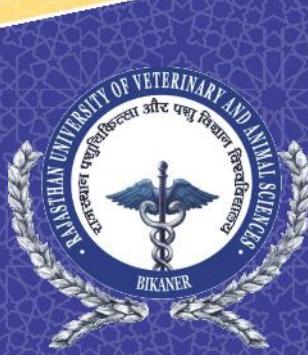


POST-GRADUATE STUDIES REGULATIONS

2021



।पशुधनं नित्यं सर्वलोकोपकारकम् ।

Rajasthan University of Veterinary and Animal Sciences

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Rajasthan University of Veterinary and Animal Sciences
Bikaner -334 001 (Rajasthan) India

DISCLAIMER

The rules and regulations contained in this booklet are believed to be correct at the time of publication. Besides these rules and regulations, other general rules regarding examination, admission etc. already in vogue in the university shall also be applicable. The Rajasthan University of Veterinary and Animal Sciences, Bikaner, however reserves the right to make amendments, additions, deletions to these without notice and the University will not be responsible for any hardship financial or otherwise encountered by the students due to such changes.

Dean, PGS

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पशुधन नित्यं सर्वलोकोपकारकम्।

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Prof. (Dr.) Col. Vishnu Sharma

Vice-Chancellor

PREFACE

It is a matter of pleasure that the Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner is going to publish its Post Graduate Studies Regulation-2021, containing effective rules and regulations for academic pursuit of post-graduation education.

Since establishment of the University in the Year 2010, it is constantly strived to make post graduate studies more responsive to the need of Veterinary Science as well as meet the demand of the society by providing trained manpower with specialization.

I appreciate the efforts made by Prof. Sunita Rani, Dean, Post Graduate Studies and his team for compiling and editing these Regulations. I also appreciate active efforts of Dr. A.K. Kataria & Dr. G.N. Purohit, Ex Deans, Post Graduate Studies and all faculty members for submitting suggestions to update. New PG regulations have possibly taken care to incorporate all suggestion and recommendations from faculty and regulatory bodies.

I am sure that the Post Graduate Studies Regulations-2021 of the University will be of immense use to both teachers and students.



(Vishnu Sharma)

Vice-Chancellor

पशुचिकित्सा एवं पशु विज्ञान महाविद्यालय, बीकानेर



पशुचिकित्सा एवं पशु विज्ञान महाविद्यालय, नवानिया, वल्लभनगर (उदयपुर)



स्नातकोत्तर पशुचिकित्सा शिक्षा एवं अनुसंधान संस्थान, जयपुर



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Rajasthan University of Veterinary and Animal Sciences, Bikaner

Post-Graduate Studies Regulations 2021

(Applicable With Effect From the Academic Session 2020-21)

Approved in Academic Council Meeting held on 7 October, 2020

vide resolution on Agenda No. 16/08

1. DEFINITIONS

- 1.1 "Academic Year" or "Academic Session" of the University shall ordinarily be between July to June and shall consist of two semesters.
- 1.2 "Semester" is an academic term of not less than 17 weeks of instructional days and one week of final semester examination.
- 1.3 "Course" means a unit of instruction or a segment of a subject matter to be covered in a semester. Each course is assigned a specific number, title and credits.
- 1.4 "Syllabus" means the outline or subject topics for the courses of study as adopted by the Rajasthan University of Veterinary and Animal Sciences, Bikaner, Rajasthan
- 1.5 "Credit Hour" also written as "credits" in short form implies that each credit hour will represent one hour of lecture or two hours of laboratory/field practicals/ clinics each week spread over seventeen weeks in a semester.
- 1.6 "Grade Point" will be the total marks obtained in a subject out of 100 divided by 10. It should be expressed on a 10 point scale up to second decimal place.
- 1.7 "Credit Point" in a subject will be grade point multiplied by the credit hours.
- 1.8 Total Credit Points shall be the sum of the credit points secured.
- 1.9 Grade Point Average shall be the sum of the total credit points earned divided by the sum of credit hours
- 1.10 Overall Grade Point Average shall be the sum of the grand total of credit points earned divided by the grand sum of credit hours
- 1.9 "Prescribed" means prescribed by the Academic Council.

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- 1.10 "Teacher" means normally a University Teacher as defined in the Act of the University. However, in order to further the objectives of the University to promote Human Resource Development in Higher Education, Instructors, Scientists (or by whatever designation) of other educational/research institutes, permanent or contractual teachers of affiliated colleges may also be counted as Teachers for the purposes of these regulations.
- 1.11 "College" means a constituent or affiliated college of the University, Institutions/ centers/livestock research stations where PG study programme has been approved by the University.
- 1.12 "Transcript" means a copy of the consolidated report of courses taken, grades obtained by the student and issued by the University after completion of all credit requirements of Post graduate degree programmes.

2. MAJOR FIELDS OF STUDY

The following shall be the Degrees to be awarded and Major Fields of Studies:

2.1 Faculty of Veterinary and Animal Science

2.1.1 Major fields of study for M.V.Sc. degree

Animal Biotechnology

Animal Genetics and Breeding

Animal Nutrition

Animal Reproduction, Gynaecology and Obstetrics

Livestock Production and Management

Livestock Products Technology

Veterinary Anatomy and Histology

Veterinary and Animal Husbandry Extension Education

Veterinary Biochemistry

Veterinary Clinical Medicine, Ethics and Jurisprudence

Veterinary Epidemiology and Preventive Medicine

Veterinary Microbiology

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Veterinary Parasitology

Veterinary Pathology

Veterinary Pharmacology and Toxicology

Veterinary Physiology

Veterinary Public Health

Veterinary Surgery and Radiology

2.1.2 Major fields of study for M.Sc. degree

Animal Biotechnology

2.1.3 Major field of study For Ph.D. degree by course work:

Animal Biotechnology

Animal Genetics and Breeding

Animal Nutrition

Animal Reproduction, Gynaecology and Obstetrics

Livestock Production and Management

Livestock Products Technhology

Veterinary Anatomy and Histology

Veterinary and Animal Husbandry Extension Education

Veterinary Clinical Medicine, Ethics and Jurisprudence

Veterinary Microbiology

Veterinary Parasitology

Veterinary Pharmacology and Toxicology

Veterinary Pathology

Veterinary Physiology

Veterinary Public Health

Veterinary Surgery and Radiology

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2.1.4. Provided that the Vice-Chancellor, on the recommendation/consultation of the concerned Authorities/University Bodies may order the opening of new M.V.Sc., Ph.D., Post Graduate Diploma, etc. courses as and when required.

Note: The rights of offering a particular degree programme in a college rests with the University.

3. QUALIFICATION FOR ADMISSION AND GENERAL RULES

For Master's programme a candidate must possess a Bachelor's degree in the concerned faculty from RAJUVAS, Bikaner or a degree declared equivalent thereto from a recognized University or Institute with a minimum percentage of marks prescribed along with other provisions. The admissions shall be made on the basis of merit secured in Pre-P.G. test conducted or recognized by the University

- 3.1 For Ph.D. by course work programme, a candidate must possess a Master's degree in the concerned subject and faculty from RAJUVAS, Bikaner or a degree declared equivalent thereto from a recognized University or Institute with minimum percentage of marks prescribed and other provisions. The admissions shall be made on the basis of merit secured in Pre-P.G. test conducted or recognized by the University.
- 3.2 Admissions shall normally be open in the first semester of the academic year.
- 3.3 No student shall be entitled to join more than one programme of studies concurrently anywhere. This shall, however, not apply to programmes on distance education/private mode, not affecting attendance requirement of the programmes of this university.
- 3.4 Admission to any study programme of the University cannot be claimed by a candidate as a matter of right.
- 3.5 Admission Committee may refuse admission to any candidate without assigning any reason whatsoever. However, in case a person is refused admission by the Admission Committee despite of his/her having secured such merit by which he/she stands higher than the last admitted candidate of his/her category, it would only be after the candidate has been given a hearing by the Admission Committee. The decision of the Committee shall be final.
- 3.6 The admission of an applicant suppressing any information or giving wrong information or facts or forging his signature or of his parents or attaching false

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certificates shall be forfeited at any stage before or after admission as well as during the progression of the programme, which shall be in addition to any other punishment that may be awarded to him/her.

- 3.7 Candidates who apply under a reserved quota shall be considered as per state government rules applicable at the time of admissions.
- 3.8 Following candidates shall not be given admission in the University or its constituent colleges, even if they are qualified for it :
 - A. A candidate against whom an FIR has been lodged by the University or any of the constituent colleges or by any other competent authority/officer of the University.
 - B. A candidate who has been punished by the university under Rules of Discipline.
- 3.9 Foreign students are normally admitted under the category of ICAR nominee.
- 3.10 Foreign students sponsored/nominated through ICAR shall be required to pay bench fee as prescribed by the ICAR or any other authority of Govt. of India. The terms and conditions set by ICAR or any other authority of Govt. of India shall be applicable to such students.

4. ACCREDITATION OF TEACHERS FOR P.G. TEACHING AND THESIS GUIDING

- 4.1 Each teacher shall seek accreditation for teaching post graduate courses and for guiding thesis of post graduate students through Dean, Post Graduate Studies, who shall grant provisional permission until the approval of the Academic Council.
- 4.2. Following shall be the norms of according accreditation to teachers :-

For teaching master's degree courses, a teacher shall possess either a Ph.D. degree or Master's degree in the concerned subject of the faculty.

- 4.2.1 A teacher shall qualify for guiding the thesis of master's degree student provided he/she is approved to teach master's degree courses and in addition has overall 3 years' experience of teaching/research/extension and at least two research publications.

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- 4.2.3 A teacher shall qualify for teaching courses of Ph.D. Degree, if he/she possesses a Ph.D. degree and having teaching experience of 3 years of post-graduate courses or 3 years experience of research/extension.
- 4.2.4 A teacher shall be eligible to guide thesis of Ph.D. Degree student, if he/she has qualified for teaching Ph.D. degree courses and in addition has a total of not less than 5 years of experience in teaching/research/extension and either 5 research papers published in journal of repute or has guided 3 theses of students at the master's level in the subject.

Advisor or co-advisor may also be recognized from outside the University system provided they otherwise fulfill the requirement.

- 4.3. Provided that, the University can relax the conditions mentioned above, where a programme is threatened to be stopped or a new programme is urgently to be started.
- 4.4. Suspension of accreditation of teachers

On the recommendation of the concerned Head of the department and the Dean of the concerned college the accreditation of a teacher for MVSc/Ph.D can be suspended by the Dean PGS after approval by the Vice Chancellor:

Rejection of theses of 2 or more students .

Detection of scientific misconduct in the form of submission of forged/manipulated data/photographs or other material in a theses or a scientific journal that may likely bring a bad name to the College/University.

The accreditation of a suspended teacher may be revoked by the Dean Post Graduate Studies (on approval by the Vice Chancellor) on written assurance by the teacher not to repeat the causes of suspension and due recommendation by the Head of the department and the Dean of the concerned college

5. ADVISORY SYSTEM

- 5.1 A major advisor shall be assigned to each student admitted in the P.G. programme by the respective Departmental Committee. The allotment of major advisor to a Ph.D. degree candidate may be made in consultation, but not obligatory, with the student. He/she should however, be a specialist in the field of study, the student is likely to pursue. The newly admitted students will be

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allotted to accredited teachers by departmental committee in equal numbers starting from senior most accredited teacher. In case student number is less than the available accredited teachers, the remaining teachers will be allotted students from next admission. The decision of the Head of the department shall be final. The proceedings / minutes of the committee for allotment of students will be sent to the Dean, PGS, RAJUVAS.

- 5.1.1 A teacher appointed for teaching would be major advisor of not more than 3 Ph.D. or 6 Master's students programme at any time. Where both Master's and Ph.D. students are registered, the proportion would be 1, 2 or 3 Ph.D. + 4, 2 or 0 Master's degree students. In exceptional circumstances, the Dean, P.G. Studies may extend this limit.
- 5.2 There shall be an Advisory Committee for each P.G. student constituted by the Dean, Post Graduate Studies (after making such changes as he/she deems necessary) on the recommendation of the major advisor in consultation with the Head of Department.
- 5.3 The Advisory Committee shall consist normally of 4 accredited teachers from the P.G. faculty which shall consist normally of one Major Advisor and two Advisors, one from major and one from related field and a nominee of Dean, P.G. Studies in master's programme. The Advisory Committee of the candidate for Ph.D. degree will consist of one additional member from the related field. The Major Advisor will be the Chairman of the Committee.
 - 5.3.1. Provided that, in case of unavailability/inability of one Advisor from Major Field, the Dean, Post Graduate Studies may allow two Advisors from related fields also, which may be from the same or different related fields.
- 5.4 If the student's programme of study so requires, he/she may have an additional Major Advisor, called Co-Advisor. Such Co- Advisor would be compulsory if student undertakes post graduate programme in which RAJUVAS and some other University or institute collaborate. Co-Advisor can also be from the same University but different college but not from the same college.
- 5.5 Major Advisor, Co-Advisor shall be teachers accredited for guiding Master's or Ph.D. thesis.
- 5.6 The Major Advisor shall convene the meeting of the Advisory Committee at least once in each semester to assess the progress of the student . It should advise

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the student in such a manner as it deems fit and ensure that the student can complete the work in the stipulated time.

- 5.7 The Advisory Committee will function until the student graduates from that particular programme or is dropped from the rolls of University or College.
- 5.8 The Dean, P.G. Studies can replace a member of the Advisory Committee during a programme, if the member including Major Advisor or Co-Advisor :-
- (i) ceases to be member of P.G. faculty
 - (ii) has gone out of the country for more than 3 months during the currency of the programme
 - (iii) has requested to be replaced
 - (iv) has been transferred from the campus or retired or otherwise left.
 - (v) is prevented by illness to function properly
 - (vi) any other valid reasons.
 - (vii) In case the member has been replaced temporarily the original member will continue to be member on his/her return.

5.8.1 The Dean, P.G. Studies may, however, permit a member of advisory committee to continue provided the member is resident in India and is available for consultation.

5.9 Responsibilities of Advisory Committee :

5.9.1 The Advisory Committee shall prepare a programme of study of the student after giving due consideration to his/her academic background and aptitude. He/she may also be required to undertake non-credit courses to overcome any deficiency in his/her academic standard. Successful completion of such non-credit courses would be compulsory.

5.9.2 It shall also discuss the research problem of the student and guide him/her to prepare synopsis and recommend the same through Head, for approval by the Dean, P.G. Studies after the student has given a seminar on the subject.

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- 5.9.3 It shall examine the student for comprehensive examination.
- 5.9.4 It shall approve the standard and quality of the thesis before submission of the thesis to Dean, P.G. Studies for external evaluation after the student has presented the work in a thesis seminar.
- 5.9.5 It shall examine the student in a viva-voce examination on the thesis after due recommendation of the external examiner(s).
- 5.9.6 No change in the programme of studies once approved shall normally be permitted. However, under special circumstance, the Dean, P.G. Studies may on the recommendation of the Advisory Committee, Head of the Department and the Dean of the College concerned for reasons to be specified, permit change in the programme of studies.

6. AWARD OF A DEGREE

- 6.1 A student admitted to a post graduate programme shall have to successfully complete the following before award of a degree:
- (a) An approved programme of study prepared by his/her Advisory Committee.
 - (b) A comprehensive examination.
 - (c) Submission of thesis and its evaluation.
 - (d) Thesis viva-voce examination.
 - (e) Minimum residential requirement.
 - (f) Minimum OGPA requirement.
- 6.2 A student for master's programme shall be required to complete a minimum of 60 credit hours for the degree.

Major subject 28 credit hours

Minor and supporting subjects 11 credit hours

(Minimum 6 from Minor and 3 from supporting subjects and rest 2 from either Minor or supporting subjects)

Seminar	01 credit hours
Research	20 credit hours

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In addition to above minimum credit courses a student shall have to take four non-credit compulsory courses

- 6.3 A Ph.D. student shall be required to take a minimum of 75 credit hours. He/ She will take at least two courses of 700 series in the major subject. He/She may also take 600 series courses if not studied during Master's programme. Rest of the courses shall be based on the requirements of research. The breakup of credit hours will be as follows:

Major subject	17 credit hours
---------------	-----------------

Minor and supporting	11 credit hours
----------------------	-----------------

(Minimum 6 from Minor and 3 from supporting subjects and rest 2 from either Minor or supporting subjects)

Seminar	02 credit hours
---------	-----------------

Research	45 credit hours
----------	-----------------

A student may also be required to take non-credit compulsory course if not studied during Master's programme.

- 6.4 A student for master's programme and Ph.D. programme shall be required to complete a minimum period of 4 semesters and 6 semesters in residence, respectively. This requirement for residence shall be 5 (for masters) and 7 semesters (for Ph.D.) for part time in-service students of RAJUVAS or considered as "in the service of the University" by the University. A student whose programme of study includes non-credit/deficiency courses may be required to be in residence for one or more semesters extra.

- 6.5 A student shall have to complete all the requirements including submission of thesis within 8 and 12 semesters for master's and Ph.D. programmes respectively, which will also include period of scholastic probation or temporary withdrawal from the semesters, failing which his admission shall stand cancelled.

- 6.6 A student shall be required to secure a minimum grade of 6.0 points for passing in a course and a minimum OGPA of 6.50 to continue and to obtain a degree in a 10 point scale.

7. REGISTRATION

- 7.1 A student admitted to a programme shall have to register in the college in the semester admitted within the stipulated time indicated in the notice of admission, failing which his admission will stand cancelled.
- 7.2 Every post graduate (MVSc/Ph.D) student -unless granted a formal temporary withdrawal by the Dean of the College/Incharge PG Programmes (by whatever name called, as the case may be with other centers of the University), shall be required to register for admission in each semester until the completion of all requirements for the degree including thesis seminar for which he/she is working.
- 7.3 A full time regular post graduate student shall not be allowed to register for more than 15 credit hours and not less than 9 credit hours of courses in any semester. However, in the last semester of his course work he/she may be permitted to register for up to 20 credit hours to complete the programme of study.
- 7.4 Any candidate considered as “In the Service of the University” by the University shall be treated as a part time student, who shall not be allowed to register for more than 12 credit hours and not less than 6 credit hours of courses in a semester. He/she will however, be required to ensure that he/she continues to carry-out his job during the time his/her attendance is not required in any class/research/otherwise.
- 7.5 The minimum limit of credit hours to be registered in a semester shall not apply to students after completion of minimum residential requirement.
- 7.6 A student shall be permitted to join (add) courses or withdraw from courses within 2 weeks of commencement of the semester in such a way that the limits of maximum/minimum credit hours in that semester have not been crossed.
 - 7.6.1 Attendance in courses joined later shall however, be counted from the date of registration in the semester and it will be the responsibility of the student to maintain minimum attendance requirement.

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7.7 Temporary withdrawal from the programme :

- 7.7.1 A student shall be permitted by the Dean of the College to withdraw from a programme for a specific period not exceeding two semesters on the recommendations of the Major Advisor and Head of the Department, provided he/she makes a written request.
- 7.7.2 The Vice-Chancellor on a written formal application submitted by the student seven days before the expiry of the withdrawal period and duly recommended by the Head of Department and the Dean of College may further grant an extension or the leave of absence in one semester to him/her on the grounds of some compelling situation to be specified.
- 7.7.3 Failure to register or to obtain formal permission to withdraw from university/college will constitute presumptive evidence that a student has withdrawn from the college and his/her admission shall stand cancelled.
 - 7.7.3.1 No student should leave the college/university without obtaining formal permission from the Dean of the college.
- 7.7.4 Student who is granted formal permission to temporary withdrawal may be exempted from all fees during the period of their withdrawal however if he/she withdraws in the middle of a semester, the semester fee will not be refunded. Those who do not obtain formal permission shall be charged full fees for the semesters missed before re-registration.

8. AWARD OF GRADES

8.1 Following abbreviations shall be used to denote the performance of a student in a course

DE	-	Detained
F	-	Fail
NC	-	Non-credit courses
R	-	Repeated
S	-	Satisfactory
UM	-	Unfair means
US	-	Unsatisfactory
W	-	Withdrawn

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- 8.2 Grade DE shall be awarded to a student in a course in which he/she is detained from appearing in the final semester examination on account of shortage in attendance. Grade “DE” will also be equivalent to point “0” (zero) in 10 point scale for calculation of “SGPA/OGPA”.
- 8.3 Grade “W” shall be awarded to a student in a course from which he/she drops/ withdraws from his/her schedule within the time stipulated, i.e. 2 weeks from the commencement of semester. Credit hours for this course will not be included for computing GPA/OGPA.
- 8.4 Grade “UM” shall be awarded to a student who has used unfair means in tests/ final semester examination, and that shall be treated as “0” (zero) in 10 point scale.
- 8.5 A student shall be awarded F in examination/tests in which he/she fails to appear for any reasons whatsoever or obtains less than 6.0 points in 10 point scale. The final grade shall be reported on the basis of marks obtained in other tests/examinations.

9. ACADEMIC STATUS AND SCHOLASTIC PROBATION

- 9.1 A student shall be required to secure at least 6.0 points in a course for its successful completion.
- 9.2 A student shall be required to attain a minimum OGPA of 6.50 separately in credit and non-credit courses (deficiency) without F/DE/UM/ in any course to be on good academic standing.
- 9.3 A student awarded grade “F” in a course shall repeat the course to pass it, the grade of repeat course shall replace the earlier one with an “R” associated with it.
- 9.4 A student with grade “F” or “DE” in courses shall be permitted to repeat it as a regular student in the next semester when offered before taking up new courses without affecting the normal schedule of the courses offered in that semester. In case of clash, he/she shall drop the new courses.
- 9.5 A student shall be permitted to repeat courses with 6.0 and above but below 6.5 points only once, to enable him to achieve minimum OGPA of 6.50, whenever next offered. The grade of repeated course shall replace the original one with “R” associated with it.

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- 9.6 A student with an OGPA of less than 6.00 at the end of any semester shall be removed from the college and no petition shall be entertained.
- 9.7 A student with an OGPA of less than 6.50 or grades “F”, “DE” “UM” in any course at the end of a semester shall be placed on scholastic probation in the subsequent semester.
- 9.8 A student on scholastic probation ending up again with an OGPA of less than 6.50 or with grades “F”, “DE”, “UM” in any course shall either be placed on scholastic probation in the subsequent semester or be dropped from the college at the discretion of the Dean of the College.
- 9.9 A student after being on scholastic probation and dropped from the college, shall be permitted to apply for a mercy petition to the Vice-Chancellor through Dean of the College within 5 days. A committee constituted by the Vice-Chancellor shall after considering all aspects of the case either recommend the continuation of the student on scholastic probation for one more semester or reject the mercy petition. The committee may review its decision on detection of a patent error or facts.
- 9.10 A student recommended to continue for one more semester on scholastic probation shall be registered without late fee within seven days of the order and with a fine as prescribed by the College/University.

10. ATTENDANCE

- 10.1 A student shall be permitted to appear in the final semester examinations after a minimum attendance of 75% separately in theory and practical's in each course from the date of registration in that course.
- 10.2 Enmasse absence from the classes shall be treated as absent in the attendance record of the student.
- 10.3 A further relaxation of 10% may be granted on the minimum attendance of 75% by the Vice-Chancellor on cogent grounds on the recommendation of the Dean of the College.
- 10.4 Attendance to the extent of number of lectures/practicals missed in a course with a maximum of 8 days of absence in a semester shall be credited on production of certificate by the student deputed to represent college and university in co/extra-curricular activities at the college/district/state/national level.

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- 10.5 If a student abstains continuously for 7 working days in a semester his/her registration in the semester will be cancelled and parents/guardians shall be informed accordingly at his/her permanent address. Such a student will be provided an option for re-registration in the semester within 7 days of the cancellation of the registration by paying prescribed fees. If the student fails to avail this option, he/she may seek re-admission within two weeks of the cancellation by paying double the amount of fees prescribed for seven days period. However, fulfillment of attendance requirement will be his/her responsibility.

11. TESTS AND EXAMINATIONS

- 11.1 There shall be two mid-term tests of 20 marks each. A student can opt to appear in one or both the tests. Higher marks obtained in either of the test shall be used to compute final grade at the end of the semester. Courses with theory as well as practical components and courses with theory only shall be examined in written mid-term tests.

11.1.1 Mid-term tests: The 1st mid-term test shall be held after completion of 15 classes or 1/3rd of scheduled lectures/practical's in a semester prescribed and 33% of the syllabus of the course. The 2nd mid-term test shall be held after completion of total 30 classes or 2/3rd of scheduled lectures/ practical's prescribed in the semester and 66% of the syllabus of the course. Mid-term tests/practicals shall be conducted by the concerned teachers in the department on scheduled dates.

11.1.2 Question paper/practical shall cover 33% of the syllabus in the 1st mid-term test and 66% of the syllabus in 2nd mid-term test.

- 11.2 There shall be a final semester examination at the end of each semester consisting of written theory examination of 2 hours' duration and practical examination of 3 hours duration or more. The evaluation of answer book shall be done internally by the concerned teachers.

- 11.3 The distribution of marks in the mid-term test and final semester examination shall be :-

Mid-term test (theory/practical)	20 marks
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Final Semester Examination	80 marks
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Post-Graduate Studies Regulations : 2021

(a) Theory	50 marks
(b) Practical	30 marks
Credit seminars	100 marks

Where there is no practical prescribed, the final theory examination shall be of 80 marks and vice-versa. If a course has more credits of practical's than theory, the final practical examination will be of 50 marks and theory of 30 marks.

11.4 General Rules

- 11.4.1 No tests/examinations shall be postponed on the grounds of failure of electric supply.
- 11.4.2 No special test/examination shall be held for students who miss it on grounds like being in police custody or attendance in a court.
- 11.4.3 Separate rules prescribed for cases of unfair means and indiscipline in the test/examination shall apply.
- 11.4.4 The decision to re-conduct the examination in the papers in which students have staged walk out or boycott shall vest with the Chancellor. The students, therefore, need not approach the university authorities in this regard.

12. CREDIT SEMINARS

A student in Master's and Ph.D. programme shall be required to satisfactorily deliver one and two seminars against one and two credit hours, respectively. The Seminars should be delivered before comprehensive examination. Ph.D. students may also be required to teach B.V.Sc. and A. H. and M.V.Sc. classes classes and teach part of courses as a part of their Ph.D. programme.

13. APPOINTMENT OF EXTERNAL EXAMINERS

- 13.1 A comprehensive list of external examiners of the rank of Associate Professor and above shall be prepared by the Major Advisor/Head and submitted to the Dean, P.G. Studies. Specialization and experience of each examiner shall be indicated before his name. Such panel should contain at least 20 names per subject/discipline.

Post-Graduate Studies Regulations : 2021

- 13.2 The Vice-Chancellor shall appoint an examiner for comprehensive or thesis evaluation out of this list or beyond this list on the recommendation of the Dean, P.G. Studies.

14. COMPREHENSIVE EXAMINATION FOR MASTER'S DEGREE

- 14.1 A student on good academic standing shall be allowed to appear in the comprehensive examination, whenever next scheduled after successful completion of at least 75 per cent of course work prescribed.

- 14.2 The Major Advisor as Chairman of Advisory Committee shall conduct the comprehensive examination with the help of student's Advisory Committee under the overall control of the Head of Department. The comprehensive examination for Master's programme shall consist of following:

Major Subject	One paper
Minor Subject	One paper
Paper Setting	Internal
Evaluation	External
Qualifying Marks	60%
Viva Voce	External
Grading	Satisfactory/Unsatisfactory

- 14.3 The comprehensive examination shall consist of a written examination having two papers one each of 100 marks from major and minor subjects and an oral examination of 100 marks. Each paper will be of 3 hour's duration. A student shall be required to obtain at least 60% marks in major and minor subjects separately to have passed the examination satisfactorily. The paper setting for the written examination shall be internal; however the evaluation will be external. A student who has passed the written examination shall be eligible for oral examination. Oral comprehensive examination shall be conducted in the presence of external examinor.

- 14.4 If a student's performance in written comprehensive examination is unsatisfactory, he shall be required to reappear in written examination (major and/or minor subjects as applicable) whenever scheduled next but not earlier than one month of previous examination.

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- 14.5 No student who has not passed comprehensive examination and all semester examinations, and has not achieved satisfactory grades in each course (including non- credit/deficiency courses) shall be permitted to submit thesis.
- 14.6 The Written comprehensive examination and oral comprehensive examination for all eligible students of M.V.Sc. & Ph.D of individual department shall be conducted collectively by the respective departments. In special cases, Dean PGS can take the decision concurrence with HOD of that department.

15. COMPREHENSIVE EXAMINATION FOR Ph.D. DEGREE

- 15.1 A Ph.D. student on good academic standing shall be allowed to appear in the comprehensive examination, whenever next scheduled after successful completion of at least 75 per cent of course work prescribed separately in major and minor subjects including seminars.
- 15.2 The Major Advisor as Chairman of Advisory Committee shall conduct the comprehensive examination with the help of student's Advisory Committee under the overall control of the Head of Department. The comprehensive examination for Ph.D programme shall consist of following:

Major Subject	Two Papers
Minor Subject	One paper
Paper Setting	Internal
Evaluation	External
Qualifying Marks	60%
Viva Voce	External
Grading	Satisfactory/Unsatisfactory

- 15.3 The comprehensive examination shall consist of two parts, a written examination followed by an oral examination. The written examination shall have two papers each of 100 marks from major and one paper of 100 marks from minor subjects. Each paper will be of 3 hour's duration. A student shall be required to obtain at least 60% marks in major and minor subjects separately to be eligible to appear in oral examination. The paper setting for the written examination shall be internal however, the evaluation will be external.

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- 15.4 If a student's performance in written comprehensive examination is unsatisfactory, he shall be required to reappear in written examination (major and/or minor subjects as applicable) whenever scheduled next but not earlier than one month of previous examination.
- 15.5 A student shall appear in oral comprehensive examination if eligible, whenever scheduled after the written examination preferably within two months to be conducted by the student's Advisory Committee, and an external examiner and attain a satisfactory performance. Satisfactory performance here means at least 60% marks separately in written and oral examinations.
- 15.6 If a student's performance in oral comprehensive examination is unsatisfactory, he shall be required to reappear in oral examination whenever scheduled next but not earlier than one month of previous examination. If he fails again, he shall not be allowed to continue and qualify for Ph.D. degree.
- 15.7 Only a student who has passed comprehensive examination and all semester examinations, and has achieved satisfactory grades in each course (including non- credit/deficiency courses) shall be permitted to submit thesis.

16. SYNOPSIS OF PROPOSED RESEARCH WORK

- 16.1 A student shall preferably select as far as possible a research topic for his thesis, which has relevance to the need of the state of Rajasthan.
- 16.2 The objective of the master's degree research should be to train the student in the research methodology and to develop his potential in conducting research, whereas the Ph.D. degree research should be indicative of the student's capacity for independent constructive thinking and interpretation as well as in department research work. The research work carried out for Ph.D. degree should have definite contribution to the advancement in the area and of a quality meriting publication in national and international journals of repute.
- 16.3 A student shall prepare a synopsis of proposed research work under the guidance of the Major Advisor and the supervision of the Advisory Committee in the prescribed format and submit the same after giving a seminar before the advisory committee within the time period prescribed. The synopsis would also have to include in addition to the work plan, the justification for taking up the thesis subject, a survey of existing literature on the subject and a list of references.

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- 16.4 The synopsis shall be got examined and shall have to be recommended by the Professor before final approval by the Dean, P.G. Studies (after making changes, if needed). In the absence of a University Professor being available in RAJUVAS, while the Ph.D. research synopsis shall be referred to an outside expert of the rank of University Professor and above for his recommendation about the scope and suitability of the proposed research work by the Dean PGS. The synopsis of master's degree research shall be recommended by the Head of Department of the rank of Associate Professor and above.
- 16.5 Once the synopsis has been approved, major changes in the title and/or in the detailed outline shall not be allowed without the prior permission of the Dean, P.G. Studies. If the major changes are permitted, the student shall submit thesis only after one month of approval of the changes. Whereas in case the minor changes, which do not affect the quantum and quality of work and has been permitted by the Dean, P.G. Studies, the time bar shall not be applicable.
- 16.6 A student shall not start the research work prior to final approval of the synopsis by the Dean, P.G. Studies.
- 16.7 The research work shall normally be carried out only at the campus of student's registration. However, if the Departmental Committee on the advice of Major Advisor recommends the conduct of research work at any approved research stations of RAJUVAS or elsewhere, where facilities for it exist, the student shall be permitted to work there and a major advisor or co- advisor shall be required to be stationed at the station for the period the research is undertaken at that place.

17. THESIS PREPARATION AND SUBMISSION

- 17.1 The student's Advisory Committee shall approve the quantum and quality of research work as per the synopsis approved in a seminar to be given by the student, before he/she starts writing the thesis.
- 17.2 A student shall submit one copy of paper bound thesis for Master's degree and 2 copies of paper bound thesis for Ph.D. degree along with abstract and required certificates to the Dean, P.G. Studies through Major Advisor, Head of Department and Dean of the College. He/She should also submit the thesis of Master's/ Ph.D. in the form of soft copy in CD/pen drive/other appropriate electronic methods available.

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- 17.2.1 All the Ph.D. students shall write two quality research publications for a journal (NAAS rating more than 5.0) before submission of their theses and copies of two papers (with the evidence of acceptance of one and submission of another to a referred journal) shall be submitted to Dean. PGS along with the thesis without which thesis will not be accepted. The MVSc students shall submit one research publication to a journal before approval of theses by the Dean PGS.
- 17.3 The last day for submission of thesis in a semester shall be the last working day, which shall be a day prior to the start of next semester. The earliest a student can submit his thesis after approval of synopsis shall be on completion of 75% attendance in the last semester.
- 17.4 A student shall be permitted to write his/her thesis in English with an abstract in English and Hindi.
- 17.5 A student who has successfully completed all requirements (including thesis seminar) except submission of thesis may be permitted by the Dean, P.G. Studies to withdraw from the College to resume duties or to accept an employment. He/she shall, however, have to submit the thesis within two years of successful completion of comprehensive examination for master's degree and within four years after successful completion of comprehensive examination for Ph.D. degree subject to the maximum permissible period prescribed. A Ph.D. student shall be required to register in the semester in which thesis has to be submitted.
- 17.6 A student for master's degree may submit thesis within the maximum permissible period after completion of all the requirements by paying prescribed fees without registering in a semester subject to permission by the Dean Post Graduate Studies.

18. EVALUATION OF MASTER'S THESIS

- 18.1 An external examiner appointed by the Vice-Chancellor shall evaluate the thesis and submit a detailed report along with his recommendations on prescribed format. The major advisor will be required to send a panel of examiners for thesis evaluation through the Head of the department.
- 18.2 The student shall be examined by his Advisory Committee on his thesis in viva-voce after receipt of a satisfactory report on the thesis and recommendation of the external examiner.

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- 18.3 A student, whose performance in the viva-voce examination has not been satisfactory, shall be required to re-appear in it, between one to three months after the first viva-voce.
- 18.4 If the external examiner has recommended revision of the thesis, the student shall revise it under the supervision of Advisory Committee and may resubmit it within six months for re-evaluation by the same external examiner. However, the decision of advisory committee will be final with regards to revision of the thesis.
- 18.5 If the external examiner rejects the thesis, it shall be sent to two other examiners for evaluation. If one of them rejects it, the student shall be declared fail in the degree.
 - 18.5.1 A student declared fail for the degree may file mercy petition to the Vice-Chancellor through Dean, P.G. Studies. The Vice-Chancellor after examining the whole case may permit him to re-register for thesis only under the same Major Advisor or another one as proposed by Head of Department and approved by the Dean, P.G. Studies.
 - 18.5.2 He/She may be allotted the same or a revised research problem and shall re-appear in the comprehensive examination whenever held next. He/She shall be required to submit the thesis within two years from the date of passing the comprehensive examination.
- 18.6 The student shall submit the hard bound copies of the theses along with the correction certificate to the Dean, P.G. Studies through Major Advisor, the Head of Department and the Dean of College, after a successful viva-voce and incorporation of all suggestions and corrections suggested by the external examiner and the Advisory Committee. However, decision of the advisory committee will be final with regards to corrections suggested by external examiner. The date of submission of bound thesis will be the date of award of degree. The thesis shall be accompanied with the report of viva-voce and certificate of major advisor regarding incorporation of suggestions.

Note: - If the major advisor has been transferred or left the university and denies in writing to be available to conduct the viva-voce a substitute shall be appointed by the Dean, P.G. Studies on the viva-voce committee on the recommendation of the Head of Department.

19. Ph.D. DEGREE THESIS EVALUATION

- 19.1 Two external examiners appointed by the Vice-Chancellor shall evaluate the thesis and submit a detailed report along with any one of the following recommendations:
- (a) The thesis be accepted for the award of Ph.D. degree after viva-voce examination.
 - (b) The thesis be revised in view of the detailed report enclosed and should be re-submitted.
 - (c) The thesis should be rejected.
- 19.2 When both external examiners recommend the acceptance of thesis without any serious adverse comments, a viva-voce on the thesis shall be conducted by the Advisory Committee with the help of one of the external examiners under the chairmanship of the Dean, P.G. Studies and in his absence Dean of the College under the administrative control of the Head of the Department. The viva-voce shall be open to all university teachers and post graduate students.
- 19.3 When one or both examiners recommend revision of the thesis, the student shall revise it under the guidance of the Major Advisor and the supervision of the Advisory Committee. He/she shall re-submit the revised thesis within six months, which is extendable by another six months on the recommendation of Major Advisor. The thesis shall be re-evaluated by the same examiner. However, the decision of advisory committee will be final with regards to revision of thesis.
- 19.4 When one of the examiners recommends rejection of the thesis, it shall be sent to the third examiner, whose recommendation shall be final.
- 19.5 When both the examiners reject the thesis, the student shall be declared fail for the degree. He/She may, however, make a petition to the Vice-Chancellor through the Dean, P.G. Studies. The Vice-Chancellor after examining the whole case may permit him to re-register for thesis only, under the same Major Advisor or another one as proposed by the Head of Department and approved by the Dean, P.G. Studies.
- 19.5.1 He/She may be allotted the same or a revised research problem and shall re-appear in the comprehensive examination within one year of permission. He/She shall be required to submit the thesis within 2 years of passing the comprehensive examination.

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- 19.6 A unanimous decision of the viva-voce examination committee shall be required for satisfactory performance. If performance is unsatisfactory, the student shall re-appear in the viva-voce within 1 to 3 months of the first viva-voce.
- 19.7 The student shall submit all hard bound thesis to the Dean, P.G. Studies through Major advisor, Head of Department and the Dean of the College, after a satisfactory viva-voce and incorporation of all suggestions and corrections suggested by the external examiner and the examination committee. However, decision of the advisory committee will be final with regards to corrections suggested by external examiner. The thesis shall be accompanied by the report of the viva-voce and a certificate from Major Advisor regarding incorporation of suggestions.

A Ph.D. student, based upon the performance in viva-voce examination, comprehensive examination, class room performance, semester examination, etc. all being found satisfactory may apply along with prescribed fee to the Dean, P.G. Students for issue of a provisional certificate indicating completion of degree requirements and on recommendation of the Dean, P.G. Studies; the Vice-Chancellor may issue such certificate.

Note:- If the Major Advisor has been transferred or left the University, and denies in writing to be available to conduct the viva-voce, a substitute from existing advisory committee may be appointed by the Dean, P.G. Studies on the viva-voce committee on the recommendation of the Head of Department.

20. COLLABORATIVE PROGRAMME

- 20.1 A student may be permitted to complete course requirement or research work for his degree in part or full at any ICAR or other institutions having similar programmes provided a MOU is to be signed between RAJUVAS and these institutions on reciprocal basis after approval by the Academic Council on the recommendation of the Dean PGS. The period spent by the student at these institutions shall be counted towards his residential requirement.

A candidate may be sent to any research station of the University or institute of repute where research facilities and staff are available for conducting research work if in the opinion of the Departmental Committee the field of candidate's specialization is available away from the campus. The Co-Advisor shall be required to be stationed at the place where the candidate carries out research investigation.

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- 20.2 A candidate from other Universities admitted to a Ph.D. degree programme may be permitted to carry out research work for the thesis in his home university after completion of all requirements including comprehensive examination under an approved and qualified co-supervisor of his home university on reciprocal basis.
- 20.3 When a student is permitted to migrate from other University to RAJUVAS in the middle of a programme, he/she shall submit a character certificate, transcript of courses taken and grades obtained in that institution. The Dean, P.G. Studies shall appoint a committee to examine his/her case and make recommendations about the exemption of credits after a proficiency test, if considered necessary. The exemption of credits permitted by the Dean, P.G. Studies shall not be greater than 12 credit hours.
- 20.3.1 The overall grade point average shall be based on the grades obtained in both the Universities.
- 20.3.2 The residential requirement for such student shall be determined by the Dean of the College and approved by the Dean, P.G. Studies in each case separately and shall not be less than two semesters.

21. ADMISSION RULES

In addition to rules in clause No. 3, the following will be applicable:

Admission to Post graduate (M.V.Sc. and Ph.D.) programme are made through a competitive Pre Post Graduate Test conducted by RAJUVAS at the time and place announced by the Coordinator, Pre-PG Test once in a year. The eligibility criteria, number of seats available for admissions in different disciplines will be as advertised in the Pre PG Test booklet.

22. AUTHORITY TO INTERPRET THE RULES

Any question about the interpretation of these rules shall be decided by the Vice Chancellor, who may if he/she so desires consult the Post Graduate Council of the University to seek necessary clarification.

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APPENDIX-I

Proforma for the approval of the advisory committee of student

(To be filled in four copies for Dean PGS, Dean _____, Head and Major advisor)

Department of _____

College of Veterinary and Animal Science, _____, Rajasthan

No: VCB / 2020 /

Date _____

1. Name of the student and subject _____

2. Registration number _____ Enrolment No _____

3. Degree programme _____

4. Name of the major advisor _____

5. Number of students registered

In the current semester other

than the proposed student (A) Masters _____

(B) Ph.D _____

6. Proposed advisory committee

S.No	Name	Designation	PG Code approval number in detail	Major Advisor/Co- Advisor/Advisor	Signature

Signature of Major advisor

Recommended and forwarded to the Dean _____ for onward transmission to the Dean Post Graduate studies for approval of student advisory committee.

Head

(Name and Seal)

No: ____/Stu/2020

Date _____

Recommended and forwarded to the Dean PGS, Rajasthan University of Veterinary and Animal Sciences, Bikaner for approval of Advisory committee.

Dean

NO: RAJUVAS/PGS/

Date _____

Nomination of Advisor by Dean PGS, Rajasthan University of Veterinary and Animal Sciences, Bikaner

S.No	Name	Designation	Advisor code	Approval No & date

Approved advisory committee as per PG regulation No. 5.2 to 5.5

Dean PGS, RAJUVAS

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APPENDIX-II

Proforma for approval of course programme (Form PG-11)

NAME OF INSTITUTE: _____

(RAJASTHAN UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES, BIKANER)

COURSE PROGRAMME OF MVSc./Ph.D. STUDENT

(ALL ENTRIES MUST BE TYPED)

1. Degree in which admitted :
2. Subject :
3. Name of the student :
4. Father's Name :
5. College of admission :
6. Semester and Year of Admission :
7. Category :
8. Date of Registration :
9. Registration No. :
10. Enrolment No. :
11. Permanent address(brief) :
12. Institution last attended :
13. Date and Place of Birth :
14. Citizen :
15. Qualifying Degree :
16. Aggregate Percent of OGPA :
17. Employer's Name if Any :

I hereby declare that above information is correct.

Signature of Student.....

Certified that the academic attainment of the student prior to joining of the aforesaid programme has been assessed properly and the advisory committee recommends the course mentioned in this form including compulsory, deficient Non-credit and or exempted course.

S.No.	Advisory Committee	Name and Designation	Department	Signature
1.				
2.				
3.				
4.				
5.				

Head of Department

DEAN

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COURSE PROGRAMME APPROVED BY THE ADVISORY COMMITTEE

COURSE NO.	TITLE OF THE COURSE	CREDOT HRS.	MAJOR/ MINOR/ SUPPORTING

C-Credit

NC-Non-Credit course

Head of Department

Above Course Programme is Approved.

DEAN P.G.S. Studies

Format of Certificate for submission of report of Comprehensive Examination

CERTIFICATE OF COMPREHENSIVE EXAMINATION

SEMESTER II/IV 20_____

This is to certify that Mr/Miss/Mrs _____ a student of M.Sc (Animal Biotechnology)/ M.V.Sc/Ph.D in the subject of _____ was examined by the following members of the committee for _____ Written/oral comprehensive examination (non credit) held on _____ at the _____ (Name of College) _____. On the basis of his/her performance, the members of the committee have awarded her/him the following marks and grade:-

M.V.Sc. Written examination (one paper each from major and minor subjects)

Marks obtained a) Major _____ (M.M. 100)
 b) Minor _____ (M.M. 100)
 c) Oral _____ (M.M. 100)
 Total(a+b+c) _____ (MM 300)
 Percent _____

Comprehensive examination
 Grade _____
 (Satisfactory/unsatisfactory)

Ph.D. Written (two papers from major and one paper from minor subjects) and oral examination

Marks obtained a) Written examination Major _____ Minor _____
 (M.M. 200) (M.M. 100)
 b) Oral examination (M.M. 300)
 Total (a+b) (M.M. 600)

Percentage _____ Grade
 (Satisfactory/unsatisfactory)

Major Advisor (Name & Signature)

Advisor (Name & Signature)

Advisor (Name & Signature)

Advisor (Name & Signature)

External Examiner (Name Signature)

Advisor (Name & Signature)

Countersigned _____

Head of Department
 (Name & Signature)

Date:

Copy to: a) The Dean, P.G. Studies, RAJUVAS, Bikaner
 b) The Controller of Examination, RAJUVAS, Bikaner.
 c) The Assistant Registrar (College concerned)
 d) The student file in the department

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APPENDIX - IV

Format for submission of synopsis Rajasthan University of Veterinary & Animal Sciences, Bikaner.

SYNOPSIS

1. Name of Scholar _____
2. Registration No. _____ Date of Registration _____
3. Title of Thesis _____
4. Department and College _____
5. Expected duration of the work _____
(Give the period from to.....) one semester for MVSc and two semesters for PhD after approval of synopsis
6. Objectives
7. Importance of proposed investigation
8. Review of Literature
9. Proposed plan of work
10. Facilities existing including farm, equipment with details
11. Location of area, if field work
12. Literature cited
13. Certificate

The members of Advisory Committee of _____ met on _____ in which the candidate presented in the form of a seminar, the synopsis of his research work entitled _____ to be carried-out for (degree) _____ in (subject) _____. After discussion the committee has recommended the synopsis for approval.

Name*	Designation	P.G. Code No.	Signature
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*Write major advisor/co-advisor in front of the person.

I have examined the above synopsis and recommend that it may be approved.

Signature

Name** & Designation

**Professor in the subject. If there is no professor in the subject in the university, Head of Department may sign for Master's programme only.

The synopsis is hereby approved/not approved/to be revised.

DEAN, PGS

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Format for submission of Thesis

1. Title cover-outer (covered with plastic)
2. Title cover-inner
3. Title page
4. Certificate - I (Comprehensive)
5. Certificate - II
6. Certificate - III
7. Certificate - IV (Correction Certificate)
8. Certificate - V (Copyright Transfer)
9. Acknowledgement
10. Contents
11. List of Tables
12. List of figures and graphs
13. List of appendices
14. Introduction
15. Review of Literature
(May be divided into suitable chapters depending upon the problems)
16. Materials and Methods
17. Results
18. Discussion
19. Summary & Conclusions
20. Literature cited
21. Abstract in English
22. Abstract in Hindi
23. Appendices

Note:

- (1) The size of the thesis should be A 4 (8 1/2" x 11")
- (2) In the University's bid to save paper, the Thesis should be typed in single space and on both the sides of the paper. However, for ease of reading, appropriate margins may be provided on binding side.
- (3) Photographs, tables, graphs etc. can also be placed on both the sides of paper.
- (4) Unnecessary blank pages/butter papers should be avoided.
- (5) Fonts can be of 10 points also, preferably Arial Narrow or Times New Roman.
- (6) Fonts of Certificates and Bibliography/references can be reduced to 8 points in order to accommodate more material in lesser pages.
- (7) Student shall have to submit copy of the thesis in 4 CDs for soft storage.
- (8) The page from Introduction to Literature cited be numbered in Arabic and appendices in Roman (bold face) numbers.
- (9) The bound thesis should have a cover of 200 gsm or more of Art Paper sheet only.
- (10) The faculty-wise colour-coding of the title cover be as follows :-
A. Veterinary & Animal Science - White.

Reference styles for Literature cited

The title **Literature cited** will be used at the end of the thesis. In general the APA style of reference citation with some modification will be used as explained below:

Text citation of references

In the text the reference with a single author shall be cited as surname of the author followed by year of publication such as (Meatle, 1990) or Meatle (1990).

When there are two authors the surname of the first author will be cited followed by 'and' followed by the second author surname followed by the year of publication for example: (Gaur and Purohit, 2004) or Gaur and Purohit (2004).

When there are more than 2 authors they would be cited as the surname of the first author followed by et al. which should be in italics (*et al.*) (For example: Ghuman *et al.*, 2010) or Ghuman *et al.* (2010)

The surname of the author that appears in the last of the name would be used for citing a reference such as Purohit *et al.*, 2009 and not Govind *et al.*, 2009. Only the surname would be used for citation such as Purohit *et al.*, 2009 and not Purohit GN *et al.*, 2009

When many references appear consecutively they would be cited in the increasing year of appearance separated by a semi-colon such as (Sreenan and Diskin., 1987; Meatle, 1990; Ghuman *et al.*, 2010) or Sreenan and Diskin, (1987); Meatle, (1990); Ghuman *et al.* (2010).

When there are more than 1 reference of the same authors in the same year then they will be allotted the sign as a, b, c and so on such as (Purohit, 2008a; Purohit, 2008b or Ghuman *et al.*, 2010a; Ghuman *et al.*, 2010b; Ghuman *et al.*, 2010c).

The text citation of Annual report/Manuals without authors (Instruction/ Company user manual) should be Anonymous with the year in bracket for example Anonymous (2013)

Manuals without ISSN number should not be cited.

Citation of references in the Reference List

The reference list should be arranged alphabetically by author's surname. (No Bold or italics font). For references of the same author with different years the increasing order of years should be used. There should be uniformity in citation of references. All references cited in the text should be included in the reference list and vice versa.

Use 'and' before the last author if there are 2 or more authors. The paragraph should be having a hanging indentation as shown below in the references shown. There should be one space between the references.

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Journals

Single author citation of an article published in a journal

The author name followed by year of publication in the bracket followed by title of publication and the journal name (Full names of the journal should be included no abbreviation is allowed) followed by the volume number, issue number and the page numbers. The punctuation and citation used should be as shown in the example below:

Purohit, G.N. (1999). Reproductive biotechniques in camelids: The current status and future prospective. *Journal of Camel Practice and Research*, 6 (1):1-13.

Two authors in a journal

Purohit, G.N. and Pareek, P.K. (2000). Research on dromedary reproduction. The past two decades and future prospective. *Veterinary Bulletin*, 70(12):1265-1274.

Multiple authors in a journal

Purohit, G.N., Meena, H., Solanki, K. and Kumar, V. (2012). Effects of vitrification on immature and in vitro matured, denuded and cumulus compact goat oocytes and their subsequent fertilization. *Journal of Reproduction and Infertility*, 13:53-59.

Single author, two authors or multiple authors with more than two references in the same year will be allotted the symbol (both in the text and the reference list) a, b, c etc. after the year

For example

Anwar, S. and Purohit, G.N. (2013a). Management of urinary bladder eversion and perineal laceration in a mare. *Theriogenology Insight*, 3(1): 31-36.

Anwar, S. and Purohit, G.N. (2013b). Occurrence and surgical repair of third degree perineal lacerations in adult female camels (*Camelus dromedarius*) by one stage (Goetz) technique. *Open Veterinary Journal*, 3(2): 69-73.

Citations of books by single author

Easton, B. (2008). Does poverty affect health? In K. Dew and Matheson, A. (Eds.), *Understanding health inequalities in Aotearoa New Zealand* (pp. 97-106). Dunedin, New Zealand: Otago University Press.

Citation of books by two or more authors

Rosenthal, R., Rosnow, R. L. and Rubin, D.B. (2000). Contrasts and effect sizes in behavioral research: A correlational approach. Cambridge, England: Cambridge University Press, pp 224-267.

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Citation of chapters in e-Book or print book

- Purohit, G.N. and Rao, T.K.S. (2018). Estrus detection in buffaloes. In: Bubaline Theriogenology Purohit GN (Ed). International Veterinary Information Service. www.ivis.org Retrieved 20 August 2020.
- Smith, M.C. and Sherman, D.M. (2009) Ocular system. In: Goat Medicine, Second edition, Wiley-Blackwell, USA, pp 257-271.

Webpage:

Raymon, H. and Mulford, L. (2008). The University of Toledo Health Science Campus. Instructions to authors in the health sciences. Retrieved June 17, 2008, from <http://mulford.mco.edu/instr/>.

Internet article based on a print source (exact duplicate) with DOI assigned:

Stultz, J. (2006). Integrating exposure therapy and analytic therapy in trauma treatment. American Journal of Orthopsychiatry, 76(4): 482-488. doi:10.1037/0002-9432.76.4.482.

Article in an Internet only journal with no DOI assigned:

Sillick, T. J. and Schutte, N. S. (2006). Emotional intelligence and self-esteem mediate between perceived early parental love and adult happiness. E-Journal of Applied Psychology, 2(2): 38-48. Retrieved from <http://ojs.lib.swin.edu.au/index.php/cjap/article/view/71/100>. 22 July 2020

Annual report/Manuals:

Pearson, P.L.C. (2005). Reading allowed: Annual review and summary financial statements 2004. Retrieved from http://www.pearson.com/investor/ar2004/pdfs/summary_report_2004.pdf.

Annual Report: ICAR-NRCE (2015-16) ICAR National Research Centre on Equines. NRCE Annual Report 2016.pdf - icar-krishi.krishi.icar.gov.in › jspui › bitstream › NRCE Annual Report. Retrieved 18 Aug 2020.

Annual Report (2001). Research Project (ICAR) on Network programme of embryo transfer technology. Rajasthan Agricultural University, Bikaner, Rajasthan, pp 9.

National Association of Social Workers. (2012). 2011–2012 Annual report. Washington, DC.

Audel Electrician's Pocket Manual (2003), 2nd ed. Wiley Pub., Indianapolis, IN, USA.

Electronic resources

American Psychological Association. (2008). Electronic resources. Retrieved June 17, 2008 from <http://www.apastyle.org/elecref.html>.

Post-Graduate Studies Regulations : 2021

Citation of thesis

Gupta, K.A. (1998). Efficiency of vaginal electrical resistance and plasma progesterone to predict stage of estrous cycle and ovulation and time insemination in buffaloes. M.V.Sc thesis Rajasthan Agriculture University, Bikaner, Rajasthan.

Personal communications

Emails, non-archived discussion groups, letters, memos, telephone conversations, and personal interviews are considered personal communications. This type of communication can be difficult to provide recoverable data; therefore, these types of communication should not be included in the thesis.

Secondary citations

A secondary citation is where you are citing information or quotes the author of your reference has taken from source that you have not read.

In-text citation:

Name the author of the original work in your text, cite the secondary source in “in-text citation”: (as cited in Coltheart et al., 1993) for example:

Seidenberg and McClelland’s study, conducted in 1990 (as cited in Coltheart et al., 1993), shows that the effect of hydroxytriazenes is measurable.

Reference list entry:

Give the secondary source in the reference list for example:

Coltheart, M., Curtis, B. Atkins, P. and Haller, M. (1993). Models of reading aloud: Dual-route and parallel-distributed-processing approaches. *Psychological Review*, 100: 589–608.

Post-Graduate Studies Regulations : 2021

Hint	Format of title Cover of Thesis
Title in English	Endoscopic and ultrasonographic evaluation of buffalo (Bubalus bubalis) genitalia
Title in Hindi	- भैंस (बुबलस बुबलिस) जननांग का एंडोस्कोपिक और अल्ट्रोसोनोग्राफिक मूल्यांकन
Full Name of student	Vikas Chaudhary
Full name of degree	<p style="text-align: center;">Thesis Master of Veterinary Science* (Animal Reproduction, Gynecology and Obstetrics)</p>
	Monogram of the University
	 <p style="text-align: center;">। पशुधनं नित्यं सर्वलोकोपकारकम् ।</p>
Year of Submission	2013
Name of Department	Veterinary Gynecology and Obstetrics
Name of College	College of Veterinary & Animal Science, Bikaner
Name of University	RAJASTHAN UNIVERSITY OF VETERINARY AND ANIMAL SCIENCE, BIKANER

* Doctor of Philosophy in case of Ph. D.

Post-Graduate Studies Regulations : 2021

Hint Format of title Page of Thesis

Title in English Endoscopic and ultrasonographic evaluation of buffalo (*Bubalus bubalis*) genitalia

Title in Hindi - भैंस (बुबलस बुबलिस) जननांग का एंडोस्कोपिक और अल्ट्रोसोनोग्राफिक मूल्यांकन

Thesis
Submitted to
the
Rajasthan University of Veterinary & Animal Sciences, Bikaner
in partial fulfillment of the requirement for
the degree of

Name of Degree in full Master of Veterinary Science*
(Animal Reproduction, Gynecology and Obstetrics)

Name of faculty/ Faculty of Veterinary & Animal Sciences

Discipline for Veterinary Gynecology and Obstetrics

Master's degree

By
Vikas Chaudhary
2013

* Doctor of Philosophy in case of Ph. D.

Post-Graduate Studies Regulations : 2021

Format of Certificate – I to be included in the Thesis

Rajasthan University of Veterinary & Animal Sciences, Bikaner

(Name of College)

CERTIFICATE – I

Date _____

This is to certify that _____ had successfully completed the comprehensive examination held on _____ as required under the regulation for Master's degree/Ph.D. degree.

(Signature & date)

Name of the Head of Deptt.
College & Campus

Note :- While typing include what is applicable only.

Post-Graduate Studies Regulations : 2021

Format of Certificate - II to be included in the Thesis

Rajasthan University of Veterinary & Animal Sciences, Bikaner

(Name of the College)

CERTIFICATE - II

Date _____

This is to certify that this thesis entitled _____

submitted for the degree of _____

in the subject of _____ embodies bonafide research work carried-out
by Mr./Miss/Mrs. _____ (First name) (Middle name) (Sur name) _____ under my guidance
and supervision and that no part of this thesis has been submitted for any other degree. The
assistance and help received during the course of investigation have been fully acknowledged.
The draft of the thesis was also approved by the advisory committee on _____.

(Head of the Department)

(Major Advisor)

Name & Signature

Name & Signature

(Dean of the College)

Name & Signature

Post-Graduate Studies Regulations : 2021

Format of Certificate - III to be included in the Thesis

Rajasthan University of Veterinary & Animal Sciences, Bikaner
(Name of the College)

CERTIFICATE - III

Date _____

This is to certify that the thesis entitled _____ submitted by Mr./Miss/Mrs. _____ to Rajasthan University of Veterinary & Animal Sciences, Bikaner, in partial fulfillment the requirements for the degree of _____ in the subject of _____, after recommendation by the external examiner, was defended by the candidate before the following members of the examination committee. The performance of the candidate in the oral examination on his thesis has been found satisfactory, we therefore, recommend that the thesis be approved.

Major Advisor
(Name and Signature)

Co-Advisor
(Name and Signature)

Advisor
(Name and Signature)

Advisor
(Name and Signature)

Advisor
(Name and Signature)

Advisor
(Name and Signature)

Dean PGS Nominee
(Name and Signature)

Head of the Department
(Name and Signature)

DEAN
POST GRADUATE STUDIES
RAJUVAS, Bikaner

Note :- Full name of the Advisors, Major Advisors, Head of Department and Dean must be printed.

Post-Graduate Studies Regulations : 2021

Format of Correction Certificate to be included in the Thesis

Rajasthan University of Veterinary & Animal Sciences, Bikaner

Name of the College

CERTIFICATE - IV

Date _____

This is to certify that Mr./Miss/Mrs. _____ of
the Department of _____ College of _____
has made all corrections/modifications in the thesis entitled _____
_____ which were suggested by the external examiner and the advisory committee
in the oral examination held on _____. The final copies of the theses duly bound and
corrected were submitted on _____, are forwarded herewith for approval.

Major Advisor
(Name & Signature)

Head of Department
(Name & Signature)

Dean of the college
(Name and signature with date)

Approved

Dean, PGS
(Name and signature with date)

Enclosed one original and two copies bound of the thesis. Forwarded to the Dean, Post Graduate Studies, Rajasthan University of Veterinary & Animal Sciences, Bikaner, through the Dean.

Post-Graduate Studies Regulations : 2021

Format of Copyright Transfer Certificate to be included in the Thesis

Rajasthan University of Veterinary & Animal Sciences, Bikaner

Name of the College

Certificate -V

This is to certify that the thesis entitled _____ is an original work carried out by me _____ under the guidance of _____ at the _____, Rajasthan University of Veterinary and Animal Sciences, Bikaner, Rajasthan. I hereby transfer the copyright of the thesis to the University.

Signature of the candidate

Post-Graduate Studies Regulations : 2021

Format of Certificate for Submission of Thesis Viva-voce Report

Rajasthan University of Veterinary and Animal Sciences, Bikaner

Date _____

This is to certify that the thesis entitled _____ submitted

by _____ Mr./Miss/Mrs. _____ to the Rajasthan University of Veterinary and Animal Sciences, Bikaner, in partial fulfillment of the requirements for the degree of _____ in the subject of _____ was examined by the external examiner(s).

The candidate was examined orally on his thesis and after examination it was recommended by the external examiner and the following committee with following recommendations

- (i) The performance of the candidate has been found satisfactory. We recommend the acceptance of the thesis for the award of degree.
- (ii) The performance of the candidate has been found unsatisfactory. The candidate be asked to re-appear in the oral examination.

Major Advisor
(Name & Signature)

Dean PG Studies/Dean
(Name & Signature)

Co-Advisor
(Name & Signature)

Advisor
(Name & Signature)

Advisor
(Name & Signature)

Advisor
(Name & Signature)

Advisor
(Name & Signature)

External Examiner
(Name & Signature)

Forwarded by the Head, Department of _____ to :-

1. Registrar, Rajasthan University of Veterinary and Animal Sciences, Bikaner.
2. Dean, Post Graduate Studies, Rajasthan University of Veterinary & Animal Sciences, Bikaner.
3. Dean/ Assistant Registrar, _____ (Name of College)

Head of Department
(Name & Signature)

* Do not include or strike-out which is not applicable.

** Please note that full name of Major Advisor, Co-Advisor, Advisors, and Dean must be printed.

Post-Graduate Studies Regulations : 2021

POST GRADUATE SCHEDULE

(A) MASTER PROGRAMME

Semester	From Date of Registration	Activities
First	a) As scheduled	Fresh admission and registration
	a) 15 days	Appointment and approval of Major Advisor.
	b) First month	Formation of Advisory Committee and its approval from Dean, PGS.
	c) Second month	Meeting of Advisory Committee to chalk-out course programme.
	d) Third month	Course programme approval from Dean, PGS in form No. PG-11.
Second	As scheduled	Registration in second semester as per the course programme approved by Dean, PGS.
Third	First month	Allotment of research problem.
	Second month	Seminar on synopsis.
	Third month	Submission of synopsis of the research problem for approval of Dean, PGS.
	Last month	Request for comprehensive examination.
	Any month	One Credit seminar
Fourth	First month	a) Beginning of the research b) Comprehensive examination.
	Last month	Thesis submission.
After fourth		Thesis submission (As per rules)

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(B) Ph.D. PROGRAMME

Semester	From Date of Registration	Activities
First	First month	Appointment of Advisor and Advisory Committee. b) Approval of Advisory Committee by Dean, PGS.
	Second month	Meeting of Advisory Committee to Chalk-out the course programme.
	Third month	Course programme approval by Dean PGS in the form No.PG-11.
Second	First month	Allotment of research problem.
	Second month	Seminar to finalize synopsis of the research work for approval of Dean, PGS.
	Any month	Two Credit seminars
Third	First month	a) Beginning of research work. b) Request for comprehensive examination.
	Second month and Third month	Written and oral comprehensive examination.
Fourth		Research
Fifth		Research
Sixth		Thesis Submission
After Sixth		Thesis Submission (As per rules)

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Standard format for writing Masters and Ph.D thesis .

Font type	Arial narrow or Times New Roman
Font Size	12 (Can be reduced to 08 in long tables or certificates)
Heading Font	14 (Can be 12) Bold
Sub-Heading font	13 (Can be 11) Bold
Line spacing	One and a half (Can be one)
Spacing left	2
Spacing Right	1
Spacing Bottom	1
Spacing Top	1.5
Page numbering format	From Introduction page to Literature Cited
Photographs	Not to be page numbered
Tables numbering	Table numbers will be given sequentially as they appear in the text of the Section of thesis
Dedication	Not allowed There will be no such page in the thesis
Acknowledgement (Font size 10 or 8)	Should not exceed more than one page and it should contain proper acknowledgement to all official sources
Introduction	An introduction should address the importance of the study, the research previously carried out on the topic and how the study to be undertaken enhances knowledge and what were the objectives of the study. Unnecessary population data having no relevance to the study should not be included.
Review of literature	This section should be classified into subtopics. The references should be cited chronologically in the year of their appearance. Kindly also refer Appendix VI
Materials and Methods	This should explain the details of the materials and methods used with pertinent citations. The procedures should be explained in such a way that they can be replicated by any one.

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Results Discussion	The results should be presented in accordance with the objectives of the study and divided into appropriate subsections. Data in tables should not be replicated in text and vice versa. Exceptionally long tables with little meaning should be avoided. The discussion should analyze the results and compare them with previous studies critically. The Results and Discussion sections can either be combined or may be separate.
Summary and Conclusions	In this section the authors should briefly mention the summary of their work and the conclusions
Literature Cited	Only the literature cited in the text should be included in this section. Refer Appendix VI
Annexure	Annexures should be numbered with Roman numerals
Abstract	Font size 12 or 10 single space The abstract section should briefly explain the objectives of the study, the methodology used and the salient results or findings obtained with a conclusion in the end.

Thesis Submission Checklist

1. Name of Student :
2. Date of Admission :
3. Registration No. :
4. Enrolment No. :
5. Date of approval of Advisory committee :
6. Date of approval of Green form / Course programme :
7. Date of synopsis seminar :
8. Date of approval of synopsis :
9. Date of successful completion of comprehensive exam :
10. Date of start of thesis work :
11. Whether permitted withdrawal under PG Rule 7.7/17.5 :
(If yes attach photocopy of the order)
12. Whether completed the residential requirement, : Yes
4 semesters for PG and 5 semesters for Ph.D.
13. Whether provided extension beyond permissible limit, : No
10 semesters for PG and 12 semesters for Ph.D.
(If Yes, attach copy)
14. Date of submission of thesis : 09.01.2020
15. Thesis is as per formate (Yes/No) : Yes
16. Whether Hindi translation of abstract (Yes/No) : Yes

Major Advisor

Forsarded and verified above information

Professor & Head

Certified that the submission is as per PG rules and forwarded to the Dean, PGS

DEAN

For use in Dean PGS office

Checked by.....

Verified by.....

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। पशुधनं नित्यं सर्वलोकोपकारकम् ।