

**GUIDELINES
FOR
DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)**

2016-19

Updated on 14.4.2016



**JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL
EDUCATION & RESEARCH (JIPMER),
PONDICHERRY-605 006**

S.No.	CONTENT	P.No.
1	Eligibility for Admission	3
2	Duration of the Programme	6
3	Mode of Selection	7
4	Provisional Registration for Ph.D. Program	7
5	Doctoral Committee	8
6	Course of Study	9
7	Cancellation of Registration	10
8	Supervisors	11
9	Institutions where Research can be done	12
10	Synopsis	13
11	Submission of Thesis	13
12	Valuation of Thesis	14
13	Public Viva-voce (Oral Examination)	16
14	Award of Degree	17
15	Institute Ph.D Studies Committee	17
16	Publication of Thesis	17

DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)

REGULATIONS EFFECTIVE FROM THE ACADEMIC YEAR 2016

1. ELIGIBILITY FOR ADMISSION:

1.1. Educational qualifications

A candidate seeking admission to the course of study leading to the award of Degree of Doctor of Philosophy must possess at least one of the following qualifications. The degree should be awarded by this Institute or any other University/Institute recognized by this Institute and established by law.

- (a) Doctor of Medicine (D.M.) or Master of Chirurgie (M.Ch.) or Doctor of Medicine (M.D.) or Master of Surgery (M.S.) or Diplomate of the National Board of Examinations or equivalent degree.
- (b) Master of Science in a subject allied to Life Sciences/Bio-Medical Sciences with at least 55% of the aggregate marks (50 % in case of SC/ST/OBC/OPH candidates) in the qualifying examinations.
- (c) A degree of Bachelor of Medicine and Bachelor of Surgery (MBBS) with a minimum of 55% (50% in case of SC/ST/OBC/OPH candidates) of the aggregate marks in the professional examinations.

1.2. Common provisions for admission to Full time PhD course:

1.2.1. Eligibility to apply for full time course of PhD

The candidate who fulfils one of the following requirements may be considered for admission to the Ph. D.

- (i) A candidate who is a recipient of fellowships from government/semi-government organizations such as Indian Council of Medical Research (ICMR), Council of Scientific and Industrial Research (CSIR), Department of Science and Technology (DST), Department of Biotechnology (DBT), Department of AYUSH (Ayurveda, Yoga, Unani, Siddha and Homeopathy), University Grants Commission (UGC), All India Council for Technical Education (AICTE), Defense Research and Development Organization (DRDO), Department of Atomic Energy (DAE) and similar national-level organizations.
- (ii) A candidate who is employed as Research Fellow in extramural research projects in this Institute provided he/she possesses the required educational qualifications.
- (iii) A teacher of the Institute holding a substantive post who is relieved on study leave with salary for a period of not less than two years for pursuing Ph.D. program.

1.2.2. Admission to full time course of Ph.D. by entrance examination

All Candidates are required to appear for the entrance examination to be eligible for the full time PhD course.

1.2.2.1. Institute PhD Fellowship (IPF): Candidates with JRF / SRF will be preferred for admission to Ph.D. Programme. If any candidate does not have financial assistance / fellowship for pursuing his / her Ph.D. programme, stipend will be paid at the rate of Rs.25000/-,25000/- and 28000/- per month for the first, second and third year of their studies respectively. At the end of each year, the candidate should submit annual progress report of their research work duly certified by the guide to the Dean research's office. If the report is not submitted or found unsatisfactory, the stipend is liable to be withdrawn.

1.2.2.2 Mid-stream departure: If the candidate is availing IPF and wishes to discontinue the course for any reason(s), he /she will be levied a fine as mentioned hereunder:

Before 12 months: Rs.1,00,000

Between 12-24 months;Rs. 1,75,000

Between24-36 months:Rs. 2, 00,000

1.3. Admission to Part time PhD course

1.3.1.Internal candidates

- (a)Teacher candidates working in this Institute who have completed their probation.
- (b) Non-teaching staff employed in a time scale of pay in this Institute
- (i) the candidate possesses required Post-graduate degree as prescribed by the Department concerned and obtained 55% marks (or equivalent grade)
 - (ii) the candidate has at least 5 years of work experience of which at least two years should be relevant to the field of research certified by the HOD or the guide, proof of which to be evidenced through two original research papers published in peer reviewed indexed journals.

1.3.3. Common provisions for admission to part time course

All the part-time internal, candidates applying for admission to the Ph.D. program should submit an outline proposal of the research to be conducted, giving sufficient background material and the proposed line of research, and obtain the consent of a guide duly recognized by the Institute along with administrative permission from competent authority to be considered for admission.

1.5. The Split Ph.D programme : Under this program, a candidate may carry out

part of his/her Ph.D work in a recognized foreign university/ research institution or a recognized Indian university/ research institution with which JIPMER has signed an academic MoU. The PhD candidates will be co-supervised by staff from the collaborating Institute/ University. No financial support will be provided by the Institute during the external posting. The candidate should provide evidence of having financial support for their work in Indian laboratories and /or international Fellowships/scholarship for foreign split fellowship program. The maximum period of stay in the collaborating Institute/University will be one year, which can be availed in single or multiple visits of not less than 3 months each.

2. DURATION OF THE PROGRAM :

2.1. Full Time

The candidates registered for the Degree of Doctor of Philosophy (Ph.D.) as full time research scholars shall undergo research work for a minimum period of 3 years from the date of provisional registration. However candidates with MD/ MS/ DNB/ M.Phil or higher qualifications, the period of research work and training would be a minimum of 2 years.

He/she shall attend the department for research on all working days, except for periods when he/she is allowed to visit other institutions/laboratories for activities connected with research for a period permitted by the concerned guide.

2.2. Part-Time

Part-Time candidates shall have to put in one year more than that prescribed for full-time research.

2.3. Maximum duration

The duration of the course and certification of research experience will be the time period from provisional registration to submission of the thesis. The maximum period of the course shall not exceed five years for full time candidates and six years for part time candidates from the date of provisional registration. During this period, it is mandatory for the candidate to work in the department. **The registration of the candidates who could not complete their course within the above stipulated period will stand cancelled automatically. They will not be eligible for any Ph.D. course in this Institute.**

3. MODE OF SELECTION

The candidates desirous of registering for the Ph.D. degree full time program should apply in the prescribed application form through proper channel wherever applicable before the due date as indicated in the notification issued from time to time. Normally, the Institute will issue notification for Ph.D. admission once in a year vide an entrance examination. Only the candidates who obtain 50% aggregate score in this examination will be called for the counselling.

4. PROVISIONAL REGISTRATION FOR Ph.D. PROGRAM

(FULL-TIME AND PART-TIME)

- (i) A Candidate, certified as eligible for Ph.D. program by the Ph.D. Admission Committee, shall be provisionally registered for the Ph.D. Degree subject to approval by the Director and on payment of prescribed fee.
- (ii) A candidate applying for provisional registration shall do so, specifying the broad-field or an inter disciplinary field in which he / she intends to pursue research, the subject of research being wholly or partly related to the main branch of knowledge chosen for the Post-graduate degree in which the candidate has qualified and the name of the recognized guide under whom he / she proposed to do research.
- (iii) Registration of the candidates to Ph.D. program will take effect from the date of joining the Institute.
- (iv) The maximum number of Ph.D. candidates per guide shall be eight
- (v) Candidates who propose to carry out research work in interdisciplinary area will be permitted to have, on the recommendations of the guide/supervisor, a co- guide who will be a specialist in the related subject.

5. DOCTORAL COMMITTEE

(a) When the candidate is accepted for provisional registration, a doctoral committee will be constituted in each case. The doctoral committee shall consist of 3 members normally, consisting of **Guide / Supervisor** (as Coordinator he/she would initiate steps for the formation of the Committee), another faculty member from the same department / institute working in the same field as an **Internal expert** and one faculty member from outside the institute specialized in a related field as an **External expert** shall be included in the committee. **The number of co-guides permitted in a doctoral committee are three.** The internal expert can play the role of the PhD research monitoring committee nominee. The maximum number of the members of the committee **shall be six.** All members of the Doctoral Committee must be recognized as research guides. The Committee will be formed from the panel of names (maximum 6) submitted by the Supervisor and nominated by the Director/Dean research.

(b) The Committee shall meet once in six months, to review the work of the candidate, make suggestions for the future work, and submit reports on the progress to the Dean research.

(c) The first meeting of the Committee shall be within **One-month** after provisional registration and in this meeting the Committee shall prescribe the courses that the candidate needs to take as requirement for the part I examination.

(d) Part I examinations shall be conducted by the Supervisor/Dean research for all PhD students. Paper I will be common to all students while the paper II and III will be prepared by the guide and doctoral committee.

(e) The Committee shall conduct in the Department a doctoral meeting in which the candidate makes a public presentation of his/her synopsis before its submission on a working day and approve the research work for finalization in the form of thesis.

(f) The Committee after examining the progress made by the candidate shall recommend the submission of the synopsis and the thesis within the due date stipulated by the Institute. The Doctoral Committee shall endorse changes in the title of the thesis, if any.

(g) The Committee shall suggest names of the panel of examiners for the evaluation of the thesis to the Ph.D. monitoring Committee. The Committee shall ensure that all the examiners are of high standing in the field of the research of the candidate.

(h) If the Ph.D. monitoring Committee is not satisfied with the panel, it may ask for additions/deletions or ask for a fresh panel from the Doctoral Committee.

- (i) The external Doctoral Committee member will be paid honorarium of Rs.1000/-(one thousand only) each for every notified meeting and draw TA/DA as per their eligibility.

6. COURSE OF STUDY

The course of study for the Ph.D. Program shall consist of training programmes (internal and external), three written papers under part-I and thesis and public viva voce under part-II.

6.1. Training Program

6.1.1 Institutional Training: Candidates will have to participate regularly in the research oriented teaching programs, post-graduate lectures, journal clubs and seminars of the department during the initial two years. They may not attend any teaching activity which is purely clinical.

6.1.2 External Training: The candidate may be permitted to undergo external training up to six months duration at a recognized national or international research institute in the entire tenure for learning techniques/research work related to the project on the recommendations of the guide and approval of the Director/Dean research.

6.1.3 Leaves: Only 30 days' leave is permitted in a given year. Two conference leaves will be permitted in a year not exceeding ten days. During this conference the candidate should present a paper from her/his thesis work. If they wish to attend any other conference, they will have to avail leave from their sanctioned 30 days. Leave for undergoing training and attending workshops will be considered as per the existing Ph.D. guidelines.

6.2. Approval of Research Council and Ethics Committee

The candidate should get the approval of his/her research proposal by the JIPMER Scientific Advisory Committee (JSAC) and Ethics Committee (Human/Animal) within six months of his/her provisional registration.

6.3. Examination under Part I of the Ph.D. Program

- (i) A Ph.D. candidate within six months of registration, shall appear for an examination consisting of three written papers of 3 hrs duration each. Each paper carries a maximum marks of 100. The written examination will be conducted by the Dean Research. This will be a centralized examination wherein the Paper I will

be common to all candidates and Paper II and Paper III will have to be sent by the supervisor to the office of the Dean research in a sealed envelope before the examination.

(ii) The Part-I Examination shall consist of the following: Paper I: Research Methodology including biostatistics

Paper II: An advanced paper in the subject concerned including the involved instrumentation

Paper III: Background paper related to design and conduct of his/her Ph.D. work

Total marks: 300

(iii) The syllabus for Part I examination will be framed by the Doctoral Committee. Valuation in respect of paper-I will be done by examiners recommended by the Dean Research and evaluation of Paper II and Paper III will be done by the guide/supervisor and doctoral committee. The passing minimum is 50% of aggregate marks.

(iv) A candidate who fails in the written examination may be permitted to reappear in the examination on two more occasions. All the candidates shall have to clear the part-I examination within 18 months from the date of registration.

(v) A candidate who fails in the third attempt shall not be permitted to continue and the provisional registration shall be cancelled.

6.4. Confirmation of Provisional Registration and Thesis under Part – II

(a) The Provisional Registration of a candidate for the Ph.D. Degree shall be confirmed on receipt of the report of the result of the Ph.D. Part-I examination conducted under the supervision of the Dean Research and the candidate will be registered under part-II of the Ph.D. Program, namely thesis and viva-voce. Every such candidate shall be required to choose a research topic and submit a thesis incorporating the results of his/her investigations carried out under the guidance of a recognized Supervisor.

(b) Part-time (internal) candidates registered under guides not working in the same department shall be required to spend the last six months of their tenure directly under the supervisor who will have a close scrutiny of the final stages of research.

(c) Conversion of Ph.D. research from full-time to part-time and vice-versa will be allowed only in special circumstances and on payment of the “prescribed status change fee” by the Institute.

- (d) The following formula will be adopted for conversion of Ph.D. Program from full-time to part-time and vice-versa: The residual period that the candidate has to complete, at the time of his / her submission for conversion (from full-time to part-time or part time to full time as the case may be), for fulfilling the requirement of the minimum duration of submitting the thesis under the existing category will be taken note of and the equivalent period of the corresponding shall be determined and intimated to the candidate, without exceeding the maximum duration.
- (e) Although selected for the first year, the Ph.D. Scholar would be eligible for the contract for the second year only on satisfactory completion of the first year. This would be based on the satisfactory certification from the doctoral committee. The stipend of each successive year will be released based on this satisfactory report. The further release of the fourth year's stipend will be based on satisfactory report from the guide, publication of original research from the candidate's dissertation work with the candidate as the first author and paper/s arising from the candidate's dissertation work presented during any national or international conference by the candidate. The same will be applicable for release of the fifth year's stipend also.
- (f) If the Ph.D. Scholar is suspended from duty in connection with any investigation into his/her conduct, he/she shall not be entitled to any stipend during such period of suspension.
- (g) The Ph.D. Scholar shall devote his/ her whole time to the duties of the said service and shall not engage, directly or indirectly, in any trade, business, occupation or profession. (Including any private practice) on his/her own account and shall not (except in case of accident or sickness certified by competent Medical authority) absent himself/herself from his/her said duties without having first obtained permission from the Government or its authorized officers.
- (h) The Ph.D. Scholar shall carry out all the duties and responsibilities required of him/her to be performed and undertaken by the Head of the Institution where he / she will be placed in the discharge of the patient care and maintenance of records and such other clinical and technical duties as may be assigned to him/her by the aforesaid authorities from time to time in the interest of efficient patient care and running of the hospital.

7. CANCELLATION OF REGISTRATION

- (a) Registration may be cancelled on the recommendations of the Doctoral Committee based on the lack of progress as reported by the Guide and also after giving due opportunity to the candidate for defending his case.

(b) Registration may be cancelled on the candidate's own request and duly endorsed by the Doctoral Committee.

(c) Registration of the candidate will be automatically cancelled if he / she fails to submit Ph.D. thesis within six years from the date of provisional registration in the case of full-time candidates and seven years from the date of provisional registration in the case of part-time candidates.

(d) If the candidate desires to pursue the Ph.D. program after cancellation of registration, he/she may do so after going through admission procedure as a fresh applicant.

(e) The Services of the Ph.D. Scholar may be terminated as follows:

- I. By the Government or its authorized officers without any previous notice if the Government is satisfied on medical evidence that the Ph.D. Scholar is unfit and is likely for considerable period to continue unfit by reason of ill-health for the discharge of his duties PROVIDED ALWAYS that the decision of the Government that the Ph.D. Scholar is unfit and is likely to continue unfit shall be conclusive and binding on him.
- II. By the Government or its authorized officers without any previous notice if the Ph.D. Scholar shall be guilty of any insubordination, intemperance or other misconduct or any breach or non-performance of any of the provisions of this agreement or of any rules pertaining to the Institution where he/she may be placed from time to time.
- III. By thirty days' notice in writing given at any time during service under this Agreement by the Government or its authorized officers to him/her without cause assigned.

8. SUPERVISORS

(a) The Supervisor carries the chief responsibility for guiding the academic progress of the candidate throughout the period of study. He / she counsels the student in academic matters and provides guidance on the nature of course work and research, the standards expected, the adequacy of progress and the quality of work. The guide/Supervisor shall offer feedback on all matters pertaining to the completion of a successful dissertation namely content, cohesiveness, originality, research standards, structure and documentation and writing style. The guide/Supervisor will not allow the dissertation to be submitted for approval unless it is completed to his or her satisfaction. The coguide/ co-supervisor should have a minimum of 5 years' teaching experience after postgraduation.

(b) In the Faculty of the Institute, a person holding post-graduate qualifications with five years of postgraduate teaching and research experience after acquiring the

post- graduate qualification, should be an Associate Professor and should have five original research publications in reputed peer reviewed indexed journals as first author or corresponding author (**the impact factor of each journal individually should be more than 1.00**) shall be eligible for recognition to be a supervisor for Ph.D. work. At least three publications shall be from the work carried out after completion of the post- graduate qualification and from this Institute.

- (c) Teachers holding a Ph.D. degree having more than three years of teaching / Postdoctoral research with at least five original research publications in peer reviewed journals (**the impact factor of each journal individually should be more than 1.00**) and working at least as an Lecturer/Assistant Professor in this Institute or other recognized University/postgraduate Institute are eligible to be a supervisor. At least three publications shall be from the work carried out after completion of the Ph.D. The PhD RMC will examine the eligibility of the person for recognition as a Ph.D. supervisor and recommend for approval by the Director/Dean research.
- (d) A Supervisor may not guide more than eight students at any given time and this maximum number includes full-time as well as part-time (internal) students. The Director is empowered to decide on enrollment of additional candidate on case-to-case basis and subject to the availability of facilities, up to a maximum of eight candidates per guide. This number shall not include the candidates registered under a co-guide.
- (e) Change of supervisor/guide shall be permitted within two years of the provisional registration with the approval of the Ph.D. Research Monitoring Committee and the Director/Dean research on valid grounds.
- (f) To ensure the successful and timely completion of the program, it is essential that supervisors and their students maintain regular contact. Supervisors must give their students advance notice if they plan to be absent from the Institute for an extended period of time of more than 3 months and make suitable arrangements with the student and the Director/Dean research for the continued supervision of the student. If it is not feasible for the Supervisor and the student to maintain regular contact during the Supervisor's extended absence, one of the Department Members of the Doctoral Committee should be asked to take on the Supervisor's responsibilities during the given period. In case of the supervisor leaving the Institute permanently or on deputation elsewhere or otherwise for a period of more than one year, the candidate may be permitted to change the topic of research, if necessary, with the change of the guide. The duration of research will be the same if the topic of research remains the same. If there is a

change in the topic, the minimum duration of research will be decided by the Doctoral Committee and the Ph.D. Research Monitoring Committee.

- (g) To accommodate interdisciplinary aspects of research, a supervisor from a related department can act as a co-guide with the permission of the Director/Dean research. The number of candidates registered under co-guide shall not be taken into consideration while counting permissible number of candidates registered under a particular guide / supervisor. The main supervisor / guide not the co-guide, shall be responsible for the successful completion of the Ph.D. Program of a candidate.

9. INSTITUTIONS WHERE RESEARCH CAN BE DONE

A candidate may be permitted to pursue research for the Ph.D. degree in any of the following institutions:

(a) All departments of the Institute having necessary facilities to carry out Ph.D. research and duly recognized for doctoral research based on the recommendation of the PhDRMC. There should be qualified PhD guides in the departments concerned.

(b) Any other central or state Institutes/Universities, all India research institutes under ICMR, CSIR, DST, DBT etc even if they are located outside Pondicherry

10. SYNOPSIS

(a) Not less than three months before the submission of the thesis, every candidate shall submit to the Institute, through the supervisor and HOD six copies of the synopsis of the thesis, together with the title of the thesis and prescribed examination fee. The candidate shall prepare the synopsis carefully in consultation with the supervisor. The synopsis should bring out in abridged form, the aims for conducting research, work done, results, and conclusions drawn. The candidate shall make a presentation of the synopsis before the doctoral committee. The candidate shall also make a presentation in the department prior to the submission of the synopsis.

(b) The Synopsis of the thesis shall not be less than six pages or exceed ten pages, typed on A4 size paper with one and half space. The Institute shall prescribe a format for the synopsis from time to time. The candidate shall also submit two copies of the electronic version (read only format) of the synopsis.

(c) In case of requirement, the candidate shall submit additional copies of the synopsis on demand from the Institute.

(d) After the submission of the synopsis and on the recommendation of the Director/Dean research, the Institute shall contact the examiners by electronic and / or regular mail to seek their consent.

11. SUBMISSION OF THESIS

- (a) The Ph.D. Program culminates with the submission of a thesis of a substantial work of original research carried out by the candidate under the guidance of the supervisor.
- (b) The candidate should have at least two original research papers published/accepted for publication (evidence to be submitted along with the thesis) in peer reviewed indexed journals before submission of the thesis. The reprint/preprint should be included in the appendix of the thesis.
- (c) Normally the length of the thesis shall be of not more than 250 pages typed on A4 size paper with one and half space (excluding end-notes, appendices and bibliography). The Institute shall prescribe a detailed format for the thesis from time to time. It is recommended that the references in the thesis are written in the Vancouver format. The thesis is expected to undergo an extensive revision process before it is ready to be submitted as a finished piece of work.
- (d) The candidate shall submit four copies of the thesis in a soft bound form and two copies in the electronic form (read-only format) to the Examination section for evaluation by the examiners. Once the thesis gets approved the candidate shall incorporate all the corrections / suggestions, if any, and resubmit two copies of the final version of the thesis in hard bound form and two copies in the electronic form (read-only format). The supervisor and the doctoral committee shall certify that the corrections / suggestions (if any) were incorporated as per the examiner/s report.
- (e) The thesis should be submitted to the Institute for evaluation not later than six months after the submission of the synopsis, through the supervisor, and through the Head of the Department and Head of the Institution, along with his/her application for the Ph.D. degree.
- (f) If the Candidate fails to submit the thesis within six months from the date of submission of synopsis one extension of three months may be given with approval from the Director/Dean research after which the process gets cancelled. Then, he/she shall submit the synopsis again based on the

recommendations of the Doctoral Committee. The Guide / Supervisor, with the approval of the Doctoral Committee shall submit a fresh list of examiners.

- (g) One hardcopy of the thesis shall be placed in the Library of the Institution at least 14 days prior to the viva-voce and in case of interdisciplinary PhD, another hard copy should be available in the departments concerned with the PhD work (this includes the department in which the candidate has registered).
- (h) Supplementary papers to the thesis, printed copies of any contributions to the knowledge of the subject or of any cognate branch of science that may have been published in journals or periodicals may also be included along with the thesis or given as bibliography.
- (i) The thesis shall ordinarily be submitted not later than five years from the date of registration in the case of full-time candidates and six years in the case of part-time candidates. A maximum of two extensions of six months each shall be given at the discretion of the Director/Dean research on the recommendations of the Guide / Doctoral Committee after the expiry of which the registration will stand automatically cancelled. Every candidates shall submit with his/her thesis a certificate from the Supervisor under whom he / she had worked, that the thesis submitted is a record of original research work done by the candidate during the period of study under his/her supervision and that the thesis has not previously formed the basis for the award to the candidate of any Degree, Diploma, Associate ship, Fellowship or other similar titles and that the thesis represents independent work on the part of the candidate.

12. VALUATION OF THESIS

- (a) Three examiners of high eminence (Board of Examiners) shall carry out evaluation of the thesis.
- (b) A panel of seven examiners both in India (outside the Institute; at least four numbers) and abroad (at least three numbers) shall be recommended by the Doctoral Committee for evaluating the thesis and for conducting the public viva-voce examination to be held later, when a candidate submits his/her thesis synopsis. The supervisor may contact either electronically or by regular mail each member in the panel of examiners to seek their consent to be placed in the panel. (c) The thesis shall be referred to a Board of Examiners as per the Ph.D regulations of the Institute. Once all the reports reach Dean

research's office, the examiner's reports will be forwarded to the Guide/Supervisor for preparing a consolidated report.

(d) The Board of Examiners who value the thesis shall report on the merit of the candidate for the Ph.D. degree as follows:

- i.) The thesis to be accepted for the award of Ph.D. degree in the present form
- ii) The thesis to be accepted for the award of Ph.D. degree after minor corrections/revisions.
- iii) The thesis be revised and resubmitted for evaluation
- iv) The thesis be rejected

(e) If the thesis is approved, each examiner shall submit in a sealed cover questions, if any, to be asked at the time of viva-voce.

(f) When experts differ in their opinion while evaluating the thesis:

In case, all the three examiners or two out of three examiners have not commended, the thesis shall be rejected and the registration cancelled. In case, one of the three examiners has not commended and then the thesis shall be again referred to a fourth examiner either Indian or Foreign as the case may be. If the fourth examiner commends the thesis, the candidate shall be allowed for the viva-voce examination. If the fourth examiner does not commend the thesis, it shall be rejected and registration cancelled.

(g) If the examiner / examiners insist on any correction / revision to be made in the thesis, the same shall be made by the candidate before the public viva-voce examination and certified by the Supervisor/ Doctoral Committee.

(h) If the Examiner / Examiners explicitly suggests requirement of the revision and re-submission for further examination, then the revised thesis duly certified by the Guide, Doctoral Committee and the Dean research shall be sent to the same examiner for further evaluation. In the absence of such a statement or if the examiner concerned specifically instructs that the revised thesis need not be sent back to him / her, the revised thesis duly certified by the Guide, Doctoral Committee and the Dean research shall be accepted and the candidate shall be allowed for viva-voce.

(i) The candidate should revise and re-submit the thesis within the shortest possible period, in any case, not later than one year from the date of the communication of the notice from the Institute.

- (j) In case the candidate fails to submit the revised form of the thesis within one year, the process of thesis evaluation gets cancelled. Then, the candidate shall submit the synopsis again to start the process of thesis evaluation.

13. PUBLIC VIVA-VOCE (ORAL EXAMINATION)

(a) In cases where the thesis has been approved, and on receipt of communication from the Institute, the guide / supervisor shall coordinate the conduct of public viva-voce for the candidate.

(b) One external Indian examiner of the thesis, and the Doctoral Committee shall appoint a jury who will conduct the public viva-voce examination in the presence of interested members of the public. In case where the Indian examiner of the thesis is not available, the Institute may appoint an alternative eminent person, preferably from the panel previously submitted, for conducting the viva.

(c) The Supervisor shall fix the date and time of the viva-voce in consultation with the external examiner appointed by the Institute for conducting the viva-voce examination. The Guide / Supervisor shall give wide publicity and at least 10 working days notice for scheduling of the examination. The maximum time limit for conducting viva-voce shall be six months from the date of consolidation of reports. If the candidate fails to take viva-voce within six months on valid grounds, the Director/Dean research can permit one six-month extension on specific request from the supervisor through Doctoral Committee and HOD. If the candidate fails to take the viva-voce even after the extension, the Ph.D. registration gets cancelled.

(d) The Viva-Voce can be held on any working day of the Institute. However, no viva-voce shall be held until the final version of the thesis is made available to the Institute.

(e) In case the Examiner conducting the viva voce examination is not in a position to travel to the Institute, the Guide / Supervisor can arrange the viva-voce with the participation of the external examiner through video-conferencing.

(f) In the viva-voce, the Guide / Convener will introduce the External examiner and the jury who will then conduct the examination. The candidate shall make a 30 minutes presentation of the thesis. The candidate is expected to explain how he / she embarked on their project, what were the issues set out to investigate, what was achieved, the methodology adopted, and significant contributions to the existing scholarship in the field. After the presentation, the external examiner shall begin the questioning followed by the faculty present and public. The jury will announce the result in consultation with the external examiner.

(g) After conducting the Viva-Voce examination, the Guide / Convener shall convey to the Dean research, through the HOD, the result of such examination endorsed by the external examiner and jury. A candidate who is successful in the public viva-voce examination shall be declared to have qualified for the Ph.D. Degree.

(h) A candidate, who is not successful at the public viva-voce examination, may be permitted to undergo the viva-voce examination a second time, within a period of four months. In the event of he/she failing again, his / her candidature for the degree will be rejected.

i) If the candidate passes the viva-voce examination, the viva-voce examiner and the Guide / Supervisor shall consolidate the recommendation and submit to the Dean research for the award of the degree based on

1. The reports of the examiners who adjudicated the thesis and
2. The evaluation report of the candidate's performance in the viva-voce examination.

14. AWARD OF DEGREE

(a) The Institute shall consider the reports and decide whether the candidate is worthy of the degree of Doctor of Philosophy and may take action in accordance with such decision.

(b) The Ph.D degree awarded by the Institute shall be designated as Doctor of Philosophy of the "Jawaharlal Institute of Postgraduate Medical Education and Research, Puducherry". The certificate shall not indicate the subject or specialty. The title of the thesis shall be indicated in the certificate.

15. THE INSTITUTE Ph.D RESEARCH MONITORING COMMITTEE

The Ph.D research monitoring committee comprising of at least 5 teaching faculty members of the institute nominated by the Director / Dean research for a period of 3 years. It consists of a chairman/ Dean research and a member secretary.

The responsibilities of the committee include the following:

1. Monitoring the functioning of the Ph.D programme of the institute and to provide suggestions from time to time for improvement.
2. Scrutinization and approval of Ph.D registration forms submitted by the Ph.D scholars after getting the approval of Research and Ethics committees
3. Selection and recommendation of the following:
 - (a) Members of the doctoral committee

- (b) Members of the panel of examiners for the Ph.D thesis evaluation
 - (c) Selection of eligible guides
4. Any other issues related to the Ph.D programme

16. PUBLICATION OF THESIS

The candidate should have at least two original research papers published/accepted for publication (evidence to be submitted along with the thesis) in peer reviewed journals before submission of the thesis. They are further encouraged to publish their remaining unpublished data in reputed journals.