

Ref.: ACP/RC/2021-22/15

Date: 24.05.2022

## NOTICE

All the students of M. Pharm Final Year and Ph. D are hereby advised that they should submit a filed copyright or a patent application form of their thesis or project work to respective guide to maintain novelty of the project.

All the respective guides will ensure the novelty of the work and will help to publish and filling a copyright or a patent by their allotted students, for this work research committee will guide to all for same.

All students will report to guides and research cell to publish their novel work in international indexed journals.

For more details regarding the may contact to Mr. Ashok Kumar Sharma.

*Ashok*

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PRINCIPAL

Arya College of Pharmacy  
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- Copy to
1. IQAC Coordinator
  2. Research Committee
  3. All HOD

# Rajasthan University of Health Sciences Jaipur



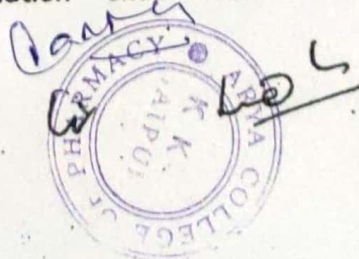
## RUHS Ph.D. Regulations 2017





## 1. General Guidelines: Introduction

- 1.1 Candidates who have obtained Master's Degree in the concerned subject under the faculty of **Medicine, Pharmacy, Dentistry, Physiotherapy, Nursing & Paramedical Sciences** of Rajasthan University of Health Sciences, Jaipur or a P.G. Degree in **Medicine, Dentistry, Physiotherapy, Nursing, Paramedical Sciences & Pharmacy** of any other university but considered, as equivalent by this University are eligible to register for Ph.D. course.
- 1.2 The admission to the course shall be made through an entrance examination hereinafter referred to as RUHS Ph.D. Entrance examination conducted by the university for admission to the Ph.D. programme.
- 1.3 All those desirous of seeking admission to Ph.D. programme shall accordingly apply for the Entrance examination along with the prescribed fee for this.
- 1.4 The candidate would have to produce all relevant original documents at the time of interview. Students who have appeared for final year P.G. examination will be provisionally allowed to appear in the entrance examination of that year where upon it is mandatory to submit final year marksheet/certificate at the time of interview before the interview board.
- 1.5 Without appearing in RUHS Ph.D. Entrance examination no candidate can be allowed to register in Ph.D. program of University.
- 1.6 Applications for admission to a Ph.D. Program shall be invited once in academic year according to the vacant seats available at that time.
- 1.7 The number of seats (subjects/specializations-wise for Ph.D.) shall be decided well in advance & will be notified on the website of the university alongwith through an advertisement in atleast 2 newspapers having wide publicity of which atleast one shall be in the regional language, information as to number of seats for admission/subjects & discipline-wise distribution of available seats, criteria for admission, admission procedure, examination centres where entrance examination shall be available in this advertisement.





- 1.8 Only the determined number of students will be admitted to Ph.D. Programme.
- 1.9 The Entrance Examination will be conducted for subjects of all faculties in which RUHS is conducting Post Graduation courses and as per the availability of qualified guides with vacant seats at the time of examination.
- 1.10 Candidates can appear in entrance Examination in the subject of specialization of their Post-Graduation only.
- 1.11 Without appearing in RUHS Ph.D. Entrance Examination (written & interview) no candidate can be allowed to register in Ph.D. program of University.
- 1.12 A candidate registered for regular Ph.D. programme shall not be allowed to take up any other full time regular course and / or Examination. However, in exceptional cases in the interest of Research the Hon'ble Vice-Chancellor may grant such permission on the recommendation of the supervisor and the Head of the Department concerned.
- 1.13 A candidate will not be permitted to do Research Work for the Degree of Ph.D. in a specialty different from the one in which he/she has obtained his/her Master's Degree.
- 1.14 The University shall follow the State Govt. rules of the reservation policy in granting admissions.
- 1.15 All the research guides shall give due weightage to the following points in the research to be done by the scholar for award of Ph.D. degree:-
- 1.15.1 Research work should have relevance to local problems existing in the society.
- 1.15.2 Research should have due Impact/long term effect on National Health Priorities and programmes.

**2. Eligibility for Admission:-**

**2.1 Eligibility for admission for full time regular Ph.D.**

- 2.1.1 This programme is only for non-service candidates & regular in nature and a minimum of 75% attendance per year is mandatory at the research centre where the supervisor is located.

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2. Candidates with the following qualifications are eligible for Ph.D. courses of this University, under the following faculties :-

**A) Medicine & Dentistry**

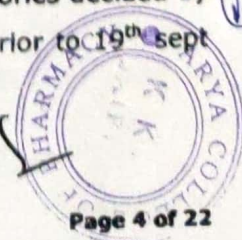
- I. Candidates with MD/ MS/ MDS or equivalent Master's degree awarded by a College/University recognized by respective governing council are eligible to register for Ph.D course in their subject of specialization only.
- II. In case of clinical subjects only candidates possessing M.D., M.S., M.D.S., or any equivalent P.G. degree after M.B.B.S. recognized by Rajasthan University of Health Sciences, Jaipur are eligible.
- III. Non-Medical candidates with a degree in 3 years M.Sc. programme in Anatomy/Physiology/Biochemistry/ Microbiology/Pharmacology under faculty of medicine as recognized by MCI/RUHS are also eligible.

**E) PHARMACY**

Candidates with M. Pharma degree awarded by this University or by a recognized College/University recognized by AICTE/ PCI /RUHS or a P.G. Degree in Pharmacy considered as equivalent by RUHS are eligible for Ph.D. course in Pharmacy of this University with at least 55% marks in aggregate (of all the years/semesters) or minimum equivalent CGPA as defined by AICTE/UGC or any other competent body are eligible [Relaxation of 5% or equivalent grade points for SC/ST/OBC (non creamy layer) and differently abled persons or categories decided by UGC or those who have obtained their masters degree prior to 19<sup>th</sup> sept 91.]

**C) Physiotherapy**

Candidates with M.P.T. degree awarded by this University or by a recognized College/University recognized by Respective Council (if any) /RUHS or a P.G. Degree in Physiotherapy considered as equivalent by RUHS are eligible for Ph.D. course in Physiotherapy of this University with at least 55% marks in aggregate (of all the years/semesters) or minimum equivalent CGPA as defined by AICTE/UGC or any other competent body are eligible [relaxation of 5% or equivalent grade points for SC/ST/OBC (non creamy layer) and differently abled persons or categories decided by UGC or those who have obtained their masters degree prior to 19<sup>th</sup> sept 91.]





**D) Nursing**

Candidates with M.Sc. Nursing degree awarded by this University or by a recognized College/University recognized by INC /RUHS or a P.G. Degree in Nursing considered as equivalent by RUHS are eligible for Ph.D course in Nursing of this University with at least 55% marks in aggregate (of all the years/semesters) or minimum equivalent CGPA as defined by AICTE/UGC or any other competent body are eligible (Relaxation of 5% or equivalent grade points for SC/ST/OBC (non creamy layer) and differently abled persons or categories decided by UGC or those who have obtained their masters degree prior to 19<sup>th</sup> sept 91.)

**E) Paramedical Sciences**

Candidates with P.G. degree awarded by this University or by a recognized College/University recognized by Paramedical Council, (if any) /RUHS or a P.G. Degree in Paramedical considered as equivalent by RUHS are eligible for Ph.D. course in Paramedical of this University with at least 55% marks in aggregate (of all the years/semesters) or minimum equivalent CGPA as defined by AICTE/UGC or any other competent body are eligible [Relaxation of 5% or equivalent grade points for SC/ST/OBC (non creamy layer) and differently abled persons or categories decided by UGC or those who have obtained their masters degree prior to 19<sup>th</sup> sept 91.]

**2.2 Eligibility for admission for part time Ph.D. programme**

- 2.2.1 This programme is only for in-service candidates.
- 2.2.2 Educational qualifications of a scholar for Part Time Ph.D. programme is similar to the regular Ph.D. programme. In-service candidates can pursue Ph.D. course (Part Time) only after procuring NOC from present employer.
- 2.2.3 Permission of the employer in writing shall be acquired by the candidate to pursue Ph.D. programme along with his/her regular duties in the organization he/she is employed.
- 2.2.4 Facilities for pursuing research at the candidate's parent organization (place of work) in the chosen field of research should exist there and a certificate to this effect from the supervisor is to be submitted.
- 2.2.5 Certificate issued by the employer to allow him/her to fulfill the residential requirement during course work (6 months) and contact days (100 days per year from 2<sup>nd</sup> year onwards) with supervisor or as notified by University from time to time will have to be submitted by the candidates.

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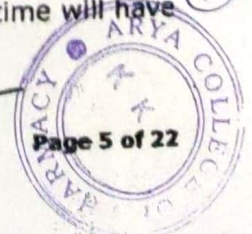
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### **3. Duration of Ph.D. Programme:**

- 3.1 Ph.D. programme shall be for a minimum period of 3 years including course work and a maximum of 6 years for full time research scholars and 4 years including course work and a maximum of 7 years for part time research scholars.
- 3.2 The extension beyond the above limits may be permissible for a further period of one year on case to case basis by the university. No further extension shall be granted after this period and candidates shall be required to re-register afresh beyond this period.
- 3.3 For grant of extension, candidate has to request the university through proper channel 6 months before the expiry of the maximum period i.e. 6 years/7years as the case may be.
- 3.4 Minimum 100 contact days per year from second year onwards is mandatory for part time scholars (In-service candidate) since candidates are required to work at supervisor's place for six months during the course work.
- 3.5 Research period will be counted from the date of joining at research centre but not later than 15 days from the date of issue of allotment letter.
- 3.6 Women candidates and persons with disability (more than 40% disability) may be allowed a relaxation of two years in maximum period. In addition the women candidates may be provided maternity leave/Child care leave once in entire duration for up to 240 days.

### **4. Procedure for Admission:-**

#### **4.1 Examination fee & mode of payment**

Application form for **RUHS Ph.D. Entrance Examination** shall be available online at website of RUHS ([www.ruhsraj.org](http://www.ruhsraj.org)) after the Notification is issued for concerned year and candidate has to fill up application form as per guidelines issued with online form and deposition of prescribed application fee (through E-Mitra /Bank challan as per instructions in Information Booklet). The filled Application form alongwith the attested mark sheets/documents etc. with receipt of prescribed fee are to be submitted to the office of the Convener, Pre Ph.D. Entrance examination, Rajasthan





University of Health Sciences, Kumbha Marg, Pratap Nagar, Sector-18, Jaipur-302033 (Raj.) on or before the prescribed last date.

**4.2 Scheme of Entrance Examination**

The duration of examination will be of two hours and the maximum marks of the examination will be 100. There will be two papers (Research Methodology & Subject Specific) of one hour each. Each paper shall consist of 50 MCQs or as instructed by university at the time of entrance examination. Entrance Examination shall be qualifying in nature with qualifying marks as 50%. There will be no negative marking in examination.

**Note:**

\* The syllabus for subject specific paper will be the same as that of RUHS Post Graduation examinations

**4.3 Validity of the Examination**

The validity of the entrance examination will be for a period of one academic year.

**4.4 Interview**

4.4.1 All candidates securing a minimum of 50% marks or more will be declared eligible and may be called for interview according to the number of vacant seats available subject-wise/specialization-wise.

**Note:** [Relaxation of 5% for SC/ST/OBC (non creamy layer) and differently abled persons or categories decided by UGC or those who has obtained their masters prior to 19<sup>th</sup> sept 91.]

4.4.2 Qualified candidates (in order of merit), maximum twice the number of vacant seats shall be called for interview before the Interview Board to discuss their research interest/area and to give a presentation on the same.

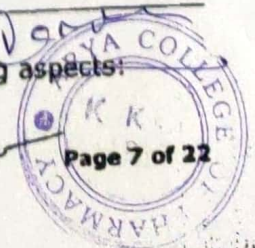
4.4.3 At the time of interview by the expert panel, the candidates are expected to discuss their research interest/s.

4.4.4 The following criteria shall be adopted in interview for evaluating the candidates:-

1. Past Academic record of the candidate	:(Maximum marks)
a) Senior Secondary or equivalent (60% or A*)	: 01
b) Graduation (70% or above-2, 60% or above-1)	: 02
2. Performance in interview.	: 07
<b>Total</b>	<b>: 10</b>

4.4.5 The interview shall also consider the following aspects:

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The candidate possesses the competence for proposed research work.

The research work can be suitably undertaken at the institution/ college/ research centre.

4.4.5.3 The proposed area of research can contribute to new/ additional knowledge.

### 5. Final selection of the candidates & allotment of research guide:

- 5.1 The final merit list will be prepared by adding marks obtained in written test and interview. The number of students, who shall be admitted to the Ph.D. programme, shall be decided by the university according to the vacant seats available with the registered guides at the time of entrance examination/interview.
- 5.2 The final selection shall be made on the basis of merit in the qualifying examination and interview (final merit list).
- 5.3 All admission shall be final subjected to the approval of Research Board of University.
- 5.4 University shall maintain the list of all PhD registered scholars on its website on yearly basis. The list should include all information as stipulated by UGC in the proforma informed vide letter dated 9<sup>th</sup> March 17.
- 5.5 Preference of candidate for supervisor shall be considered. However, recommendation of interview board shall be final.
- 5.6 Research guide allotment shall be done on the basis of merit cum choice by Interview board.

### 6. Norms for Approval of Research Supervisor:

- 6.1 All research work leading to award of Ph.D. degree shall be carried out under the supervision of registered research supervisor(s) of the university either at the university department/institution/constituent colleges or at affiliated P.G. colleges or approved research centres of the university.
- 6.2 Only full time regular teacher working in university/institution/constituent college & affiliated P.G. college can act as a supervisor. The external supervisors are not allowed.

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6.3 For faculty of Medicine & Dentistry any regular professor of the university/institution/constituent college or affiliated college with at least 5 research publications as a first author/corresponding author in referred journals and any regular Associate / Assistant Professor with a Ph.D. degree and at least 2 research publications as a first author/corresponding author in referred journals shall be recognized as research supervisor.

6.4 Minimum 5 Years teaching experience at P.G. level after Ph.D. degree is must for teachers (Professor/Associate Professor/Assistant Professor) of faculty of Pharmacy/Nursing/Paramedical Sciences/Physiotherapy to become registered guide alongwith 5 research publications as a first author/corresponding author in referred journals.

6.5 At any given point of time the research supervisor/ co supervisor shall not be allowed to guide research scholars more than the number as specified below:

Professors:08; Associate Professor: 06; Assistant Professor: 04

6.6 Faculty members working in university/constituent college/affiliated college shall not be allowed to act as supervisor in any other universities.

6.7 A faculty member willing to act as research supervisor shall have to apply through a form, as prescribed by RUHS, for registration as research supervisor through concerned faculty Dean to the research board for approval. The research board shall then notify the name of approved supervisors of the university.

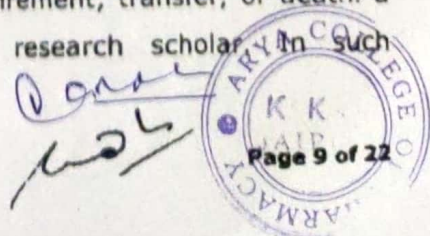
6.8 A person having less than 2 years to superannuate shall not be allotted a new research scholar.

6.9 All the registered research supervisor/guides should follow the directions of the university while supervising the Ph.D. scholar & also shall not refuse from supervising the scholars as allotted by the university to them.

**7. Appointment of Supervisors and Caretaker Supervisors:**

A faculty member appointed as a PhD supervisor is normally expected to be available to a research scholar in the Institution/University till the thesis is submitted. However, under unavoidable circumstances, such as long leave for more than twelve months, resignation, retirement, transfer, or death, a supervisor may not be available to the research scholar in such

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extraordinary circumstances, head of the Institution /Principal will inform the University immediately and appointment of new supervisor(s) shall be regulated as under.

**7.1 Long leave for more than twelve months:**

7.1.1 The supervisor of a candidate proceeding on long leave for more than twelve months can continue to supervise the candidate provided he/she has supervised the candidate for at least two years.

7.1.2 If the thesis has been submitted before the supervisor proceeds on leave, he shall continue to be the supervisor

7.1.3 Further, if a major revision becomes necessary, and the sole supervisor is on leave, he shall be asked to specifically state whether he would effectively help the student carrying out the major revisions within a reasonable period. In case the sole supervisor expresses his inability to do so, then another supervisor shall be appointed. If he provides the required help in carrying out the major revision, he will automatically be treated as a supervisor of that research scholar.

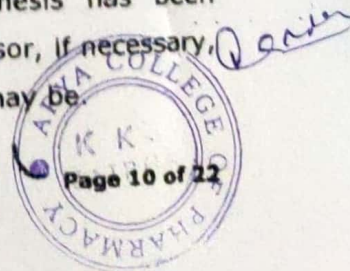
**Note:**

1. If a supervisor proceeds on leave for a period less than 12 months initially, but later extends his leave beyond 12 months, the procedure as per 7(1) shall be followed.
2. Appointment of caretaker supervisor will be done by the university by following the same procedure as followed during the appointment of supervisor.

**7.2 Retirement**

7.2.1 A faculty member who is due to retire within the next two years may be appointed as a co-Supervisor and can continue to be the co-supervisor even after his retirement provided the DRC is convinced of his availability/continued guidance to the student. In other cases, a faculty member on retirement may continue as a supervisor/co-supervisor, if reemployed or appointed as Emeritus Fellow; or, Honorary Professor; or, if the synopsis of the thesis has been submitted. Appointment of another Supervisor, if necessary, shall be as per the guidelines, as the case may be.

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**In case of transfer outside the jurisdiction of the University/Resignation/Death:**

- 7.3.1 The Principal / Head of the Institution will inform the university immediately and a new Supervisor shall be appointed, as per the guidelines at point 6.5, if necessary, by research board on the recommendation of DRC.
- 7.3.2 In case research Supervisor is transferred to a college outside the jurisdiction of the university his/her registration as research supervisor in this university will remain under suspension for fresh registration of candidate till he/she is re-transferred in the college under jurisdiction of this university and he/she may continue to supervise the scholars already allotted to him/her, if DRC recommends same to the research board.
- 7.4 **In case of transfer from existing centre to another centre under the jurisdiction of the university:**
- 7.4.1 If research guide is transferred from the existing allotted research centre to another institute which is also affiliated with RUHS then it should be intimated to the university by the concern scholar/guide through proper channel within a period of one month, failing which the registration of that scholar may be cancelled by university.
- 7.4.2 University may allot a new guide to such scholar from the same centre, if available on recommendation of DRC. In case, another guide is not available at the allotted centre then university may allot another research centre to the scholar where eligible guide is available.

**3 Registration & Enrollment of scholar:**

- 8.2 Selected candidates who have been allotted supervisor for pursuing Ph.D. programme will submit joining report to univ. through proper channel within 15 days of date of issue of allotment letter along with prescribed fees for registration & enrollment & relevant documents. If candidate fails to do so then his/her admission in Ph.D. course stands cancelled.
- 8.3 Selected candidate shall apply to the university, within 15 days of his/her joining at centre, through proper channel for registration & enrollment in the prescribed application form obtainable from the

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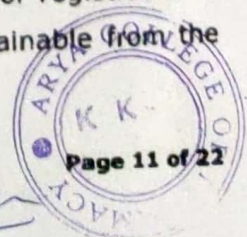
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University on payment of prescribed fee alongwith letter of commencement of course work & relevant documents (P.G. Degree/P.G. Marksheet & Migration Certificate, all original)

- 8.4 Candidate shall be enrolled as research scholar of the university after completion of registration process.
- 8.5 All matters relating to registration and award of Ph.D. degree will be decided and implemented by the Research Board of the university. The Research Board is empowered to give the approval for recognition of supervisor as well as the centre/college/institute of research for Ph.D. programme.

## 9 Departmental Research Committee (DRC) & Its functions:

- 9.1 The DRC shall consist for the DRC members, supervisors (s) and one subject expert (to be appointed by the DRC chairperson from a panel of names suggested by the supervisor).
- 9.2 The Head of Department will be the Chairperson and research supervisor will be the convener of this committee. This committee shall have the following responsibilities:
- 9.2.1 To review the research proposal and finalize the topic of research.
- 9.2.2 To guide the research scholar to develop the study design and methodology of research and identify the course(s) that he/she may have to do.
- 9.2.3 To periodically review and assist in the progress of the research work of the research scholar.
- 9.3 A research scholar shall appear before the Departmental Research Committee (DRC) once in six months to make a presentation of the progress of his/her work for evaluation and further guidance. The six monthly progress reports shall be submitted by the DRC to the university with a copy to the research scholar.
- 9.4 In case the progress of the research scholar is unsatisfactory, the DRC shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures. The DRC may recommend to the university with specific reasons for cancellation of the registration of the research scholar and then research board will take final decision.

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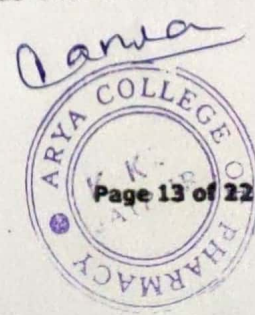


## 10. Course Work

- 10.1 After having been admitted to the Ph.D. programme, each scholar shall be required to undertake course work for a maximum period of one semester (six months). The course work shall be counted in completion of research work.
- 10.2 It shall include two papers, one on research methodology including quantitative methods and computer applications and the other one shall be an intensive review of available literature/research techniques relating to the proposed research area of the Ph.D. scholar.
- 10.3 Candidates undergoing course work are required to obtain a certificate from his/her supervisor to the effect that he/she has successfully completed the course work.
- 10.4 The mode of examination regarding course work would be decided by the concerned departmental Research committee (DRC) and the concern supervisor.
- 10.5 The course work will be offered on self-sufficiency basis to the Ph.D. scholars. If found necessary, the course work may be carried out by doctoral candidates in sister departments/institutes either within or outside the university.
- 10.6 A log book of daily activities and attendance of Ph.D. candidates must be maintained by the research supervisor in the department
- 10.7 The course work shall be examined by internal evaluation of 40% weightage and end term evaluation of 60% weightage.
- 10.8 The internal evaluation shall consist of tests/seminar presentation & shall be conducted by guide and end term examination shall be conducted by Departmental Research Committee (DRC).
- 10.9 The candidate must get minimum 55% of marks or its equivalent grade in the UGC 7-point scale in the course work in order to be eligible to continue in the programme & DRC will inform the university about the result of course work exam within a month period.
- 10.10 Duration of course work shall be maximum up to 6 months. This duration shall be counted in completion of research work. In case a candidate fails in course work examination he shall be allowed to reappear in the next course work examination as the date will be decided by DRC, but not later than 3 months.

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- 10.11 If a candidate fails to clear course work examination in two attempts & then DRC will recommend the university for cancellation of admission of candidate & then Research Board will take the final decision.

## 11 Process For Approval & Submission Of Research Proposal (Synopsis)

- 11.1 After completion of course work each research scholar shall submit his/her research proposal (synopsis) as approved by the allotted supervisor to Head of the Department concerned for consideration of the DRC.
- 11.2 The DRC shall examine the research proposal and suggest suitable modification/alterations, if any. The scholar shall incorporate suggested changes and resubmit the research proposal to the satisfaction of the DRC.
- 11.3 The scholar shall submit duly approved research proposal (four copies in specified format through proper channel within a period of two months from the date of completion of course work, alongwith approval of institutional ethics committee, if required by the DRC) to the Research Board for the final approval.
- 11.4 If at any stage, the scholar wishes to modify the research plan and/or change the title for the synopsis approved earlier, supervisor shall arrange the proposal to be put before the DRC and the scholar shall make a presentation before it with the details of the proposed modifications and its justifications. The DRC shall make appropriate recommendations for final approval of Research Board.
- 11.5 If scholar submits synopsis after the above referred tenure (2 months) synopsis may be accepted only after approval from Hon'ble Vice Chancellor/ Pro Vice Chancellor & Research Board.
- 11.6 If the scholar fails to submit his/her synopsis to RUHS within 6 months of completion of course work the admission of such candidate stands cancelled automatically and he/she will have to reappear in the RUHS Ph.D. entrance examination.

## 12 Performance Monitoring Of Research Work

- 12.1 Submission of progress reports to the university on half yearly basis by the supervisor is mandatory.

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12.2 Progress of the research work of all research scholars in the department shall be reviewed at the end of each semester (6 months) by respective DRC & will informed university through supervisor on regular basis by submitting such progress reports on regular basis.

12.3 As per progress report, if performance of a scholar is very poor. In that case the matter shall be referred to the Research Board for final decision.

### 13 Evaluation of Research Work before Thesis Submission

13.1 Initially the research scholar is required to submit five copies of the thesis in soft binding/spiral binding for evaluation of the thesis to the DRC.

13.2 The research scholar shall also submit the data/software etc used for analysis and deriving the results, to DRC.

13.3 The research scholar shall submit eight copies of the summary to the DRC for presentation of pre-thesis submission seminar.

13.4 The pre-thesis submission seminar shall be adequately notified by supervisor so as to enable interested faculty members and students to attend it.

13.5 DRC shall assess the work through a pre-thesis submission seminar. The research scholar can submit the thesis to university only, if the DRC is satisfied about the quality of the work for submission as a PhD Thesis. The DRC Chairperson (HOD) shall forward recommendations to Research Board through proper channel.

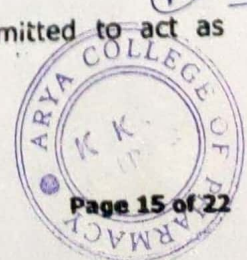
### 14 Panel of Examiners for Evaluation of Thesis

14.1 Research Board of University shall prepare an exhaustive panel of experts in various subject areas from outside the state. The examiners should be eminent experts in the subject areas of the research scholar's thesis with proven record.

14.2 Hon'ble Vice Chancellor or Pro Vice Chancellor shall be authorized to send the thesis to two experts out of the list prepared. However, he shall be authorized to add more experts and send thesis for evaluation.

14.3 No close relations of candidates shall be permitted to act as examiners.

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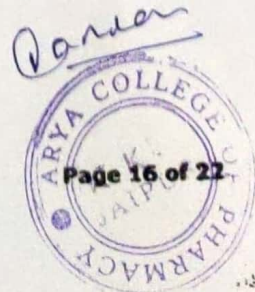




## 15. Thesis Submission/ Requirements for Ph.D. thesis submission

- 15.1 The supervisor shall inform the university that the thesis is ready for submission he/she shall make sure that the thesis is presentable in all its aspects and shall forward the brief summary of the thesis to the university.
- 15.2 For submission of thesis by candidate it is mandatory to take no dues certificate/permission from RUHS, Jaipur without this no dues certificate/permission, university will not accept the thesis.
- 15.3 A "no dues" certificate duly signed by the supervisor, Head of the Department and Principal of the College shall be required for submitting the Thesis alongwith course completion/attendance certificate & etc.
- 15.4 While submitting for evaluation the thesis shall have an undertaking from the research scholar and a certificate from the Research Supervisor attesting to the originality of the work, vouching that there is no plagiarism and that the work has not been submitted for the award of any other degree/diploma of the same institution where the work was carried out or to any other institution.
- 15.5 If the supervisor considers that the knowledge of a particular language is necessary for doing Research the candidate shall not be permitted to submit the thesis unless he/she undertakes a test in that language.
- 15.6 A research scholar may be permitted to submit his thesis only if he has published at least two papers on his research work in referred International/National journals as first author and in addition has presented two papers in National/International Conference (certificate to be enclosed).
- 15.7 The thesis shall bear evidence of the research scholar's capacity for analysis and judgment as well as his ability to carry out independent investigation, design or development. No part of the thesis or supplementary published work shall have been submitted for the award of any other degree or diploma.
- 15.8 The candidate may incorporate in his thesis, contents of any of his published papers and he state this in unambiguous terms in the relevant part of the thesis.

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15.9 The thesis shall be written in English in the specific format and shall contain a critical account of the research work carried out by the research scholar. It shall be characterized by discovery of facts or fresh approach towards interpretation of facts and theories or significant contribution to knowledge or development or a combination of these.

15.10 Candidates are required to submit four printed or typed copies of his/her Ph.D. thesis through proper channel in the prescribed colour mentioned as under:-

a. Faculty of Medicine	:	Dark Blue
b. Faculty of Dentistry	:	Brown
c. Faculty of Pharmacy	:	Light Green
d. Faculty of Nursing	:	Cream
e. Faculty of Physiotherapy	:	Yellow
f. Faculty of Paramedical Sc.	:	Red

15.11 Candidates while submitting the thesis to the University are required to follow the following aspects regarding paper size, text layout etc :

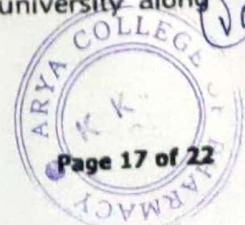
15.11.1. Size of paper should be A4/quarter, 210 mm (8.5"x11.5") except for maps, drawing, graphs on which no restriction is placed.

15.11.2. The text should be typed leaving a margin of 4 cm on left hand side and 3 cm on right hand side as well as 3 cm at the top and 3 cm at the bottom.

15.11.3. The text should be typed in 1.5 line spacing using normal typeface/electronic typing/PC word processing in 12 font size of Arial/Times New Roman (Devnagri) comparable font size should be used. References should be in Vancouver style.

15.11.4. Likewise, cover layout should also be specified. Affiliation of the supervisor could be added but it should not contain administrative designation like head of the Department/Dean of the Faculty, etc.

15.11.5. Contents and text of the thesis should also be submitted in four sets of CD to the university along with four hard copies of the thesis.





15.12 In case a candidate does not submit his/her thesis within the specified time period then he/she will not be permitted to submit the thesis and his/her registration will be cancelled by the university.

## 16 Evaluation of the Thesis

- 16.1 The thesis shall be evaluated by three examiners including the Internal Examiner i.e. the Research Supervisor and two external examiners appointed by university.
- 16.2 The entire process of evaluation of PhD thesis shall be completed within a period of six months from the date of submission of thesis.
- 16.3 Each examiner shall be requested to submit a detailed assessment report and his recommendations on the prescribed form to the Registrar within three months of the date of receiving the thesis.
- 16.4 In the event of the thesis report not being received from an examiner within a period of three months; the Registrar may seek approval of Hon'ble Vice-Chancellor or Pro Vice-Chancellor for appointment of another examiner.
- 16.5 Examiners shall examine the thesis individually with a view to judge whether the thesis is a piece of research work characterized by;
- 16.5.1 Discovery of facts, and/or
  - 16.5.2 A fresh approach towards interpretation and application of facts or theories, and/or
  - 16.5.3 Distinct advancement in technology/science/techniques etc.
- 16.6 The examiner shall be required to give his opinion about research scholar's capability for critical examination and sound judgment. All examiners shall submit the reports on the prescribed format clearly indicating one of the following four definite recommendations:
- 16.6.1 The thesis is recommended for the award of Ph.D. after viva-voce examination.
  - 16.6.2 The thesis is recommended for the award of PhD Degree subject to the research scholar giving, satisfactory answers to queries, specifically mentioned in the report, at the time of Viva-voce examination, or incorporation of suggestions, modifications, and corrections if any.



16.6.3 The research scholar be allowed to resubmit his thesis in the revised form.

16.6.4 The thesis is rejected.

16.7 The University shall take a decision on the basis of recommendations of the examiners according to table given below:-

S.No.	Recommendation of External Examiners		Decision
	1	2	
1.	Accept	Accept	Thesis Accepted for Viva Voce
2.	Reject	Reject	Thesis Rejected
3.	Accept	Reject	*A
4.	Revise	Reject	*B
5.	Revise	Revise	*C
6.	Revise	Accept	

**\*A** If the thesis is recommended to be rejected by one of the two examiners, third examiner (From the same category as laid down in) shall be appointed from the approved panel of examiners. In case the third examiner, after evaluation recommends.

I Rejection, the thesis would be rejected.

II Acceptance, the thesis would be accepted after the viva-voce is conducted.

III Revision, the thesis would be suitably revised with in a period of one year and resubmitted to the same examiner for revaluation, till acceptance/rejection, and thereafter Table as above shall apply accordingly.

**\*B** If the thesis is recommended to be rejected by one examiner and second has suggested for revision in the thesis, the thesis shall not be accepted. However, the research scholar may be allowed to resubmit the thesis normally within one year, provided the title of the thesis remains unchanged. Then after normal procedure will be followed for the thesis evaluation.

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The thesis would be suitably revised, within a period of one year, for re-evaluation by the examiner(s) (who has or have recommended revision) till acceptance/rejection, and thereafter table as above shall apply accordingly.

- 16.8 Thesis after successful completion should be uploaded on website as per UGC norms.
- 16.9 In case of ambiguous recommendations by the examiner, University will approach the examiner for a clear recommendation. In case clear recommendation is not forthcoming, the matter may be referred to the Vice-Chancellor/ Pro vice-chancellor for his decision.
- 16.10 Any doubt, arising out of following the procedure laid down, shall be referred to the Hon'ble Vice Chancellor/Pro Vice Chancellor for the decision.

## 17 Award of Ph.D. Degree

- 17.1 The examiner shall be requested to send their detailed evaluation reports on the thesis normally within three months of the receipt of the same by them.
- 17.2 The examiners shall send their reports independently to the Registrar by name marked "Confidential".
- 17.3 On receipt of satisfactory evaluation reports the scholar shall undergo a viva-voce examination at allotted research centre (affiliated to RUHS) which shall be conducted by external examiner appointed by Hon'ble Vice Chancellor/Pro Vice-Chancellor and supervisor in the presence of HOD, faculty members and students. The candidate will openly defend his/her thesis.
- 17.4 In the first instance, if all the examiners who have evaluated the thesis as well as those conducting the viva-voce examination recommend the award of degree to the candidate, the degree shall be awarded upon approval of Hon'ble Vice Chancellor.
- 17.5 On successful completion of the evaluation process (recommendation of external examiner and supervisor) and approval by the Hon'ble Vice Chancellor, University shall issue a Provisional Certificate certifying to the effect that the degree has been awarded in the provision of UGC Regulation 2016.
- 17.6 Original Ph.D. degree to the eligible scholars will be distributed during the convocation ceremony of the university. If a candidate



fails to attend the convocation then the candidate/a person authorized by the candidate may collect his/her original degree from the university office.

### **18. Depository with INFLIBNET**

- 18.1 Following the successful completion of the evaluation process and before the actual award of Ph.D. degree, the university shall submit an electronic copy of the Ph.D. thesis to the INFLIBNET for hosting the same so as to make it accessible to all Institutions/Colleges.
- 18.2 Prior to the actual award of the degree, the university shall issue a provisional Certificate to the effect that the Degree has been awarded in accordance with the provisions of the UGC regulations, 2016

### **19. Incentive to Research Supervisors**

- 19.1 University shall make suitable provisions for accelerating and creating conducive environment for promotion of research in the university.
- 19.2 University shall promote teachers to submit research proposal getting funds from UGC /AICTE/ DST etc.
- 19.3 Each Research Supervisor shall be credited a load of 2 periods/week to his/her teaching load irrespective of number of candidates working under him.

### **20. To Improve quality of R&D**

- 20.1 The efforts for R&D should lead to benefit society directly/ Indirectly.
- 20.2 Departments shall identify research areas and form research groups consisting of faculty members having common specializations and research interests.
- 20.3 Departments shall interact with industries to take inputs to define R&D problems. Outcome of such type of R & D efforts may lead to Technology Transfer to industries for improving processes or productions of new products/new innovation.
- 20.4 The R & D activities shall lead to bring external cash flow (ECF) through consultancy and testing, technology transfer/transfer or

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resources out come, etc. which may be utilized for further development of department and the institute.

20.5 The R & D activities shall lead to file patents at national and/or international level.

**21. Incentives to Research Scholars**

21.1 Full time scholars may be provided, teaching assistantship as per the UGC norms.

21.2 Admission in part-time category may be granted to in-service candidates having a minimum professional experience of one year after his /her PG University degree.

21.3 PhD programme in subject areas of inter-disciplinary nature may be allowed. This kind of research should be given due weightage in promotions/ selections also.

21.4 Universities may set up research centre in the institutes under their jurisdiction where research guide and research facilities are available.

21.5 Ph.D. candidate may seek for funding from ICMR/UGC/DBT/DST/CSIR, etc. for pursuing research work.

**22. Recognition of Research Centre**

Institutions, where P.G. courses are not running at present but recognized guides are available, may apply to RUHS to be recognized as research centers for Ph.D. University may consider such cases after due inspection of infrastructure, research facilities, faculty etc. The fee etc. for this may be decided by competent bodies/authorities of RUHS

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