

K.L.E.'s



**P. C. JABIN SCIENCE COLLEGE (AUTONOMOUS),
HUBBALLI**

**Draft Regulations Governing Doctoral
Degree Programme (Ph.D) under
Autonomus Mode**

2019-20

KLE's P. C. Jabin Science College (Autonomous)

Draft Regulations for Governing Doctoral Degree Programme (Ph.D.)

Preamble:

The regulations governing the Ph.D programme in P.C. Jabin Science College, Hubballi are drafted according to UGC (Minimum Standards and procedure for Award of M.Phil/Ph.D Degree) Regulations 2009 (Notification No. F.1-1/2002 (PS) Exemp dated 1st June 2009 and also letter No. F.I.I-2002 (PS) Exemp.dated 12th June, 2009). These regulations issued by the UGC are mandatory in nature and all the Universities and autonomous colleges in India are required to comply with the same and as per the UGC regulations for Autonomy 2018.

Meanwhile, the Karnataka State Higher Education Council has constituted a Committee under the Chairmanship of Prof. T.C. Shivashankara Murthy, Vice-Chancellor, Mangalore University, Mangalore Vide "Notification No. KSHEC/Committee/2010-11/369, dated 07.12.2010" to frame Common Regulations for conducting Doctoral Programme in Universities of Karnataka State. The Committee submitted its report on 03.06.2011.

With reference to these notifications, P.C. Jabin Science College (Autonomous), Hubballi formulated a comprehensive set of regulations governing the Ph.D programme under different faculties with an endeavor to emerge as a World Class Institution. Hence, the following Regulations:

Commencement

These regulations shall come into force from the date of assent of Academic Council and approved by Governing body for Autonomy.

Title

These regulations shall be called “P.C. Jabin Science College (Autonomous) Regulations Governing the Doctoral Degree Programme (Ph.D)-2019-20 onwards”

Application

These Regulations shall be applicable to the Ph.D Programmes offered in PG Departments in different subjects in the faculties of Science from time to time.

Salient Features

1. Admission shall be based mainly on the Entrance Test (except in case of exempted candidates) and interview duly following the merit-cum-reservation policy of the State Government
2. Only the predetermined number of candidates shall be admitted to the Programme
3. Allocation of Research Supervisor for selected candidate shall be decided by the Doctoral Committee in a formal manner depending on the number of vacancies per Faculty member, the available specialization among the faculty supervisors and the candidate’s research interest as indicated by the candidate during interview
4. The selected candidate has to undertake “Course Work” which shall be treated as pre-Ph.D preparation
5. Research work may be carried out either on full-time or part-time basis
6. Thesis shall be adjudicated by the Board of Adjudicators consisting of three examiners (including the Research Supervisor), out of which preferably one shall be from outside the state/Country.

Definitions

In these regulations, unless the context requires otherwise or it is specifically so defined, the definitions of the terms are as follows

1. **College** means College established and incorporated under UGC 2f & 12B
2. **Degree** means the Degree of Doctor of Philosophy (abbreviated as Ph.D)
3. **Fee** means the fee prescribed by the College for Ph.D programme
4. **Entrance Test** means the test taken by the applicants who seek to qualify themselves for registration for Ph.D programme
5. **Pre-registration Colloquium** means the presentation of the Ph.D proposal/outline prepared by the candidate before the Doctoral Committee to Prove his/her preparedness to take up the research work
6. **Course work** means the courses prescribed as a part of the Ph.D programme and which all the candidates shall successfully complete as a pre-requisite to pursue the Ph.D programme
7. **Research Supervisor/Supervisor** means the qualified teacher recognized by the College as Research supervisor/supervisor to supervise the candidates in their Ph.D programmes
8. **Co-supervisor** means the recognized Research supervisor who supervises an inter-disciplinary Doctoral Thesis of a candidate as the second supervisor along with the Research supervisor
9. **Department Council** means the council comprising the teachers of the College Departments who possesses the Ph.D Degree
10. **Doctoral Committee** means the Committee constituted by the College to assess and recommend the applications on the basis of suitability of the Ph.D applicant's research proposal for registration, and also to review the progress of the candidates, and to permit

the candidates to submit the thesis after reviewing the work of the candidates in the pre-submission colloquium

11. **Board of Studies** means the Board of Studies (Post-Graduate) of the College, in the discipline/subject concerned
12. **Research Proposal/Outline** means a write-up on the proposed research work which shall be submitted by the candidate along with the application for confirmation of the registration for Ph.D Programme
13. **Synopsis** means the synopsis of the completed research work which shall be submitted by the candidate
14. **Sponsored Candidate** means those permanent employees of educational and/or research institutions and organization of public/private sectors deputed to pursue Ph.D including the permanent teacher on FIP/QIP
15. **Foreign Candidates** means those who are foreign citizens and who have completed their Master's degree or equivalent degree recognized by UGC as equivalent to P.G. Degree from a recognized foreign or Indian University/Institution
16. **Academic Council** means Academic Council constituted as per UGC guidelines for Autonomy
17. **Refereed/Reputed Journals** means a professional journal or publication in which articles or papers are selected for publication by a panel of referees who are experts in the field.

1. Ph.D. offered in the following subjects with respective Cognate subjects

Subjects	Cognate/Core
Biotechnology	Allied life science subjects (Botany, Zoology, Microbiology, Biotechnology)
Chemistry	Chemistry
Computer Science	Computer Science, Statistics, Mathematics., MCA
Physics	Physics, Electronics

2. Eligibility to apply for admission to Ph.D. Programme

- 2.1.** Any candidate who has obtained a Post-Graduate Degree from a recognized University including foreign candidates (sponsored by their Embassies) and sponsored candidates securing not less than 55% (50% for SC/ST/Cat-I/Physically challenged candidates) at the Post-Graduate Degree shall be eligible to apply for the Ph.D., Degree Programme.
- 2.2.** In the case of those candidates who are appointed on regular basis prior to March 31, 1992 as teachers, librarians and physical education personnel in colleges and University Departments, the minimum marks shall be 50% (45% for SC/ST/Cat-I/Physically challenged candidates) provided they (i.e., employees) are continuing in service at the time of submission of application for registration.
- 2.3.** Candidate working on regular basis elsewhere, needs to produce a No objection Certificate duly signed by the head of the institution at the time of interview
- 2.4.** If the case of Master's Degree are declared in the form of grades/credits/cumulative points in their marks cards/transcripts, such grades/points shall be converted into

percentages to assess the minimum eligibility criteria as specified above in Regulations 2.1 and 2.2

3. Entrance Test

- 3.1. All the applicants who possess the minimum percentage of marks at their P.G. Degree as specified above in Regulations 2.1 and 2.2 shall appear for the entrance test.
- 3.2. However, (a) Government sponsored foreign candidates, (b) candidates who have cleared the UGC/UGC-CSIRJRF-Test/NET/KSET(Karnataka)/M.Phil (on regular basis from UGC recognized institutions, admitted through Entrance Test shall be eligible for exemption from the entrance test)
- 3.3. All the Departments shall consider the following for conducting Entrance Test:
- 3.4. Maximum marks for Entrance Test: 100
- 3.5. Nature of questions: Multiple Choice Questions
- 3.6. Mode of Examination: OMR/Digital
- 3.7. Syllabus for Entrance Test: Research Methodology and Cognate/Core subjects of the P.G Department conducting the Entrance Test.
- 3.8. Number of Questions: 100 questions, each carrying 1 mark, 50% of the questions shall be from Research Methodology and the remaining 50% from the cognate/Core subjects. The Department Council shall prepare the course inputs for the Entrance Test.
- 3.9. The 50 Questions on Research Methodology shall consist of data interpretation, language comprehension and test of aptitude and reasoning. The other 50 Question shall be based on cognate/core subjects
- 3.10. The departmental council shall prepare two sets of question paper and submit the same to the Controller of Examination

- 3.11. The Controller of Examination shall choose randomly one of the two sets.
- 3.12. Duration of Entrance Test: 120minutes.
- 3.13. After evaluation of the scripts (OMR Sheets), the Controller of Examination shall send the marks list to the Head of the concerned P.G. Department who shall prepare and notify the merit list of qualified candidate indicating the date and time of the interview.
- 3.14. No Research Supervisor shall be involved in the Ph.D. Entrance test, if his/her relative has applied for the Ph.D. program.
- 3.15. The marks of candidates at the Entrance Test are valid only for the concerned academic year.

4. Modes of the Ph.D Programme

- 4.1. A candidate may register either for Full-time or part-time Ph.D. Programme.
- 4.2. Full-time Ph.D programme shall be undertaken by an eligible candidate who will work on regular basis in the department till the submission of the thesis.
- 4.3. Part-time Ph.D programme shall be undertaken by an eligible candidate who does not prefer to pursue research on regular basis in the department till the submission of the thesis.
- 4.4. A teacher fellow (on QIP/FIPProgramme) shall work on a regular basis in the Department during the period of Fellowship.

5. Doctoral Committee

- 5.1. There shall be a Doctoral Committee in each P.G. Department of Studies constituted by the Autonomous College for the purpose of smooth conduct of Ph.D. programme.

The Committee shall comprise:

- Principal Chairperson
- Dean Academic Affairs Coordinator
- University Nominated member of BoS Member
- Chairperson of P.G. Board of Studies Member
- All Research Supervisors of the Department Members

5.2. The Committee shall meet as and when necessary. The Head of the concerned P.G. Department shall convene the meeting in consultation with the Chairperson and the Coordinator of the Doctoral Committee.

5.3. The quorum for the Doctoral Committee shall not be less than 2/3 of the total composition of the Doctoral Committee for the respective meeting.

6. Duties and responsibilities of Doctoral Committee

- 6.1. Allotment of candidates to the research supervisors
- 6.2. To conduct pre-registration colloquium.
- 6.3. To consider the half yearly progress reports of registered candidates forwarded by the supervisor and Head of the P.G. Department.
- 6.4. To conduct the pre submission colloquium and to accord permission for the submission of Ph. D. thesis.
- 6.5. To consider the change of supervisor and modification of Title of the thesis.
- 6.6. To carry out such other duties as the Autonomous College may entrust from time to time in connection with the Ph.D. programme.

7. Notification of vacant seats

- 7.1. The Autonomous College shall issue a circular, once in a year to all the P. G. Departments directing them to submit the list of available seats under each supervisor as well as total number of seats available in the department

- 7.2. The research supervisors shall decide the number of vacant seats with them abiding the regulations of the Autonomous College and submit the same to Head of the Department
- 7.3. The Autonomous College will authenticate the list submitted by all the P. G. Departments before notification
- 7.4. The Autonomous College shall issue a notification of application for registration to the Ph.D programme (full-time and part time) in Autonomous College website/leading news papers
- 7.5. The notification shall contain information about
 - 7.5.1. The date of issue of application
 - 7.5.2. The last date for the submission of application
 - 7.5.3. Number of seats available in each department
 - 7.5.4. The date and venue for the entrance test
 - 7.5.5. The date of announcement of results (in Autonomous College website and notice board and results shall not be intimated to individual candidates)
 - 7.5.6. The dates of interview and announcement of final selection list
- 7.6. Submission of applications and their processing:
 - 7.6.1. Candidate shall submit the application to the Head of the institution in prescribed format – coded as Application-A
 - 7.6.2. Head of the institute shall call a meeting of all heads of the departments and all research supervisors for scrutiny of applications – in making decisions about candidates disqualification/ candidates exempted from the entrance test shall be taken
 - 7.6.3. The eligible candidates shall be called for entrance test

7.6.4. Then proceeds like; entrance test – announcement of results – interview -
announcement of selection list

7.7. Head of the department shall send the applications of selected candidates along with the recommendations to the head of the institute for provisional registration

7.8. After the completion of the course work and pre-registration colloquium, the successful candidates shall submit the application to the head of the department who shall forward the same to the head of the institute for confirmation of registration for Ph.D programme

8. Preparation of Merit list of successful candidates

8.1. The candidates, who have cleared the UGC-JRF/UGC-CSIR-JRF/NET/KSET (Karnataka) shall be placed first in the Consolidated Merit List based on their percentage of marks secured by them in at their qualifying examination.

8.2. After the Entrance Test, Merit List of the candidates shall be prepared as per Merit of the marks secured in the entrance test and marks obtained in the qualifying examination in the ratio 50:50.

8.3. Names that appear in the Merit list shall be considered for the present vacancies only.

8.4. Attending the interview is mandatory; Eligibility to appear for the interview shall not be construed as confirmation of registration for Ph.D.

9. Allotment of research Supervisor /Guide

9.1. The total number of seats available in the department shall be divided equally among the candidates who are exempted from Entrance Test and those who have appeared for the Entrance Test. The vacant seat shall be interchangeable.

9.2. After the finalization of Merit lists, the principal of the Autonomous College shall convene a meeting of the Doctoral committee to allot the candidates to the research

supervisors based on merit-cum-reservation, specialization stream of the candidates and the research supervisors.

- 9.3. After the Allotment of the candidates to the Supervisors, the candidates shall finalize the research topic/ title in consultation with the Research Supervisor.

10. Course Work

- 10.1. Registered full-time and part-time Ph.D., Candidates shall undertake course work of one semester (16 weeks), normally in the Parent Department within one year from the date of provisional registration, failing which his/her registration shall be cancelled. However, if it is found necessary, course work may be carried out by doctoral candidates in sister Departments/Institute/ research centres recognized by the University for which due credit shall be given to such candidates.
- 10.2. The course work for Ph.D programme shall comprise of three papers of 100 marks each, viz., Course-I: Research Methodology, Course-II: Cognate/ core subject/s and Course-III: Area of research. This shall be followed by comprehensive Viva-Voce for 50 marks. However, it shall be noted here that Course-I and II are common for all the candidates in the particular Department/Subject/Discipline.
- 10.3. Each course shall have 48 contact hours. Classes for Courses-I and II shall be arranged by the Chairperson of the P.G. Departments/Head of the recognized research centres, and that of Course –III by the concerned Research Supervisor. Both the full-time and part-time candidates shall attend at least 75% of the classes in each paper to be eligible to appear for the examination.
- 10.4. The syllabus of Paper-I and II shall be framed by the concerned Department consisting of the Chairperson of the respective Department as Chairperson, two Research Supervisors based on seniority (including one Research Supervisor belonging to SC/ST Category wherever available). The syllabus of Paper-III shall

be framed by the concerned supervisors. The syllabi shall be placed before the concerned BOS for consideration and approval.

10.5. The candidates who fail to attend a minimum of 75% of the classes in each of the Courses shall not be eligible to appear for the examination and his/her provisional registration stands cancelled.

10.6. The following shall be the structure of Course-work for Ph.D programme

Sl. No	Name of the Course	Contact Hours/week	Maximum Marks			Examination hours
			Continuous Assessment (IA)	Course End Examination	Total	
01	Course-I: Research Methodology	03	50	50	100	02
02	Course-II: Cognate/core subject	03	50	50	100	02
03	Course-III: Area of research	03	50	50	100	02
Total		09	150	150	300	
Viva-Voce					50	
Grand total					350	

10.7 Continuous Internal Assessment (IA) marks of the course work shall be awarded based on (a) Assignments-10 marks, (b) Seminar-10 Marks and (c) Tests-30 marks

Paper	Internal Assessment Components (Marks)				
	Test-I (15M)	Test-II (15M)	Seminar (10M)	Assignment (10M)	Total
Course-I: Research Methodology	5 th week	9 th week	12 th week	14 th week	50
Course-II: Cognate/core subject	5 th week	9 th week	12 th week	14 th week	50
Course-III: Area of research	5 th week	9 th week	12 th week	14 th week	50

10.8. The question paper (in two sets) of Paper-I and II of the semester-end examinations shall be set by the BOE (vide regulation 9.4). The concerned supervisors shall set the question paper/s (in two sets) in respect of Paper III. The manuscripts of the question papers shall be submitted to the Controller of Examination. Out of the two sets of the question papers of each paper, one shall be chosen randomly by the Controller of Examination

10.9 The semester-end examination shall be conducted in the 17th week and evaluation completed and results announced by the 18th week.

11. Examination and Evaluation of Answer Scripts

11.1 There shall be a Course-end Examination of two hours duration (for 50 marks per course)

11.2 The Chairperson of the P.G. Department shall conduct the examination for all the candidates (i.e. including those who are working for Ph.D in other institutions) in the Department

11.3 Each answer script of the Course-end-examination shall be coded and assessed by two examiners (one internal Course Teacher and another External- appointed by the Controller of Examination from the panel of examiners submitted by the Chairperson of the BOE). The marks awarded to the answer script shall be the average of these two evaluations.

11.4 If the difference in the marks between two evaluations exceeds 20% of the maximum marks, such a script shall be assessed by a third examiner appointed by the Controller of Examination from the panel of examiners submitted by the Chairperson of the BOE. The marks awarded to that script shall be the average of two nearer marks out of the three evaluations.

12. Minimum pass Marks and Improvement Examinations

- 12.1 The BOE shall prepare the result sheet and submit it to the Controller of Examination who shall then declare the results and issue marks cards
- 12.2 Minimum for pass in each written paper shall be 40% in the course-end-examination and 50% in aggregate including the continuous internal assessment marks. However, there shall be no minimum for Viva-Voce as well as IA marks. Every candidate shall compulsorily attend the Viva-Voce examination conducted by respective Research Supervisor and concerned Chairperson of the Department.
- 12.3 Failed candidates shall be allowed to reappear for the Ph.D Course work examination only once within three months of the first examination. In case of failure of the candidate even after the re-examination, his/her provisional registration shall be cancelled. There is no provision for improvement of IA marks

13. Confirmation of Registration

- 13.1 After the completion of course work, Ph.D candidate (full-time/part-time) are required to submit their research proposals on the chosen topic to the Doctoral Committee in the prescribed format framed by the respective Faculty, but not later than a year from the date of provisional registration.
- 13.2 The Chairperson of the P.G. Department, shall arrange the meeting of the Doctoral Committee and place the research proposals
- 13.3 The candidate shall prepare the research proposal/outline defining clearly the objectives, methodology, literature survey, work plan and relevance of the proposed research and shall present a pre-registration colloquium before the Doctoral Committee.

- 13.4 The Doctoral Committee shall assess the preparedness of the candidate to take up the proposed research work and recommend for the approval. However, the Committee is empowered to suggest changes, if necessary, in the title/scope/methodology of the proposed research topic/outline in consultation with the supervisor.
- 13.5 On receipt of the research proposals approved by the Doctoral Committee, the Chairperson of the P.G. Department shall forward them with Application to the College for Confirmation of Registration.
- 13.6 The College shall confirm the registration within fifteen days from the date of receipt of the letter from the Department which is in the form of permission to start working on the thesis.
- 13.7 If minor modifications (like adding new words to or deleting words from the original research topic or changes in the placement of words in the topic) are found to be essential after the issue of Registration Certificate, such changes shall be approved by the Doctoral Committee and intimated to the College through the research Supervisor and the Chairperson of the P.G. Department only at time of submission of the synopsis of Ph.D thesis.
- 13.8 No candidate shall be permitted to register for Ph.D degree on a problem which has been already offered for a research degree in this or any other College.
- 13.9 No. Ph.D candidate shall be permitted to join any degree course, except Part-time courses like Diploma, Certificate Courses, etc., during the period of Ph.D Programme.
- 13.10 No Full-time research candidate, whether he/she receives scholarship or not, shall accept any assignment other than teaching in the College Department/College till

he/she submits Ph.D thesis. There shall be no remuneration for such teaching assignment.

14.0 Place of course work and research work

14.1 All the registered candidates shall complete the course work and Research Work in the P.G Department of the Autonomous college or in the Laboratory/ Institution or in the affiliated/constituent college (wherein the Research Supervisor is working) recognized by the College as research Centre. This shall apply to all types of candidates.

14.2 Where a candidate, whose registration is confirmed and who has completed at least one year from the date of registration, desires to leave the jurisdiction of the College and continue to carry out his research work in an Organization/ University/Institute/ Laboratory which has facilities for the concerned research, the candidate may be permitted to do so by the College and to continue registration on the recommendation of the concerned Supervisor and Doctoral Committee.

14.3 Part-time candidates shall work for at least 45 working days per year in the Department of the Research Supervisor (180 days for the Whole research period). Such candidates shall give an undertaking to this effect at the time of submitting the application for registration. The concerned Department shall maintain an attendance register for these candidates.

15. Validity Period of Registration

15.1 Every Full-time Ph.D candidate shall work for a minimum period of three years (two and half years in case of candidates with M.Phil degree) from the date of registration. The Part-time Ph.D candidate, however shall work for a minimum period of 4 years (three and a half years in case of candidates with M.Phil degree).

15.2 The Full-time Ph.D candidate shall complete the research work and submit the thesis for evaluation within a maximum period of five years from the date of registration.

In case of Part-time Ph.D candidate, the maximum period for submission shall be six years.

a. In exceptional cases, extension beyond the above maximum period may be granted by the College on the recommendation of the research Supervisor and Doctoral Committee for justifiable reasons for a period of time not exceeding one year after the candidate applies for extension before the expiry of the period and pays the prescribed fee.

b. The women candidates and Persons with Disability (more than 40% disability) are allowed a relaxation of two years for Ph.D. in the maximum duration with regular fee. In addition, the women candidates may avail Maternity Leave/Child Care Leave once in the entire duration of Ph.D. as per Government rules and regulations.

c. Under extraordinary circumstances by which a candidate is affected and such circumstances warranting a further extension of period for submission of thesis, the candidate shall make an appeal before the expiry of the extension period to the Head of the Department of the P G Department through the Research Supervisor, and the Head of Department of the P G Department shall refer the same to the Doctoral Committee for its opinion. The opinion of the committee shall be submitted to the Chairperson by the Head of Department of the P G Department for consideration and the decision shall be final and limited to only one year. Candidates who fail to submit the thesis even after the extended period shall repeat the programme by registering again.

d. The full-time Ph.D candidate shall sign in the attendance register on day-day basis except during the period of field work duly permitted by the research Supervisor. Such Ph.D candidate shall maintain 75 % attendance in each term. If the candidate goes on field work, he/shall submit the report to the College through the research Supervisor and Head of the Department. Such period of field work shall be taken into consideration while computing the percentage of attendance.

15.3 The Full-time candidate working under the guidance of recognized Supervisors at Affiliated/Constituent Colleges/Research Institutions/Organizations shall maintain their attendance at the place of Research Supervisor/Co-Supervisor and the same shall be submitted to the College through Research Supervisor/Co-Supervisor with due counter signature by the Principal/ Head of the Respective College/Institute. All correspondence by these candidates with the College shall be made only through the research Supervisor and Head of the department, with due counter signature of the Principal/Head of the Institute/College.

15.4 If the Full-time/ Part-time research candidate remains absent due to unexpected events like, accident prolonged ill health etc., during period of research work, such absence shall be within a week by the research candidate through the Research Supervisor who in turn should intimate to the institution Principal through the Head of the Department.

16.0 Provision for change of Registration from Full-time to Part-time Ph.D. Programme and vice-versa.

A candidate admitted to Full-time Ph.D Programme may be permitted to change to a Part-time Ph.D Programme, on request, provided the candidate produces

- (i) “No Objection Certificate” from the Head of the Institutional/Organisation in which he/she has reported
- (ii) “Service Certificate” issued by the employer and
- (iii) “Letter of Undertaking”. However, for determining the duration of the programme, the period of study spent as a Full-time candidate shall be deducted from the maximum duration of time permissible for part-time candidate. Further, under circumstances where research candidates need to relocate themselves, the change may be permitted on the recommendation of the Doctoral Committee.

Similarly, a candidate admitted to a Part-time programme may be allowed to change his/her registration to full-time programme on the recommendation of the Doctoral committee. However, for determining the duration of the programme, one-half of the period of study spent as Part-time will be counted.

17 Progress Report

17.1 After the confirmation of the registration, every candidate shall submit half-yearly progress report regularly till the submission of the thesis through the Research Supervisor to the Head of the Department who shall place it before the Doctoral Committee for its review. The half-yearly Progress Report should cover, among others, the aspects such as the review of literature, new data collected/obtained, techniques developed, progress in research, discussion of the work done including any findings.

17.2 Besides, the candidate shall make a presentation once in a year to the Doctoral Committee about the progress made by him/her during the last one year and also the

work plan for the next one year. Such report shall be forwarded to the Autonomous Institute.

17.3 If a candidate fails to submit two consecutive half-yearly progress reports in time and/or if the progress of the candidate is not satisfactory for two terms, the Doctoral Committee shall recommend to the College for cancellation of his/her registration in consultation with the concerned Research Supervisor. However, in all such cases, the candidate must be heard.

18. Procedures for Recognition of Research Supervisor/Guide

18.1 All Professors, Associate Professors and Assistant Professors in P.G/U. G departments of the college shall eligible to supervise Doctoral candidates. However, they have to apply to the Principal through the Head of the department for the purpose of getting formal recognition.

18.2 Assistant Professors in the P.G/U. G departments of the college who have Doctoral degree in the relevant/cognate subject and have at least two publications in refereed/reputed UGC CARE list of journals after Ph.D., shall be eligible to be recognized as Research Supervisors in their subjects provided, they have at least three-year teaching experience on regular basis. In addition, the Doctoral committee shall satisfy itself that the person has a sustained record of independent Post-Doctoral Research and publications

18.3 No teacher shall become Research Supervisor in two subjects. A Research Supervisor shall not opt to become Co-Supervisor for more than five candidates at any given point of time.

18.4 Research Supervisor shall be allotted/allocated research candidates, provided they have not less than two years of service prior to the date of their superannuation.

18.5 In case of such Research Supervisors who have less than two years of service prior to the date of their superannuation and are Principal Investigators in ongoing Major Projects with Research Assistants, they shall act only as Co-Supervisor for those Research Assistants who are working in the Concerned Project.

19 Intake

19.1 Each Research Supervisor shall supervise not more than eight candidates at a time including the candidates who have registered for Ph.D degree in other universities. The number of candidates that can be supervised by a Research Supervisor / Co-Research Supervisor is governed by the following table;

Category of Supervisor	Maximum no. of candidates	SC / ST / Cat-1, Candidates	OBC candidates	Foreign Candidates	General Merit Candidates
Professor level	08	Min of 01	Min of 01	Not Exceeding 02	04
Associate Professor level	06	Min of 01	Min of 01	Not Exceeding 02	03
Assistant Professor level	04	Min of 01	Min of 01	Not Exceeding 02	02
If a guide does not enroll a foreign candidate, the vacant seat may be shifted to General Merit.					

19.2 The seat reserved for SC and ST candidates shall be interchangeable (i.e. SC vacancy shall be filled with ST candidate and vice-versa if there are no eligible candidates from SC or ST). However, they shall not be transferred to general pool.

19.3 Whenever a Supervisor leaves the college temporarily for a period of more than one year, the supervisor shall continue to provide guidance through any suitable mode of communication. During such period of absence of the guide, all correspondence with the college shall be made through the Head of the Department. All such arrangements shall be made intimation to and approval of the Principal.

19.4 No Research Supervisor shall be allotted/allocated his/her relative as a candidate for the Ph.D Programme.

20 Provision for Co-Supervisor

20.1 A candidate may be allotted/allocated more than one Supervisor depending on the topic of research.

20.2 In case of topics which are of inter-disciplinary nature where the Department concerned feels that the expertise in the Department has to be supplemented from outside, the Department may appoint a Research Supervisor from the Department itself, who shall be known as the Research Supervisor, and a Co-Supervisor from outside the Department / Faculty/College/Institution on such terms and conditions as may be specified and agreed upon by the consenting Institutions/Colleges.

21 Change of Research Supervisor

21.1 Generally, change of Research Supervisor shall not be permitted.

21.2 Under extraordinary circumstances, such as death or discontinuation of service or disability on health grounds of the supervisor or transfer of the supervisor, the change of Research Supervisor shall be permitted by the college, notwithstanding the maximum number of eight candidates, at the request of the candidate and on the recommendation of the Principal of the college and subsequent approval of the Doctoral committee.

21.3 A change of Supervisor may be allowed within a period of one year from the date of provisional registration with the consent of the candidate and both the supervisor (current and proposed) and approval from the Doctoral committee and the Principal. Further, in case where such a change necessitates change of topic, the same shall be approved by the Doctoral Committee.

21.4 In case of any conflict between the Research Supervisor and the Candidate, the Head of the department, on the receipt of request letter either from the candidate or from the Research Supervisor or both, shall refer the matter to the Doctoral committee. The Doctoral committee shall examine the case and send its report/recommendations to the Principal. The decision of the Principal shall be final in this regard.

21.5 However in extraordinary case, the Principal may permit the change of Supervisor even beyond one year if such a need arise to protect the academic interest of the candidate.

22. Submission of Thesis:

22.1 Prior to submission of the thesis the candidate shall appear before the Departmental Research Committee and present the work including methodology and data collected in the pre-submission colloquium. He / She shall have published a minimum of two research papers (published or accepted in UGC approved list of journals) / shall have presented a minimum of two research papers at the national level seminars or hold patents (accepted or granted) on the basis of his / her research which shall be verified by the Research Committee. He/she is required to produce reprints/gallery proof of acceptance to the research committee during his/her colloquium.

22.2. The supervisor shall communicate the decision of the pre-thesis submission colloquium to the Controller of Examination as well as to the candidate within a week

of conducting the colloquium as to whether the Research Committee has permitted the submission of final synopsis. If the performance of the candidate at the colloquium is not satisfactory, the Research Committee shall give another opportunity within 3 months from that date. Even after this the performance is not satisfactory; the matter shall be referred to the Doctoral Committee for opinion based on which the decision of the Vice Chancellor is final in the matter.

22.3. The candidate who gets approval of the Departmental Research Committee to submit the thesis shall submit fifteen copies of the final synopsis of the thesis to the Chairperson of the Board of Studies through the guide and / Head of the Institution for preparing the panel of examiners.

22.4 Every candidate shall (not later than six months after obtaining permission from the Doctoral Committee for submission of thesis) submit four copies of the thesis to the Controller of Examination through the supervisor and the Chairperson of the P.G.Department concerned. The candidate shall also pay the prescribed submission fee and produce “No Due Certificate” from the chairperson of the P.G.Department/Head of the institution, concerned Librarian and Hostel Warden.

22.5. Within three months after the submission of final synopsis the candidate shall submit FOUR hard copies and three soft copies of the thesis along with application and the prescribed fee through the Guide and the Chairperson of the Department / Head of the Institution / College concerned to the Controller of Examination, failing which the candidate shall request for extension of time for another three months by paying the penal fee fixed by the Autonomous College. He/she shall submit the thesis within the next 3 months but not later than the maximum period of registration.

22.6. The thesis shall contain a certificate from the Guide that the thesis submitted is the record of the research work done by the candidate within the period of the study, and that it has not previously formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or other similar titles to any candidate.

22.7. The language in which the candidate desires to write the thesis shall be indicated at the time of registration itself. If the thesis is written in a language other than English, FOUR copies of abstract of the thesis in English shall also be submitted.

23. Adjudication of Ph.D. Thesis

23.1. The Chairperson of the B.O.S. shall place before the BOS/circulate the Panel of Adjudicators submitted by the guide for approval by the BOS. The Chairperson of BOS shall send the approved panel to the Controller of Examination by name along with five copies of the final synopsis.

23.2. The panel of adjudicators prepared and approved by the Board of Studies shall include only experts in the concerned field and not below the cadre of Associate Professors, or senior scientists/ academicians who possess Ph.D. in the concerned discipline/subject and have research experience in the field. Further, out of ten experts, generally at least five shall be from universities/institutions outside Karnataka and/or foreign universities.

23.3. In all cases, it is desirable to provide along with the Expert's Name, his/her Designation, complete Official Postal Address, E-mail ID and Cell Number wherever possible to facilitate monitoring and speedy communication.

23.4. In case the panel of experts is exhausted, the Chairperson of the concerned board of studies shall submit a fresh panel of experts.

23.5. For the adjudication of Ph.D. thesis, there shall be a Board of Adjudicators consisting of the research supervisor/guide as chairperson and two external members to be chosen by the Chairperson from a panel of ten experts prepared and approved by the Board of Studies.

23.6. Each adjudicator shall send the report to the Controller of Examination, within two months from the date of receipt of the thesis.

23.7. Each adjudicator's report shall include the following:

23.7.1. A critical account of the work of the candidate as embodied in the thesis and an evaluation of the work in terms of its contribution to the advancement of knowledge.

23.7.2. Details of any question/s to be asked to the candidate or points to be clarified by the candidate at the open viva-voce examination.

23.7.3. A definite recommendation as to whether the Ph.D Degree should be awarded or not.

23.7.4. The adjudicators shall also be required to answer specifically the following-

23.7.4.1. Whether the Ph.D. Degree can be awarded on the basis of the thesis as presented

23.7.4.2. If the answer is no, whether the thesis can be resubmitted after revision/corrections? or a definite recommendation against the award of the Degree.

23.7.4.3. Whether the thesis is fit for publication with or without revision

23.8. If all the reports are positive / favourable, the Controller of Examination shall take necessary steps and request the Research Supervisor/Guide to (a) prepare and send the

consolidated report on the thesis, and (b) arrange for the open viva-voce examination inviting one of the external adjudicators approved by the Chairperson.

23.9. If one of the examiners makes a qualified recommendation with valid reasons and recommends for re-submission of the thesis after suitable modifications, the Controller of Examination shall communicate to the concerned candidate, through the Research Supervisor, for resubmitting the thesis after suitable modifications within six months from the date of communication. In this case, the modified thesis shall be sent to the same adjudicator who recommended for re-submission.

23.10. No candidate shall be permitted to resubmit the thesis more than once.

23.11. If one of the adjudicators makes a definite recommendation against the award of the Degree, the thesis shall be referred to another external adjudicator. If the report of such adjudicator is favourable, then the candidate shall be eligible to appear for the open viva-voce examination. Otherwise, the thesis shall be rejected. However, the reports of the adjudicators shall be made available to the candidate.

23.12. If both the external adjudicators make definite recommendations against the award of Ph.D. Degree, the thesis shall be rejected.

24. Viva-Voce Examination

24.1. On the receipt of the favourable /satisfactory reports from the external adjudicators, an open viva-voce examination shall be conducted on any working day by a Board constituted by the Controller of Examination based on the approval of the Chairperson. The Board shall comprise the following.

- Research Supervisor : Chairperson
- One external Adjudicator: Member

- Co-Research Supervisor, if any: Member

24.1.1. In case where the Research Supervisor cannot attend the viva-voce examination, then the co-supervisor or external adjudicator shall be made the chairperson. However, a written consent from the Research Supervisor and prior approval from the Chairperson shall be mandatory. When an External Adjudicator is appointed as the Chairperson, then one more external adjudicator who adjudicated thesis shall be invited as the member if he/she is from India. Otherwise, another expert from the panel approved by BOS shall be invited as the member.

24.1.2 Under extraordinary circumstances where either of external adjudicators cannot be present for the viva-voce examination, the Chairperson shall appoint another external substitute expert from the panel approved by the Board of Studies.

24.2. Besides the above, the chairperson of the Viva-voce Board shall invite the Chairperson and members of Doctoral Committee, and send a circular to all the Departments inviting interested Faculty Members, Research Scholars and Students to attend the viva-voce examination.

24.3. The Viva-voce examination shall primarily be designed to test the understanding of the candidate on the subject matter of the thesis including the methodology employed and the competence in the field of research. Any of the points raised by the adjudicators shall be clarified during the viva-voce examination, and the report of the examiners shall be made available to the Board.

24.4. In the case of candidates who are abroad and unable to be present physically, viva-voce examination may be held through videoconference mode as described above (with

open viva) after the candidate pays the additional fees prescribed by the Autonomous College.

24.5. The Report of the Open Viva-voce examination shall be signed by only the Research Supervisor and the External Examiner.

24.6 If the performance of the candidate in viva-voce examination is not satisfactory, he/she may be given one more chance to reappear for the vive-voce within three months.

24.7 If the candidate deceases prior to conduct of the viva-voce examination, the Autonomous College may award the Ph.D. degree posthumously, provided both the external reports are favourable, as a special case.

25. Award of Ph.D. Degree

25.1. After the successful completion of the open viva-voce examination by the candidate, the Chairperson of the Viva-voce Board shall send the report of the viva-voce examination (the report shall be signed by the him and the External Member) along with the consolidated report on the thesis and recommendation to the Controller of Examination for award of the Degree of Doctor of Philosophy to the candidate.

25.2. Along with the notification of the award of the Ph.D.Degree, the Autonomous College shall issue a provisional certificate certifying to the effect that the Degree has been awarded in accordance with the provisions of UGC Regulations, 2009.

25.3 The candidate shall, after the viva-voce examination, incorporate the suggestions, if any, by the adjudicators into his/her thesis, and submit two more hard copies and two soft copies to the Controller of Examination for sending them to the Autonomous College Library (both the hard and soft copies of the thesis) and to the Government (only hard copy).

26. Depository with UGC:

Following the successful completion of the evaluation process and announcement of the award of Ph.D, the Autonomous College shall submit a soft copy of the Ph.D. thesis to the UGC within a period of 30 days, for hosting the same in INFLIBNET.

27. Publication of Thesis

27.1. After the award of Ph.D. Degree, the entire thesis or any part of the thesis may be published by the candidate with the written permission of the Autonomous College, giving due credit to the Research Supervisor. Two copies of the published works shall be submitted to the Autonomous College Library.

27.2. After the award of the Ph.D. Degree, the thesis or any publication derived from the thesis work shall be the property of the Autonomous College. The Autonomous College shall rightfully share with the candidate and Supervisor for any copyright, patent or recognition to the thesis.

27.3. If a thesis is proved to be a copy/ plagiarism, the Autonomous College shall rescind the degree and withdraw the recognition of the guideship of the supervisor for a minimum period of three years.

28. Prohibition for doing Ph.D.

The statutory officers of the Autonomous College are prohibited from registering for Ph.D degree in the same Autonomous College during their tenure.

29. Repeal and Savings

29.1 Notwithstanding anything contained in these Regulations, the Provisions of Guidelines, Order, Rule or Regulations in force shall be inapplicable to the extent of their inconsistency with these Regulations.

29.2 The Autonomous College shall issue such orders, instructions, etc., and prescribe such format, procedure, etc., as it may deem fit to implement the Provisions of these Regulations.

29.3. If any difficulty arises in the implementation of these Regulations, the Chairperson shall, in consultation with the Deans, be competent to issue necessary clarifications and at the earliest possible opportunity thereafter report the action taken by him to the Academic Council.
