

# POST GRADUATE STUDIES REGULATIONS-2016



उत्तमा वृत्तिस्तु कृषिकर्मैव

**Swami Keshwanand  
Rajasthan Agricultural University  
Bikaner- 334 006**



# SWAMI KESHWANAND RAJASTHAN AGRICULTURAL UNIVERSITY, BIKANER

## RULES AND REGULATIONS FOR POST GRADUATE STUDIES

### 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 includes 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 "Credit Hour" also written as "credits" in short form imply that each credit hour will represent one hour of lecture and one hour of tutorial/assignments, etc. or two to three hours of laboratory/field practicals/clinics each week spread over 17 weeks in a semester.
- 1.5 "Grade Point" is the numerical number given to a grade, which is used to evaluate the student's performance in a course.
- 1.6 "Credit Point" is the product of credit hours and grade point obtained by the student in a course.
- 1.7 "SGPA" (Semester Grade Point Average) is the grade point average of all the courses taken by the student in any semester.
- 1.8 "OGPA" (Over-all Grade Point Average) is the grade point average obtained by a student in the courses taken in all the semesters completed by him/her. It can be computed as :-
- $$\text{OGPA} = \frac{\text{Sum of the products of grade point earned and credit hours of courses taken}}{\text{Sum of the credit hours of courses taken}}$$
- 1.9 "Prescribed" means prescribed by the Academic Council.

### 2. MAJOR FIELDS OF STUDY

The following shall be the Degrees and Major Fields of Studies there-in to be awarded in each faculty :-

## 2.1 Faculty of Agriculture :

### 2.1.1 Major fields of study for M.Sc.(Ag.) Degree:

- Agronomy
- Agricultural Economics
- Horticulture
- Plant Breeding & Genetics
- Entomology
- Bio-technology
- Plant Pathology
- Soil Science
- Extension Education

M.Sc. programme in Bio-technology is also available.

### 2.1.2 Major fields of Study for Ph.D. degree by course work:

- Agronomy
- Soil Science
- Horticulture
- Extension Education
- Plant Breeding & Genetics
- Agricultural Economics
- Entomology
- Plant Pathology

## 2.2 Faculty of Home Science :

### 2.2.1 Major fields of study for M.Sc. (Home Sc.) degree

- Food & Nutrition
- Human Development & Family Studies X
- ~~Home Science Extension and Communication Management / Ext Edu & Comm Mgt~~

### 2.2.2. Major fields of study for Ph.D. degree by course work

- ~~Home Science Extension and Communication Management / Ext Edu & Comm Mgt.~~
- Food & Nutrition

## 2.3 Faculty of Agri Business Management

- MBA degree in Agri Business



Ph.D. (Agri Business) degree by course work.

Note: Provided that the Vice-Chancellor after consulting the concerned University Bodies may order the opening of new M.Sc., M.Phil., Ph.D., Post Graduate Diploma, etc. courses as and when required.

### **3. QUALIFICATION FOR ADMISSION AND GENERAL RULES**

- 3.1 For Master's programme a candidate must possess a Bachelor's degree in the concerned faculty from SKRAU, Bikaner or a degree declared equivalent thereto from a recognized University or Institute with a minimum percentage of marks prescribed alongwith other provisions. The admission shall be made on the basis of merit secured in Pre-P.G. test conducted or recognized by the University. For MBA(AB), admission shall be made on the basis of marks obtained in All India level Entrance Test recognized by the Institute followed by Group Discussion and Personal Interview conducted by the Institute.
- 3.2 For Ph.D. by course work programme, a candidate must possess a Master's degree in the concerned subject and faculty from SKRAU, Bikaner or a degree declared equivalent thereto from a recognized University or institute with minimum percentage of marks prescribed and other provisions.
- 3.3 Admissions shall normally be open in the first semester of the academic year for Master's degree, and in second semester for Ph.D. degree. Admissions be open in the first semester of the academic year for Ph.D. in Agri Business.
- 3.4 No student shall be entitled to join more than one programme of studies concurrently anywhere.
- 3.5 Admission to any study programme of the University can not be claimed by a candidate as a matter of right.
- 3.6 Admission Committee may refuse admission to any candidate without assigning any reason whatsoever. However, in case any person receiving qualifying marks in pre-entry examination is refused admission by the Admission Committee, it would only be after the candidate has been given a hearing by the Admission Committee. Decision of the Committee shall be final.



- 3.7.1 An applicant suppressing any information or giving wrong information or facts or forging his signature or of his parents or attaching false certificates shall forfeit admission in addition to any other punishment that may be awarded to him/her.
- 3.7.2 Candidates who apply under a reserved quota shall be considered as per state government rules amended from time to time.
- 3.9 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 convicted for a criminal offence or has been released on bail in connection with a criminal offence and against whom a case is pending in a court of law.
  - C. A candidate who has indulged in a misbehavior with his Teacher/Staff or with any Authority of the University.
- 3.10 Foreign students are normally admitted under the category of ICAR nominee. No self-financing foreign student shall be given admission unless his case is supported either by the Government of India/International Organizations/respective governments and approved by the Government of India or Indian Council of Cultural Relations or ICAR. However, in case of MBA (AB), there are five seats reserved for industry/NRI sponsored candidates who are not required to take the written test but have to appear for Group Discussion and Personal Interview on specified dates. In case NRI/Industry sponsored candidate are not available, these seats may be treated as payment seats under the MBA(AB) programme with the condition that a candidate should be selected from all India level Entrance Test recognized by the institute followed by Group Discussion and Personal Interview conducted by the Institute.
- 3.11 Foreign students sponsored/nominated through ICAR shall be required to pay institutional fee of U.S. Dollar 200 per month or U.S. Dollar 2000 per year per candidate in addition to the normal fees charged by the College/University from Indian students. In case of IABM, NRI/Industry sponsored candidates have to pay fee as prescribed by the Institute.



#### 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 from Academic Council through Dean, Post Graduate Studies, who shall grant provisional permission until the approval of the Academic Council. However, in IABM, teaching load is shared by part time faculty and guest faculty permitted by Hon'ble Vice-Chancellor thus, accreditation is not required. Teachers are required to send their application for accreditation for Master/Ph.D. teaching and/or guiding programmes to the Dean, PGS through University Head of concerned Department and controlling Deans/Directors.

4.2. Following shall be the norms of according accreditation to teachers :-

4.2.1 For teaching master's degree courses, a teacher shall possess either a Ph.D. degree or a M.Phil. degree or a Master's degree with first division or equivalent OGPA in the concerned subject of the faculty. Teachers with 2<sup>nd</sup> division or equivalent grade in Master's degree should further have an experience of 3 years of teaching of under graduate classes or 5 years of research/extension experience, before they are permitted to teach Master's degree courses.

4.2.2 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 5 years experience of teaching/research/extension. The requirement of 5 years experience shall be relaxed for Ph.D. or for master's degree holders with first division only in exceptional cases, provided it shall not be relaxed by more than 2 years.

4.2.3A teacher shall qualify for teaching advanced courses of Ph.D. or M.Phil. degree, if he/she possesses a Ph.D. degree with at least a 2<sup>nd</sup> class in Master's and having teaching experience of 3 years of post graduate courses or 5 years experience of research/extension.

**Note:-** In exceptional cases Dean, P.G. Studies can relax requirement of 3 years of P.G. teaching experience on the recommendation of Head of Department and Dean of the College, where a programme is threatened to be stopped. The authorization in such cases shall be purely provisional and confined to a particular semester.



4.2.4 A teacher shall be eligible to guide thesis of Ph.D. or M.Phil. degree student, if he has qualified for teaching Ph.D./M.Phil. degree courses and in addition has a total of not less than 5 year's 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. Co-Advisor may also be recognized from outside the University system provided he fulfills the requirement. Such Co-Advisor would be compulsory if student undertakes post graduate programme in which SKRAU and some other SAU or institute collaborate.

N.B. For Co-advisors otherwise well qualified, the requirement of 3 years' post graduate teaching experience could be waived by Dean, PGS.

## 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. An Advisory Committee allotted to each student should be approved by Dean, PGS.

5.1.1 A teacher appointed for teaching would be major advisor of not more than 3 Ph.D. or 6 M.Sc. students programme at any time. Where both M.Sc. and Ph.D. students are registered, the proportion would be 2 Ph.D. + 2 M.Sc. degree students. The teacher posted at a campus but mainly working in research/extension education would be major advisor for half of the number of students, maximum normally being 1 Ph.D. + 1 M.Sc. student or three M.Sc. students. In exceptional circumstances, the Dean, P.G. Studies may extend this limit to two Ph.D. students.

5.1.2 In case allotted PG/Ph.D. students withdraw from the college without doing any research work, the research work load in respect of such students will not be counted for determination of total work load of teachers as Major Advisor.

5.2 There shall be an Advisory Committee for each P.G. student constituted by the Dean, P.G. Studies (after making such

changes as he deems necessary) on the recommendation of the major advisor in consultation with the Head of Department.

5.3 The Advisory Committee shall consist of 4 accredited teachers from the P.G. faculty which shall consist normally of the Major Advisor and one Advisor from major area, an advisor from supporting areas each and a nominee of Dean, P.G. Studies (from the same or related faculty/fields where Dean, PGS feels it necessary) in master's programme. The Advisory Committee of the candidate for Ph.D. degree will consist of one additional member from the related field. Major Advisor will be the Chairman of the Committee. The Permission may be given to the available locally scientists/teachers from outside institutes to be nominated major advisors for PG students of SKRAU, Bikaner. The Scientists/teachers must be accredited by this university.

5.4 Co-Advisor may be nominated if student undertakes post graduate programme in which SKRAU and some other SAU or institute collaborate.

5.5 Major Advisor shall convene the meeting of the Advisory Committee at least once in each semester to assess the progress of the student and shall maintain a record of it. It should advise the student in such a manner as it deems fit and ensure that the student can complete the work in the stipulated time.

5.6 The Advisory Committee will function until the student graduates from that particular programme or is dropped from the rolls of University or College.

5.7 The Dean, P.G. Studies can replace a member of 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.



5.7.1 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 without any financial liability to the University.

## **5.8 Functions of Advisory Committee :**

5.8.1 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.

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

5.8.3 It shall monitor the progress of the student during the programme and advise him/her for maintaining his/her academic standing by suggesting courses to be taken and to plan his/her schedule. For this a meeting of the Advisory Committee shall be scheduled by Major Advisor once in each semester and proper record of proceedings be kept.

5.8.4 It shall examine the student for comprehensive or preliminary examination.

5.8.5 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 seminar.

5.8.6 It shall examine the student in a viva-voce examination on the thesis after due recommendation of the external examiner(s). However, in case of IABM, Comprehensive Examination will be conducted by a Committee proposed by the Director and approved by Dean, PGS.

5.8.7 No change in the programme of studies 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. ADMISSION TO A DEGREE

6.1 A student admitted to a post graduate programme shall have to successfully complete the following before admission to a degree:

- a) An approved programme of study prepared by his/her Advisory Committee.
- b) A comprehensive or preliminary examination.
- c) Submission of thesis and its evaluation. For IABM students, submission of Project Report.
- d) Thesis viva-voce examination in the presence of Advisory Committee.
- 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 and optional subjects	30 credit hours
Seminar	01 " "
Supporting subjects	12 " "
Comprehensive	02 " "
Research	15 " "

\*At IABM, a student shall be required to complete a minimum of 69-79 + 3 75 credit hours for the degree of MBA (AB):

Courses related with General Management & Agri Business Management	46 credit hours	- 39
Seminar	01 credit hours	01
Courses related to field of specialization	10-20 credit hours	10-20
Non credit courses	03 credit hours	03
Comprehensive	02 credit hours	- 02
Summer Project	03 credit hours	5/05
Project Work	10 credit hours	10
<b>Total</b>	<b>75-85 credit hours</b>	<b>7</b>

Basic support

69-79 + 3

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54 to AC  
27/08/2022



The minimum credit hours for M.Phil. or Diploma courses would be prescribed separately for each programme.

6.3 A Ph.D. student will take at least 9 credit hours of 600 series courses in the major field (i.e. courses for Ph.D. degree level only). Rest of the courses for Ph.D. degree level discipline or supporting discipline(s) based on the requirements of research. Thus :

1. Major and optional subjects 9-12 cr. hrs.
2. Supporting subjects 9 cr. hrs.
3. Related subjects 3 to 6 cr. hrs
4. Seminar 2 cr. hrs.
5. Preliminary 4 cr. hrs.
6. Research 40 cr. hrs.

A Ph.D. Agri Business shall be required to complete a minimum 64 credit hours of 600 series for the degree of Ph.D. (AB).

1. Compulsory Courses 18 credit hours — 22
2. Seminar 02 credit hours — 2
3. Preliminary 04 credit hours — 4
4. Research 40 credit hours — 40
5. Related courses - → 6-9

6.4 A student for Master's programme and Ph.D. programme shall be required to complete a minimum period of 4 semesters and 5 semesters in residence, respectively. This requirement for residence shall be 5 (for master's) and 6 semesters (for Ph.D.) for part time in-service students of SKRAU. A student whose programme of study includes non-credit/deficiency courses may be required to be in residence for one or more semesters extra. For PG diploma residence requirement would be at least 2 semesters. However, this shall not debar the university from developing residential instructions in varying proportions for the future P.G. courses.

6.4.1. A relaxation may be given for one semester in minimum residential requirement only for Ph.D. inservice candidates of Central/State Govt./SAU when writing of thesis is left only.

6.5 A student shall have to complete all the requirements including submission of thesis within 8 and 12 semesters for Master's, MBA(AB) and Ph.D. programmes respectively, which will also

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54<sup>th</sup> AIC  
27.06.2020

Rule cancelled

include period of scholastic probation or temporary withdrawal from the semesters, failing which his admission shall stand cancelled.

6.5.1 →

*add  
freedom penalty structure -*

6.6 A student shall be required to secure 5.00 for passing a course and a minimum OGPA of 6.00 for the degree.

## 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 student in good academic standing, unless granted a formal temporary withdrawal by the Dean/Director of College/Institute, shall be required to register with the College of his admission in each semester until the completion of all requirements for the degree for which he is working.

7.3 A full time regular 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, which is 30 and 15, respectively for IABM. However, in the last semester of his course work he may be permitted to register upto 18 credit hours to complete the programme of study.

7.4 A part time student in the service of the University 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 will however, be required to carry-out his job for half the period.

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 Ph.D. student shall be permitted to join (add) courses within 2 weeks or withdraw from courses within 10 weeks of commencement of the semester in such a way that the limits of maximum/minimum credit hours in that semester has 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.

## **7.7 Temporary withdrawal from the programme :**

- 7.7.1 A student with good academic standing shall be permitted by the Dean/Director of the College/Institute to withdraw from a programme for a specific period not exceeding two semesters on the recommendation of the Major Advisor and Head of the Department, provided he/she makes a written request on the genuine reasons including jobs. In case of joining jobs, students should attach job offer letter alongwith application for withdrawal. Further he/she has to bring permission letter from the concerned employer while registration after availing withdrawal period. It is understood that the current semester shall be included towards counting the two semester withdrawal period. No withdrawal shall be permitted in first semester.
- 7.7.2 Maximum Temporary withdrawal may be given two times in a course programme.
- 7.7.3 If a student wants to join job, he/she shall be permitted to join with the condition either to get the study leave from the employer within 15 days of the permission of the concerned Dean/Director or he/she should apply for withdrawal failing which his/her registration will be cancelled automatically.
- 7.7.4 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 the College may further grant an extension or the leave of absence in one more semester to him/her on the grounds of some compelling situation to be specified.
- 7.7.5 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.

7.7.5.1 No student should leave the college/university without obtaining formal permission from the Dean of the college.

7.7.6 Students who are granted formal permission of temporary withdrawal may be exempted from all fees during the period of their withdrawal provided if he withdraws in the middle of a semester, the semester fee will not be refunded.

## 8. AWARD OF GRADES

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

F-	Fail	NC-	Non-credit courses
W-	Withdrawn	DE-	Detained
R-	Repeated	UM-	Un-fairmeans

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 "OGPA".

8.3 Grade "W" shall be awarded to a student in a course from which he/she drops from his/her schedule within the time stipulated, i.e. 10 weeks from the commencement of semester. Credit hours for this course will not be included for computing OGPA.

8.4 Grade "UM" shall be awarded to a student who has used un-fair 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 zero in examination/tests in which he/she fails to appear for any reasons whatsoever. 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 5.00 point in a course for its successful completion.
- 9.2 A student shall be required to attain a minimum OGPA of 6.00 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" in a course shall be permitted to appear in the theory examination only along with the final semester examination of the subsequent semester in which the course is offered. This permission shall be granted for two courses only at a time provided a written request is made within 10 weeks of date of registration in the semester.
- 9.5 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 shall drop the new courses.
- 9.6 A student shall be permitted to repeat courses with 5.00 point and above but below 6.00 only once, to enable him to achieve the minimum SGPA of 6.00, whenever next offered. The grade of repeated course shall replace the original one with "R" associated with it. While in case of IABM, the student will be permitted for improvement in maximum four courses in which grade point is 5.00 and above but less than 6.00, only once whenever next offered in a semester.
- 9.7 A student with an OGPA of less than 5.00 at the end of any semester shall be removed from the college and no petition shall be entertained.
- 9.8 A student with an OGPA of less than 6.00 or grades "F", "DE" "UM" in any course at the end of a semester shall be placed on scholastic probation in the subsequent semester.
- 9.9 A student on scholastic probation ending up again with an OGPA of less than 6.00 or with grades "F", "DE", "UM" in any course shall either be placed on scholastic probation in the subsequent semester or dropped from the college at the discretion of the Dean/Director of the College/Institute.

- 9.10 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 (within 15 days of the commencement of the semester for IABM). 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.
- 9.11 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 (Rs.100 / day for IABM).

## 10. ATTENDANCE

- 10.1 A student shall be permitted to appear in the final semester examinations after a minimum attendance of 75% in each course from the date of registration in that semester.
- 10.2 Enmasse absence shall be treated as absence 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 to the student deputed to represent college and university in co/extra-curricular activities at the college/district/state/national level.
- 10.5 If a student abstains continuously for seven working days in a semester, his/ her registration in the semester will be cancelled and parents/guardians informed accordingly at his/her permanent address. Such a student will be provided an option for re-registration in the semester within seven days of the cancellation of the registration by paying a fee of Rs.500. If the student fails to avail this option, he/she may seek re-registration within two weeks of the cancellation by paying a fee of Rs.1000. However, fulfillment of attendance requirement will be his/her responsibility.



- 10.6 A student shall not be allowed to appear in first and second Mid Term Tests if his/her attendance in a particular course falls short of 50 and 65 per cent, respectively.

## 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. Courses with only practicals shall be examined in practicals in the tests.

11.1.1 Mid term 1<sup>st</sup> test shall be held after completion of 15 classes or 1/3<sup>rd</sup> of scheduled lectures/practicals in a semester prescribed and 33% of the syllabus of the course and mid term 2<sup>nd</sup> test shall be held after completion of 30 classes or 2/3<sup>rd</sup> of scheduled lectures/ practicals prescribed in the semester and 66% of the syllabus of the course.

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

11.2 There shall be a final semester examination at the end of a semester consisting of written theory examination of 2 hours' duration and practical examination of 3 hours duration or more.

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

11.3.1 Mode of Examination / Assignment :

Credit Hrs. (Th. + P)	Quiz I&II (5+5)	Mid Term	Assignment /Presentation	Final Theory	Final Practical
1/2/3 + 0	10	20	10	60	0
1/2/3 + 1	10	20	10	40	20
1 + 2	10	20	10	30	30
0 + 3/2/1	10	20	10	0	60

11.3.2. Sequence of Examination :

Quiz I	Midterm I	Quiz II	Midterm II	Assignment	Final Th./Practical

- (i) There will be two mid-term examination of 20 marks each, out of which the best of two will be considered.
- (ii) The date of quizzes will be announced by concerned teacher.
- (iii) The Assignment will be submitted / presented atleast one week before final examination. In case of IABM, behavioral evaluation of student will carry weightage of 05 marks out of 10 marks of assignments

11.3.3. The format of Consolidated Grade Report will be as follows:

SWAMI KESHWANAND RAJASTHAN AGRICULTURAL UNIVESTIY :  
BIKANER

Name of College :

TRIPPLICATE

**FORM "B"**

(Consolidated Grade Report)

Seal of The College

Academic Year:

Course No. :

Name of Teacher(s):

Course Title :

Credit Hours:

Semester:

S. No./ Roll No.	Name of Student	Mid Term			Quiz		Assignment (10)	Final Examination			GP A*
		I (20)	II (20)	Best of Two (20)	I (05)	II (05)		Theory	Practical	Total (100)	

\* Grade Point Average (GPA) = Total Marks obtained ÷ 10

\_\_\_\_\_  
SIGNATURE OF THE  
HEAD OF DEPARTMENT  
TEACHER(S)

\_\_\_\_\_  
SIGNATURE OF THE  
COURSE

11.4 Final semester theory examination shall be of 2 hours duration and shall be conducted by the university, while in IABM, theory and practical exam will be conducted by the Institute.

11.4.1 The paper will be set confidentially by concerned teacher before 1-2 week of the commencement of the semester



final exam. and deposited with the Chairman/Chairperson/Director of the concerned faculty.

11.4.2 The evaluation of answer book shall be done internally by the concerned teachers and grades awarded by them.

11.5 Mid term tests and practical examination shall be conducted by the Office of the Dean of the College on scheduled dates as announced in the academic calendar, while in case of IABM, practical examination will be conducted by the teacher concerned.

#### **11.6 General Rules :**

11.6.1 No tests/examinations shall be postponed on the grounds of failure of electric supply.

11.6.2 No special test/examination shall be held for students who miss it on grounds like being in police custody or attendance in a court.

11.6.3 Separate rules are prescribed for cases of unfair means and indiscipline in the test/examination.

11.6.4 The coordination committee of the Vice-Chancellors has decided that the decision to re-conduct the examination in the papers in which students have staged walk out or boycott shall vest in the Chancellor. The students, therefore, need not approach the university authority in this regard.

### **12. SEMINARS**

A student in Master's and Ph.D. programme shall be required to satisfactorily deliver one seminar against one credit hour of seminar. Seminars should be delivered before comprehensive and preliminary examinations for M.Sc. and Ph.D. programmes, respectively.

### **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 Departmental Committee and submitted to the Dean, P.G.

Studies with the signatures of all members. Specialization and experience of each examiner shall be indicated before his name. Such panel should contain at least 15 names per subject/discipline.

- 13.2 The Vice-Chancellor shall appoint an examiner for comprehensive/preliminary or thesis evaluation out of 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 80 per cent of course work prescribed.
- 14.2 The oral comprehensive examination, in which a student shall be graded, shall be conducted by the student's Advisory Committee and an external examiner under the over-all control of the Head of Department, while in case of IABM the student will be evaluated by a committee of staff members of SKRAU approved by Dean, PGS and teaching staff of the Institute under the over-all control of the Director.
- 14.3 A student shall be required to secure a minimum grade **6.0** to pass it. If he gets a grade "F" he shall reappear in the comprehensive examination whenever scheduled in the next semester but not earlier than 3 months of first examination.
- 14.4 An oral comprehensive examination delayed by 4 months after the conclusion of 4<sup>th</sup> semester due to non-availability of the external examiner, may be conducted if permitted by the Vice-Chancellor by the Advisory Committee with the help of an internal expert on the recommendation of the Dean, P.G. Studies.
- 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 / project report.

#### **15. PRELIMINARY EXAMINATION FOR Ph.D. DEGREE**



- 15.1 A student on good academic standing shall be allowed to appear in a preliminary examination whenever next scheduled after successful completion of all the course work prescribed including the seminars. The Major Advisor as Chairman of Advisory Committee shall conduct the examination with the help of Advisory Committee under the overall control of the Head of Department.
- 15.2 The preliminary 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 and 3 hour's duration. First paper shall include questions from the major subject of study and the second paper shall have questions from the minor and related subjects, the distribution of which shall be decided by the Advisory Committee. However, in case of Ph.D.(AB) written examination shall have only one paper of 200 marks of 3 hours duration. A student shall be required to obtain at least 6.00 point OGPA in each paper to be eligible to appear in oral examination.
- 15.3 A student shall appear in oral preliminary 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 6.00 point and above.
- 15.4 A student shall be awarded final grade on the basis of his performance in written and oral examination, both parts being given equal weightage and the grades reported to the Office of the Dean, within 15 days.
- 15.5 A student shall be required to get a minimum 6.00 point in the preliminary examination to pass it, which shall be counted towards computation of final OGPA. If a student fails (grade "F") in the preliminary examination, he shall have to reappear in both written and oral examination whenever scheduled next, between 4 to 6 months of the first examination. If he fails again, he shall not be allowed to continue and qualify for Ph.D. degree.
- 15.6 If a student's performance in oral preliminary examination was unsatisfactory, he shall be required to reappear in oral

examination whenever scheduled next but not earlier than 3 months of previous examination.

- 15.7 No student shall be permitted to submit thesis unless, he achieves satisfactory performance in preliminary examinations.

## 16. SYNOPSIS OF PROPOSED RESEARCH WORK

- 16.1 A student shall 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 and justification for taking up the thesis subject, a survey of existing literature on the subject and a list of references.
- 16.4 The synopsis shall be got examined and shall have to be recommended by the University Professor in the subject in SKRAU before final approval by the Dean, P.G. Studies (after making changes, if needed). In the absence of a University Professor being available in SKRAU, 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, the synopsis of master's degree research shall be recommended by the Head of Department of the rank of Associate Professor and above. The Ph.D. synopsis before presentation should be sent to the Director Research and Director, Extension Education for their comments/suggestions.



- 16.5 Once the synopsis has been approved, major changes in the title and / or in the detailed outline shall not be allowed without prior permission of the Dean, P.G. Studies. If the major changes are permitted, the student shall submit thesis only after 4 months of approval of the changes. Whereas in case of 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 SKRAU 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 starts writing the thesis.
- 17.2 A student shall submit 3 copies of paper bound thesis for master's degree and 3 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. Student shall also submit the thesis of M.Sc./Ph.D. alongwith CD format.
- 17.2.1 All the Ph.D. students shall write one quality research publication before submission of their thesis and copies of the paper with the evidence of its submission to a referred Journal shall be submitted to the Dean, PGS along with the thesis. In the absence of the paper the thesis will not be accepted for future process.

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.

17.4 A student shall be permitted to write his thesis either in English or in Hindi. A thesis written in English should also carry its title and abstract in Hindi and vice-versa. However, for student wanting to submit thesis in Hindi, his Major Advisor would have to be satisfied that the particular thesis topic is such that thesis can be written in Hindi and that sufficient literature and Hindi technical words exist regarding the particular topic.

17.5 A student who has successfully completed all requirements except submission of thesis may be permitted by the Dean, PGS to withdraw from the college to resume duties or to accept an employment. He/She shall, however, have to submit the thesis within the maximum permissible period prescribed without re-appearing in the Comprehensive/Preliminary examination in M.Sc. & Ph.D. degree. He shall be required to register in the semester in which thesis has to be submitted with the requisite fees.

17.5.1 A Ph.D. scholar who has completed all the requirement of courses including comprehensive / preliminary examinations except the research and thesis submission can also be permitted to join as SRF etc. which do not hamper his research project for Ph.D. degree and the student should register at the concerned college to meet the residential requirement. The concerned Incharge of the project/his nominee will be included as Co- Advisor in the Advisory Committee. He/she will also be given due weightage in the research paper publications.

17.6 A student after completion of all requirements except submission of thesis may continue to be the student in subsequent semesters for submission of thesis for which he has to register himself in each semester. Registration fee for such students will be **Rs.1000.00**

## 18. EVALUATION OF MASTER'S THESIS / PROJECT REPORT



✓ 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.

18.2 The student shall be orally examined by his Advisory Committee on his thesis after receipt of a satisfactory report and recommendation of the external examiner. The viva-voce examination shall be open to the university teachers and PG students.

18.2.1 In event of serious adverse comments received on thesis from the external examiner, the concerned Dean, Head of the Department and Major Advisor will be made responsible and accountable to improve the quality of the thesis work. The Dean, PGS will write a letter of displeasure to the Major Advisor with suggestive note to the Head. The letter of displeasure and suggestive note will be placed in the personal file of the Major Advisor and Head of the Department, respectively. The Dean, PGS will also communicate pleasure to the Major Advisor, Head and concerned Dean, if any outstanding remarks are received on the thesis from the external examiner.

18.3 A student, whose performance in the viva-voce examination has not been satisfactory, shall be required to re-appear for it between two 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 resubmit within six months for re-evaluation by the same external examiner.

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 register for thesis only under same Major Advisor or another one as proposed by Head of Department and approved by the Dean, P.G. Studies.

18.5.2 He shall be allotted a new research problem and shall re-appear in the comprehensive examination whenever held next. He shall be required to submit the thesis within two years from the date of passing the comprehensive examination subject to the maximum limit prescribed.

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 the College, after a successful viva-voce and incorporation of all suggestions and corrections suggested by the external examiner and the Advisory Committee. The date of correction certificate and submission of bound thesis will be the date of degree award in PDC. The thesis shall be accompanied with the report of viva-voce and certificate of major advisor regarding incorporation of suggestions / corrections.

**Note :-** If the major advisor has been transferred or left the university, 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 shall be appointed by the Vice-Chancellor from the panel of examiners submitted by the major advisor who 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 re-submitted.
- c) The thesis 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 administrative control of Head of Department. The viva-



viva voce examination shall be open to 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 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.

19.4 When one of the examiner 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 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 shall be allotted a new research problem and shall re-appear in the preliminary examination within one year of permission. He shall be required to submit the thesis within 2 years of passing preliminary examination subject to the maximum limit prescribed.

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 2 to 3 months of the first viva-voce.

19.7 The student shall submit three hard bound copies of the 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. The thesis shall be accompanied by the report of the viva-voce and a certificate from Major Advisor regarding incorporation of suggestions.

19.8 The reports of the thesis evaluation and the viva-voce examination shall be placed before the Vice-Chancellor for approval and its recommendation to the Academic Council for the award of Ph.D. degree.

19.8.1 If however, in the case of Ph.D., based upon the performance in viva-voce examination, class room performance, semester examination, etc. all being found satisfactory the student may apply alongwith prescribed fee to the Dean, P.G. Studies 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, a substitute may be appointed by the Dean, P.G. Studies on the viva-voce committee on the recommendation of the Head of Department.

## 20. THE BEST THESIS AWARD

20.1 Two best thesis awards, one each for master's degree and Ph.D. degree shall be instituted in each faculty. Awards shall include a cash prize of Rs. 1,000/- for master's degree and Rs. 2,000/- for Ph.D. degree to the student and certificate to each member of the Advisory Committee. Only students below the age of 30 shall be eligible for this award. The awards shall be made by the Academic Council after considering the report of a committee appointed by it to judge the theses.

## 21. COLLABORATIVE PROGRAMME

21.1 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 to be signed between SKRAU and these institutions on reciprocal basis after approval by the Academic Council. The period spent by the student at these institutions shall be counted towards his residential requirement.

21.1.1 If in the opinion of the Departmental Committee faculties in the field of candidate's specialization are available away from the campus, 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. The Co-Advisor shall be required to be stationed at the place where the candidate carries out research investigation, subject to the condition that the institute is also accredited.

21.2 A candidate from other SAUs 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 preliminary examination under an approved and qualified co-supervisor of his home university on reciprocal basis.

21.3 When a student is permitted to migrate from any SAU to SKRAU in the middle of a programme, he 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 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.

21.3.1 The overall grade point average shall be based on the courses taken and grades obtained in this university.

21.3.2 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.

## **22. AUTHORITY TO INTERPRET THE RULES**

Any question about interpretation of these rules shall be decided by the Vice-Chancellor, who may if he so desires consult the Board of Management to seek any necessary clarification.

## ADMISSION RULES

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

### 1. For Master Programme (Agriculture, Home Science)

- 1.1 Admission to M.Sc. (Agriculture)/M.Sc.(Home Science) programme are made through a competitive Pre-post Graduate Test conducted by Agricultural University of the state. The minimum eligibility for a candidate to appear in this test will be as per the guideline prescribed by the University:-
- 1.2 Admission to M.Sc. Ag/M.Sc. Home Science will be done through proper Merit List. However, natural borne SC/ST candidates may be given a relaxation in the minimum requirement in this test.
- 1.3 Following categories of candidates are exempted from appearing in the Pre-P.G. Test :
  - a) Seats reserved under ICAR nominee.
  - b) Candidates who have qualified for JRF of ICAR.
  - c) Field extension functionaries deputed by Government of Rajasthan.

They will be required to fulfill the following academic qualifications :-

- i) He/she has passed B.Sc. (Agriculture/B.Sc. Agri./B.Sc.(Hort)/(Hons.)/B.Sc. (Home Science) or equivalent thereto from a recognised institution with a minimum of 55% marks in aggregate or with an OGPA of 2.5 in 4.00 point scale / 5.5 in 10 point scale.
  - ii) Except for JRF, other should not have appeared for Pre-P.G. Test in that year.
- 1.4 For Admission to MBA(Agri Business):**
- (i) Indian Nationals below 30 years of age and possessing Bachelor's degree in Agriculture or Allied fields(Horticulture/Vety. & Animal Sc./Dairy Science/Dairy Tech/Food Science/Food Technology/Agricultural Engineering/Agroforestry/Home Sc./Fisheries/BBA-Hons (Agribusiness) etc. will be considered



eligible for admission to the programme. There is no age bar for in service candidates for MBA(AB).

- (ii) The degree should be from any university or institute recognized by ICAR/UGC with a minimum of 60% marks (55% for SC/ST/OBC) or equivalent in terms of OGPA.
- (iii) Admission shall be made on the basis of marks obtained in all India level entrance test recognized by the institute.
- (iv) Admission process will be followed by Group Discussion(GD) and Personal Interview (PI) conducted by the institute Merit list shall be prepared by giving weightage as 30,10,10,20,30 on CAT score, 10<sup>th</sup>, 12<sup>th</sup>, GD & PI respectively. Minimum qualifying marks shall be fifty percent in GD & PI separately.

## 2. Ph.D. DEGREE PROGRAMME

The candidate must have secured at the master's degree level in the concerned subject an overall grade point average (OGPA) of 3.20 in 4.00 point scale or 6.50 in 10.00 point scale or 65% marks in aggregate under traditional system.

All eligible candidates are entitled to appear in the written test. The admission to Ph.D. Will be done on the basis of merit of the written test.

If a candidate has got his marks in GPA/OGPA, it will be converted into percentage with the help of conversion formula adopted by the University.

- Note:-**
- (i) Merit determined as above is meant for the purpose of admission only and it shall not be considered for the award of fellowship.
  - (ii) While determining the merit extra courses taken to make up the grades and the period spent on scholastic probation will also be considered.
  - (iii) Experience will be counted only after completion of Master's degree.

- 2.1. For Ph.D. (Agri Business) by course work programme a candidate must possess a Master's degree in Agribusiness Management /Business administration/equivalent programme with at least 6.5/10.00 OGPA or

equivalent percentage from recognized institute/university. M.Sc.(Ag.) or allied subjects with five years of work experience will also be eligible for admission. All eligible candidates have to appear for written examination followed by Group Discussion(GD) and Personal Interview(PI). Minimum qualifying marks shall be fifty in GD & PI, separately.

Written Test	50%
Graduation	10%
PG	15%
G.D.	10%
P.I.	15%
Total	100%

3. For detailed rules about admission appropriate university authorities should be contacted.



Format of Certificate for submission of report of Comprehensive/Preliminary Examination.

**CERTIFICATE OF COMPREHENSIVE/PRELIMINARY EXAMINATION  
SEMESTER I/II 20\_\_ - \_\_**

This is to certify that Mr./Miss/Mrs. \_\_\_\_\_ a student of M.Sc. (Ag.)/M.Sc.(H.Sc.)/MBA(Agri Business)/Ph.D. in the subject of \_\_\_\_\_ was examined by the following members of the committee for oral comprehensive/preliminary examination held on \_\_\_\_\_ at the College \_\_\_\_\_. On the basis of his/her performance, the members of the committee have awarded her/him the following marks and grade :-

Comprehensive (2 cr. Hrs.) Marks obtained \_\_\_\_\_  
(M.M. 100)

Grade \_\_\_\_\_

Preliminary (4 cr. Hrs.) Marks Obtained

- a) Written examination  
Marks obtained \_\_\_\_\_  
(M.M. 200)
- b) Oral examination \_\_\_\_\_  
(M.M. 200)
- c) Total Marks obtained (a+b) \_\_\_\_\_
- d) Final grade \_\_\_\_\_

1. Major Advisor  
(Name & Signature)
2. Advisor  
(Name & Signature)
3. Advisor  
(Name & Signature)
4. Advisor  
(Name & Signature)

External Examiner  
(Name & Signature)

Countersigned  
Head of Department  
(Name & Signature)

Date : \_\_\_\_\_

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

HEAD OF DEPARTMENT

DEAN

1. To be conducted by Advisory Committee & reported here.
2. Strike-out, whichever is not applicable.
3. Please note that full name of all Advisors and Examiners, Head of Department and Dean should be printed.

## Format for submission of synopsis

## Swami Keshwanand Rajasthan Agricultural University, Bikaner

## SYNOPSIS

1. Name of Scholar \_\_\_\_\_
2. Registration No. \_\_\_\_\_ Date of Registration \_\_\_\_\_
3. Enrolment No. \_\_\_\_\_
4. Title of Thesis \_\_\_\_\_
5. Department and College \_\_\_\_\_
6. Expected duration of the work \_\_\_\_\_  
(give the period from ..... to.....)
7. Objectives
8. Importance of proposed investigation
9. Review of Literature
10. Proposed plan of work
11. Facilities existing including farm, equipment with details
12. Location of area, if field work
13. Literature cited
14. Certificate

The members of Advisory Committee of \_\_\_\_\_ met on \_\_\_\_\_ and during the meeting the candidate presented the synopsis of his research work entitled \_\_\_\_\_ in the form of a seminar 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
_____	_____	_____	_____
.....	.....	.....	.....
.....	.....	.....	.....

\*Write major advisor/co-advisor in front of the person.

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

Forwarded

Signature

Name \*\*& Designation

DEAN

\*\*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



### Format for submission of Thesis

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

- Note:-**
- (1) The size of the thesis should be 8 ½" x 11"
  - (2) The page from Introduction to Literature cited be numbered in Arabic and appendices in Roman (bold face) numbers.
  - (3) The bound thesis should have a plastic cover.
  - (4) Thesis must be typed bothside
  - (5) The faculty-wise colour-coding of the title cover be as follows :-
 

A. Agriculture	-	Sky blue/light blue.
B. Agri Business Management	-	Light green
C. Home Science	-	Light pink/pink.

## Format of title Cover of Thesis

Title in English      Combining Ability Analysis for Quantitative and Qualitative Characters in Durum Wheat (*Triticum durum* Desf.)

Title in Hindi      काठा गेहूँ (ट्रीटीकम डूरम) में मात्रात्मक एवं गुणीय लक्षणों के लिए संयोजन क्षमता का विश्लेषण

Full Name of student      Shiv Ratan Maloo

Full name of degree      Thesis  
Doctor of Philosophy or  
Master of Science in Agriculture

Year of Submission      Monogram of the university  
2016

Name of Department      Department of Plant Breeding & Genetics

Name of College      COLLEGE OF AGRICULTURE  
BJKANER

Name of University      SWAMI KESHWANAND  
RAJASTHAN AGRICULTURAL UNIVERSITY  
BIKANER



## Format of title Page of Thesis

Title in English      Combining Ability Analysis for Quantitative and Qualitative Characters in Durum Wheat (*Triticum durum Desf.*)

Title in Hindi      काठा गेहूँ (ट्रीटीकम डूरम) में मात्रात्मक एवं गुणीय लक्षणों के लिए संयोजन क्षमता का विश्लेषण

Thesis  
Submitted to the  
Swami Keshwanand Rajasthan Agricultural University, Bikaner  
in partial fulfillment of the requirement for  
the degree of

Name of Degree in Full      Doctor of Philosophy/Master of Science in the \_\_\_\_\_

Name of faculty/  
Discipline for  
Master's degree      Faculty of Agriculture  
Plant Breeding & Genetics

By  
**Shiv Ratan Maloo**  
2016

Format of Certificate – I to be included in the Thesis

**Swami Keshwanand Rajasthan Agricultural University, Bikaner**

-----  
(Name of College)

**CERTIFICATE – I**

Date \_\_\_\_\_

This is to certify that \_\_\_\_\_ has successfully completed the comprehensive/preliminary 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.



Format of Certificate – II to be included in the Thesis

**Swami Keshwanand Rajasthan Agricultural University, Bikaner**

\_\_\_\_\_  
(Name of the College)

**CERTIFICATE – II**

Date \_\_\_\_\_

This is to certify that the thesis entitled \_\_\_\_\_  
submitted for the degree of \_\_\_\_\_ in the subject of \_\_\_\_\_  
embodies bonafide research work carried-out by  
Mr./Miss/Mrs. \_\_\_\_\_ under my guidance and  
(first name) (middle name) (surname)  
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)  
Name & Signature

\_\_\_\_\_  
(Major Advisor)  
Name & Signature

\_\_\_\_\_  
(Dean of the College)  
Name & Signature

\_\_\_\_\_  
(Co-Major Advisor)  
Name & Signature

Format of Certificate – III to be included in the Thesis

**Swami Keshwanand Rajasthan Agricultural University, Bikaner**

\_\_\_\_\_  
(Name of the College)

**CERTIFICATE – III**

Date \_\_\_\_\_

This is to certify that the thesis entitled \_\_\_\_\_ submitted by \_\_\_\_\_  
Mr./Miss/Mrs. \_\_\_\_\_ to Swami Keshwanand Rajasthan Agricultural University, Bikaner, in partial fulfillment of 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 & Signature)

\_\_\_\_\_  
Advisor (Name & Signature)

\_\_\_\_\_  
Advisor (Name & Sig.)

\_\_\_\_\_  
Advisor (Name & Signature)

\_\_\_\_\_  
Co-Advisor (Name & Sig.)

\_\_\_\_\_  
Head of the Department  
(Name & Signature)

\_\_\_\_\_  
External Examiner  
(Name & Signature)

\_\_\_\_\_  
Dean of the College

Approved

DEAN  
POST GRADUATE STUDIES

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



Format of Correction Certificate to be included in the Thesis  
**Swami Keshwanand Rajasthan Agricultural University, 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 thesis duly  
bound corrected were submitted on \_\_\_\_\_, and forwarded  
herewith for approval.

\_\_\_\_\_  
Major Advisor  
(Name & Signature)

\_\_\_\_\_  
Head of Department  
(Name & Signature with date)

\_\_\_\_\_  
Dean of the College  
(Name & Signature with date)

Approved

Dean, PGS  
SKRAU, Bikaner

Enclosed one original and two bound copies of the thesis. Forwarded to the Dean, Post Graduate Studies, SKRAU, Bikaner, through the Dean of the College.

Format of Certificate for Submission of Ph.D. Thesis Viva-voce Report

Swami Keshwanand Rajasthan Agricultural University, Bikaner

Date \_\_\_\_\_

This is to certify that the thesis entitled \_\_\_\_\_ submitted by  
Mr./Miss/Mrs. \_\_\_\_\_ to the Swami Keshwanand  
Rajasthan Agricultural University, 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 also examined orally on his thesis after which the following  
recommendations were made by the external examiner and the advisory committee  
:-

- (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, P.G. Studies/  
Dean of the College      Co-Advisor

\_\_\_\_\_  
Advisor (Name & Sig.)      Any other      Advisor  
(Name & Sig.)

\_\_\_\_\_  
Advisor (Name & Sig.)      Advisor (Name & Sig.)      External Examiner

Forwarded by the Head, Department of \_\_\_\_\_ to :-

1. The Dean, Post Graduate Studies, SKRAU, Bikaner, with three copies of bound thesis and the certificate of incorporation of corrections & suggestions.
2. The Assistant Registrar, College of \_\_\_\_\_

\_\_\_\_\_  
Head of Department (Name & Sig.)

\_\_\_\_\_  
Dean of the College  
(Name & Signature with date)

- Do not include, which is not applicable or strike-out.
- Please note that full name of Major Advisor, Co-Advisor, Advisors, and Dean must be printed.



## POST GRADUATE SCHEDULE

### (A) MASTER PROGRAMME

Semester	From Date of Registration	Activities
First Sem.	As scheduled	Fresh admission and registration.
	First month	Appointment and approval of Major Advisor.
	Second month	Formation of Advisory Committee and its approval from Dean, PGS.
	Third month	Meeting of Advisory Committee to chalk-out course programme.
	Fourth month	Course programme approval from Dean, PGS in form No. PG-11.
Second Semester	As scheduled	Registration in second semester as per the course programme approved by Dean, PGS.
Third Semester	First month	Allotment of research problem.
	Second to Third month	Seminar on synopsis.
	Third month (by October)	Submission of synopsis of the research problem for approval of Dean, PGS.
	Fourth month	Beginning of the research in rabi season
	Last month	Request for comprehensive examination.
Fourth	As scheduled	Registration and research work continues.
	Any Time during the semester	Comprehensive Examination
	Last month	Thesis submission.

- Issue of warning to the student, if not submitted in minimum prescribed time period.

**(B) Ph.D. PROGRAMME**

Semester	From Date of Registration	Activities
<b>First Sem.</b>	As scheduled	Fresh admission and registration
	First month	Appointment and Approval of Major Advisor.
	Second month	Formation of Advisory Committee and its approval from Dean, PGS
	Third month	Meeting of Advisory committee to chalk-out course programme
	Fourth month	Course programme approval by Dean, PGS in the form No.PG-11.
<b>Second Semester</b>	As scheduled	Registration in second semester as per the course programme approved by Dean, PGS
	First month	Allotment of research problem for Rabi
	Second to Third month	Delivering Synopsis seminar
	Third month (up to October)	Submission of synopsis of the research problem and its approved by Dean, PGS
	Fourth/Fifth month	Begning of the research in Rabi season if required
	Last Month	Request for Preliminary Examination
<b>Third Semester</b>	As scheduled	Registration and research work continue if required
	First month	Allotment of research problome for Kharif
	Second/Third month	Seminar on Synopsis, preliminary examination.
	Third/Fourth month	Submission of Synopsis of the research problem and its approval by dean, PGS
	Fourth/Fifth month	Beginning of research in Kharif season
<b>Fourth Semester</b>	As scheduled	Registration and Research work continues
<b>Fifth Semester</b>	As scheduled	Registration and Research work continues
	After Registration Completion of 5th Sem.	Thesis submission

- Issue of warning to the student, if not submitted in minimum prescribed time period



## FORMAT FOR COURSE PROGRAMME

INSTITUTE OF AGRI BUSINESS MANAGEMENT  
Swami Keshwanand Rajasthan Agricultural University, Bikaner

### Course Programme of MBA (AB)

1. Degree in which admitted:	MBA (AB)	Faculty:	Agribusiness Management
2. Name of the student in full:			
3. Father's Name:		Mother's Name:	
4. Date of Admission:			
5. Semester & Year of Admission:		Category:	
6. Registration No.:		Enroll No.:	
Date of Registration:			
7. Permanent Address:			
8. Institution last attended:			
9. Date & Place of Birth:			
10. Qualifying Degree:		Percentage/OGPA:	
11. Employer's name, if any:			
12. Above information is correct. Signature of Student _____			
13. Certified that the academic attainments of the student prior to joining of the aforesaid programme have been assessed properly and the advisory committee recommends the courses mentioned in this form including compulsory courses, courses from field of specialization / elective group:			

Advisory Committee	Name	Designation	Signature
Major Advisor			
Member			
Member			
Dean, PGS Nominee			

Signature of Dealing Clerk  
Students Section

Signature of  
Course Coordinator





## FORMAT FOR SUBMISSION OF SYNOPSIS

**INSTITUTE OF AGRI BUSINESS MANAGEMENT**  
**Swami Keshwanand Rajasthan Agricultural University, Bikaner**

1.	Name of Scholar
2.	Registration No. _____ Date of Registration _____
3.	Enrolment No. _____ Date of Enrolment _____
4.	Title of Project _____
5.	Field of Specialisation _____
6.	Expected duration of the work _____ (give the period from..... To.....)
7.	Objectives _____
8.	Importance of proposed investigation _____
9.	Review of Literature _____
10.	Proposed plan of work _____
11.	Location of area, if field work _____
12.	Certificate _____

The members of Advisory Committee of (Name of the student) met on (Date) in which the candidate presented in the form of a seminar, the synopsis of his / her project work entitled (Title of the project) to be carried-out for (Name of degree) in (Field of specialization). After discussion the committee has recommended the synopsis for approval.

Name & Designation	Major Advisor / Member	P.G. Code No.	Signature
	Major Advisor		
	Member		
	Member		
	Dean, PGS Nominee		

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

Date:

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

Signature & Name  
**DIRECTOR, IABM**

**DEAN, PGS**

## FORMAT FOR PREPARATION OF PROJECT REPORT

**INSTITUTE OF AGRI BUSINESS MANAGEMENT**  
**Swami Keshwanand Rajasthan Agricultural University, Bikaner**

1.	Title cover-outer (covered with plastic sheet)
2.	Title cover-inner
3.	Title page
4.	Certificate – I (Comprehensive Examination)
5.	Certificate – II (Project Report submission & approval)
6.	Certificate – III (Submission of final copies of Project Report duly corrected and bound).
7.	Acknowledgement
8.	Contents
9.	List of tables
10.	List of figures and graphs
11.	List of appendices
12.	Executive Summary
13.	Introduction
14.	Review of Literature
15.	Project Methodology
16.	Findings & Analysis
17.	Conclusions & Recommendations
18.	References
19.	Appendices

Note:

1. The size of the Project Report should be A4 size in 1.5 space one side printed through computer.
2. The page from introduction to be numbered in Arabic and appendices in Roman (bold face) numbers.
3. The bound Project Report should have a plastic cover.
4. Colour-coding of the title cover for Faculty of Agribusiness Management will be **Light Green**.



**FORMAT OF CERTIFICATE FOR SUBMISSION OF  
PROJECT REPORT**

**INSTITUTE OF AGRI BUSINESS MANAGEMENT  
Swami Keshwanand Rajasthan Agricultural University, Bikaner**

This is to certify that the Project Report entitled **(Title of the Project)** submitted by **(Name of the student)** to the Swami Keshwanand Rajasthan Agricultural University, Bikaner in partial fulfillment of the requirements for the degree of MBA (Agri Business) in the field of **(Mention field of specialization)** / with elective **(Mention the elective groups opted)** was examined by the constituted committee.

The candidate was examined orally on his / her project report by the committee with following recommendations:

- (1) The performance of the candidate has been found satisfactory. We recommend the acceptance of the project report for the award of the degree.
- (2) The performance of the candidate has been found unsatisfactory. The candidate be asked to reappear in the oral examination.

\_\_\_\_\_  
Major Advisor  
(Name & Signature)

\_\_\_\_\_  
Member  
(Name & Signature)

\_\_\_\_\_  
Member  
(Name & Signature)

\_\_\_\_\_  
Dean, PGS Nominee  
(Name & Signature)

Copy forwarded to:

The Dean Post-Graduate Studies, Swami Keshwanand Rajasthan Agricultural University, Bikaner with three copies of the bound project report and the certificate of incorporation of corrections and modifications.

Director, IABM  
Name and Signature

\* Do not include, which is not applicable or strike out.

\*\* Please note that full name of Members of Advisory Committee be entered.

**(Format for Title Cover – Outer)**

**Title of the Project (English)**

**Title of the Project (Hindi)**

**Name of the Student**

**PROJECT REPORT**

**Master of Business Administration  
(Agri Business)**



उत्तमा वृत्तिस्तु कथिकमेव

**Year**

**INSTITUTE OF AGRI BUSINESS MANAGEMENT  
SWAMI KESHWANAND RAJASTHAN AGRICULTURAL UNIVERSITY  
BIKANER – 334 006**



**(Format for Title Cover – Inner)**

**Title of the Project (English)**

**Title of the Project (Hindi)**

**Name of the Student**

**PROJECT REPORT**

**Master of Business Administration  
(Agri Business)**



उत्तमा वृत्तिस्तु कृषिकर्मैव

**Year**

**INSTITUTE OF AGRI BUSINESS MANAGEMENT  
SWAMI KESHWANAND RAJASTHAN AGRICULTURAL UNIVERSITY  
BIKANER – 334 006**

**(Format for Title Page)**

**Title of the Project (English)**

**Title of the Project (Hindi)**

**PROJECT REPORT**

**Submitted to the  
Swami Keshwanand Rajasthan Agricultural University, Bikaner  
in partial fulfillment of the requirement for  
the degree of**

**Master of Business Administration  
(Agri Business)  
in the  
(Field of Specialization)**

**By**

**Name of the student  
Year**



**FORMAT FOR CERTIFICATE – I**

**INSTITUTE OF AGRI BUSINESS MANAGEMENT  
SWAMI KESHWANAND RAJASTHAN AGRICULTURAL  
UNIVERSITY, BIKANER**

**CERTIFICATE-I**

Date \_\_\_\_\_

This is to certify that (Name of Student) has successfully completed the Comprehensive Examination held on (Date) as required under the regulation for the degree of Master of Business Administration (Agri Business).

(Signature)  
DIRECTOR, IABM

## FORMAT FOR CERTIFICATE – II

**INSTITUTE OF AGRI BUSINESS MANAGEMENT  
SWAMI KESHWANAND RAJASTHAN AGRICULTURAL  
UNIVERSITY, BIKANER**

### CERTIFICATE-II

Date \_\_\_\_\_

This is to certify that this project report entitled (Title of the Project), submitted for the degree of Master of Business Administration (Agri Business) in the field of embodies bonafide project work carried out by (Name of student) under our guidance and supervision and that no part of this project report has been submitted for any other degree. The assistance and help received during the course of investigation have been fully acknowledged. The draft of this project report was also approved by the Advisory Committee on (Date).

#### Advisory Committee:

1. Major Advisor
2. Member
3. Member
4. Dean, PGS Nominee \*

Recommended for approval.

(Signature)  
DIRECTOR, IABM

APPROVED

(Signature)  
Dean, Post Graduate Studies



**FORMAT FOR CERTIFICATE – III**

**INSTITUTE OF AGRI BUSINESS MANAGEMENT  
SWAMI KESHWANAND RAJASTHAN AGRICULTURAL  
UNIVERSITY, BIKANER**

**CERTIFICATE – III**

Date \_\_\_\_\_

This is to certify that the thesis entitled \_\_\_\_\_

\_\_\_\_\_ submitted by  
Mr./Miss/Mrs. \_\_\_\_\_ to Swami  
Keshwanand Rajasthan Agricultural University, Bikaner, in partial fulfilment of  
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 & Signature)

\_\_\_\_\_  
Advisor (Name & Signature)

\_\_\_\_\_  
Advisor (Name & Sig.)

\_\_\_\_\_  
Advisor (Name & Signature)

\_\_\_\_\_  
Co-Advisor (Name & Sig.)

\_\_\_\_\_  
Head of the Department  
(Name & Signature)

\_\_\_\_\_  
External Examiner  
(Name & Signature)

\_\_\_\_\_  
Dean of the College

Approved

DEAN  
POST GRADUATE STUDIES

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

## FORMAT FOR CERTIFICATE – IV

**INSTITUTE OF AGRI BUSINESS MANAGEMENT  
SWAMI KESHWANAND RAJASTHAN AGRICULTURAL  
UNIVERSITY, BIKANER**

### CERTIFICATE-IV

Date \_\_\_\_\_

This is to certify that (Name of student) of the Institute of Agri Business Management, Bikaner has made all corrections/modifications in the Project Report entitled (Title of the Project), which were suggested by the Advisory Committee in the oral examination held on (Date). The final copies of the Project Report duly bound and corrected were submitted on (Date) and are enclosed herewith for approval.

#### Advisory Committee:

1. Major Advisor
2. Member
3. Member
4. Dean, PGS Nominee

Recommended for approval

(Signature)  
DIRECTOR, IABM

APPROVED

(Signature)  
Dean  
Post Graduate Studies



## Standard format for writing Masters and Ph.D. theses and other related matters

<b>Thesis type</b>	Both side thesis type except Certificate & Acknowledgement.
<b>Font</b>	Arial
<b>Font size</b>	12
<b>Heading font</b>	14 Bold
<b>Sub Heading font</b>	13 Bold
<b>Row spacing</b>	One & half
<b>Spacing left</b>	2
<b>Spacing right</b>	1
<b>Spacing bottom</b>	1
<b>Spacing top</b>	1.5
<b>Page numbering format</b>	From introduction page to Bibliography
<b>Photograph</b>	Not to be page numbered
<b>Tables numbering</b>	After the section and sub-section number/numbers are to be given in roman numerals.
<b>Dedication</b>	No page in the thesis for dedication.
<b>Acknowledgement (font size 10 and single space)</b>	Acknowledgement should not be exceed more than one page and it should contain proper acknowledgement to all official sources.
<b>Introduction</b>	The introduction part should invariably contain specific objectives of the study and hypothesis to be tested, if any.
<b>Review of literature</b>	After statement of review, paragraph stating how the present work is going to be different from the earlier work in the field, should also be given.
<b>Results &amp; Appendices</b>	The presentation of results should be strictly in accordance to the objectives.
<b>Material &amp; Methods</b>	Material & Methods should be standard and reproducible.
<b>Discussion</b>	The Research finding should be discussed critically in light of latest available literature.
<b>Summary &amp; conclusions</b>	The summary & conclusions should imamate from the results itself.
<b>Bibliography</b>	Writing style of bibliography should follow recent scientific pattern, eg.
<b>Annexure</b>	Annexure are to be numbered in roman numerals
<b>Abstract</b>	Font size 12 and single space

**The example of the format of the bibliography of thesis is as follows :**

Behera, T.K., Staub, J.E., Behera, S., Rao, A.R. and Mason, S. (2008) One cycle of phenotypic selection combined with marker assisted selection for improving yield and quality in cucumber. In : Pitrat, M. (Ed.). Proceedings of the IX EUCARPIA meeting on genetics and breeding of Cucurbitaceae. Avignon, France, 115-121.

Black, C.A. (1968) Soil-Plant Relationships. Second Edition, John Wiley and Sons, New York, 45.

Jha, P.N. (1968) A critical analysis of factors associated with communication fidelity with reference to high yielding varieties proffgamme. Ph. D. Thesis, IARI, New Delhi.

Lorch, H. (1948) Production of hydrocyanic acid by bacteria. *Physiol. Plant*, **1** : 142-146

Nelson, E. B., Burpee, L.L. and Lawton, M.B. (1994) Biological control of turfgrass diseases. In: *Handbook of Intergrated Pest Management for Turf and Ornamentals*. Leslie, A. (Ed.) CRC Press, Boca Raton, Florida, 409-427

Norton, J. M. and Harman, G. E. (1985) Responses of soil microorganisms to volatile exudates from germinating pea seeds. *Can J. Bot.* **63** : 1040 – 1045.

Sangwan, N. S., Sangwan, R. S. and Kumar, S. (1998) Isolation of genomic DNA from the antimalarial plant *Arternisea annua*. *Pl. Mol. Biol. Rep.* **16**: 1-8



**PROFORMA FOR WITHDRAWAL FROM THE COLLEGE UNDER RULE  
7.7/17.5**

**(To be filled by the student)**

1.	Programme of study and subject	
2.	Date of Admission and Registration in the 1 <sup>st</sup> semester	
3.	Date on which the student complete the course work as per programme approved by the Dean, PGS	
4.	Date on which the student successfully complete comprehensive/preliminary examination.	
5.	Date on which the student delivered synopsis seminar and the date of synopsis approved by the Dean, PGS	
6.	Date on which the student satisfactorily complete required research credit hours	
7.	No. of semesters which the student complete as the residential requirement under the study programme.	
8.	The nature and amount of work pending for submitting the thesis.	
9.	Reason for withdrawal from the programme under Rule No.17.5	
10.	Period of withdrawal	

**Signature of student  
Name:**

---

**Recommendation of the Major Advisor**

The above facts submitted by the student are true and signed in my presence.

**Major Advisor**

**Recommendations of the Head of the Department**

The above facts submitted by the student are verified from the records available in the office. The case is recommended/not recommended for consideration.

**Head of the Department**

Recommended and forwarded

**DEAN/DIRECTOR**

### FORMATE FOR THE SUBMISSION OF THE THESIS/PROJECT

1.	Name of the student	
2.	Date of Admission	
3.	Registration No.	
4.	Enrollment No.	
5.	Date of Approval of Advisory Committee	
6.	Date of Approval of Course Programme	
7.	Date of Synopsis Seminar	
8.	Date of Approval of Synopsis	
9.	Date of successful Completion of Comp./Prelim. 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)	Yes/No
12.	Whether completed the Residential requirement (04 semester for PG and 05 semester for Ph.D.)	Yes/No
13.	Whether provided extension beyond permissible limit (08 semester for PG and 12 semester for Ph.D), if Yes, attach copy.	Yes/No
14.	Date of submission of thesis	
15.	Thesis is as per format	Yes/No
16.	Hindi translation of abstract	Yes/No

**Submitted**

**Major Advisor**

(Name & Designation)

**Forwarded and verified above information**

**Head of the Department  
(Name & Designation)**

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

**Dean/Director  
(With Seal)**

**For use of Dean, PGS Office**

**Checked**

**Verified**





उत्तमा वृत्तिस्तु कृषिकर्मैव



Published by :  
**Dean P.G. Studies**  
On Behalf of Swami Keshwanand  
Rajasthan Agricultural University, Bikaner

Printed by : Jawahar Press, BKN





जसना वृत्तिलु कृषिकर्मव

**OFFICE OF THE DEAN, POST GRADUATE STUDIES**

(Swami Keshwanand Rajasthan Agricultural University)

BIKANER-334006 (Raj.)



भारत इंटरनेशनल बिजनेस

Dr. R.S. Yadav  
Dean,PGS

Tel: 0151-2250561 (Off.)  
mail-dpg@raubikaner.org

No.SKRAU/PGS/A.C./01/2021/ 9522-9525 Dated : 06.07.2021

**NOTIFICATION**

19

In compliance to resolution No.SKRAU/AC-55/2021-1/384-iii-A of Academic Council meeting held on 08.02.2021 subsequently approved by the Board of Management vide its resolution No. SKRAU/BOM-105/2021-1/1398 dated 15.6.2021, **fee cum penalty structure for the students of PG programme after the maximum permissible limit of semesters is notified as per details given below with immediate effect.** Special permission beyond permissible semesters is applicable to those students who have completed their residential requirement within prescribe time limit (08 semesters for MBA/M.Sc. and 12 semesters for Ph.D.)

Programme	Normal Duration	Maximum Limit	Condition	Fees Chargeable up to permissible Semesters	Special Permission beyond permissible Semesters
Master's Degree	2 Years or 4 Semesters	4 Years or 8 Semesters	Continuous without any break during the residential requirement and relieved after residential requirement.	Normal fees as chargeable	Penalty of Rs. 20,000/- and Rs. 25,000/- for 9 <sup>th</sup> Semester and 10 <sup>th</sup> Semester respectively. Women candidates or person with disability (more than 40%) may be allowed a relaxation of two more semesters i.e. 11 and 12 semester with penalty of 25000/- for each semester.
			Semester dropped with official permission during residential requirement before relieved.		
			Semester break without prior permission or absence (i.e. cancellation of registration).		

S.S.  
Juh  
17/7/21





उत्तमा दृष्टिस्तु कृषिकर्मैव

**OFFICE OF THE DEAN, POST GRADUATE STUDIES**

(Swami Keshwanand Rajasthan Agricultural University)

BIKANER-334006 (Raj.)





**Dr. R.S. Yadav**  
Dean,PGS

Tel: 0151-2250561 (Off.)  
mail-dpg@raubikaner.org

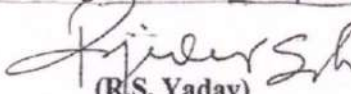
Ph. D.	3 Years or 6 Semesters	6 Years or 12 Semesters	Continuous without any break during the residential requirement and got relieved officially after residential requirement.	Normal fees as chargeable under rules	Penalty of Rs. 25,000/- and Rs. 35,000/- for 13 <sup>th</sup> Semester and 14 <sup>th</sup> Semester respectively. Women candidates or person with disability (more than 40%) may be allowed a relaxation of two more semesters i.e. 15 and 16 semester with penalty of 35000/- for each semester.
			Semester dropped with official permission during residential requirement before relieved.		
			Semester break without prior permission or absence (i.e. cancellation of registration).	One time re- registration fees of Rs. 25,000/- + normal fees as applicable to students admitted in the year of re- registration and during subsequent period.	

**Note:**

1. In addition, the women candidates may be provided maternity/child care leave once in entire duration for up to 240 days for both Master's and Ph. D. degrees.
2. Penalty is over and above the normal fees.
3. Penalty will be applicable to all the students irrespective of year of admission as and when due.
4. Student has to deposit penalty amount to the Cashier of respective colleges alongwith fees.
5. In case of in-service candidates of SKRAU, Bikaner, re-registration will be allowed after the clearing the probation and leave of the kind due is granted by the competent authority to fulfill the requirement of M.Sc./MBA/Ph.D programmes. However, service period will not be counted while counting period of stay.

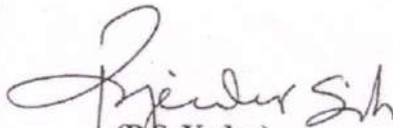
 <p>उत्तमा वृत्तिस्तु कृषिकर्मव</p>	<b>OFFICE OF THE DEAN, POST GRADUATE STUDIES</b> (Swami Keshwanand Rajasthan Agricultural University) BIKANER-334006 (Raj.)	 <p>BhIM भारत इंटरनेशनल मिरर</p>
<b>Dr. R.S. Yadav</b> Dean, PGS	Tel: 0151-2250561 (Off.) mail-dpg@raubikaner.org	

6. In case of in-service candidates other than SKRAU, Bikaner, re-registration will be allowed if the employer grants study leave and relieving order according to the service rules of the concerned organization. Other terms and conditions/penalties/time limit, etc. will be same as applicable. However, service period will not be counted while counting the period of stay and he/she has to give documentary proof of service and relieving order to satisfaction of university.
7. In case of re-registration, rules as in existence at the time of re-registration will be applicable
8. This above rule is added in Post Graduate Studies Regulations-2016 at point 6.5.1

  
 (R.S. Yadav)  
 Dean, PGS

Copy to following for information and necessary action:

1. The Registrar, SKRAU, Bikaner.
2. The Dean, College of Agriculture, Bikaner.
3. The Dean, College of Home Science, Bikaner.
4. The Director, IABM, Bikaner.

  
 (R.S. Yadav)  
 Dean, PGS





उत्तमा दृष्टिस्तु कृषिकर्मैव

**OFFICE OF THE DEAN, POST GRADUATE STUDIES**  
(Swami Keshwanand Rajasthan Agricultural University)  
BIKANER-334006 (Raj.)



**Dr. R.S. Yadav**  
Dean, PGS

Tel: 0151-2250561 (Off.)  
mail-dpg@raubikaner.org

No.SKRAU/PGS/A.C./01/2021/9526-9529 Dated : 01.07.2021

**NOTIFICATION**

In compliance to resolution No.SKRAU/AC-55/2021-1/384-iii-B of Academic Council meeting held on 08.02.2021 subsequently approved by the Board of Management vide its resolution No. SKRAU/BOM-105/2021-1/1398 dated 15.6.2021, it is notify that to add Certificate-V of Copyright Transfer Certificate in PG (M.Sc./MBA/Ph.D.) thesis/Project Report with immediate effect. Certificate format as under:

SWAMI KESHWANAND RAJASTHAN AGRICULTURAL UNIVERSITY :  
BIKANER

( \_\_\_\_\_  
Name of the College/Institute )

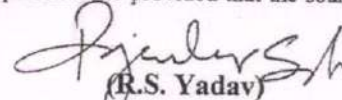
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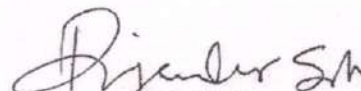
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<b>Dr. R.S. Yadav</b> Dean, PGS	Tel: 0151-2250561 (Off.) mail-dpg@raubikaner.org	

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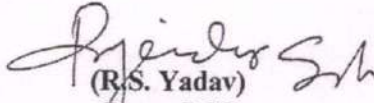
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### NOTIFICATION

In compliance to resolution No.SKRAU/AC-55/2021-1/384-iii-C of Academic Council meeting held on 08.02.2021 subsequently approved by the Board of Management vide its resolution No. SKRAU/BOM-105/2021-1/1398 dated 15.6.2021, it is notify that the maximum limits of allotment of the students of PG programme to major advisor as under:

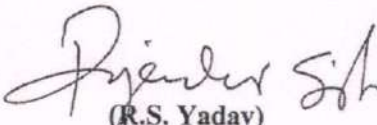
For teaching faculty	5 Ph. D. or 8 M. Sc. or 4 Ph. D. + 4 M. Sc.
For others (Research/Ext/Administrative)	2 Ph. D. + 2 M. Sc. *In Exceptional case Dean PGS extend the limit to 3 Ph. D.

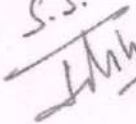
It will replace the Rule 5.1.1 of Post Graduate Studies Regulations-2016.

  
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<b>Dr. R.S. Yadav</b> <b>Dean, PGS</b>		

No.SKRAU/PGS/A.C./01/2021/ 9534-9537

Dated : 06.07.2021

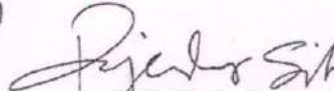
**NOTIFICATION**

14

In compliance to resolution No.SKRAU/AC-55/2021-1/384-iii-D & 384-iv of Academic Council meeting held on 08.02.2021 subsequently approved by the Board of Management vide its resolution No. SKRAU/BOM-105/2021-1/1398 dated 15.6.2021, it is notify that if Head/Departmental Committee of the respective departments faces difficulties then, teachers/scientists/extension specialists of the following departments are allowed to guide and teaching the PG Programme as major advisor in the following subject as under :

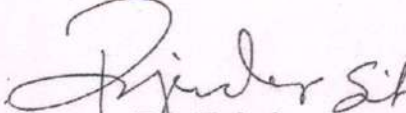
Subject	Teachers/Scientists/Extension specialists of the departments allow to guide as Major Advisor
Biotechnology	Biochemistry/Genetics and Plant Breeding/Microbiology/Plant Physiology/Horticulture/Plant Pathology
Agri Business	Agricultural Economics/Agriculture Extension and Communication/Extension Education and Communication Management
Agriculture Extension and Communication	Extension Education and Communication Management
Extension Education and Communication Management	Agriculture Extension and Communication

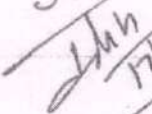
Add at point 5 (Advisory System) of Pa Rule

  
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