Academic Regulations

Academic Regulations for PG Degree programme (M.Sc.)
As per BSMA, ICAR
2009 and 2021

Agriculture Faculty
M. S. Swaminathan School of Agriculture
Centurion University of Technology and Management,
Paralakhemundi, Odisha

1. Scope

The regulations made here shall be called "M.S.Swaminathan School of Agriculture (MSSSOA), Centurion University of Technology and Management (CUTM), 2022" governing the M.Sc. (Agri.) and M.Sc. (Hort.) degree Programme in the following subjects. The subject's nomenclature is as per BSMA 2021.

M.Sc. (Agri.) and M.Sc. (Hort.) degree Programme

S.No	Degree Programme	Discipline	BSMA Committee Name
1	M.Sc. (Agri.) / Ph.D.	Agricultural Economics	Social Sciences
2	M.Sc. (Agri.) / Ph.D	Agricultural Extension Education	Social Sciences
3	M.Sc. (Agri.) / Ph.D	Agronomy	Physical Science
4	M.Sc. (Agri.) / Ph.D	Entomology	Plant Protection
5	M.Sc. (Agri.) / Ph.D	Genetics and Plant Breeding	Plant Sciences
6	M.Sc. (Agri.) / Ph.D	Molecular Biology & Biotechnology	Biotechnology & Bioinformatics
7	M.Sc. (Agri.) / Ph.D	Plant Pathology	Plant Protection
8	M.Sc. (Agri.) / Ph.D	Seed Science and Technology	Plant Sciences
9	M.Sc. (Agri.) / Ph.D	Soil Science	Physical Science
10	M.Sc. (Agri.) / Ph.D	Plant Physiology	Basic Sciences
11	M.Sc. (Agri.) / Ph.D	Organic Farming	Physical Science
12	M.Sc. (Hort.) / Ph.D.	Vegetable Science	Horticultural Sciences
13	M.Sc. (Hort.) / Ph.D.	Fruit Science	Horticultural Sciences

2. Academic Year and Registration

2.1. An academic year shall be normally from July to June of the following calendar year otherwise required under special situations. It shall be divided into two academic terms known as semesters. Each semester will be of 110 day duration. The 1st (autumn) semester is during the months of July –December and 2nd (spring) semester is during months of January – June.

2.2. Dates of registration, commencement of instructions, semester end examination, end of semester and academic year etc. The Academic Calendar shall be developed by the concerned University from time to time and notified accordingly by the Registrar in advance.

2.3. An orientation programme shall be organized by the Director (Education) / Dean for the benefit of the newly admitted students immediately after commencement of the semester.

2.4. On successful completion of a semester, the continuing students shall register for subsequent semester on the date specified in the Academic/Semester Calendar specifically notified separately. Every enrolled student shall be required to register at the beginning of each semester till the completion of his/her degree programs.

Eligibility for Admissions

Master's Programme

A bachelor's degree in the respective/related subjects.

6.00/10 or equivalent OGPA/equivalent percentage of marks for general category candidates and 5.50/10 or equivalent OGPA/equivalent percentage of marks for SC/ST/PH category candidates at Bachelor's degree level. Those who are coming from the 3-year Bachelor Degree stream should undergo one year remedial programme before registering for regular courses.

Doctoral Programme

Master's degree in respective/related subjects.

OGPA of 6.5/10 or equivalent OGPA/equivalent percentage of marks for general category candidates and 6.00/10 or equivalent OGPA/equivalent percentage of marks for SC/ST/PH category candidates at Master's degree level. Those coming from 3- year Bachelor degree and 2-year Master degree streams should undergo one year remedial lessons before registering for the regular courses.

Mode of Admission and Reservation of Seats

Master's Programme

The CUTM shall adopt entrance examination or merit at the Bachelor's level or a combination of both while making admissions. Particularly for admission out of University/State students should be based on Common Entrance Test and not by merit only. This is being suggested to minimize the problems of disparate grading and academic standards followed across universities.

Present system of Common Entrance Test to fi11 the allocated ICAR seats will continue. However, the quota for ICAR seats is recommended to be increased from25 to 30%.

Doctoral Programme

The CUTM to follow entrance examination or merit at Master's level or a combination of both.

Entrance examination (80% weightage) and interview (20% weightage) for seats filled by the ICAR.

Those candidates, who have qualified ICAR's SRF examination, meet the university criteria for admission and are recommended by ICAR, may be admitted by the agricultural universities with or without fellowship.

4. System of Education

Every enrolled student will be required to take a specified load of course work in the chosen subject of specialization (major, minor and supporting courses) and also complete a research project and present this in the form of a dissertation.

5. Credit requirements

The following Credit hours need to be followed while providing the syllabus for all the disciplines

Course work	Masters' Programme	Doctoral Programme
Major courses	20	12
Minor courses	08	06
Supporting courses	06	05
Common courses	05	-
Seminar	01	02
Thesis Research	30	75
Total	**70**	**100**

Major courses:

From the Discipline in which a student takes admission. Among the listed courses, the core courses compulsorily to be taken may be given *mark Minor courses: From the subjects closely related to a student's major subject supporting courses: The subject not related to the major subject. It could be any subject considered relevant for student's research work (such as Statistical Methods, Design of Experiments etc.) or necessary for building his/her overall competence.

Common Courses:

The following courses (one credit each) will be offered to all students undergoing Master's degree programme.

1. Library and Information Services
2. Technical Writing and Communications Skills
3. Intellectual Property and its management in Agriculture
4. Basic Concepts in Laboratory Techniques
5. Agricultural Research, Research Ethics and Rural Development Programmes

Some of these courses are already in the form of e-courses/MOOCs. The students may be allowed to register these courses/similar courses on these aspects, if available online on SWAYAM or any other platform. If a student has already completed any of these courses during UG, he/she may be permitted to register for other related courses with the prior approval of the HoD/ BoS.

Supporting Courses

The following courses are being offered by various disciplines (The list is only indicative). Based on the requirement, any of the following courses may be opted under the supporting courses. The syllabi of these courses are available in the respective disciplines. If required, the contents may be modified to suit the individual discipline with approval of the concerned BoS.

Course Title	Credits
Mathematics for applied sciences	2+0
Statistical methods for applied sciences	3+1
Experimental designs	2+1
Basic sampling techniques	2+1
Applied regression analysis	2+1
Data analysis using statistical packages	2+1
Computers fundamentals and programming	2+1
Computer organization and architecture	2+0
Introduction to communication Technologies, computer networking and Internet	1+1
Information technology in agriculture	1+1
Basic biochemistry	3+1
Techniques in biochemistry	2+2

5.1 Maximum permissible course workload per semester

Masters' Programme: 18 credits

Doctoral Programme: 18 credits

5.2. Mandatory requirement of seminars

It has been agreed to have mandatory seminars one in Masters (One Credit) and two in Doctoral programmes (two Credits).

The students should be encouraged to make presentations on the latest developments and literature in the area of research topic. This will provide training to the students on preparation for seminar, organizing the work, critical analysis of data and presentation skills.

6. Residential requirements

The minimum and maximum duration of residential requirement for Masters' Degree and doctoral degree programme shall be as follows:

P.G. Degree Programmes	Duration of Residential Requirement	
	Minimum	Maximum
Masters' Degree	2 Academic Years (4 Semesters)	5 Academic Years (10 Semesters)
Ph. D.*	3 Academic Years (6 Semesters)	7 Academic Years (14 Semesters)

*Student may be allowed to discontinue temporarily only after completion of course work
In case a student fails to complete the degree programme within the maximum duration of residential requirement, his/her admission shall stand cancelled. The requirement shall be treated as satisfactory in the cases in which a student submits his/her thesis any time during the 4th and 6th semester of his/her resident ship at the University for Masters' and Ph.D. programme, respectively.

6.1. Attendance requirements

Minimum 75%, to be counted separately for theory and practical both at M. Sc. and Ph. D. levels

7. Evaluation of course work and comprehensive examination

For M.Sc., multiple levels of evaluation (First Test, Midterm and Final semester) are desirable. However, for M.Sc students it has been felt that the comprehensive examination is redundant.

Course evaluation

Theory — Internal

Practical — Internal, to be conducted by the course teacher + one more teacher to be nominated by the HOD

The evaluation of the student in a course shall be based on his/ her performance in various kinds of exanimations, records, class work and other types of exercises.

Each course may be evaluated @ 50 marks for each credit (theory/ practical) which may finally be converted to 100 for awarding grade. The marks to be allotted between the theory and practical work shall be in the proportion of their respective credit hours. For e.g. a course having 2 theory and 1 practical credits, the weightage for theory and practical examinations may be as follows:

Theory		Practical	
Exam	Marks	Exam	Marks
Assignment/ term papers/ seminar etc. (Internal)	20	Record and class work (Internal)	25
Mid-term examination (Two) (Internal)	30	Final examination (External)	25
Semester final examination of 2 to 3 hr duration (External)	50	-	-
Total	**100**	**Total**	**50**

The **schedule** for mid-term examination and semester final examination shall be indicated in the Academic calendar of each semester test/ examinations to be conducted on the dates as prescribed therein. The examination schedules shall confirm to the following programme, namely:

Mid-term examinations after about 50 days from the commencement of the semester and second one after completion of syllabus. The average of the two tests will be taken in to consideration.

Semester Final examination at the end of the semester.

7.3. For Ph. D, the approach should be research oriented rather than exam oriented. In order to provide the student adequate time to concentrate on the research work and complete the degree in stipulated time, the examination may have to be only semester final. However, the course teacher may be given freedom to evaluate in terms of assignment/seminar/first test.

7.4 It shall be the responsibility of the Head of the Department to ensure proper conduct of examinations in all the courses offered in the department.

7.5. The Dean / Head of Departments shall constantly exercise supervision and control to see that the syllabus listed under each course is adequately covered and assessment of student is done strictly in accordance with the regulations.

7.6. All answer scripts shall be shown to the students by the teachers as soon as evaluation is completed.

7.7. Students registration for a particular course shall take all the examinations conducted during the period of the course, viz. hourly and final semester examination both in theory and practical. If a student is genuinely prevented from taking examination as in the case of serious illness or accident or any other case, a special re-examination may be arranged by the teacher concerned in consultation with Head of the Department. This repeat examination shall be held within two weeks from the date of examination for all the students who have missed that hourly examination.

7.8. In the case of students deputed to represent the university in inter- collegiate or inter – university meets in N.C.C /N.S.S due consideration shall be given in regards to missed tests/ examination so that the students may not suffer while on absence on university directive .In all such cases, make –up examination/test (except semester final examination) given for the missed examination/tests (except semester final examination) within two weeks of the return of the students. The name of the student deputed for such meets may be intimated in advanced to the teacher concerned through the Head of the Department.

7.9. Supplementary Examination

A student failed in a particular course (having back paper), can appear this examination in a particular semester, if the concerned course is offered in that semester.

7.10. Examination on Demand (EOD)

EOD will be conducted for the benefit of students who have backlogs from previous semesters on a pre-announced schedule.

7.11. Minimum & Maximum Time Limit to Complete the Course/Thesis

If a student fails to complete the graduation requirements within the maximum time limit prescribed, his /her admission shall stand cancelled. A student may submit thesis after securing 75% attendance in the final semester of study provided that research credits only are registered during that semester and that all the courses prescribed for the award of degree are successfully completed by previous semester.

The students should be on the rolls of the University duly paying the fee till the time of thesis submission. The students who fail to submit thesis after completing the residential requirement and research work, and all pay the **'Registration Fee'** and **Late Fee for Thesis'** and register for 'thesis writing 'without any credits during subsequent semester. The student may submit thesis as soon as it is ready without waiting for completion of 75% attendance.

The extension of time beyond the maximum time limit shall be allowed for one year and the candidate has to be full time student for a maximum of 1 to 2 semesters depending upon the requirement for completion and submission of thesis.

The candidates who seek extension of time should apply in the prescribed form at least 3 months before the expiry of maximum time limit through the Chairperson, the Head of the Department and the Dean concerned, so that they could be informed of the date of registration in advance for taking leave etc. The admission of all candidates who do not seek extension of time or seek extension of time after the expiry of the prescribed time limit shall be treated as cancelled. Dean may evolve a proforma and procedure for periodical evaluation of research credits for a close monitoring of the progress of thesis research.

7.12. Temporary discontinuous and Resumption of studies**:** If a student to discontinue studies temporarily or take long leave he/she may do so after completion of one semester of study from the date of admission with the approval of the dean concerned or if this is not possible, the student should seek the approval from the concerned dean within 30 calendar days from the date of discontinuation (discontinuation before completion of two semesters of study shall result in cancellation of admission).

If the students fails to seek approval of the dean concerned within 30 days of discontinued due to genuine reasons like serious illness/domestic problems, such student may be accorded permission by the dean on payment of late fee of Rs.1000/-per month or part there of up to 5 months. The student who is permitted to temporarily discontinue studies should necessarily complete the entire requirement with in the time limit prescribed.

The student with such approval may be permitted to resume studies within 4 semesters by Dean concerned under intimation to the university. If a student discontinues in the middle of a semester he/she is deemed to have discontinued from the beginning of that semester. The dis-continuation is allowed only once in a P.G programme. The maximum time limit prescribed for the completion of graduation requirements, however, shall remain unchanged.

Students, who discontinue without the permission of the Dean, shall not be permitted to resume studies. The Dean shall not send proposals for readmission/ resumption of studies, if the student discontinues studies without permission.

7.13. Unfair means in Examination

A student found using unfair means in the examinations shall be penalized as per the norms of the University.

8.Grading System

Master's Programme

Scale: 10 point

Minimum passing grade in a course: 6.00

==Minimum OGPA to continue and to obtain degree: 6.50==

Doctoral Programme

Scale: 10 point

Minimum passing grade in a course: 6.00

Minimum OGPA to continue and to obtain degree: 6.50

==**9. Classification of successful candidates**==

==The students of PG degree programme shall be eligible for degree after he /she a) Successfully completes the course requirements with a minimum OGPA of 6.5 or above and b) completes examinations.==

==The successful candidates after completion of graduation requirements who secured an OGPA of 6.50 or more in the 10 point scale shall be classified as under:==

==Category==	==OGPA==	
	==M.Sc.==	Ph.D.
==Fail==	*==<6.50==*	*<6.50*
==Pass and Second class==	*==6.50 to 7.99==*	*>6.5*
==First class==	*==8.00 and above==*	*Class not accorded*

==*** % of marks = OGPA x 100/10**==

10. Advisory System

10.1. Advisory Committee

There shall be an Advisory Committee for every student consisting of not fewer than three members in the case of a candidate for Masters' degree and four in the case of Ph.D. degree with the Advisor as Chairperson. The Advisory Committee should have representatives from the major and minor fields amongst the members of the Post-graduate faculty accredited for appropriate P.G. level research. However, in those departments where qualified staff exists but due to unavoidable reasons Post-graduate degree programmes do not exist, the staff having Post-graduate teaching experience of two years or more may be included in the Advisory Committee as member representing the minor.

At any given time, a P.G. teacher shall not be a Chairperson, Advisory Committee (including Master's and Ph. D. programmes) for more than five students.

The Advisor should convene a meeting of the Advisory Committee at least once in a Semester. The summary record should be communicated to the Head of Department, Dean of the College of concerned, Director (Education)/Dean PGS and Registrar for information.

Constitution of the Student Advisory Committee

M. Sc.

Minimum 3 members (2 from major subject including Chairman, and one from minor subject) to be constituted within three months of the 1st Semester

Ph. D.

Minimum 4 members (2 from major subject, one each from minor and supporting subjects), to be constituted within three months of the 1st Semester

Approval of Synopsis:

Should be accomplished in the first semester for both masters and doctoral programmes.

10.3. Advisor/Co-guide/Member, Advisory Committee from other collaborating University/ Institute/ Organization:

In order to promote quality Post-graduate research and training in cutting edge areas, the University may enter into Memorandum of Understanding (MOU) with other Universities/Institutions for conducting research. While constituting an Advisory Committee of a student, if the Chairperson, Advisory Committee feels the requirement of involving of a faculty member/scientist of such partnering university/ Institute /Organization, he/she may send a proposal to this effect to Director (Education)/Dean PGS along with the proposal for consideration of Student's Advisory Committee (SAC).

The proposed faculty member from the partnering institution can be allowed to act as Chairperson/ Co-guide/Member, SAC, by mutual consent, primarily on the basis of intellectual input and time devoted for carrying out the research work at the particular institution. The faculty member/scientist of partnering institutions in the SAC shall become a temporary faculty member of the University by following the procedure approved by the Academic Council.

Allotment of students to the retiring persons

Normally, retiring person may not be allotted M. Sc. Student if he/she is left with less than

2 years of service and Ph.D. student if left with less than 3 years of service. However, in special circumstances, permission may be obtained from the Director (Education)/Dean PGS, after due recommendation by the concerned Head of the Department.

Changes in the Advisory Committee

(i) Change of the Chairperson or any member of the Advisory Committee is not ordinarily permissible. However, in exceptional cases, the change may be effected with due approval of the Director of Education/Dean PGS.

(ii) Normally, staff members of the university on extra ordinary leave or on study leave or who leave the University service will cease to continue to serve as advisors of the Post-graduate students of the University. However, the Director (Education)/Dean PGS may permit them to continue to serve as advisor subject to the following conditions:

a)   The concerned staff member must be resident in India and if he/she agrees to guide research and must be available for occasional consultations;

b)   An application is made by the student concerned duly supported by the Advisory Committee;

c)   In case of a Ph.D. student, he/she must have completed his/her comprehensive examinations and the research work must be well in progress and it is expected that the student will submit the thesis within a year;

d)   The Head of the Department and the Dean of the College concerned agree to the proposal;

e)   The staff member, after leaving the University service is granted the status of honorary faculty's membership by the Vice-Chancellor on the recommendation of the Director (Education)/Dean PGS for guiding as Chairperson or Member, Advisory Committee the thesis/theses of the student(s) concerned only.

(iii) In case the Chairperson/member of a Student's Advisory Committee retires, he/she shall be allowed to continue provided that the student has completed his course work and minimum of 10 research credits and the retiring Chairperson/member stays at the Headquarters of the College, till the thesis is submitted.

(iv) If the Chairperson/member proceeds on deputation to another organization, he/she may be permitted to guide the student provided his/her new organization is at the Headquarters of the College and his/her organization is willing for the same.

(v) The change shall be communicated to all concerned by the Head of Department.

11. Conduct of Research Work:

11.1. Post graduate students should necessarily complete the post graduate programme in the college where they joined. However, they can conduct the research work elsewhere (other locations recognized by the university for this purpose) with the prior permission of the University.

11.2. As soon as the thesis work is completed and data etc. have been processed, student will deliver a thesis seminar. If teachers or other students suggest any improvement in the

presentation and interpretation of results, the same may be incorporated with the approval of the major advisor.

11.3. A student shall submit his/her thesis for Degree after he/she has completed his/her course work requirement, the required number of research credits and has passed the qualifying examination (Ph.D.) successfully. The thesis shall be type written and temporarily bound as specified and submitted in quadruplicate along with a "no dues certificate" and a certificate in the prescribed proforma by the advisor.

Six copies of thesis abstracts of about 150-200 words shall be submitted (two copies for the department, one for the dean's office and three for university) along with bound copy certificate. PG students should submit two CDs of thesis (one each to library and one to Head of Department) along with bound copies of thesis.

A student while submitting the thesis for M.Sc. (Ag.) degree shall submit one research paper for publication and enclose a proof from the editor of the journal, along with the thesis.

11.4. In M.Sc.(Ag.) thesis, students must demonstrate familiarity with the tools of research, scholarship in their major field and ability to present the results of their investigation effectively.

11.5. After approval by the advisory committee, the thesis submitted by the student shall be sent to an external examiner for evaluation who shall be required to send a detailed report on the thesis preferably within three weeks to the Dean. In case, the external examiner recommends acceptance of the thesis, the report will be forwarded to the chairperson of the student's advisory committee who shall arrange for the conduct of final oral examination. The head of department shall also be a co-opted member of the final thesis oral examination committee, even if he is not a member of the student's advisory committee for the purpose of conducting the thesis final oral examination. The advisory committee while conducting this examination, shall take into account, the remarks of the external examiner and may suggest changes if any to be made in the thesis. A certificate regarding performance of the candidate in the final viva-voce examination on the thesis in the form prescribed, duly signed by all the members of the committee, shall be forwarded to dean by the chairman of the student's advisory committee through the head of the department. After the certificate is sent, the thesis shall be bound as specified after effecting changes if any by the advisory committee and it shall be submitted by the student in quadruplicate to the chairperson of the student's advisory committee. Unless final thesis copies are bound by the student concerned and handed over to the chairperson of the student's advisory committee, his/her final result shall not be declared.

- If a student is not successful in the final oral examination, he/she shall be examined again after a period of three months.
- In case if the external examiner suggests major modification to be made before acceptance, the same shall be communicated to the chairperson of the student's advisory committee who shall arrange for the revision of the thesis and resubmission, after a period of three months. It shall be considered in the same manner as in the original submission and the thesis shall be forwarded to the same examiner for re-evaluation. However, if for any reason, the examiner concerned is not available to re-

evaluate the thesis either due to relocation or for other reasons, in such a rare instance, the Dean is authorised to forward the thesis to an alternate examiner for re-evaluation

- In such instances, the modified version of thesis along with the comments made by the first examiner shall be forwarded by the Dean to the alternate examiner for re-evaluating the thesis.
- If the student who has been directed to resubmit the thesis after carrying out the corrections indicated by the external examiner, has to submit within six months from the date of issue of orders by the university. The student should appear for the final thesis viva-voce examination and submit a certificate of having submitted bound copies of thesis within a maximum period of six months from the date of issue of orders by the university.

Note: If the external examiner recommends resubmission of thesis after 3 months, the candidates should resubmit thesis within six months thereafter i.e., Between 3 and 9 months from the date of issue of orders by the university.

11.6. Student may be permitted to carry on their research work at institutions/ Research stations under this university other than those imparting institutions or at other institutions and under persons recognized for the purpose.

12. In-service Candidates of CUTM:

CUTM employees studying PG courses, after completing the course work at the school as regular students, may be permitted to resume duty and continue the thesis work in colleges as approved by the Academic Council subject to the following conditions, namely;

- Their posting to the college shall be administratively feasible and work does not interfere with their normal duties.
- They shall attain the preliminary or comprehensive examinations at the college.

Comprehensive Examination for Ph.D.

Should be allowed after completion of 75% course work separately in major and minor subjects)

Major Subject: Two papers

Minor Subject: One paper

Paper setting: Internal

Evaluation: External

Qualifying: 60%

Viva Voce: External

Grading: satisfactory/ Unsatisfactory

Time between Synopsis and Thesis submission

Master's Programme: One semester

Doctoral Programme: Two years

Thesis Submission

Master's Programme:

Comprehensive Exam: No Comprehensive exam

Master's Programme: After thesis seminar and submission of one paper to a reputed journal

Evaluation: External (one)

Viva Voce: By Advisory committee

Assessment: Satisfactory / Unsatisfactory

Doctoral Programme:

Doctoral programme: After thesis seminar - One research paper should have been accepted and second paper or one patent filed out of thesis work.

Evaluation: External (two examiners)

Viva Voce: By Advisory committee and one external examiner

Assessment: Satisfactory / Unsatisfactory

Evaluation of research work

It is highly desirable for Ph.D. programme and this should be done annually as an essential part of research evaluation. The Student Advisory Committee shall review the progress of research and scrutinize annual progress reports submitted by the student.

Midterm evaluation of PhD (to move from JRF to SRF) is a mandatory requirement for all the funding agencies. Hence, the second review of annual progress report need to be done after completion of two years. The successful completion enables the students to become eligible for SRF.

15.1. Prevention of plagiarism

An institutional mechanism should be in place to check the plagiarism. The students must be made aware that manipulation of the data/plagiarism is punishable with serious consequences.

For Ph.D., the comprehensive examination (Pre-qualifying examination) is required. As the students are already tested in course examinations, the comprehensive examination should be based on oral examination by an external expert and the evaluation should cover both the research problem and theoretical background to execute the project. This shall   assess   the aptitude   of   the   student   and   suitability   of   the   student   for   the   given   research   topic.

The successful completion of comprehensive examination is to obtain the "Satisfactory" remark by the external expert.

15.2 Learning through online courses

In line with the suggestion in new education policy and the initiatives taken by ICAR and

MHRD in the form of e-courses, MOOCs, SWAYAM etc. and also changes taking place globally in respect of learning through online resources it has been agreed to permit the students to enrol for online courses. It is expected that the provision of integrating available online courses with the traditional system of education would provide the students opportunities to improve their employability by imbibing the additional skills and competitive edge.

The following points are to be followed while integrating the online courses:

1. Board of Studies (BoS) of each Faculty shall identify available online courses and a student may select from the listed courses. The interested students may provide the details of the on-line courses to the BoS for its consideration.

2. A Postgraduate student may take up to a maximum of 20% credits in a semester through online learning resources.

3. The host institute offering the course does the evaluation and provide marks/grades. The BoS shall develop the conversion formula for calculation of GPA and it may do appropriate checks on delivery methods and do additional evaluations, if needed.

Internship during Masters Programme

Internship for Development of Entrepreneurship in Agriculture (IDEA)

To give the students an opportunity to have a real-time hands-on experience in the industry as per ICAR guidelines (BSMA 2021), the internship/ in-plant training to enable the development of highly learned and skilled manpower to start their-own enterprises IDEA shall be implemented.

The main objectives of the programme:

1. To promote the linkages between academia and industry

2. To establish newer University - Cooperative R&D together with industry for knowledge creation, research and commercialization

3. Collaboration between Universities and industries through pilot projects

4. To develop methods for knowledge transfer, innovation and networking potential

5. To enhance skill, career development and employability

Following criteria for IDEA will be taken into consideration:

At any point of time there will not be more than 50% of students who can opt under IDEA

Major Advisor will be from Academia and Co-advisor (or Advisory Committee member) from industry

Total credits (30) will be divided into 20 for internship/ in-plant training and 10 for writing the report followed by viva-voce similar to dissertation

Work place will be industry; however, academic/research support would be provided by the University or both. MoU may be developed accordingly

The IPR, if any, would be as per the University policy.

17. Teaching assistantship

Teaching assistantship shall be encouraged for providing experience to the

Students on how to conduct courses, practical classes, evaluation and other related academic matters.

The fulltime doctoral students of the University with or without fellowship may be considered for award of Teaching Assistantships in their respective Departments. The Teaching Assistantship shall be offered only to those doctoral students who have successfully finished their course work. Any consideration for award of Teaching Assistantships must have the consent of the supervisor concerned.

Teaching Assistantships shall be awarded on semester to semester basis on the recommendation of a screening/ selection committee to be constituted by the Vice Chancellor. All classes and assignments given to the Teaching Assistants, including tutorials, practical and evaluation work shall be under the supervision of a faculty member who would have otherwise handled the course/ assignment.

Each Ph.D. student may be allowed to take a maximum of 16 classes in a month to UG/ Masters Students.

No additional remuneration shall be paid to the students who are awarded ICAR JRF/SRF.

The amount of fellowship to be paid as remuneration to other students (who are receiving any other fellowship or without any fellowships) may be decided by the concerned universities as per the rules in force. However, the total amount of remuneration/ and fellowship shall not exceed the amount being paid as JRF/SRF of ICAR.

At the end of each term, Teaching Assistants shall be given a certificate by the concerned

Head of the Department, countersigned by the School Dean, specifying the nature and load of assignments completed.

18. Registration of project personnel (SRF/RA) for PhD

A provision may be made to enable the project personnel (SRF/RA) to register for PhD.

However, this can be done only if they are selected based on some selection process such as walk-in-interview. The prior approval of PI of the project is mandatory to consider the application of project personnel (SRF/RA) for PhD admission

The candidates need to submit the declaration stating that the project work shall not be compromised because of PhD programme. Further, in order to justify the project work and Ph.D. programme, the number of course credits should not be more than 8 in a semester for the project personnel (SRF/RA) who intend to register for Ph.D.

19. Authorities to approve the results and issue pass certificates, Transcripts, Etc.

The Vice chancellor shall approve the results on the recommendation of the Dean and the registrar shall issue provisional pass certificates, transcripts etc. to the successful candidates.

20. Award of Degree

A degree under the seal of the university and duly signed by the officers authorized in this behalf shall be presented at convocation, to each candidate who has successfully completed the graduation requirements for the award of the degree. Diplomas of the candidates who have successfully completed graduation requirements for the award of the degree and are admitted in absentia to a degree, at convocation, shall be sent. The diploma shall set forth the name of the candidate, father's name, mother's name, degree, month and year of the successful completion of the graduation requirements etc.

21. Guide lines to prevent unethical practices in publication of articles etc.

In order prevent changing the order of priority in the authorship of research publications, the following guidelines are framed as in case of other institutes for strict adherence by all the concerned, while preparing the research articles, etc. for publication or their subsequent use.

21.1. For all research papers prepared on the basis of student research, the authorship should be in the order of student, chairperson, co-chairperson and members of advisory committee who have put in considerable efforts in the research work.

21.2. The first author should certify that due weightage was given to all those who contributed for the research work and also clearly indicate the source of material for the research article / publication i.e. student research /scheme work etc. and the period of conduct of such research work. If any part/ whole of the article/ paper/ manual of others is used by the students / staff, acknowledgement should invariably be made with regard to its original author to give a kind of gratification to him/her.

21.3. The research papers (along with one extra copy) should be routed through the head of the department where the work was carried out. The heads of department shall maintain a record of all extra copies so received. The heads of departments shall forward the articles to

the dean, after recording the following details in a register of publications which shall be shown to the superior officers during their visit.

1. Date of dispatch; 2. Title of the article/ bulletin; 3. Name of authors; 4. Source of material for publication.

All the concerned teachers/ students are requested to strictly adhere to the above instructions.

22. Schedule of submissions

Proposal for formation of advisory committee has to be submitted within 6 weeks from the commencement of the first semester. Subsequent changes to be sent in triplicate whenever required in proper format.

Proposal for programme of work has to be submitted in proper format at the end of first semester. Proposal for subsequent permanent changes in programme of work has to be sent in triplicate to Dean.

Synopsis of research work to be carried has to be sent to dean at the end of 2nd semester. For any subsequent change in title/ programme of work has to be submitted in proper format to Dean in triplicate.

During III/IV semester, the chairman of the advisory committee shall submit in proper format to the Head of department for action to conduct qualifying examination. After conduct of qualifying examination (written and oral) the result should be sent to the Dean in proper format. One copy to be retained in the department.

Within a month from the commencement of the semester, GPA reports pertaining to the previous semester has to be obtained and kept in students file.

Before end of each semester, proposal for evaluation of Research credits in proper format should be submitted to Dean through chairman and Head of department.

Proposal for submission of thesis along with one copy of thesis (one extra copy of thesis shall be preserved in the department), 4 Colour photographs (write name and Reg no. on back side), Course completion certificate, G.P.A.Reports, Copy of degree certificate of qualifying examination and Convocation application form stating that degree will be received in person/absentia are to be sent to Dean.

After conduct of final via –voce examination, the result has to be communicated in proper format to Dean along with three copies of thesis and abstracts of thesis and CD with bound copy certificate. One bound copy to be presented in the department.

23. Compliance with the National Education Policy-2020

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While implementing the course structure and contents recommended by the BSMA Committees, the Higher Education Institutions (HEIs) are complied with the provisions of National Education Policy-2020.

24. Definitions of academic terms

Chairperson means a teacher of the major discipline proposed by the Head of Department through the Dean of the College and duly approved by the Director of Education/Dean Post Graduate Studies (or as per the procedure laid down in the concerned University regulations) to act as the Chairperson of the Advisory Committee and also to guide the student on academic issues.

Course means a unit of instruction in a discipline carrying a specific number and credits to be covered in a semester as laid down in detail in the syllabus of a degree programme.

Credit means the unit of work load per week for a particular course in theory and/or practical. One credit of theory means one class of one clock hour duration and one credit practical means one class of minimum two clock hours of laboratory work per week.

Credit load of a student refers to the total number of credits of all the courses he/she registers during a particular semester.

Grade point (GP) of a course is a measure of performance. It is obtained by dividing the per cent mark secured by a student in a particular course by 10, expressed and rounded off to second decimal place.

Credit point (CP) refers to the Grade point multiplied by the number of credits of the course, expressed and rounded off to second decimal place.

Grade point average (GPA) means the total credit point earned by a student divided by total number of credits of all the courses registered in a semester, expressed and rounded off to second decimal place.

Cumulative Grade Point Average (CGPA) means the total credit points earned by a student divided by the total number of credits registered by the student until the end of a semester (all completed semesters), expressed and rounded off to second decimal place.

Overall Grade Point Average (OGPA) means the total credit points earned by a student in the entire degree programme divided by the total number of credits required for the P.G. degree, expressed and rounded off to second decimal place.

The final grading of student shall be done on a 10 point scale. The Grade point shall be obtained by dividing the total percentage of marks earned in a course by 10. The grade point shall be expressed in this scale up to one decimal place.