PROGRAMME STRUCTURE

- (a) The structure for the four-year Degree Programme in B. Sc. (Hons.) Agriculture comprising eight Semesters shall consist of Courses, each assigned a number of Credits as per the Course requirement.
- (b) The maximum number of Credits per Semester shall be twenty-five.
- (c) One Credit shall be equivalent to one hour theory lecture or three hours of Laboratory/Field Work per week.
- (d) Each instructional period shall be of one hour duration.

Program Structure

Semester I

- (i) There shall be ten compulsory Courses in the area of Agronomy (2 Courses), Animal Science, Extension, Horticulture, Language, Microbiology, Soil Science, Agricultural Heritage, and Human Values and Ethics comprising a total of 19 Credits, of which 12 shall be Theory and 7 shall be Practical.
- (ii) Physical Education and NSS are non-graded compulsory courses of 1 Credit each.

Semester II

- (i) There shall be nine compulsory Courses in the area of Agronomy, Botany, Economics, Engineering, Entomology, Extension (2 Courses), Genetics, and Pathology comprising a total of 21 Credits, of which 13 shall be Theory and 8 shall be Practical.
- (ii) Forestry and Education Tour are non-graded Compulsory Courses comprising 2 Credits in Forestry and 1 Credit in Education Tour.

Semester III

- (i) There shall be 11 compulsory Courses in the area of Agronomy (2 Courses), Entomology, Genetics, Horticulture, Pathology, Engineering, Biochemistry, Computer, Environmental Sciences, and Statistics comprising a total of 24 Credits, of which 13 shall be Theory and 11 shall be Practical.

Semester IV

- (i) There shall be 10 Compulsory Courses in the area of Agronomy (3 Courses), Animal Science, Economics, Engineering, Entomology, Genetics, Horticulture, and Soil Science comprising a total of 21 Credits of which 11 shall be Theory and 10 shall be Practical.
- (ii) The student shall select one Elective Course of 3 Credits from a list decided by the Board of Studies and approved by the Academic Council.
- (iii) Education Tour will be a Compulsory non-graded Course of 1 Credit.

Semester V

- (iv) There shall be 10 Compulsory Courses in the areas of Agronomy, Animal Science, Botany, Economics, Entomology, Genetics, Horticulture, Pathology, Extension, and Soil Science comprising a total of 21 Credits of which 12 shall be Theory and 9 shall be Practical.
- (v) The student shall select one Elective Course of 3 Credits from a list decided by the Board of Studies and approved by the Academic Council.

Semester VI

- (vi) There shall be 10 Compulsory Courses in the area of Agronomy (2 Courses), Animal Science, Economics, Engineering and Entomology, Food Science, Genetics, Horticulture, and Pathology comprising a total of 20 Credits, of which 11 shall be Theory and 9 shall be Practical.
- (vii) The student shall select one Elective Course of 3 Credits from a list decided by the Board of Studies and approved by the Academic Council.

Semester VII

Rural Agricultural Work Experience Programme (RAWEP)

- (viii) The students will work in the villages in the area of Agronomical Intervention, Plant Protection Interventions, Extension & Transfer of Technology, Village survey, rural Economics and Agro-based industries comprising of 20 Credits.
- (ix) The duration of RAWEP is 20 weeks including one week of orientation and one week of report-writing. 13 weeks are allotted for compulsory rural village stay and 5 weeks are allotted for Agro-based Industry attachment.
- (x) The evaluation will comprise of skills learnt, proficiency in project execution, project report and viva-voce.
- (xi) The minimum attendance for RAWEP is 85%.
- (xii) Students shall complete the record work based on daily field observation notebooks and weekly diaries maintained by them.
- (xiii) The Course Coordinator and/or a designated Evaluation Committee shall evaluate the RAWEP.

Semester VIII

Experiential Learning/Hands-on-Training

- (i) Students are required to opt for any two Courses/Module of 10 Credits each, adding up to 20 Credits from a list decided by the Board of Studies and approved by the Academic Council.
- (ii) Students must have adequate hands-on experience on different aspects for which the final year of the Programme is structured to provide for six months of experiential learning or six months of attachment with industry/modern horticulture farm. For this purpose, the students shall be required to prepare a work plan in the area selected with an end-to-end approach that is from purchasing the input, to producing a product and marketing. It would also have components of project development, monitoring and accounting. At the end of completion of the project, students shall submit a report for evaluation. There shall be an advisor to guide the student(s), and the Committee appointed by the Principal/Dean of the College shall evaluate the project.
- (iii) The evaluation shall comprise skills learnt, proficiency in project execution, project report and viva-voce.

OC- 64A.2.2 Attendance

Students are required to have a minimum attendance of 85% per course to be eligible to appear for the SEA.

OC-64A.3 SCHEME OF EXAMINATION

1. (a) There shall be Intra Semester Assessment (ISA) and Semester End Assessment (SEA).
- (b) Each Course shall be evaluated for 100 marks.
- (c) Courses of Semesters I to VI having theory and/or practical component shall be evaluated as indicated below:

(i) Courses with Theory and Practical Components	Maximum Marks
1. Intra Semester Assessment (ISA)	20
2. Semester End Assessment (SEA)	50
3. Practical Examination (SEA)	20
4. Submissions/Report Records (SEA)	10
Total	100

(ii) Courses with only Theory	Maximum Marks
1. Intra Semester Assessment (ISA)	20
2. Semester End Assessment (SEA)	50
3. Submissions/Report Records (SEA)	30
Total	100

(iii) Courses with only Practical Component	Maximum Marks
1. Practical Work	60
2. Record and Assignment (SEA)	10
3. Semester End Assessment (SEA)	30
Total	100

(d)

(iii) Courses with only Practical Component (Semesters VII and VIII)	Maximum Marks
1. Practical Work	60
2. Project Report (SEA)	30
3. Viva Voce Examination (SEA)	10
Total	100

(e) Practical examinations shall be conducted by the Course Instructor(s) and one teacher nominated by the Head of Department (HoD).

2. The ISA component shall carry 20% of maximum marks and the SEA component shall carry 80% of maximum marks allotted for the Course, except for Crop Production, RAWEP and HOT, which are practical based Courses.

(a) The ISA shall be conducted twice in a given Semester for the theory component of a Course, once through a written class test and the other by using alternate modes of evaluation such as assignment, presentation, orals.

- (b) ISA shall not be conducted for the Practical component of a Course.
- (c) Generally, the ISA for a given Course shall be conducted by the teacher(s) teaching the Course.
- (d) The schedule for the ISA component shall be notified at the beginning of the Semester.
- (e) The marks of ISA shall be communicated to the students within two weeks.
- (f) The test shall preferably be completed by the end of July for odd Semesters and end of January for even Semesters. Students who fail to appear for the test due to a genuine reason shall be given another opportunity by the end of August/February on a date pre-determined by the College. The other component of ISA will be completed as decided by the teacher but before the end of the Semester.
- (g) Every College shall appoint a three-member committee to monitor the ISA in the College. There shall be no remission in workload or remuneration for carrying out this work.
- (h) A student who does not appear for both the ISA components shall not be eligible to answer SEA of that paper.

3. The SEA shall be conducted at the conclusion of a given Semester. SEA shall cover the course of studies prescribed for the respective Semester.

(a) A Candidate shall be considered to have successfully fulfilled the requirements of a Semester and shall be deemed eligible to appear for the SEA provided he/she fulfils the minimum attendance requirements as per OC-64A2.2

(b) The duration of the SEA theory paper shall be of two hours.

(c) A tentative schedule of SEA examination, evaluation, declaration of results shall be prepared by the respective College(s), preferably at the beginning of each academic year and shall be notified to the students with a copy to the University. Setting of the question papers, evaluation of answer-scripts and declaration of results shall be done by the respective College.

(d) The pattern of question paper(s) to be set for the SEA in a given subject and the scheme of marking shall be decided by the Board of Studies (BoS) in that subject. For this purpose, the BoS shall frame specimen question paper(s) in the concerned subject for each Semester for the information of the students. If two or more colleges desire to have the same question paper in any of the subjects, a common paper may be set by the teachers from the concerned colleges. For this purpose, a Committee of senior teachers shall be constituted by the Principals of the concerned Colleges.

(e) Assessment of answer-scripts of SEA for Semesters I to VIII shall be done by the teachers of the respective college(s).

4. Revaluation

- (a) There shall be no revaluation.
- (b) However, in Semesters I to VI, personal verification of marks of answer books of the candidates shall be granted to the candidate.
 - (i) The candidate shall apply for verification along with payment of prescribed fees within one week of the declaration of result.
 - (ii) On a notified day and time, which shall be not later than 10 days after the receipt of application from the candidate, the candidate shall be shown the answer book in the office of the Dean/Vice-Principal in the presence of the Examiner concerned.
- (c) If the candidate is not satisfied with the result on personal verification of answer book, he/she may apply within a week to the College Grievance Committee (CGC) as defined in OC-64.4.3 along with payment of the prescribed fees.
 - (i) The CGC shall take appropriate action as per the relevant Ordinance and inform the candidate of the decision taken accordingly.
- (d) At Semesters VII and VIII examinations, in case the candidate is not satisfied with the result, he/she may apply to the CGC along with payment of the prescribed fees. The CGC shall verify the field records and project report, and, if it deems fit, shall recommend to the Principal that the viva voce examination be reconducted.

5. Standard of Passing

- (a) A student is required to score a minimum of 60% of the maximum marks equal to 6.00/10.00 Grade Point in each Course.
- (b) There shall be a combined head of passing for the ISA and SEA components to pass a Course.

6. Grading System

- (a) To be eligible for a grade/class, a student is required to complete the Programme in the minimum prescribed period.
- (b) (i) The marks obtained in each course will be converted to grade points in a ten points scale, where the grade point is equal to one-tenth of the percent of marks obtained by the student.
 - (ii) The grade points will be converted to credit points. Credit points will be calculated by multiplying grade points by the respective number of course credits.

- (c) The Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) will be computed as per the method stated in the General Ordinance OA-16 for 10 points scale as in sub-section (b) above.
- (d) The grade/class shall be awarded on the basis of the total aggregate marks scored in Semesters I to VIII as follows:

Percentage	Grade	Class	Grade Points
90% & Above	A	Distinction	9.0 & Above
80% to <90%	B	First Class	8.0 to <9.0
70% to <80%	C	Second Class	7.0 to <8.0
60% to <70%	D	Third Class	6.0 to <7.0

7. Declaration of Results

(a) The statement of marks or Grade Card on the ten points scale for Semesters I to VIII shall be issued by the respective College signed by the Examination Committee Chairperson and Principal.

(b) The consolidated Grade Card at the end of Semester VIII, indicating the coursewise Grade points & Credit points of each Semester and the Cumulative Grade Point Average (CGPA), shall be issued by the University.

8. Improvement of Grade

(a) A candidate who has passed the B.Sc. (Hons.) Agriculture Degree examination and desires to improve his/her performance/total score shall be permitted to appear again.

(b) However, such a candidate shall be allowed to reappear only in the SEA component of all the Courses of Semesters I to VI.

(c) In such a case, the marks of the ISA component of Courses of Semesters I to VI, as well as the marks scored in Courses of Semesters VII and VIII at the first appearance shall be carried forward for tabulation of the result under –improvement of performance.

(d) This facility to reappear under –improvement shall be available only during the immediate subsequent regular Semester examinations.

(e) The candidate availing of this provision shall be considered to have passed –under improvement and this fact shall be recorded on his/her statements of marks and other relevant documents.

(f) The candidate shall be required to surrender the original statement of marks and other relevant documents at the time of receiving the fresh statement of marks in the event of improvement of performance/total score.

(g) The performance of a candidate, who appears under this provision and fails to improve, shall be ignored.

(h) A candidate can appear only once for each Semester under this clause.

9. Supplementary Examination

(a) An unsuccessful candidate who obtains the minimum percentage of marks prescribed for passing in a Course shall be exempt from reappearing in that Course.

(b) A supplementary SEA shall be conducted, preferably after 15 days from the declaration of results of Semester examinations, for those Courses in which a candidate is unsuccessful, and the marks secured in ISA shall be carried forward.

(c) He/she shall be declared to have passed the full examination on passing in the remaining Courses.

OC-64A.4 COLLEGE COMMITTEES

The following Committees shall be constituted by the Principal of the College for a tenure of three years each.

1. College Examination Committee
2. College Unfair Means Inquiry Committee
3. College Grievance Committee

1. The College Examination Committee

The College Examination Committee shall consist of:

- i) A senior teacher who shall be the Chairperson
- ii) Two to four regular teachers (in addition to the Chairperson); there shall be no remission in work-load.

(a) This Committee shall be in charge of all matters pertaining to all the Semester Examinations in the College.

(b) The Committee shall prepare the examination time-table, arrange to get the question paper sets printed, answer books assessed, results tabulated and announced, and individual statement of marks prepared and issued to the candidates.

2. The College Unfair Means Inquiry Committee (CUMIC)

The CUMIC shall be constituted with the following members:

- i) Vice-Principal or a senior teacher as Chairperson
- ii) Two members of the College Examination Committee

(a) This Committee shall investigate into the cases of unfair means and malpractices reported in a manner prescribed below and shall recommend to the Principal a course of action as prescribed in OA-5.14

(b) The following procedure shall be followed for investigating the cases of candidates alleged to have used unfair means at the Semesters I to VIII:

vii) The candidate shall be served with a show cause notice and made aware of the charges/allegations reported against him/her so as to enable him/her to prepare his/her defense at the time of appearance before the CUMIC and informing him/her thereby of the proposed action to be taken in his/her case, with a request to bring a written reply at the hearing as to why the action proposed should not be taken against him/her.

viii) The reply received by the Committee from the candidate when he appears before it shall be considered by the Committee and the final recommendation in the matter be taken and reported to the Principal for his approval.

ix) The punishment finally awarded shall be equal to or less than what is mentioned in the show cause notice, but not more than what is mentioned therein.

x) The CUMIC is a recommendatory body. The Principal has to exercise his/her power under Statute SB-13 (iv) of the University and issue a final order.

xi) The category of malpractice and the quantum of punishment for each category thereof shall be as given in Ordinance OA-5.14.19.

xii) In addition to these guidelines, each case be examined in detail and punishment awarded on the merit of each case.

3. College Grievance Committee (CGC)

The CGC shall be constituted as under:

- i) Vice-Principal/Senior member of teaching staff as Chairperson, provided that he is not the Chairperson of CUMIC.
- ii) Two regular teachers, who are not members on CUMIC or the College Examination Committee.

(a) In case the grievance concerns any member of the Committee, the Principal shall reconstitute the Committee, excluding the concerned member.

(b) This Committee shall investigate into written complaints from the students referred to them by the Principal in the conduct of examinations in a manner as prescribed below, and recommend a course of action to the Principal as prescribed in OA-5.14.

i) The Committee shall consider the written complaint of a student on the conduct of examination provided that:

a) The complaint is submitted within 15 days after the declaration of results;

b) The complaint is accompanied with the prescribed fee of Rs. 200/- or as notified from time to time, which shall be refundable if the complaint is found genuine; and

c) The matter is referred to the Committee by the Principal.

ii) The Committee shall seek necessary explanation in connection with allegations made by the student, from the concerned party. iii) After considering the explanation from the concerned party, the committee shall recommend a course of action in writing to the Principal.

iv) The Principal shall inform the student about the findings of the Committee and shall take appropriate action including reassessment of the said answer book. However, if the marks are reduced after revaluation of the said answer book, the original marks shall be retained and the student informed that there is no change in his/her results.

v) A minimum fine of Rs.200/- extending upto Rs.500/-, shall be imposed on the student complainant, if the said allegation(s) is/are found to be a deliberate attempt at casting aspersions on the teacher(s) concerned. If the allegations are found to be genuine and the same is recorded giving reasons, action shall be taken as provided under OA-5.2.6.

SCHOLARSHIPS

Government Scholarship:

1) Post Matric Scholarship Scheme and Gagan Bharari Scheme/Merit Base Scholarship to ST Students.

2) Post Matric Scholarship Scheme to SC/OBC Students.

3) Gagan Bharari Shiksha Yojana to students belonging to Dhangar Community.

4) Sant Sohrobanath Ambiyee Dnyanvrudhi Shishyavrutti (Bursary Scheme)

5) Fee Waiver Scheme to SC/ST students pursuing Higher Education.

6) Dayanand Bandodkar Scheme to Orphans for Higher Education.

7) Student Aid Fund (Annual income of parents should not exceed Rs. 2 Lakhs (per annum))

Mentoring:

Each student admitted to college will be mentored by staff members on their academic and co-curricular development.

College Uniform:

Each student should wear uniform in college and white lab coat during practicals.

College Library:

The college library has a collection of textbooks, reference books, journals, e-books and magazines for the benefit of students. The students are allowed to take 3 books at a time for the duration of 7 days. Book Bank Scheme facility is available for students belonging to ST/SC/OBC where students are issued 5 textbooks for one Semester.

Hostel Facility:

Hostel facility for boys and girls is available for students preferably staying at distant places. The students desirous of staying in hostel should submit the application to hostel authority.

Canteen Facility:

Canteen facility is provided in college campus for the benefit of students and staff members.

Student Requirements

- 1) Uniform
- 2) Lap top
- 3) Android Mobile
- 4) Lab coats
- 5) "T" shirts for field work (*as suggested by the college*)
- 6) Gardening and field kits

Academic Calendar:

The academic year will commence from 2024-25.

Departments

Sl no	Departments/Subjects
1	Agronomy
2	Horticulture
3	Soil Science and Agricultural Chemistry
4	Agricultural Entomology
5	Plant Pathology + Agricultural Microbiology
6	Agricultural Botany/Genetics and Plant Breeding + Crop Physiology + Biochemistry/Biotechnology
7	Agricultural Economics
8	Agricultural Engineering
9	Animal Husbandry and Dairy Science
10	Agricultural Extension
11	Comprehension & Communication Skills in English
12	Student's welfare – NSS and Physical Education

SYLLABUS

SEMESTER-WISE COURSES FOR B. Sc. (Hons.) AGRICULTURE

FIRST YEAR - SEMESTER - I

Course No.	Courses	Credit		
		T	P	Total
A)	Core courses			
AGRO 111	Fundamentals of Agronomy-I	1	1	2
AGRO 112	Introductory Agro-meteorology and Climate change	1	1	2
AHDS 111	Livestock Production & Management	1	1	2
EXTN 111	Rural Sociology & Educational Psychology	2	0	2
HORT 111	Fundamentals of Horticulture	1	1	2
LANG 111	Comprehension & Communication Skills in English	1	1	2
MIBO 111	Introductory Microbiology	1	1	2
SSAC 111	Fundamentals of Soil Science	2	1	3
B)	Remedial Courses (3 or 5 credit)			0
AGH 111	Agricultural Heritage* ¹	1	0	1
BIO 111	Introductory Biology * ²	1	1	2
MATH 111	Elementary Mathematics * ³	2	0	2
C)	Non-Gradial Courses (3 credits)			0
HVE 111	Human Values & Ethics**	1	0	1
NCC 111/ NSS 111	NCC/ NSS **	0	1	1
PHEY 111	Physical Education and Yoga**	0	1	1

* Remedial Courses (3/5 credit)

** Non-Gradial Courses (3 Credits)

*¹Compulsory to all students

*²Students who have Biology in XII std are exempted

*³Students who have MATH in XII std are exempted

**NCC or NSS

Sem II

Course No.	Courses	Credit		
		T	P	Total
A)	Core Course			
AGRO 123	Fundamentals of Agronomy-II	1	1	2
BOT 121	Fundamentals of Crop Physiology	1	1	2
ECON 121	Fundamentals of Agricultural Economics	2	0	2
ENGG 121	Soil and Water Conservation Engineering	1	1	2
ENTO 121	Fundamentals of Entomology	1	1	2
EXTN 122	Fundamentals of Agricultural Extension Education	2	1	3
GPB 121	Fundamentals of Genetics	2	1	3
PATH 121	Fundamentals of Plant Pathology	2	1	3
B)	Non -Gradial course			
FRST 121	Introduction to Forestry	1	1	2
EDNT 121	Educational Tour*	0	1	1
C)	Common Course			
EXTN 123	Communication Skills and personality Developments	1	1	2

SECOND YEAR - SEMESTER - III

Course No.	Courses	Credit		
		T	P	Total
A)	Core Course			
AGRO 234	Crop Production Technology-I (Kharif crops)	1	1	2
AGRO 235	Rainfed Agriculture and Watershed Management	1	1	2
BIOCHM 231	Fundamentals of plant biochemistry and biotechnology	2	1	3
ENGG 232	Farm Machinery and Power	1	1	2
ENTO 232	Insect Ecology and Integrated pest Management	1	1	2
GPB 232	Fundamentals of Plant Breeding	1	1	2
HORT 232	Production Technology for Vegetables and Spices	1	1	2
PATH 232	Principles of Integrated Disease Management	1	1	2
STAT 231	Statistical Methods	1	1	2
B)	Common Courses			
COMP 231	Agri- Informatics	1	1	2
ESDM 231	Environmental Studies and Disaster Management	2	1	3

SECOND YEAR - SEMESTER - IV

Course No.	Courses	Credit		
		T	P	Total
A)	Core Course			
AGRO 246	Crop Production Technology-II (Rabi crops)	1	1	2
AGRO 247	Farming System and Sustainable Agriculture	1	0	1
AGRO 248	Principles of Organic Farming	1	1	2
AHDS 242	Livestock Breeding and Nutrition	1	1	2
ECON 242	Agriculture Finance and Cooperation	2	1	3
ENGG 243	Renewable Energy and Green Technology	1	1	2
ENTO 243	Pest of Horticultural Crops and their Management	1	1	2
GPB 243	Principles of Seed Technology	1	2	3
HORT 243	Production Technology for Fruit and Plantation Crops	1	1	2
SSAC 242	Problematic Soils and their Management	1	1	2
B)	Elective Courses (3 credits) (Select any one course)			
ELE BOT 242	Micro-propagation Technologies	1	2	3
ELE EXTN 244	Agricultural Journalism	2	1	3
ELE GPB 244	Commercial Plant breeding	1	2	3
ELE PATH 243	Bio-fertilizers, Bio-control Agents and Bio-pesticides	2	1	3
C)	Non-Gradiual Course			
EDNT 242	Educational Tour*	0	1	1

* Educational Tour shall be organized after completion of Sem. IV and before start of Sem. V

THIRD YEAR - SEMESTER - V

Course No.	Courses	Credit		
		T	P	Total
A)	Core Course			
AGRO 359	Practical Crop Production-I (Kharif crops)	0	1	1
AHDS 353	Technology of Milk and Milk Products.	1	1	2
BOT 353	Intellectual Property Right	1	0	1
ECON 353	Agricultural Marketing Trade and Prices	2	1	3
ENTO 354	Pests of Crops and Stored Grain and their Management- I	1	1	2
GPB 355	Crop Improvement – I (Kharif Crops)	1	1	2
HORT 354	Production Technology for Ornamental Crops, MAP and Landscaping	1	1	2
PATH 354	Diseases of Field and Horticultural Crops and their Management	2	1	3
SSAC 353	Manures, Fertilizers and Soil Fertility Management	2	1	3
B)	Common Courses			
EXTN 355	Entrepreneurship Development and Business Communication	1	1	2
C)	Elective Course (3 credits) (Select any one course)			
ELE AGRO 3510	Weed Management	2	1	3
ELE ECON 354	Agribusiness Management	2	1	3
ELE FST 351	Food Safety and Standards	2	1	3
ELE HORT 355	Protected Cultivation of Horticultural Crops	2	1	3

THIRD YEAR - SEMESTER - VI

Course No.	Courses	Credit		
		T	P	Total
A)	Core Course			
AGRO 3611	Practical Crop Production-II(Rabi crops)	0	1	1
AGRO 3612	Geo-informatics and Nano-technology and Precision Farming	1	1	2
AHDS 364	Sheep Goat and Poultry Production	1	1	2
ECON 365	Farm Management, Production and Resource Economics	1	1	2
ENGG 364	Protected Cultivation and secondary Agriculture	1	1	2
ENTO 365	Management of Beneficial Insects	1	1	2
FST 362	Principles of Food Science and Nutrition	2	0	2
GPB 366	Crop Improvement – II (Rabi crops)	1	1	2
HORT 366	Post-harvest Management and Value Addition of Fruits and Vegetables	1	1	2
PATH 365	Diseases of Field and Horticultural Crops and their Management-II	2	1	3
B)	Elective courses (Select any one course)			
ELE AGM 361	System Stimulation and Agro-advisory	2	1	3
ELE HORT 368	Hi tech Horticulture	2	1	3
ELE HORT 367	Landscaping	2	1	3
ELE SSAC 364	Agrochemicals	2	1	3

FOURTH YEAR - SEMESTER – VII

Rural Agricultural Work Experience Programme (RAWEP)

Sr. No.	Activities	Number of weeks	Credit Hours
1	General orientation and on campus training by different faculties	1	14
2	Village attachment/Unit attachment in Univ./College, KVK/Res. Station	13	06
3	Agro-Industrial Attachment	5	
4	Project Report Preparation, Presentation and Evaluation	1	
Total weeks for RAWEP & AIA		20	20

- **Agro- Industrial Attachment:** The students would be attached with the agro-industries for a period of 5 weeks to get an experience of the industrial environment and working.

FOURTH YEAR - SEMESTER – VIII

Experiential Learning/Hands on Training

Sr. No.	Course No.	Credits	Course Title
1	ELM AGRO 4801	10(0+10)	Organic Farming Production Technology
2	ELM AGRO 4802	10(0+10)	Commercial production of organic inputs
3	ELM AHDS 4803	10(0+10)	Poultry production
4	ELM AHDS 4804	10(0+10)	Processing of Milk and Milk Products
5	ELM BOT 4805	10(0+10)	Seed Production and Technology
6	ELM BOT 4806	10(0+10)	Tissue Culture Techniques
7	ELM ENGG 4807	10(0+10)	Natural Resources Management
8	ELM ENTO 4808	10(0+10)	Mass Production of Bio-agents and Bio-pesticides
9	ELM ENTO 4809	10(0+10)	Commercial Beekeeping
10	ELM ENTO 4810	10(0+10)	Silkworm cocoon production technology
11	ELM HORT 4811	10(0+10)	Commercial Horticulture

12	ELM HORT 4812	10(0+10)	Floriculture and Landscaping Gardening
13	ELM HORT 4813	10(0+10)	Nursery Management of Horticultural Crops
14	ELM HORT 4814	10(0+10)	Commercial Vegetable Production
15	ELM HORT 4815	10(0+10)	Protected Cultivation of Flowers and Vegetables
16	ELM HORT 4816	10(0+10)	Post-harvest Management and Value Additions of Horticultural Crops
17	ELM PATH 4817	10(0+10)	Mushroom Cultivation Technology
18	ELM PATH 4818	10(0+10)	Biofertilizer Production Technology
19	ELM SSAC 4819	10(0+10)	Soil, Water, Plant and Fertilizer Analysis
20	ELM SSAC 4820	10(0+10)	Agricultural Waste Management
21	ELM FST 4821	10(0+10)	Food Processing

This program is for duration of **24 weeks** with a weightage of **0+20** credit hours. The students have to register for any two modules of **0+10** credit hours each listed in a table.

Entrepreneurship

The Student READY (Rural Entrepreneurship Awareness Development Yojana) programme aims to provide rural entrepreneurship awareness, practical experience in real-life in rural agriculture and creating awareness among students about practical agriculture and allied sciences. The programme will help in building confidence, skill and acquire Indigenous Technical Knowledge (ITK) for self-employment.

It also aims to provide opportunities to acquire hands-on-experience and entrepreneurial skills. This reorients agriculture graduates for self-employability in agriculture and allied business.

Note:

Field trips and visits to ICAR and other institutions are conducted as per the government guidelines. The college takes all the precautions and care of the students on tour but it is equally necessary for students to maintain discipline and their parents to advise their children.

HUMAN RESOURCES

TEACHING STAFF

The college staff is recruited as per the guidelines of the Goa University. The teaching staff is experienced, dedicated to teaching and has degrees from Agriculture Universities – M. Sc. (Agriculture) or Ph. D. in Agriculture. The teachers undergo Orientation/Refresher Courses under Faculty Improvement programs conducted by various institutions. Many teachers are the members of Statutory Bodies, Boards of Studies of the Goa University, Agriculture universities and national and international organizations.

Teachers regularly attend State/National/International seminars, conferences and symposia. They are invited as Guest Speakers, Resource persons by Educational and Socio-Cultural Institutions. Several teachers have published research articles in National and International Journals. They are also involved with overseas organizations for collaborative research projects on pests and diseases.

Our teachers are also involved in co-curricular activities as part of collegiate education. They are actively involved in conducting training for farmers, public, women SHG on agriculture, food processing, bio-formulations, mushroom cultivation, honey bees rearing for honey production, kitchen garden, hydroponics, organic farming, landscaping, butterfly gardens, pest and disease management etc.

TEACHING FACULTY

Sr no	Teacher Name	Designation	Department	Qualification
1	Dr. Suresh Kunkaliker	Principal	Plant Pathology	Ph.D. Plant Pathology
2	Dr. Gourish Karanjalker	Asst Professor	Horticulture	Ph.D. Horticulture, NET
3	Dr Govind Parab	Asst Professor	”	Ph. D. Botany
4	Mr Arjun Parab	Asst Professor	”	M.Sc. Horticulture, NET
5	Dr. Rachana Kolambkar	Asst Professor	Agril Economics	Ph.D. Agril Economics
6	Ms. Puja Phadte	Asst Professor	Agril Economics	M.Sc. Agril Economics, NET

7	Dr Shreyas Jadhav	Asst Professor	Agril Extension Education	Ph.D. Agril Extension Education
8	Ms. Pragati Dessai	Asst Professor	Agril Extension Education	M.Sc. Agril Extension Education
9	Dr Upasana Ratnakaran	Asst Professor	Animal Science & Dairy Science	Ph.D. Animal Science & Dairy Science
10	Mr Rajan Shelke	Asst Professor	Agril Entomology	M.Sc. Agril Entomology, NET
11	Mr. Shashank Naik	Asst Professor	Agril Entomology	M.Sc. Agril Entomology, NET
12	Mr. Saish Gaonkar	Asst Professor	Agril Entomology	M.Sc. Agril Entomology, NET
13	Dr Dhanashree Gawas	Asst Professor	Genetics and Plant Breeding	Ph.D. Agril Botany, NET
14	Dr Prashant Patil	Asst Professor	Genetics and Plant Breeding	Ph.D. Agril Botany, NET
15	Mr. Satish Patil	Asst Professor	Soil Science & Agril Chemistry	M.Sc. Soil Science
16	Mr. Sanjay Nitave	Asst Professor	Agronomy	M.Sc. Agronomy, NET
17	Ms. Saloni Patil	Asst Professor	Agronomy	M.Sc. Agronomy
18	Ms. Akshaya Kalangutkar	Asst Professor	Agronomy	M.Sc. Agronomy
19	Mr. Saharsh Malkarnekar	Asst Professor	Agronomy	M.Sc. Agronomy
20	Mr Vinod Atkari	Asst Professor	Agril Engineering	M. Tech. Agricultural Engineering, NET
21	Mr. Krantidip Pawar	Asst Professor	Agril Engineering	M. Tech. Agricultural Engineering, NET

22	Ms Avni Karanjalker	Assistant Professor	Agriculture Heritage	M.Sc. Agroforestry,
23	Mr. Sagar Palconda	Dir of Physical Education	Physical Education	M.P.Ed., NET
24	Ms. Sulochana Xete Dessai	Librarian	Library	M.L.I.Sc., NET, SET
25	Ms Sapphira Gomes	Counsellor	Counselling	M A, Psychology

NON-TEACHING STAFF

Sr. No.	Staff Name	Designation
1	Kisan Fal Dessai	Head Clerk
2	Jovina Fernandes	Laboratory Assistant
3	Mamta Udpikar	Laboratory Assistant
4	Deepashree Naik	Laboratory Assistant
5	Shambhu Gaonkar	Laboratory Assistant
6	Geetesh Velip	Laboratory Assistant
7	Bhushan Sawant Dessai	Field & Plant Collector
8	Deepak Bhavdan	MTS
9	Dinesh Bhavdan	MTS

COMMITTEES

Sr. No.	Committee	Remark
1	Anti-Ragging Squad	College
2	Anti-Ragging Committee	University
3	College Examination Committee	University
4	College Grievance Committee (CGC)	University
5	Collegiate Student Grievance Redressal Committee (CSGRC)	UGC
6	College Unfair Means Inquiry Committee (CUMIC)	University
7	Internal Complaints Committee (ICC)	University
8	Internal Quality Assurance Committee (IQAC)	University
9	Local Management Committee	College
10	Advisory committee for RAWEP program	College
11	Subject Matter Specialist (SMS) for RAWEP	College
12	Constitution of Subject Matter Specialist (SMS) Committee for GCA & CSR	College
13	Publication and Social Media Committee	College
14	Purchase and Sale Committee	College

SUMMARY OF UGC REGULATIONS ON CURBING THE MENACE OF RAGGING IN HIGHER EDUCATIONAL INSTITUTIONS, 2009.

1. PREAMBLE: In view of the directions of the Hon'ble Supreme Court dated 8.05.2009 and in consideration of the determination of the Central Government and the University Grants Commission to prohibit, prevent and eliminate the scourge of ragging.

2. OBJECTIVE: To eliminate ragging in all its forms from universities, deemed universities and other higher educational institutions in the country by prohibiting it under these Regulations, preventing its occurrence and punishing those who indulge in ragging as provided for in these Regulations and the appropriate law in force.

3. WHAT CONSTITUTES RAGGING: Ragging constitutes one or more of any of the following acts:

- a) Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student.

b) Indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student.

c) Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student.

d) Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher.

e) Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.

f) Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students

g) Any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;

h) Any act or abuse by spoken words, emails, post, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student.

i) Any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

4. MEASURES FOR PROHIBITION OF RAGGING: There are a number of such measures at institution level, University Level, District level etc. Some of them that are important for students to know are as follows:

- No institution shall permit or condone any reported incident of ragging in any form; and all institutions shall take all necessary and required measures, including but not limited to the provisions of these Regulations, to achieve the objective of eliminating ragging, within the institution or outside.
- All institutions shall take action in accordance with these Regulations against those found guilty of ragging and/or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.

- Every public declaration of intent by any institution, in any electronic, audiovisual or print or any other media, for admission of students to any course of study shall expressly provide that ragging is totally prohibited in the institution, and anyone found guilty of ragging and/or abetting ragging, whether actively or passively, or being a part of a conspiracy to promote ragging, is liable to be punished in accordance with these Regulations as well as under the provisions of any penal law for the time being in force.
- The telephone numbers of the Anti-Ragging Helpline and all the important functionaries in the institution, including but not limited to the Head of the institution, faculty members, members of the Anti-Ragging Committees and Anti-Ragging Squads, District and Sub Divisional authorities, Wardens of hostels, and other functionaries or authorities where relevant, shall be published in the brochure of admission/instruction booklet or the prospectus.
- The application for admission, enrolment or registration must be accompanied by an Anti Ragging affidavit signed by a student in a prescribed format and another Anti Ragging Affidavit signed by a Parent/Guardian. (Both these Affidavits are attached to admission form).
- Any distress message received at the Anti-Ragging Helpline shall be simultaneously relayed to the Head of the Institution, the Warden of the Hostels, the Nodal Officer of the affiliating University, if the incident reported has taken place in an institution affiliated to a University, the concerned District authorities and if so required, the District Magistrate, and the Superintendent of Police, and shall also be web enabled so as to be in the public domain simultaneously for the media and citizens to access it.
- On receipt of the recommendation of the Anti-Ragging Squad or on receipt of any information concerning any reported incident of ragging, the Head of institution shall immediately determine if a case under the penal laws is made out and if so, either on his own or through a member of the Anti-Ragging Committee authorised by him in this behalf, proceed to file a First Information Report (FIR), within twenty four hours of receipt of such information or recommendations, with police and local authorities, under the appropriate penal provisions.
- The Commission shall maintain an appropriate data base to be created out of affidavits, affirmed by each student and his/her parents/guardians and stored electronically by the institution, either on its or through an agency to be designated by it; and such database shall also function as a record of ragging complaints received, and the status of the action taken thereon.

- The Commission shall include a specific condition in the Utilization Certificate, in respect of any financial assistance or grants-in-aid to any institution under any of the general or special schemes of the Commission that the institution has complied with the anti-ragging measures.
- Any incident of ragging in an institution shall adversely affect its accreditation, ranking or grading by NAAC or by any other authorised accreditation agencies while assessing the institution for accreditation, ranking or grading purposes.
- The Commission may accord priority in financial grants-in-aid to those institutions, otherwise eligible to receive grants under section 12B of the Act, which report blemishes in terms of there being no reported incident of ragging.

5. ADMINISTRATIVE ACTION IN THE EVENT OF RAGGING:

The institution shall punish a student found guilty of ragging after following the procedure and in the manner prescribed here in under:

The Anti-Ragging Committee of the institution shall take an appropriate decision, in regard to punishment or otherwise, depending on the facts of each incident of ragging and nature and gravity of the incident of ragging established in the recommendations of the Anti-Ragging Squad. The Anti-Ragging Committee may, depending on the nature and gravity of the guilt established by the Anti-Ragging Squad, award, to those found guilty, one or more of the following punishments, namely;

- a) Suspension from attending classes and academic privileges.
- b) Withholding/ withdrawing scholarship/ fellowship and other benefits.
- c) Debarring from appearing in any test/ examination or other evaluation process.
- d) Withholding results.
- e) Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
- f) Suspension/ expulsion from the hostel.
- g) Cancellation of admission.
- h) Rustication from the institution for period ranging from one to four semesters.
- i) Expulsion from the institution and consequent debarring from admission to any other institution for a specified period. Provided that where the persons committing or abetting the act of ragging are not identified, the institution shall resort to collective punishment.

An appeal against the order of punishment by the Anti-Ragging Committee shall lie,

- (i) in case of an order of an institution, affiliated to or constituent part, of a university, to the Vice-Chancellor of the University;
- (ii) in case of an order of a university, to its Chancellor.
- (iii) in case of an institution of national importance created by an Act of Parliament, to the Chairman or Chancellor of the institution, as the case may be. Where in the opinion of the appointing authority, a lapse is attributable to any member of the faculty or staff of the institution, in the matter of reporting or taking prompt action to prevent an incident of ragging or who display an apathetic or insensitive attitude towards complaints of ragging, or who fail to take timely steps, whether required under these Regulations or otherwise, to prevent an incident or incidents of ragging, then such authority shall initiate departmental disciplinary action, in accordance with the prescribed procedure of the institution, against such member of the faculty or staff. Provided that where such lapse is attributable to the Head of the institution, the authority designated to appoint such Head shall take such departmental disciplinary action; and such action shall be without prejudice to any action that may be taken under the penal laws for abetment of ragging for failure to take timely steps in the prevention of ragging or punishing any student found guilty of ragging.

Scope for Agriculture Graduates

Agriculture graduates have ample job opportunities in Government and private sectors, which include the following:

- Agriculture Research Scientist
- Extension Officer
- Agriculture Officer
- Plantation Manager
- Quality Assurance officer
- Production Manager
- Business Development Manager
- Agri-preneurship
- Subject Matter Specialist in different Krishi Vigyan Kendras
- Field Officer
- Farm Manager
- Bank Manager
- Research Officer
- Agriculture officer in Banks
- Operations Manager in Fertilizer Units
- Food Processing Units in Government
- Seed Technologist
- Marketing officer
- Agriculture Development Officers (ADO)
- Block Development Officers (BDO)
- Teacher in higher secondary colleges
- Agri-clinics
- Agri-consultant
- IAS, IFS, IPS

Scope in Academics

- M. Sc. program in different subjects
- Agri. MBA

Scope for Post Graduates

- Ph. D. in different subjects