

PRAVARA INSTITUTE OF MEDICAL SCIENCES

(DEEMED to be UNIVERSITY)

Established under section (3) of UGC Act 1956 vide MHRD Govt. of India

Notification No. F.9-11/200-U-3 dated 29th September 2003.

Loni 413736, Dist. Ahmednagar, (M.S.) India

NAAC reaccredited 'A' Grade with CGPA '3.17'



Minimum Standards and Procedure for Award of Ph. D. Degree

Rules & Regulations 2018

in

the faculties of Medicine, Dentistry, Nursing and Allied Health Sciences

(As per UGC Regulations 2009, 2016 and 2017)

(Academic Council, Resolution No. AC/2018/26/F-26h, dated 14th March 2018

Board of Management Resolution No. BOM/11/2018, dated 03.08.2018)

Preamble:

Pravara Institute of Medical Sciences – Deemed to be University aspires to be ‘Centre of Excellence’ in Medicine, Dentistry, Nursing and Allied Health Sciences Education. It is Committed to improve health standards as well as quality research in various disciplines of health sciences keeping in view of global needs and demand, with a focus on empowerment of rural community for sustainable growth, development and wellbeing, PIMS – DU firmly believes research is an integral part of holistic development of human life and sustainable holistic development.

The Doctor of Philosophy (Ph.D.) program in the health sciences is proposed with an objective of promoting the quality research in respective disciplines, based on the thrust areas of each faculty/discipline.

The state of art infrastructure & facilities such as research equipments, diagnostic and treatment facilities, clinical materials available at the attached 1275 bedded multi-specialty Pravara Rural Hospital, excellent and research oriented faculty in Medicine, Dental, Nursing and Allied Health Sciences as human resources available at the PIMS – DU shall be utilized to the maximum potential for promoting research in health sciences. The approval and monitoring of Doctoral research activity will be carried out by the Ph.D. Cell and Research Advisory/ Doctoral Research Committee (RRC) of PIMS – DU, the Deemed to be University follows the Regulations and makes timely amendments as suggested by the University Grants Commission (UGC) – New Delhi, regulating minimum standards and procedures for award of Ph.D. Degree published from time to time.

1. Discipline:

The admissions to Ph.D. program will be made under the various faculties such as Faculty of Medicine, Faculty of Dentistry, Faculty of Nursing and Faculty of Allied Health Sciences and covering the wide spectrum of various disciplines.

- a. Faculty of Medicine:** Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Pharmacology, FMT, ENT, Ophthalmology, Community Medicine, Medicine, Surgery, Orthopedics, Pediatrics, Obstetrics and Gynecology, Oncology, Radiotherapy, Radiology and Anesthesiology.
- b. Faculty of Dentistry:** Periodontology, Oral and Maxillofacial Surgery, Conservative Dentistry and Endodontics, Orthodontics and Dentofacial Orthopedics, Oral Pathology and Microbiology, Pedodontics, Prosthodontics, Oral Medicine and Radiology.

c. **Faculty of Nursing:** Medical Surgical Nursing, Psychiatric Nursing, Community Health Nursing, Child Health Nursing, Maternal Health Nursing.

d. **Faculty of Allied Health Sciences:**

- i. **Physiotherapy:** with specialties; Orthopedic Physiotherapy, Neuro Physiotherapy, Cardio Respiratory Physiotherapy, Pediatric Physiotherapy and Community Physiotherapy,
- ii. **Biotechnology:** Biotechnology/ Medical Biotechnology/ Medical Microbiology/ Microbiology.
- iii. **Public Health**
- iv. **Interdisciplinary Science** in related Health Science subject vide infra.

2. Eligibility criteria for admission:

A) For admission to the Ph.D. program in related subject in the respective faculty, applicants fulfilling any of the following criteria shall be treated as eligible:

I. Medicine Faculty:

- i. Candidates with MD/ MS/ DNB/ DM/ M. Ch. or equivalent Masters Degree awarded by a University recognized by MCI are eligible for Ph. D. course.
- ii. In case of Pre-Clinical and Para-Clinical subjects, in addition to candidates who have completed M.D. or M.S. after MBBS degree, non-medical candidates with M.Sc. (3 years in medical college) namely M.Sc. (Medical Anatomy), M.Sc. (Medical Physiology), M.Sc. (Medical Biochemistry), M.Sc. (Medical Pharmacology), M. Sc. (Medical Microbiology) under Medical faculty as recognized by MCI are also eligible.

Candidates who have completed M. Sc. in Human Genetics under Medical Faculty are also eligible to register for Ph. D. course in Medical Genetics.

II. Dentistry Faculty:

Candidates with MDS degree awarded by State/ Central Government/ Deemed to be University recognized by DCI are eligible for enrollment for Ph. D. course in Dentistry (specialization as available) of this University.

III. Nursing Faculty:

Candidates with M. Sc. in Nursing Degree awarded by State/ Central Government/ Deemed to be University recognized by INC are eligible for enrollment for Ph. D.

course in Nursing of this University for Ph. D. in Nursing (specialization as available).

IV. Allied Health Science Faculty:

- a) **Physiotherapy:** Candidates with a PG degree in Physiotherapy (specialties- Orthopedic Physiotherapy, Neuro Physiotherapy, Cardio Respiratory Physiotherapy, Pediatric Physiotherapy, Community Physiotherapy) or any other specialty introduces from time to time/ MS Orthopedic degree awarded by this University or a Master's degree considered as equivalent by Pravara Institute of Medical Sciences (DU) are eligible for enrollment to Ph. D. course in Physiotherapy under Allied Health Science faculty.
- b) **Biotechnology:** Candidates with a PG degree in Biotechnology/Microbiology/ Medical Biotechnology/ Medical Microbiology or Any subject of Life Science/ Agriculture Science/ Veterinary Science (with Biotechnology or Microbiology) are eligible for enrollment to Ph. D. course in Biotechnology or Microbiology under Allied Health Science Faculty.
- c) **Public Health:** Any PG degree from recognized University equivalent as per PIMS (DU) in the following subjects are eligible for admission to Ph. D. in Public Health in this University under Allied Health Sciences Faculty.
- i) PG in Public Health
 - ii) MD/ MS in Medical subjects
 - iii) MDS in Dental subjects
 - iv) M. Sc. in Nursing subjects
 - v) MPT in Physiotherapy
 - vi) M. Sc. in Microbiology / PG in Life Sciences subjects/ Biotechnology.
 - vii) PG in Ayurvedic Sciences
 - viii) PG in Veterinary Sciences
 - ix) PG in Agriculture Sciences/ Home Sciences/ Pharmacy.
 - x) PG in Social work or Social Science with two years experience as MSW in any NGO/ Government organization involved in Public Health/ Community Health
 - xi) PG (MBA) in Management (Health Management or Hospital Administration)

xii) PG in Health Science

d) Inter Disciplinary Research in faculty of Allied Health Sciences in subjects of Interdisciplinary nature with reference to Health Sciences offered by a given or jointly by the Departments of constituent Colleges are as follows:

- i) Pharmacology/ Pharmaceutical Science (offered by Dept. of Pharmacology RMC) (Eligibility MSC Pharmacology/ M. Pharmacy)
- ii) Radiation Physics (offered by Department of Oncology / Radiation Therapy / Radio Diagnosis of RMC) (Eligibility: PG in Radiation Physics/ Physics with specialization in radiology/ MD in Radiation Therapy).
- iii) Health Profession Education (offered by Dept. of MET cell of RMC) (Eligibility: Any PG Degree in Medicine/ Dental/ Nursing and Allied Health Science Subjects)
- iv) Biotechnology (Offered by Center for Biotechnology/ Dept. of Microbiology RMC) (Eligibility: Any PG degree in Life Sciences/ Bio Science Subject, Maser of Technology (Biotechnology)/ Agriculture Science, Veterinary Science and Ayurvedic Science)
- v) Microbiology (offered by Center for Biotechnology and Dept. of Microbiology RMC) (Eligibility: Any PG degree in Life Sciences Subject, Agriculture Microbiology, Veterinary Microbiology and Maser of Technology (Biotechnology) or any PG Degree with Microbiology as a subject of study)
- vi) Biochemistry (offered by Dept. of Biochemistry RMC) (Eligibility: PG degree in Biochemistry as a subject of study)
- vii) Health Science (Dept. of Community Medicine of RMC/ Microbiology of RMC/ CSM/ CBT) (Eligibility: PG in MPH/ M. Sc. In Biotechnology/ Microbiology/ Life Sciences subjects/ Ayurvedic Science/ Veterinary Science/ Agriculture Science/ Home Science).
- viii) Environmental Science (offered by Dept. of Community Medicine RMC/ Microbiology of RMC/ CSM/ CBT) (PG Environmental Science MPH/ M. Sc. In Biotechnology/ Life Sciences subjects/ Medical/ Dental/ Ayurvedic Science/ Veterinary Science/ Agriculture Science/ MBA with Health & Hospital Administration)

- ix) Human Anatomy (offered by Department of Anatomy RMC) (Eligibility: Any PG in Medicine/ Dental/ Veterinary Science/ Ayurvedic Science)

Note:

- i) These M. Sc. degree holders under this category while doing their Ph.D. shall confine themselves only to provide research inputs and perform investigative procedures and in vitro or animal/ plant studies or Laboratory/ field sciences. In case the clinical material or records or data is required, they shall collect it from authorized or Licenciated Health Professional Clinical Practitioner. They are not permitted to undertake human invasive methods. They are not permitted to treat patients
- ii) The Ph. D. degree to be awarded to those pursuing interdisciplinary research be given Ph. D. with a nomenclature as “Ph.D. in Interdisciplinary Subject under Allied Health Sciences Faculty” mentioning the original subject of PG studies followed by the subject of study at Ph. D. in bracket. e. g. Ph. D. in Interdisciplinary Subject under Allied Health Science Faculty (Botany-Biochemistry) or (Agriculture - Biotechnology) etc.

B) Candidates are eligible for applying Ph.D. program in this University,

- i. For Medical and Dental Faculty - the candidate shall have Post Graduate Degree qualification in the concerned subject.
- ii. For other than Medical and Dental - the candidate shall have Post Graduate Degree qualification in the concerned subject with at least 55% marks or its equivalent grade B in UGC 7 point scale (or equivalent grade in point scale wherever grading system is followed).
- iii. A relaxation of 5 % marks from 55% to 50% may be allowed for those belonging to SC/ST/DT/NT/SBC/OBC (Non – Creamy Layer) differently – abled and other categories of candidates as per the decision of the UGC from time to time, or for those who had obtained their Masters Degree prior to 19th September, 1991. The Eligibility marks of 55% and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark procedures.

- C) Post Graduate Degree obtained through distance education from the Open University will not be considered.
- D) In case of student with PG in interdisciplinary subject applying for Ph. D. in concerned/ cognate subject and if question arises about the faculty or any other thing related to his/ her subject, Committee for Equivalence of PIMS (DU) will take the appropriate decision in consultation with Vice Chancellor.
- E) Candidate possessing SET, NET, GATE and M. Phil will be exempted from Entrance Examination.

3. Duration of the Program:-

a. Full Time Candidates:

The candidate registered for the Degree of Doctor of Philosophy (Ph.D.) as full time research scholars shall undergo research work for minimum period of three years from the date of registration. However candidates with MD/ MS/ DNB/ MDS/ DM/ M. Ch qualifications, the minimum period of research work shall be Two years.

The maximum period of research must not exceed Six years for full time candidates.

b. Part Time Candidates (Internal) [Candidates serving at PIMS (DU) and perusing Ph. D. at PIMS (DU)]:

The candidate registered for the Degree of Doctor of Philosophy (Ph.D.) as part time research scholars shall undergo research work for minimum period of Three years from the date of registration. However candidates with MD/ MS/ DNB/ DM/ M. Ch qualifications, the minimum period of research work shall be Two years.

The maximum period of research must not exceed Six years for part time (internal) candidates

c. Part Time Research Candidates (External):

(Please also refer Regulation 2 infra)

Notwithstanding anything contained in these regulations, candidates possessing any one of the qualifications prescribed under regulations (2AI, 2AII, 2AIII & 2AIV) from this University or from any other university recognized as equivalent thereto and employed as a teacher or scientist in Research Laboratories/ Research and Development (R&D) Centers/ Industries/ Universities in India which established and managed by State or Central government, satisfying the stipulations under Regulation 4 and who are permitted

by the respective organizations for pursuing research leading to the Ph.D. Degree of this Deemed to be University on a part-time basis while continuing in employment, may be permitted to register for the Ph.D. programme on a part-time basis as external candidates. These candidates are expected to do research in their place of employment and in addition to the Guide from this Deemed to be University, they shall have a Co-Guide from the institution where they are employed, provided such experts are recognized as guides for Ph.D. research by this Deemed to be University or the host University. The Co-guide of the candidate at the place of employment and the Guide at this Deemed to be University shall submit the certificate of attendance (with dates) to the Ph. D. section along with half-yearly progress reports.

Minimum period of research work for the part time external candidate will be four years from the date of registration. The candidates with Medical background as mentioned in Rule 3a and pursuing Ph.D. as an external part time candidate, the minimum period of research will be three years.

The maximum period of research must not exceed seven years for part time (external) candidates from the date of registration.

- d. **Extension of Duration of Study** up to a maximum period of one year at a time (beyond the period mentioned in clause 3 a, b, c) may be given by the Vice Chancellor on the recommendation of Research Advisory Committee/ Doctoral Research Committee. The Committee will prepare the note and submit it for the approval of Vice Chancellor only if considerable work has been done by the candidate. The candidate concerned must submit the application for extension through his/her guide and Head of the Place of Research, three months before the expiry of the registration period. (As per clause no. 4.3 of University Grants Commission (Minimum Standards and Procedure for Award of M.PHIL./ Ph. D Degrees) Regulations, 2016, Extension beyond the above limits will be governed by the relevant clauses as stipulated in the Statute/Ordinance of the individual Institution concerned).
- e. After the expiry of maximum duration and even after the extension [6 + 1 years for Full Time Candidates, Part Time Candidates (Internal) and 7 +1 for Part Time Candidates (External)], if the candidate fails to submit the thesis, his/her admission shall be automatically cancelled without any notice. However, such candidate can seek re

registration as per the admission guidelines after successful completion of admission procedure as laid down by PIMS – DU.

- f. The female candidates and persons with disability (more than 40% disability) may be allowed a relaxation of two years for Ph.D. in the maximum duration. In addition, the female candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of Ph.D. for up to 240 days (the progress reports must exclude this maternity period).
- g. If the candidate desires, he/she can partially change modify the title of the research provided the candidate seek approval from Research Advisory Committee/ Doctoral Research Committee and ethical approval from Ethics Committee of Directorate of Research, before the completion of three years of research work. The proposed work if needs major modification, shall be done within two years of registration. In such case, the minimum six progress reports must be submitted before seeking Pre. Ph. D. presentation and synopsis submission (This clause will not apply in those cases which in the Research work, aims and objectives and methodology remain the same, except change in the wording of title to give better meaning for the old title and objectives).

4. Recognized Institutions For Ph.D. Degree:

Every candidate who has registered for the Degree of Doctor of Philosophy (Ph.D.) shall pursue research under the supervision of a Guide in any one of the following Departments/ Institutions, wherever applicable recognized by this Deemed to be University, namely:-

- i. Any Department of this University.
- ii. Postgraduate Departments of recognized Universities established and run by state or central Government situated within the country having necessary facilities for carrying out research in the branch of study concerned provided the Department has been offering the postgraduate course for a minimum period of Three years.
- iii. All India Research Institutions, Regional Research Institutions or any other Non-teaching Research Institution / Industries established and run by State or Central Government having necessary facilities for carrying research in the branch of study

concerned and approved by this Deemed to be University (ANNEXURE- XIV) for requirements.

For the purpose of granting recognition to an institution [Research centers to carry out Ph. D. work for external candidates (vide supra)] covered under regulations (4ii, 4iii) above, the request in prescribed proforma, with prescribed fees for recognition as Research Centre for Doctoral work) the Expert Committee shall ensure the compliance of the provisions given in UGC regulations for the recognition of Research Centers made by such institution will be considered for recognition by Deemed to be University based on the onsite visit and recommendations of University Expert Committee; a decision will be taken by the Vice-Chancellor taking into account the research facilities available therein.

5. Procedure for Admission:-

Research Advisory Committee/ Doctoral Research Committee will appoint a committee to conduct PIMS - AIPET with Chairman and Members as well as paper setter/ evaluators. This committee in consultation with Research Advisory Committee/ Doctoral Research Committee will arrange for Notification, scrutiny of application, conduct PIMS - AIPET and announcement of results.

All India Ph. D. Entrance test come Admission Coordination Committee [nominated by PIMS (DU)];

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|------|--|------------|
| i. | Advisor & Coordinator, Ph. D. Section, (Professor designate) | - Chairman |
| ii. | Directorate of Research (PIMS - DU) | - Member |
| iii. | Two Ph. D. Guides/ Two Professors | - Members |
| iv. | IQAC coordinator/ NIRF coordinator | - Members |
| v. | Dy. Registrar/ Assistant Registrar (Academic) | - Convener |
- a. Admission to Ph.D. program shall be made after inviting applications for entrance examination through notification issued by the Registrar of PIMS-DU once in a year.
- b. PIMS–DU will decide on an annual basis through their academic bodies a predetermined and manageable number of Ph.D. scholars to be admitted depending on the number of

available research supervisors (scholar – teacher ratio as per UGC norms) and other academic and physical facilities available.

- c. Applications for entrance examination shall be made in the prescribed forms, which shall be available on the university website (www.pravara.com) or at the Registrar Office of the PIMS – DU.
- d. The duly filled application forms and prescribed fee paid receipt shall be submitted to the Registrar office of PIMS – DU on or before the last date mentioned in the notification (ANNEXURE -I).

6. Pattern of the Entrance Examinations:-

- a) For Entrance Examination, there would be two papers i.e. Paper – I and Paper – II.

Paper – I would be based on Research Methodology for 100 marks.

Paper – II would be Subject (specialty) wise for 100 marks.

Table No: 1 Scheme of Examination

SN	Papers	Subject	Pattern	Marks	Total
1	Paper: I	Research Methodology	MCQs	100	100
2	Paper: II	Subject Specific	MCQs	20	100
			LAQ (3X20)	60	
			SAQ (2X10)	20	
			Total	200	200

Note: the University may change the pattern of Entrance Test and Question paper based on need. However when such change is made, it shall be informed to students applied in advance.

- b) The syllabus for Paper I Research Methodology shall be as prescribed by PIMS (DU) from time to time and syllabus for Paper II shall be specific to the respective subject and will decide the nature of theoretical questions and weightage to be given on various components of theory questions. The syllabi of various papers covered under different boards and faculties will be decided by the teachers of the respective subject/Board of Studies of the constituent institutes of the University. The approved syllabi of Paper I & II will be notified at least 30 days before the date of the examination.
- c) **Standard of Passing:** Candidate has to pass separately in Paper I and II. The passing percentage will be 50% in each paper. (45% of passing for candidates belonging to

SC/ST/DT/NT/SBC/OBC categories). The list of successful candidates will be declared faculty wise on the University website.

- d) The result will be valid for the registration in the same academic year only.
- e) The successful candidates at entrance examination for Ph. D. program shall have to appear for the interview before the interview committee constituted by the Vice Chancellor.
- f) All such candidates successful in PIMS - AIPET will be informed by PIMS (DU) to appear for an interview on a specific date and time. Such candidates will be interviewed by Research Advisory/ Doctoral Research Committee mainly for the knowledge of candidate in the subject and his/her aptitude for research in particular and the interest in research topic and feasibility to carry out the work at PIMS – DU.
- g) Based on the combined merit of PIMS - AIPET cum interview performance (70:30 weightage or as per UGC norms notified) merit list shall be prepared.

7. Admission/Registration after the interview:-

- i. All the selected candidates as per merit list for the Ph.D. program shall apply to the Registrar, PIMS – DU in the prescribed application form along with the registration fee as may be prescribed from time to time, ordinarily within a period of one month from the date of selection to Ph. D programme and the date specified by the University.
- ii. The selected candidate shall submit along with the application eight copies of his/her Ph.D. proposal/ plan of work as per the Guidelines to the Ph. D. Cell (ANNEXURE - II).
- iii. The selected candidates (based on the vacancies with available guide) will be permitted to submit the application for the consideration of provisional registration and shall be required to make a brief presentation on the date and venue fixed by PIMS (DU) before Research Advisory/ Doctoral Research Committee.
- iv. The presentation will be arranged by the Academic Section (Ph. D. Cell) of the University on a date suggested by the Research Advisory/ Doctoral Research Committee. After satisfactory presentation, the Committee will prepare a report on the basis of presentation and allotment of the Research Guide. In case of any suggestions given by the committee for improvement of topic, the candidate shall make changes accordingly and present the topic again before the said committee within fifteen days of the earlier presentation.

- v. The Research Advisory/ Doctoral Research Committee shall finalize the list of approved candidates for provisional registration and the candidate shall be given provisional admission/registration letter (ANNEXURE – III). In case of any representation, the Vice Chancellor in consultation with Dean and Guide will take appropriate decision.
- vi. The Guide shall be allotted by the Research Advisory/ Doctoral Research Committee only. It is not the prerogative or choice of either the candidate or the guide.
- vii. The Research Advisory/ Doctoral Research Committee shall consider approval of the topic of Research and appoint, in case of inter-disciplinary subjects (or if the applicant prefers to work at recognized Research institutions/ centre), co-guide/s recognized by the University.
- viii. There is no provision for Self Guide.
- ix. Candidate has to seek Technical, Scientific and Financial Committee approval and approval of Ethics Committee for clearance for her/his research project for confirmation of registration to Ph. D. Course (within 2 months from the date of approval by Research Advisory/ Doctoral Research Committee).
- x. The date of Confirmation of Registration shall be the date of confirmation of Ph. D. topic by Ethics Committee of the University (ANNEXURE – IV).
- xi. If the candidate desires, he/she can partially modify the title and the proposed plan of the research provided the candidate seeks technical and ethical approval from Directorate of Research. Ph. D. Research Committee and the Research Advisory/ Doctoral Research Committee concerned shall approve such changes on the recommendations of the Guide and the Head of the Place of Research, subject to other provisions.
- xii. The entire procedure for provisional Ph. D. admission shall be as per academic calendar announced by Academic Section. The selection and admission procedure may be completed within 90 days of Notification. The first term of Research work will be w.e.f. first of January of the year (after the completion of selection & admission process) as per Academic calendar.

8. Allocation of Supervisor (Guide):

- A) Eligibility criteria to be a Research Supervisor, Co- Supervisor, Number of Ph.D. scholars permissible per Supervisor are as follows;

- a. For Medical and Dental faculty, any full time regular teacher who has minimum 15 years approved teaching experience as Assistant Professor and above, after obtaining Post Graduate Degree, out of which minimum 10 years as a Post Graduate teachers in the concern subjects or allied subject and should have published at least 5 research papers as a first author/ corresponding author (out of which two are required to be published after completion of PG) in National or International Indexed Journals.
- b. For other than Medical and Dental faculty, any full time regular teacher possessing Ph. D. degree and who shall have minimum 5 years teaching/ research experience in the capacity of Assistant Professor and above rank (out of which 2 years post Ph. D. experience) after obtaining post graduate degree and should have published at least 5 research papers as a first author/ corresponding author (out of which two are required to be published after completion of Ph. D.) in National or International Indexed Journals.
- c. Provided that in areas/disciplines where there is no or only a limited number of refereed journals, the Institution may relax the above condition for recognition of a person as Research Supervisor/ Guide with reasons recorded in writing.
- d. Only a full time regular teacher of the concerned University/Institution Deemed to be a University/College can act as a supervisor/ Guide. The external supervisors are not allowed. However, Co- Supervisor can be allowed from other departments of the same institute or from other related institutions with the approval of the Research Advisory Committee.
- e. 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.
- f. Any expert or scientist working in the recognized Research Institution or Health Science Industry, having Ph. D./ MD/ MS/ MDS qualification in the concerned specialty with ten years research experience and should have published at least five research Papers as a first author in National and International Indexed journals, can be recognized as a co-guide.
- g. Any request for approval of guide from exceptional researchers not fulfilling the criteria of experience and publications will be placed before the Research Advisory/ Doctoral Research Committee and if recommended will be approved as a Supervisor/ Guide by the Vice Chancellor.

B) The recognized guide shall officiate up to the age of 67 years and he/ she shall not enroll new candidates after the age of 67 years in case of Medicine and Dentistry faculty and 65 years in case of other faculties.

C) After the retirement of Guide/ Supervisor, if the both supervisor and research scholar or the research scholar desires to change the supervisor he or she may be permitted provided the previous supervisor and the new supervisor have no objection. This is applicable provided the supervisor / Ph. D. scholar has sufficient rational ground to do so, which will be approved by Research Advisory/ Doctoral Research Committee.

In case of retirement or transfer of research guide if the candidate has almost completed the research work and already fulfilled the requirement of progress reports (more than six reports are submitted, Pre submission collegium is due or in cleared) the said teacher may be continued as a guide if he/ she has no objection to it.

In case the candidate is yet to complete research work or has submitted less than four progress reports, in this case change of guide be allowed provided that the candidate has to work for a minimum of one year (two progress reports or a total of minimum six progress reports) before submitting the Pre. Ph. D. collegium/ presentation. In all other extraordinary cases, the decision of Research Advisory/ Doctoral Research Committee decision be final, however due opportunity of hearing to candidate or Guide, be given to justify their stand.

D) In case of topics are of inter- disciplinary nature where the Head of the Place of Research and Guide feels that the expertise in the Place of Research has to be supplemented from outside, Head of the Place of Research & Guide/ Supervisor may recommend a Research Supervisor from the Place of Research itself or from reputed and recognized Universities/ Institutions as co-guide, provided that he/ she fulfill the eligibility of the Ph. D. Guide.

E) The allotment/allocation of Research Supervisor (Guide) shall not be left to the individual candidate or guide only. An approved supervisor will be a faculty member of the PIMS – DU constituent units in the subject concerned or Cogent. Normally a candidate shall be required to complete her/his doctoral research under the supervision of the guide allotted to him/her.

F) A Research Supervisor who is a Professor, at any given point of time, cannot guide more than **Eight (8) Ph.D. scholars**. An Associate Professor as Research Supervisor can guide up to a maximum of **six (6) Ph.D. scholars** and an Assistant Professor as Research Supervisor can guide up to a maximum of **four (4) Ph.D. scholars**.

- G) A new guide shall be allotted to a research scholar in case the original supervisor leaves for abroad or leaves the institutions or he/she is not available for any other reason to guide the student. The Research Advisory/ Doctoral Research Committee concerned may allow change of guide on the production of a 'No Objection Certificate' from the first guide (if available) and an acceptance letter from the new guide.
- H) In case of such a change, the candidate shall work for a minimum period of one calendar year under the new guide before he/she submits the Pre. Ph. D. collegiums and synopsis subject to acceptance of minimum six progress reports. A 'No Objection Certificate' (NOC) will not be required if the candidate justifies the non-availability of his guide. The justification will have to be endorsed by the Head, Place of research. In case of any dispute/problem, non-availability of the guide, the Vice-chancellor on recommendation of the Dean of the Faculty concerned, will take an appropriate decision.
- I) In case the candidate has worked under the Guide/ Supervisor for Three years and submitted Six progress reports, in the event of Research Guide leaves the institution due to any acceptable reason, he can continue to Guide the student. If he declares so in writing subject to acceptance of same by the candidate and University till the completion of work and declaration of result.
- J) In any case, a candidate cannot work under a supervisor who is his/her kith and kin.
- K) In case of a dispute between a candidate and his guide, the committee consisting of the following shall examine the matter and report to the Vice Chancellor, whose decision shall be final.
1. Dean of the Faculty concerned - Chairman
 2. Nominee of the Vice Chancellor - Member
 3. The Head, Place of Research [If the complaint is against Head/the Dean, he/she shall not participate in the proceedings of the meeting. In that case, additional member/s may be appointed by the Vice Chancellor to replace Head/ Dean. - Member
 4. The Director Research - Member
 5. PIMS (DU) Research Coordinator - Member
 6. Deputy Registrar/ Assistant Registrar Academic - Convener
- L) The report shall include, among other things, specific recommendations as per format.
- M) The candidates who have been intimated about their selection for Ph.D. program shall have to report the Dean/Director/Principal of the college concerned where the department

exists (through the supervisor concerned and Head of the Department) after paying the prescribed fees from time to time.

N) If any candidate submits the thesis or cancels his/her registration, a position falls vacant with the supervisor.

O) There can be a provision for co- supervisor/ guide in case of interdisciplinary research.

9. Course work, leading to Pre. Ph. D. examination:

The course work is compulsory: All candidates admitted to the Ph.D. program shall be required to complete the course work prescribed by the department during the initial one to two semesters.

Candidates already holding M. Phil. degree and admitted to the Ph.D. programme and those who have already completed the course work in M.Phil. and have been permitted to proceed to the Ph.D., may be exempted by the Department from the Ph.D. course work.

The candidate registered for the Ph.D. program shall be available in the department of study during the Ph. D. programme and the head of department along with Guide/ Co- Guide shall maintain their muster roll in the department.

A candidate shall ordinarily work in a recognized place of research including the University Departments, Research Institutes recognized by the University.

- i. Admitted candidates shall be required to undertake course work organized jointly by Department and by the Ph.D. Cell of the University and Department and Director of Research as the case may be. The course work shall be treated as pre Ph.D. preparation. The University shall decide the minimum qualifying requirement for allowing a candidate to proceed further. If found necessary course work may be carried out by doctoral candidates in related Departments/Institutes either within or outside the University, for which due credit will be given to other Departments/ Institutes.
- ii. The research scholar has to undergo around 60 hours for Research Methodology/ teaching/ learning/ interactive sessions which includes research methodology, quantitative methods, computer application, tools and techniques including instrumentation, communication skills, seminar presentation and review of published research and microteaching (arranged jointly by Director of Research & Ph. D. cell).
- iii. The research scholar has to undergo 60 hours (Four Credit) for subject specific teaching/ learning/ interactive sessions/ research methodology (in detail) and statistics course work, and advance techniques (arranged by Department concern).

- iv. The research scholar has to undergo 30 hours (Four Credit) for field work, seminar (hard Copy) and other academic activities planned and carried out by the respective departments, and the necessary documents shall have to be submitted to the Registrar of PIMS – DU on demand.
- v. The candidate registered for Ph.D. program should give a minimum of two (2) seminars and one Report on systematic review of literature related to topic as a part of course work before the completion of one year (i.e. two progress reports).
- vi. The formative evaluation of the researcher will be done by the Head of the Department and the Guide of the candidate where he/she is carrying out research work and the report should be send to Ph.D. Cell of the University within 15 days after the formative internal evaluation.
- vii. The candidate should publish at least two research papers related to the Ph.D. title in a peer reviewed, referred, indexed journals (in Scopus, Pub med, Medline, Embase, Index Copernicus, Index Medicus) before submission of thesis. The candidate should quote the affiliation address (Name of the Department, Constituent Institute and University i.e. PIMS – DU) in the publications, and should produce the certificate of publication/reprint of the articles published from the PIMS – DU Directorate of Research. This is a mandatory condition before the candidate is permitted to submit the synopsis followed by thesis.

10.Pre Ph.D. Examination, after the course work:

- a) The candidate admitted to Ph.D. program shall have to appear for Pre Ph.D. examination.
- b) Pre Ph.D. examination shall be conducted after six months from the date of registration, once in six months.
- c) The PIMS – DU Directorate of Research and Admission coordination committee jointly coordinate the pre Ph.D. examination, and if the candidates who do not pass the pre Ph.D. examination in maximum 3 attempts, the registration shall be considered as cancelled.
- d) Advisor and Coordinator, Ph. D. Cell, shall be Ex. Officio Chairman for Pre. Ph. D. Examination Committee and in consultation with Vice Chancellor other members of the said Committee shall be appointed.
- e) The pre Ph.D. examination for all the faculties shall consist of examination in two theory papers (Paper – I and Paper – II). The syllabi for the papers shall be approved by the respective Faculty/Dean and Directorate of Research.

Paper – I would be Research Methods and Basic Statistics of 100 marks with 10 long answer question (LAQ) and Paper – II would be Subject wise/Faculty wise test (decided by the teachers of the respective subject/board of studies of the constituent institute of the university and the same will be notified at least 100 days before the date of the examination) of 100 marks with 10 long answer questions (LAQ). There may be sub question in the main question. There will be Double evaluation system for theory papers.

- f) Researcher has to appear for Paper – I and II and has to pass separately with minimum of 55% mark in each Paper. The list of successful researchers will be declared Faculty – wise on the University notice board. If the researcher fails in a paper, he/she has to appear only in that paper in the next Pre. Ph. D. Examination.
- g) Pre. Ph. D. Examination structure:

Sr. No.	Paper No.	Total hours and credit	Title of Paper	Max. Marks	Minimum marks for passing	Duration of Exam	Question Paper Pattern
1	I	60	Research Methodology and Statistics	100	55	3 hrs	10 LAQ (10 marks each) One LAQ may have 2 Sub Question.
2	II	60	Subject Specific paper and Topic Specific paper	100	55	3 hrs	10 LAQ (10 marks each) One LAQ may have 2 Sub Questions. Out of 10 LAQs, (10 th one shall be Topic related i.e. it will be choice for each candidate).

Duties and Responsibilities:

Director of Research: To conduct classes, lecture, workshop, interactive sessions on Research Methodology and Statistics.

HOD and Ph. D. Guide: Teaching/ discussion 60 hours of paper II. Lecture, seminar assignments, to be given by the candidate as per Paper II syllabus. Documents of the same shall be submitted to the chairman Pre. Ph. D. Examination committee within time schedule. It shall also be maintained at Academic Section and at the Department.

HOD and Guide shall issue a Certificate for the completion of task assigned (Two seminar presentation and one Report on detailed review of literature).

11. Research Advisory cum Doctoral Research Committee:

There shall be a Research Advisory Committee/ Doctoral Research Committee for Ph.D. scholars, its composition is as follow;

- | | | |
|-------|---|-----------|
| i. | Senior Dean will preside over the Meeting | -Chairman |
| ii. | Deans of all faculties | - Member |
| iii. | Director of Research, PIMS (DU) | - Member |
| iv. | Advisor and Coordinator, Ph. D. cell, PIMS (DU) | - Member |
| v. | Head of Department Concerned | - Member |
| vi. | Ph. D. Research Guide concerned | - Member |
| vii. | One Internal Subject Expert (other than Ph. D. Guide) | - Member |
| viii. | One External Subject Expert | - Member |
| ix. | Registrar/ Deputy Registrar/ Assistant Registrar | -Convener |

[Note:- External Subject Expert to be called at the time of accepting final progress report and granting permission for completion of work and move for Pre. Ph. D. presentation and again to be called for Pre Ph. D. presentation for granting permission to submit the synopsis]

This Committee shall have the following responsibilities:

- Committee will meet on a given day faculty wise, subject wise, compulsorily at least once in six months as and when required for specific work as per University circular/ letter..
- Conduct interview of the successful candidates in PIMS - AIPET for Ph. D. admission, make selection of candidates and allot suitable guides. Further it has to review the research proposal and finalize the topic of research.
- 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.
- Periodically review the six monthly progress reports and assist in the progress of the research work of the research scholar.
- A research scholar shall appear before the Research Advisory cum Doctoral Research Committee once in six month to make a presentation of the progress of his/her work for

evaluation and further guidance. The reports shall be submitted by the Research Advisory/ Doctoral Research Committee to The Registrar, PIMS (DU).

- f. In case the progress of the research scholar is unsatisfactory, the Research Advisory/ Doctoral Research Committee shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Research Advisory/ Doctoral Research Committee may recommend with specific reasons for cancellation of the registration of the research scholar.
- g. To appoint committee for conduct of PIMS - AIPET.
- h. To take the interview of successful candidates in PIMS – AIPET based on a standard format.
- i. To take appropriate decision for allotment of Guide/ Change in Guide/ appointment of co-guide.
- j. There shall be a Research Promotion Board/ Research and Recognition Committee of PIMS (DU) as per bye laws to provide policy of PIMS (DU) on promotion and review of research activities and output.

12. Progress report and their Monitoring:

- i. All the registered candidates shall have to be required to submit elaborate progress report every six months in prescribed proforma to Registrar of the university through their research Guide and HOD (ANNEXURE - V).
- ii. If a candidate fails to submit two reports consecutively, his/her registration may be treated as cancelled on the recommendation of the Research Advisory/ Doctoral Research Committee, based on the report of Head and Dean of the Faculty concerned as well the Guide and Academic section and same shall be communicated to the candidates.
- iii. The Academic section Ph. D. cell shall place the half yearly progress reports of the research student before Research Advisory/ Doctoral Research Committee meeting, once in six months to scrutinize/assess the work performance of the research scholar.
- iv. The Committee shall scrutinize the progress reports and prepare a brief statement on the progress of the candidate. In case of dispute, the Dean of the Faculty concerned shall take final decision. The Head, Place of Research shall maintain the record of these reports and statements and a copy each marked to the office of Registrar for documentation.
- v. Candidate has to exhibit, the collected data and log book of his/her work duly signed by the Guide on demand by the Committee.

- vi. The researcher has to pay the necessary fees prescribed and notified from time to time every year/ semester.
- vii. The committee may accept six monthly progress reports / reject it/ direct the candidate to slightly modify the work and present.
- viii. There shall be a minimum of six progress reports to be accepted by Research Advisory/ Doctoral Research Committee as satisfactory, before the candidate is permitted on his/ her request to give Pre Ph. D. collegiums before the committee.
- ix. The committee may direct the candidate to work beyond six terms/ three years and submit progress reports till the committee records in writing that the work carried out as per progress report is satisfactory and sufficient to allow the candidate to submit Pre Ph. D. collegiums and after its successful completion, permit the candidate to submit synopsis.
- x. The candidate shall pay the fee for all the terms till he/ she permitted to submit thesis by the committee.

13.Submission of Thesis:-

- i. At least three months before the possible date of submission of the thesis, and after the minimum prescribed mandatory period based on the permission of the Research Advisory/ Doctoral Research Committee to compile the completed research work and to give Pre. Ph. D. collegiums, candidate shall give a Pre Ph. D. presentation to be arranged by the Ph. D. Cell at the Place of Research on the request of the candidate duly endorsed by the guide.
- ii. The details or research work, review of relevant literature, aim and objectives, and action plan of work carried out and the final plan of the thesis will be presented by the research scholar before Research Advisory/ Doctoral Research Committee and open to all faculty and students. The research committee will ensure that the suggestions/corrections/ comments given at the time of presentation shall be incorporated in the synopsis and thesis by the candidate. In case of need the Research Advisory/ Doctoral Research Committee shall meet again to review the presentation of the candidate to ensure incorporation of all the suggestions and corrections. Further the committee shall certify for the incorporating of the suggestions and corrections.
- iii. The special invitees, External subject experts as members, faculties and interested research scholars be invited for Pre-Ph. D. Presentation.
- iv. The submission of draft synopsis may be permitted only after successful completion of Pre Ph. D. Presentation and certificate by Guide (ANNEXURE – VIII), HOD, Dean, and

Research Advisory cum Doctoral Research Committee that all the suggestions given are incorporated. The draft synopsis should contain introduction, chapter wise brief account of the work done and overall conclusions (ANNEXURE – VI).

- v. In the light of the discussion during the Pre Ph. D. presentation mentioned above, the candidate shall submit ten (10) copies of the final synopsis of his/her thesis to the Registrar through his/her guide within three month from the date of presentation of pre Ph. D. presentation and Research Advisory cum Doctoral Research Committee certification. The guide in consultation with HOD and Dean will recommend list of referees/ experts (eight from within state and eight from outside state who are approved Ph. D. guides) through the HOD, HOI and Dean to the academic section for approval of examiners by the Vice Chancellor of the University.
- vi. The synopsis will be referred to at least Ten (10) external examiners (outside state five and five external examiners within the state) (who are also Ph. D. Guides) from the panel, approved by the Vice Chancellor. Expert be requested to give suggestion, modification/ addition/ deletion and reinterpretation and finally to accept the synopsis or not (with or without modification). The candidate be instructed about the corrections to be made and modifications needed as per the observations of external experts. If minimum six experts out of ten approves and accept the synopsis, the candidate may be permitted to submit the thesis (in four copies) as per prescribed norms.
- vii. The candidate shall be allowed to submit his/her thesis (ANNEXURE – VII) within three months from the date of permission granted to submit thesis, failing which the candidate will have a pay the prescribed fine for late submission. Late submission of thesis shall be allowed up to the completion of one year from the date of submission of the synopsis or till the expiry of the registration period, whichever is earlier.
- viii. The thesis shall be submitted in compact bound form along with a soft copy (CD). Along with the thesis, five copies of the abstract shall be submitted.
- ix. The final thesis shall be presented in accordance with the following specifications:
 - a. The paper used for printing shall be of A4 size bond paper.
 - b. Printing shall be in a standardized form on one side of the paper and in 1.5 line spacing; font: Times New Roman, font size 12.
 - c. A margin of 1.5 inches shall be on the left hand side.
 - d. The card for cover shall not be more than 330 GSM.
 - e. The title of the thesis submitted for the Award of Ph. D. in subject, faculty, name of the candidate, degree, name of the guide and the month and year of submission along

with name of the Department and Institution & University shall be printed on the title page and the front cover.

- f. The hard-bound thesis cover shall be of Black color or any other colour specified by University time to time. Spine of the binding [side cover] should mention 'Ph.D. Thesis' on the top, Name of the Candidate and Month and year and PIMS (DU).
- g. The reference and bibliography of the thesis be written in Harvard style.
- h. The candidate shall submit to the Registrar four copies of his/her thesis (one copy to be kept for self) through proper channel (Guide – Head of Dept. – HOI- Registrar) and keep the letter submission duly signed by Guide, HOD and HOI an acknowledgement of the receipt of thesis by the Research Guide and the Head, Place of Research.
- i. The thesis shall include a certificate of the guide (ANNEXURE- VIII) and a declaration by the candidate (ANNEXURE- IX) that the work reported in the thesis has been carried out by the candidate himself/herself and data not submitted to other university for any other Degree/ Diploma and that the material from other sources, if any, is duly acknowledged, apart from copy of Ph. D. registration, Ethics Committee and Technical Committee clearance certificate, certificate from MRD (for verification of Hospital Data , clinical material and patient data used by student) regarding the details of clinical cases used in the present study duly signed by Head of MRD and certificate from Chairman Animal House and Animal Ethical committee (in case of animal experiment/ methodology).
- j. The Ph. D. thesis submitted for examination have to go through anti plagiarism check, as per UGC guidelines & norms with the verification certificate mentioning the software used from his/her research guide (ANNEXURE- XIII), endorsed by Director Research of PIMS (DU).
- k. Along with the thesis, the candidate has to submit the proper receipt showing that the prescribed examination fee has been paid as notified by the University, and a 'No Dues Certificate' (NOC) [from Institute, Department, Finance, Hospital, Library and support services and facilities] has been obtained & submitted.

14. Evaluation of the Thesis for the Acceptance of the Ph. D. Thesis:-

- i. The procedure for the appointment of examiners shall be undertaken soon after the candidate submits his/her synopsis.

- ii. The examiners will be selected by the Vice Chancellor from the approved panel to whom the synopsis was submitted, as forwarded by the Research Advisory/ Doctoral Research Committee.
- iii. The thesis would be sent to three examiners: one internal examiner (Guide of the candidate) two external examiners (who are PG and Ph. D. Guides) preferably one from within the state and one from outside the state. The Deemed to be University may also prefer examiners from foreign countries based on the circumstances. The examiners will submit the report of recommendation to the Registrar in the prescribed format (ANNEXURE – X) along with a duly signed report on the thesis.
- iv. The Registrar will seek the reports from the examiners within three months from the date of receipt of the thesis by the examiners in duly filled in printed proforma and duly signed proforma & report on the thesis.
- v. When all the three reports are favorable and recommends for the acceptance of the thesis, then the University shall proceed further for conducting Viva Voce. In case any of the examiners suggests correction or modification on the presentation of thesis, then the candidate shall be instructed to comply with the same and resubmit the thesis. In case the examiner(s) seek clarification and or explanation, then the candidate shall comply with it within the specified duration/ time.
- vi. In case one out of two external examiners give unfavorable report, then the Registrar of the University shall get the thesis examined by an additional examiner from the panel of examiners approved by the Vice Chancellor. If the additional examiner also gives an unfavorable report, the candidate will be declared to have failed and in case both the examiners give unfavorable report then the thesis will be rejected
- vii. The Viva Voce for the thesis will be called for after the receipt of all three favorable reports from the examiners.

15. Viva Voce Committee:-

- i) The Chairman for the Viva-Voce and the Panel of members to adjudicate the defense of the thesis shall be appointed by the Vice Chancellor preferably from the list of the panel experts, the experts who have evaluated thesis or in case of non availability of three of them, two experts from the panel suggested by the guide approved by Vice Chancellor through HOD/ HOI and Dean. The Viva Voce committee shall include Dean, HOD and Two external referees and Research Guide and preferably Dean of the faculty and chairman of Doctoral Committee to be extra Chairman of the Committee.

- ii) The day, date, time and the place for the Viva Voce and the defense of thesis shall be notified by the Registrar of the University at least fifteen days in advance. Normally, the Viva Voce and the defense of the thesis shall be arranged in the University.
- iii) The defense of the thesis shall take place in the presence of the Guide cum Internal Examiner, Two External Examiners, Dean and the HOD/ Chairperson, who shall jointly evaluate the performance of the candidate. Dean shall preside over the viva voce test and examination. In case of dispute, the Research Advisory/ Doctoral Research Committee shall take an appropriate decision in consultation with Vice Chancellor. The decision of Vice Chancellor shall be final and binding on all.
- iv) The examiners present for the viva-voce and the defense of the thesis shall submit to the Registrar their final consolidated report (ANNEXURE-XI) along with the reply given to the queries raised by the external examiners (if any) in the written form, signed and accepted by the members of the Viva-Voce Panel, and a list of the persons attending the open defense (ANNEXURE-XII), in respect of the award of the Ph. D. degree immediately after the defense is over.

16. Acceptance/ Rejection of the Thesis for Award of Ph. D. Degree:-

- i) The University shall notify the acceptance of the Thesis by the University (submitted by the candidate and successfully accepted by Examiners and Viva Voce committee) for the award of Ph. D. in the specified topic, subject and faculty. Provisional Certificate may be issued to the candidate and the Degree will be awarded and conferred in the Annual Convocation.
- ii) In case the defense is not satisfactory, the examiners may unanimously recommend with reasons that a fresh Viva-Voce and defense of the thesis be organized within two months after the initial not satisfactory report. If the defense is still not satisfactory, the Committee would record the reasons for the same. The Committee may recommend the resubmission of the thesis with suggested changes or recommend the rejection of the thesis.
- iii) If the thesis of a candidate is rejected, he/she may be permitted to register himself/herself afresh for the Ph.D. program and he/she shall be exempted from entrance test and passing the Pre Ph.D. examination based on the recommendations of examiners (in case they have already passed in them already).
- iv) A copy of every Ph.D. thesis along with electronic version for which the degree has been awarded shall be placed in the University library. The thesis shall be the joint property of

the student, supervisor and the PIMS – DU University for the purpose of intellectual property rights.

- v) Patent/ Copy right if any PIMS should be integral part of it.

17. Depository with INFLIBNET:

- i. Following the successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree, the Institution concerned shall submit an electronic copy of the Ph.D. theses to the INFLIBNET, for hosting the same so as to make it accessible to all Institutes/Colleges.
- ii. Prior to the actual award of the degree at the annual convocation, the PIMS-DU shall issue a Provisional Certificate to the effect the candidate has been found eligible for the award of Ph. D. Degree and will be awarded in accordance with the provisions of these UGC Regulations, 2009 and 2016. The overall result shall be officially declared by the Registrar normally within fifteen days from the date of the receipt of the favorable report on the Viva Voce and defense of the thesis.

18. Cancellation of Ph.D. registration:-

The Vice Chancellor may cancel the admission of a candidate on the recommendations of the respective Guide/ Dean, under the following circumstances:

- i. On the scholar's own request.
- ii. Where the progress has been reported to be continuously unsatisfactory for continuous two progress reports/non submission of two consecutive of six monthly progress reports.
- iii. Where the candidate discontinues his/her research work without prior intimation to the Registrar, through the Dean of the Faculty, HOI, HOD and the Guide.
- iv. Where the candidate has taken up employment/admission to any other University/Course (without prior permission) and left the place of working.
- v. Where the candidate does not comply the rules of pre Ph.D. examination within the prescribed time.
- vi. Where the candidate does not submit the thesis within the prescribed period (maximum 6 years) and do not seek extension as per rules.
- vii. Where the candidate does not follow the rules and regulations of PIMS – DU.

19. Scope for Re-registration:

Those candidates who had cleared All India Entrance Test for admission to Ph. D. for the registration of Ph. D. and for valid reasons discontinued the Ph.D. work or got the Ph. D. registration cancelled due to valid reasons, may seek registration for Ph. D. at PIMS (DU) by submitting the duly filled application as per the academic scheduled notification of PIMS (DU) for Ph. D. admission. However they will be exempted from Entrance Test but have to complete the other formalities i.e. application, payment of processing fee, presentation before committee, allotment of Guide and clearance from the Research Advisory cum Doctoral Research Committee, Technical and Ethical Committee.

20.Fees:

The candidates selected for admission to Ph.D. program have to pay the tuition fee and other fees notified by the University from time to time up to final thesis submission.

- 21.** All the amendments to Ph. D. regulations issued by UGC to the UGC Regulations governing Ph. D. programmes dated 2016 are deemed to have been incorporated into the PIMS (DU) regulations through an administrative notification.

22.Saving Clause:

In the event of any discrepancies in the interpretation and implementation of these regulations, the decision of Vice Chancellor shall be final.

**Pravara Institute of Medical Sciences
(Deemed to be University)
Application for Admission for the degree of
Doctor of Philosophy (Ph. D.)**

(To be forwarded through the Head, Place of Research)

Name of the Faculty: _____

Subject: _____

Research Topic: _____

Candidates Tel. /Mobile No.: _____ Email ID: _____

To,

The Registrar

Pravara Institute of Medical Sciences

Loni – 413 736 - (INDIA)

Dear Sir

I hereby apply for admission to the Ph.D. Degree. I state that I have not been admitted as a student for this or any other Degree in this or any other University. The required details about myself are as follows:

- 1 Name in full (in Capital Letters) : _____
(as in degree certificate Beginning (Surname) (Name) (Father/Husband) (Mother's Name)
with Surname)
Mothers Name: _____
- 2 Date of Birth(DD/MM/YY) :
- 3 Gender : Male / Female / Transgender
(Strike out whichever is not applicable)
- 4 Nationality : _____
- 5 Cast : _____

6 Permanent Address : _____

7 Address for communication : _____

8 I belong to the category mentioned below (Please Tick the appropriate box & attach attested copy of caste certificate) :

1	2	3	4	5	6	7	8	9
Open	SC	ST	DT(A)	NT(B)	NT(C)	NT(D)	OBC	SBC

9 Present Occupation / Employment :
(Give Name and Address of the Employer)

10 Particulars of Degree previously obtained (attach attested copies of statement of marks and certificates):

Degree	University	Year of Passing	Subjects Offered	Class/Grade	Percentage/Grade Points
Bachelors Degree					
Masters Degree					
M Phil Degree					
Any other Degree/Diploma					

11 Particulars of Publications if any :

Title of Paper/Book	Name of Journal/Publisher	Place and Year of Publication
1.		
2.		
3.		

12 Details of Teaching Experience if any:

Name of College	Subject(s) Taught	Year(s)

13. Details of Professional experience, if any (Attach necessary Certificate) :

(i) Nature of Professional Experience: _____

(ii) The Institute where Professional experience was gained: _____

(iii) Period of Professional experience: _____

13. (i) Title of M. Phil. Dissertation, if applicable: _____

(ii) Is the Proposed topic of Doctoral Research related to or an expansion of the M. Phil. Dissertation? : Yes / No

14. Name of the Research Guide: _____

(Under whom I propose to work for my Ph.D.)

Address :

Email. :

Mobile :

15. Name of Co-Guide, if any: _____

Address :

Email. :

Mobile :

16. Name and address of the approved Place of research (where I desire to Do Doctoral Research): _____

All the particulars given above are true to the best of my knowledge. I have read the rules for the Degree of Doctor of Philosophy (Ph. D) and I undertake to abide by them. I also undertake to regularly report at the place of Research unless otherwise permitted by the Head, Place of Research on the recommendation of the Research Guide.

Eight copies of the research outline (as per Appendix - XII of the Rules) and a Xerox copy of the registration fee receipt are enclosed.

Thanking you,

Yours sincerely,

Name & Signature of applicant

Date:

Place:

Recommendation of the Guide

(After Technical and ethical clearance of the topic)

I _____ am willing to supervise the research work of Mr./Ms. _____ And I recommend that the he / she be given provisional admission.

Ref. No. of Recognition letter: _____ presently _____ students are pursuing their research work under my supervision.

Date: / /20

Research Guide

Decision of the Head, Place of Research

On verifying the relevant documents I found the student eligible/ not eligible for admission to the Degree of Doctor of Philosophy (Ph. D.) of the Pravara Institute of Medical Sciences – Deemed to be University. He /She has been provisionally admitted/ not admitted to the Ph. D. Programme as a student of theDepartment/Research Institute/ Centre (a copy of the letter has been attached).

The presentation has been scheduled at _____ am /pm _____ on (Day) _____ (Date). The Report of the presentation will be forwarded to the University office immediately after the scheduled date.

Date:

Head, Place of

Research

Seal of the Place of Research

Decision of the Research Advisory Committee/ Doctoral Research Committee

On the basis of the merit of the proposal and the report of the presentation, the Committee

(a) Approve/s the topic of Research/ recommends the following change in the topic: _____

(b) Appoint/s the following Co-Guide: _____

Chairman

Research Advisory Committee/ Doctoral Research Committee

Date:

Submission of Research Proposal

Along with the application form (for Registration) the researcher has to submit eight copies of his/her proposed plan of work as per the proforma given below.

Proforma for Proposed Plan of Work for Ph. D.

1	Name of candidate and address (In block letters)	
	Moble No-	
	Email ID	
2	Name of institution to carry out the work	
3	Weather collaboration with other department/institute is required if yes mention the details	
4	Faculty and subject	
5	Financial requirement to complete work (in terms of chemicals, purchase of new instruments, visit to other places etc.)	
6	Weather any special training is required? If yes mention the details	
7	Title of the topic *subject to approval by ethics and technical committee and finance committee	
8	Name of guide (with educational qualifications) and address-in required cases only	
	Mobile no	
	Email	
9	Name of co-guide(with educational qualifications) and address-in required cases only	

	Mobile	
	Email	
10	Brief Summary Of Proposed Work (attach proposal copy)	
10.1	Need for study	
10.2	Review of literature	
10.3	Aims and objectives of study	
10.4	Materials and methods	
	(10.4.1) materials	
	(10.4.2) equipments	
10.5	Methods (describe in details)	
11	List of references with titles	
12	Does the study require any investigation or intervention to be conducted on patients or other Humans or animals? If so, please describe briefly. *Clearance from IAEC is necessary (Attach certificate)	
13	Signature of candidate	
14	Remarks of Head of Department and signature	
15	Remarks of Head of Institute and signature	

I have gone thoroughly the UGC and the PIMS, DU, Minimum Standard and Procedure for Award of Ph.D. Degree - Regulations – 2018.

I shall abide the rules and regulations amended from time to time

Name & Signature of Student

Provisional Admission /Registration

Ref :

Date : / /20

To

Subject: Your application for Registration for Ph. D. dated_____

Dear Mr. /Ms._____ I am happy to inform you that you have been provisionally admitted to the Ph.D. Programme in_____ (subject) _____ (Faculty) of the Pravara Institute of Medical Sciences (Deemed to be University) with effect from _____your place of research will be _____.Your proposal is being forwarded to the University office for approval of the research topic. Your admission/ registration will be confirmed after the University authorities approve the research topic from the Technical and Ethics committee of the University.

Yours faithfully,

Registrar

Copy to:

1. The Guide: Prof. /Dr.
2. The Co-Guide: Prof. /Dr.
3. Principal, Concerned Institute/College
4. Dean, concerned faculty

Confirmation of Admission /Registration

Ref. :

Date : / /20

To,

Subject: Confirmation of admission to the Ph.D. in (subject)

Dear Mr. / Ms. _____ I am happy to inform you that the Research and Recognition Committee in _____(Subject) _____(Faculty) has approved your research topic as it is/with the modification/s as follows: _____ Your admission is now confirmed as per Ph.D. Rules of the university.

Details of your admission are:

1. Subject: _____
2. Faculty: _____
3. Guide: _____
4. Co-Guide: _____
5. Date of Registration: _____
6. Period of Registration: from _____ to _____

Please note that your admission will be governed by the Ph. D Regulation, 20____ of Pravara Institute of Medical Sciences-Deemed University for the Degree of Doctor of Philosophy (Ph.D.) with effect from....., 20____.

In case of failure to pay the prescribed fees as per the condition mentioned above, a late fee of Rs. 1000/- for Indian students & Rs. 5000/- for foreign students per month from the due date of payment shall be charged.

Thanking you

Registrar

Copy to:

1. The Guide: Prof. /Dr.
2. The Co-Guide: Prof. /Dr.
3. Principal, Concerned Institute/College
4. Dean, concerned Faculty

Submission of Progress Report

The registered research students have to submit progress reports after every six months. The report should include an elaborate description of the reading, writing, data collection or any other work done in relation to the research. The researcher can also mention difficulties encountered, if any. The guide is expected to certify the report and mention in unambiguous terms whether the progress is satisfactory or not and whether the work done during the period under consideration is relevant and adequate or not.

**Pravara Institute of Medical Sciences
Deemed to be University
Progress Report for Research Scholar**

Progress report No: _____ Progress report for the period: _____ to _____

Ref no: _____

Date: / /20

1	College/institute	
2	Department	
3	Name of research scholar	
4	Name of research guide	
5	Name of research co-guide	
6	Date of registration	
7	Progress report for the period	
8	Fee paid	Amount Rs. Receipt no.
9	Title for research topic	
10	Status of topic approval	Approved Not approved
11	Report : Report should contain information regarding the following: i) Literature survey ii) Methodology iii) Sample survey iv) Any other Any practical work	

	done/Experiment carried out and summary of the observations. Plan in brief for next six months. If any special training / Facility needed for further work. Any other (Seminar and library dissertation):	
12	Probable date of submission of synopsis	
13	Signature of research student	
14	Remark of Research Guide: Whether the progress of research student is satisfactory or not and if not, whether the guide suggests the cancellation of Ph. D Registration of student as per Rule.	
15	Signature of research guide	

For university office comments:

Submission of Synopsis

After the Pre-Ph. D Presentation, the researcher has to submit ten copies of the Synopsis of his/her thesis through the guide .A synopsis is viewed as a mini version of the thesis. It should provide a clear idea about what the thesis is. It should

- (a) Introduction.
- (b) Brief review of literature.
- (c) Materials.
- (d) Aims and Objectives.
- (e) Methods.
- (f) Results.
- (g) Discussion.
- (h) Conclusion
- (i) Bibliography (Vancouver/ Harward)

The expected length of the synopsis is 20-30 double-spaced A-4 size pages.

Certificate of the Guide

CERTIFIED that the work incorporated in the thesis _____
_____ (Title) Submitted by
Mr./ Ms _____ was carried out by the candidate
under my supervision/ guidance. Such material has been obtained from other sources has been
duly acknowledged in the thesis.

Date:

(Supervisor/ Research Guide)

Declaration by the Candidate

I declare that the thesis entitled _____
submitted by me for the degree of Doctor of Philosophy is the record of work carried out by me
during the period from _____ to _____ under the guidance of
Dr. _____ has not formed the basis for the award of any degree, diploma,
associate ship, fellowship, titles in this or any other University or other institution of Higher
learning.

I further declare that the material obtained from other sources has been duly acknowledged in the
thesis.

Date :

Signature of the Candidate

Pravara Institute of Medical Sciences – Deemed University**(Ph. D Thesis Evaluation Report)**

1. Name of the candidate:
2. Subject:
3. Title of the Ph. D Thesis:
4. a. Name of the examiner/Referee
- b. Address/Affiliation:
- c) Telephone No. :
- d) Mobile No. :
- e) Email Address:

EXAMINER'S REPORT

- (a). The report should be in clear and unequivocal terms whether:

Sr. No.	Points	Yes	No
1	The thesis be accepted for the award of Ph. D Degree		
2	Questions to be asked in Open Defense [Viva-Voce examination] (The examiner are required to suggest on a separate sheet of paper the areas in which clarifications are to be sought at the Open Defense with specific questions to be asked at the time of Open Defense)		
3	The Thesis to be revised and resubmitted (The line on which the thesis is to be revised may please be indicated in detail on a separate sheet of paper)		
4	Thesis to be rejected (The reasons for rejection – may please be given on separate sheet in detail)		

- (b) Kindly attach a detailed report of the evaluation of the thesis as indicated in section A, B & C separately.

Section A: If the thesis is accepted for the Ph. D Degree then please gives:

- i) The merit of the thesis
- ii) The demerits of the thesis
- iii) The questions to be asked at the Open Defense.

Section B: If the revision and resubmission is recommended, then please give:

- i) Merits of the thesis, if any
- ii) Demerits of the thesis
- iii) Detailed suggestions to the candidates for revision.

Section C: If the thesis is rejected, then please give:

- i) Merits of the thesis, if any
- ii) Demerits of the thesis
- iii) Reasons for rejection.

Signature of the Examiner

(Name in block Letters)

Consolidated Report of the Referees on the Viva Voce

The Viva-Voce of Mr. /Ms. _____ was conducted on _____ (day and date). The performance of the candidate was satisfactory/ unsatisfactory. We have conducted the open defense of the Ph.D. thesis entitled _____ in the Pravara Institute of Medical Sciences-Deemed to be University on:

A. The Performance of the candidate was satisfactory/unsatisfactory

B. Following queries were raised:

1. _____

2. _____

After incorporating the corrections, the thesis is to be resubmitted, after 3 months between before 6 months after verification by the examiners, recommendation for award of Ph. D Degree.

C. The performance in Viva and observations of the candidate are not satisfactory

D. The thesis to be rejected.

E. Reasons

1. _____

2. _____

(Guide)

(External Referee)

(Chairman)

Pravara Institute of Medical Sciences
Deemed to be University
(Attendance Sheet)

Ph. D. Viva Voce of Mr/ Ms/ Mrs. _____ Subject _____
_____ Date of Viva _____ Time _____
Venue _____.

List of the persons attending the open defence.

Name of the person	Designation	Signature
1.....		
2.....		
3.....		
4.....		
5.....		
6.....		
7.....		
8.....		
9.....		
10.....		
11.....		
12.....		
13.....		
14.....		
15.....		

Certificate for Plagiarism

It is certified that Ph. D Thesis Titled _____
_____ by _____ has been examined
by us. We undertake the follows:

- a. Thesis has significant new work/knowledge as compared already published or are under consideration to be published elsewhere. No sentence, equation, diagram, table, paragraph or section has been copied verbatim from previous work unless it is placed under quotation marks and duly referenced.
- b. The work presented is original and own work of the author (i.e. there is no plagiarism). No ideas, processes, results or words of others have been presented as author’s own work.
- c. There is no fabrication of data or results, which have been compiled/ analyzed.
- d. There is no falsification by manipulating research materials, equipment or processes, or changing or omitting data or results such that the research is not accurately represented in the research record.
- e. The thesis has been checked using (Copy of originality report attached) and found within limits as (<15%) per Plagiarism Policy and instructions issued from time to time.

Name & Signature of Supervisor

Name & Signature of candidate

Signature: _____

Signature: _____

Date:

Date: