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சென்னைப் பல்கலைக்கழகம்
UNIVERSITY OF MADRAS

DOCTOR OF PHILOSOPHY (Ph.D.)

PROSPECTUS

Application Form for
Admission & Registration
Revised Regulations Effective from July 2010

UNIVERSITY OF MADRAS
DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)
Revised Regulations effective from July 2010

1. PREAMBLE

The Degree of Doctor of Philosophy (Ph.D.) is awarded to a candidate who, as per these regulations, has submitted a thesis on the basis of original and independent research in any particular discipline or involving more than one discipline (inter-disciplinary), that makes a contribution to the advancement of knowledge, which is approved by Board of examiners as required.

2. ELIGIBILITY

For purposes of admission to the Ph.D. programme, a candidate should have obtained a Master's Degree with 55% marks in the qualifying examination. For SC/ST candidates and for candidates who have completed the PG degree before 1991, the minimum can be only 50% for admission to the Ph.D programme.

Admissions for Ph.D. programme can be made four times in a year, i.e., January, April, July and October. **Applications can be downloaded from the University website and submit the same with processing fee of Rs.500/- (fee exempted for SC / ST)**The application forms will be available during the months of December, March, June and September every year for admitting the candidates for four sessions. Candidates should submit their applications on or before the first working day of a quarter, viz., January, April, July and October. Admission to Ph.D. programme shall be completed in the first month itself in each session. Registrations for Ph.D. may be done throughout the year.

3. REGISTRATION FOR THE Ph.D. PROGRAMME

There shall be the following categories of candidates registered for the Ph.D. programme:

- a. Full-time scholar (with or without stipend or fellowship)
- b. Part-time scholar (teacher or non-teacher, internal vis-à-vis external)

The candidates belonging to any of the above categories may register at University Departments, Affiliated Colleges, Research Institutions, or R & D Centres/Laboratories coming under these regulations.

3.1. FULL-TIME

The following candidates are eligible to register for the full-time Ph.D. programme. A candidate who has qualified for:

- a. Master's Degree in the faculties of Arts, Sciences, Fine Arts, Languages, Commerce, Education, Management Science of this University or equivalent thereto.
- b. Master's Degree in the faculties of Law, Engineering, Technology, Architecture and Medicine including the Degree of Doctor of Medicine (M.D. or M.R.C.P), or Master of Surgery (M.S. or F.R.C.S./M.R.C.S.), Indian Medicine, Veterinary Science, M.Pharm. and Agriculture of this University or equivalent thereto.
- c. M.B.B.S. Degree with two years of Senior House Surgeoncy /Special training or equivalent thereof recognized by the Medical Council of India or competent authority.

- d. Bachelor's Degree in Veterinary Science, Ayurveda, Siddha, Homeopathy, Unani Medicines etc., with two years Senior House Surgeoncy/equivalent special training in related disciplines of two years duration.
- e. ACA, FCA, AICWAI, ACSI qualifications of the Institute of Chartered Accountants of India, Institute of Cost and Works Accountants of India and Institute of Company Secretaries of India provided the candidates have secured: i) One of the above qualifications after the lapse of at least two years after obtaining a University UG degree from any recognized University and ii) 55% or more marks in the aggregate in the qualifying degree examination.
- f. Research fellows/Research Assistants/Technical Assistants/Project Fellows/Project Assistants/Training Officers in extension departments approved by the University, appointed in the research projects funded by recognized agencies/Government are also eligible to register for Ph.D. on a full-time basis in the same department provided they satisfy the eligibility criteria stated above:

3.2. PART-TIME (INTERNAL)

A candidate, possessing any one of the qualifications prescribed under Regulation 2 supra and falling under any of the following categories, is eligible to conduct research on a Part-time basis (i.e., can conduct research while continuing as teacher, Executive etc.):

- a. A teacher working in the Department of the University or in an affiliated College of the University, Higher Secondary School or High School or Polytechnic within the territorial jurisdiction of the University provided
- b. Teachers of affiliated colleges holding NET/SLET qualification or M.Phil. degree with one year of teaching experience after M.Phil degree and Teachers of Higher Secondary Schools/High Schools and Polytechnic with two years of experience after the qualifying degree be allowed to register for Ph.D (part-time) programme.
- c. Teachers of affiliated colleges in the following disciplines, with one year of teaching experience without M.Phil or SLET/NET are permitted to do part-time Ph.D i) Computer Science, ii) Media Arts, iii) English, iv) Management, v) Natya, vi) Communication and Journalism, vii) Hotel and Catering Management, viii) Interior Design, ix) Bio-Technology and x) Bio-Informatics.
- d. A candidate employed other than as a teacher in a permanent job in a registered firm/institution, within the territorial jurisdiction of the University with a minimum of FOUR YEARS of total working experience, after the qualifying degree and satisfying the rules framed separately by the Syndicate from time to time.
- e. Research Assistants/Technical Assistants appointed on a permanent basis by the University are eligible to register for Ph.D. programme on Part-time basis after confirmation of service.
- f. Candidate with M.L. Degree practicing as an advocate in any Court of Law or serving as a Legal Advisor to/in a registered firm/institution within the territorial jurisdiction of the University with a minimum of FOUR YEARS of total working experience after qualifying degree.

3.3. PART-TIME (EXTERNAL)

Notwithstanding anything contained in these regulations, candidates possessing anyone of the qualifications from the University of Madras or from any other University recognized by the Syndicate as equivalent thereto, prescribed under Regulation 3.2 supra, and employed as a teacher, scientist or in any other related capacity (as recommended by the Selection Committee of the concerned department) in National/State level institutions, Universities, Research and Development (R&D) Centres/Laboratories and institutions outside the territorial jurisdiction of this University, in India and abroad, who are permitted by the respective organizations for pursuing research leading to the Ph.D. Degree of this 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 two years after acquiring qualifying degree. These candidates are expected to do research in their place of employment and in addition, they should undergo such course work, examination and research work as may be prescribed by the supervisor/doctoral committee for a minimum of SIX MONTHS during the research period directly under the supervisor in this University. In addition to the Supervisor from this University, they shall have a joint supervisor from the institution where they are employed, provided such a supervisor is recognized as supervisor for Ph.D. programme by this University or the host University. In the case of non-availability of a recognized supervisor in the institution, the candidate's research work shall be monitored by the Head of the institution.

4. DURATION OF RESEARCH

4.1. FULL-TIME

A candidate registered as a full-time scholar for the Ph.D. programme possessing any one of the above qualifications as mentioned in Section 3 supra shall work continuously in the department under a supervisor for a minimum period of THREE YEARS after provisional registration and before submission of the thesis.

4.2. PART-TIME

A candidate registered for the Ph.D. programme as a part-time scholar (both internal and external) shall work for a minimum period of FOUR YEARS after provisional registration, before submission of the Thesis.

4.3. EXEMPTION

Exemption of ONE YEAR from the minimum duration required is permissible in respect of candidates who possess an M.Phil./M.Phil. on INTER-DISCIPLINARY basis or M.Litt. (in the relevant subject) or Master's Degree in the faculty of Law, M.E and M.Tech.

4.4. CONVERSION OF FULL-TIME REGISTRATION INTO PART-TIME AND VICE-VERSA

Notwithstanding anything prescribed in these regulations, the University may permit conversion from Full-time research to Part-time research and vice-versa in respect of candidates registered, for valid reasons and subject to satisfying the regulations, rules and conditions in force. The period put in by the candidate will be worked out in the ratio of 2:3 for research put in before and after such conversion.

4.5. RESIDENTIAL REQUIREMENTS

- a. A candidate registered on a full-time basis shall work under continuous supervision for the minimum period of research prescribed supra after the date of provisional registration and before submission of the thesis in the department or institution.

- b. A candidate registered on a part-time (internal) basis in all the subjects except in those involving laboratory work shall work at least for TWO MONTHS in every academic year during the course of research at the institution where the supervisor is attached. The supervisor has to issue the attendance certificate through the Principals/Heads of Departments of the University to the Controller of Examinations.
- c. A candidate who has been permitted to register on a part-time (internal) basis in subjects involving laboratory work in an institution other than where they are working, shall be required to work for a minimum total period of EIGHT MONTHS in the institution directly under supervisor. If required, the period of EIGHT MONTHS of residency may be spent in four spells of not less than TWO MONTHS each during an academic year in the course of their research.
- d. A candidate registered for the Ph.D. programme as a part-time external candidate is expected to do research in his/her place of employment and in addition he/she should undergo such course work, examination and research work as may be prescribed by the University/Supervisor/Doctoral Committee for a minimum period of SIX MONTHS during the research period directly under the supervisor of this University.
- e. In all the above cases (a), (b), (c) and (d), the research work shall be monitored by the Doctoral Committee hereinafter prescribed, through reports ONCE IN SIX MONTHS submitted by both Full-time students and Part-time students in the prescribed Proforma (Appendix C).

5. APPLICATION FOR PROVISIONAL REGISTRATION

A candidate applying for provisional registration shall furnish all the information *inter alia* in the form prescribed together with the fee prescribed.

Every applicant who satisfies all the conditions and procedures prescribed shall, after approval by the University, be provisionally registered for the Ph.D. programme.

Registration for the Ph.D. programme must be done by the candidate within TWO months after getting the permission from the University with all documents. A delay upto SIX months for registration can be accepted with a penal fee of Rs.3,000/- and reasons for the delay must be submitted. Also the delay in registration can also be accepted upto ONE year with a penal fee of Rs.10,000/- and the reasons for the late registration must be submitted. Exactly after ONE year from the date of permission, if the candidate fails to apply for provisional registration he/she should not be allowed to pursue the research.

For inter-disciplinary research, the proposal under inter-disciplinary research should be submitted in the prescribed format (Appendix A) duly approved by the departmental committee along with the minutes and forwarded by the supervisor and Head of the Department concerned.

A candidate seeking exemption for Methodology Examinations and reduction of one year in the duration of Ph.D. Research on **disciplinary basis** and exemption for Research Methodology Examination alone and reduction of one year in the duration of Ph.D. Research on **inter-disciplinary basis** should submit M.Phil. (Provisional & Convocation) Certificate while submitting application for Registration. If certificates are not submitted, registration will be processed based on only P.G. Qualification.

6. RESEARCH INSTITUTIONS

- 6.1. A candidate may be permitted to pursue research leading to the award of the Ph.D. degree in any one of the following institutions subject to satisfying conditions of eligibility, availability of supervisor and necessary facilities.
 - a. The departments/Centres of study and research of the University and Endowment Chairs in the University.
 - b. Postgraduate departments of colleges affiliated to the University and recognized as having necessary facilities for carrying out research leading to the award of the Ph.D. degree in the branch of study concerned by the due University procedures, even if the department does not offer an undergraduate course in the said branch/discipline provided that the department in an affiliated college should have been offering the Postgraduate course concerned for a minimum period of THREE years.
 - c. The departments of colleges affiliated to the University offering any branch of study as main subject for the first degree at the undergraduate level and recognized as having necessary facilities for carrying out research leading to the award of the Ph.D. degree in the branch of study concerned by the due University procedures even if the department does not offer a Postgraduate course in the said branch/discipline, provided that the department in an affiliated college should have been offering the undergraduate course concerned for a minimum period of THREE years.
 - d. All India Research Institutions and Regional Research Institutions duly recognized by the University.
 - e. Well-equipped R&D Centers/Laboratories of public and private sector undertakings located in the territorial jurisdiction of the University recognized by the University as having necessary facilities for carrying out research at an advanced level.
 - f. All India Research Institutions and Regional Research Institutions located outside the territorial jurisdiction of the University of Madras as having necessary facility for carrying out research at an advanced level will be considered based on request case by case on merit.
- 6.2 The Syndicate may permit candidates who are working as teachers or in other related capacity such as Research Assistants/Research Officers/Technical Assistants/Project Officers in a Department of an affiliated college recognized for research leading to the award of the Ph.D. degree to register for the Ph.D. programme under a supervisor in another institution in the neighbourhood within the territorial jurisdiction of the University and approved by the University for the purpose.
- 6.3 Teacher and Non-Teacher candidates can register for the part-time Ph.D. programme with a qualified supervisor in any affiliated college in non-laboratory courses in Humanities, Languages, Social Sciences, Commerce, Mathematics and Statistics.

7. SUPERVISOR FOR RESEARCH

Every scholar registered for the Ph.D. programme shall work under the continuous supervision of a recognized supervisor. For inter-lingual/inter-disciplinary research, a scholar shall have a co-supervisor.

A supervisor shall not guide his/her immediate or close relative and to this effect he/she shall furnish a declaration in the column provided in the application form for admission. A supervisor shall not be permitted to register candidates for Ph.D. in the last one year of his/her service.

7.1. QUALIFICATION AND RECOGNITION

7.1.1. A person who is in permanent employment may be recognized as a supervisor for guiding students leading to the award of the Ph.D. degree in any faculty including Medicine, Law, Engineering and Technology and Architecture provided he/she possesses the following:

- a. A Ph.D. degree of this University or of any other University recognized by the Syndicate as equivalent thereto.
- b. A minimum of TWO YEARS of either teaching or research experience after acquiring the Ph.D. degree.
- c. A minimum of TWO research publications other than his/her Ph.D. work and after the award of Ph.D. Degree which is published in National/International refereed journals in the case of all Sciences or equivalent published work as books or chapters in edited books, in the case of Arts and Humanities. The applicant should be either the first author or the corresponding author in such publications.

7.1.2. Emeritus Scientists/Fellows/Professors of the University Departments or affiliated institutions recognized for research by the University who are funded by UGC/CSIR/ICAR and other Governmental/Non-Governmental funding agencies could be permitted to guide Ph.D. students provided:

- a. They may be allowed to guide Ph.D. scholars till they hold the above said positions or they complete the age of 70 years. However, they shall not be allowed to register candidates beyond 65 years.
- b. The maximum permissible number of candidates to be registered for the Ph.D. programme is only FOUR.

7.1.3. Librarians, Deputy Librarians, Assistant Librarians, Directors of Physical Education, Deputy Directors and Assistant Directors of Physical Education who are working in the University or in the affiliated colleges or in recognized research institutions of the University may be permitted to guide a maximum of EIGHT candidates (part-time only) at any given time in their respective field of specialization.

7.1.4. Teachers who are appointed in the University or in Affiliated Colleges of the University or in the recognized research institutions of the University are automatically recognized as Ph.D. guides; provided he/she has already obtained recognition to guide Ph.D. in other University/College/Institution; provided they fulfill the requirements of University of Madras.

7.1.5. Qualified teachers/Researchers/Scientists working in Universities/Research institutions who enter into MoU with University of Madras will be recognized for co-guideship as per rules in force from time-to-time.

- 7.1.6 In view of the special circumstances that exist in the colleges where P.G. Programmes are not being added, opportunity may be given to the Supervisors who are working with the U.G. Science departments and who are otherwise eligible to guide candidates with due care. An Inspection Commission with faculty members from University Science Departments would visit the specific College and assess facilities, infrastructure, supervisor, etc. and recommend for the same whether a particular Supervisor may be given recognition by the University. It is also possible to encourage teachers to have collaboration with University Departments without any financial commitment to the University.
- 7.1.7 Researchers who are working in the Universities/Colleges/Institutions outside the territorial jurisdiction of the University of Madras, shall be recommended as a Supervisor of this University based on the request case by case on merit.

7.2. NUMBER OF CANDIDATES UNDER A SUPERVISOR

The total number of candidates who can be registered for the Ph.D. programme, both full-time and part-time under a supervisor, at any point of time shall not exceed **TEN** (including re-registered candidates) for a supervisor working in the University Departments and Affiliated Colleges. For Research Institutions the total number of candidates working under a supervisor shall not exceed **EIGHT** (including re-registered candidates)

7.2.1 Supervisors will be permitted to guide Ph.D within the total number of TEN students from University of Madras and other Universities in Tamilandu

7.3. CHANGE OF SUPERVISORS AND TRANSFER OF SCHOLARS:-

- a. Transfer of Ph.D. scholars from one supervisor to another supervisor can be effected, with mutual willingness given by both the present and proposed supervisors.
- b. In the case of change of supervisor or transfer of candidates is proposed without the consent of any one of the parties concerned, the matter shall be referred to the Board of Research Studies, whose decision shall be final.
- c. The supervisors who wish to avail leave/lien/deputation beyond a period of **SIX MONTHS** shall nominate co-supervisor in the concerned subject for the candidates registered with them and the fact may be intimated to the University well in advance.

7.4. WITHDRAWAL OF RECOGNITION

If a Supervisor is found to involve in plagiarism, moral turpitude with fraudulent academic accomplishments and other activities prejudicial to the reputation of the University, etc., his/her guidship will be summarily withdrawn without assigning any reason thereof.

8. CANCELLATION OF THE Ph.D. REGISTRATION

- a. In case of candidates who do not possess an M.Phil. degree, who have not taken Part I course work and examination and the minutes of the meeting of the Doctoral Committee for them are not forwarded to the University for confirmation of provisional registration on completion of **ONE** year of provisional registration, their registration shall be cancelled by the University on completion of 18 months from the date of provisional registration.
- b. In case of recommendation for cancellation of the registration by the supervisor, the candidate shall be intimated about the grounds on which the registration is being proposed for cancellation.

- c. In case of any representation from the candidate/supervisor, the Dean/Director (Research) after consulting the Supervisor and the candidate shall refer the matter to the Board of Research Studies, which may either suggest cancellation or change of supervisor depending on the merit of the case. The decision of the Board of Research Studies shall be final.

9. DOCTORAL COMMITTEE

For every candidate [full-time, part-time (internal and external)] registered for the Ph.D. programme, a Doctoral Committee of not less than THREE members of the faculty who are recognized supervisors, shall be constituted with the approval of the University as follows:

In respect of candidates registered for the degree under a supervisor, either as Full-time or Part-time (internal and external), the Doctoral Committee shall consist of the supervisor as its convener, the Head of the Department concerned, provided he/she is a recognized supervisor, and one other member from institutions in the neighbourhood, who is an expert in the subject and also a recognized supervisor for guiding Ph.D. scholars in that institution.

In respect of inter-disciplinary research, the co-guide shall also be included as a member, in addition to those mentioned above.

It is the duty of the Supervisors to see that every candidate should furnish in the Appendix 'C', the six monthly report periodically right from the date of registration to till the submission of thesis. The Appendix 'C' should be submitted with the signature of the candidate, Supervisor and the Head of the Department / Principal of the research institution, every six months periodically.

The Doctoral Committee shall have the functions as prescribed in Appendix B. The scholars both full time and part time shall submit Progress Reports in the prescribed form (Appendix C) ONCE IN SIX MONTHS and the same should be submitted to the University in time.

10. EXAMINATION AND EVALUATION

10.1.1. PART-I: COURSE WORK EXAMINATION AND EVALUATION

Every candidate provisionally registered for the Ph.D. programme shall undergo course work in the first year. The course work consists of the following:

- Paper I : Research Methodology
- Paper II : An advanced paper in the subject concerned
- Paper III : Background Paper relating to the candidate's Ph.D. work.

The syllabus for Paper-I will be framed by the respective Schools for each discipline (Languages, Arts, Humanities, Sciences and Basic Medical Sciences). The syllabi for the Papers II & III will be prescribed by the Doctoral Committee.

10.1.2. SCHEME OF EXAMINATIONS:

The Doctoral Committee will conduct the written examinations for all the three papers, each of three hours duration carrying 100 marks each and also the Viva-Voce. The results will be communicated by the Supervisor to the Dean/DIRECTOR (Research) with the answer scripts and questions along with the Minutes of the Meeting of the Doctoral Committee.

On the basis of these examinations, provisional registration of the candidate will be confirmed by the University. He/She shall be permitted to proceed with his/her research work and submit the thesis at the expiry of minimum total period of research prescribed after provisional registration. The candidate should give seminars periodically after the confirmation of registration in the general field and in the topics connected with his/her research work.

The Doctoral Committee will periodically have to monitor the progress of the work of the scholar and the report may be sent to the University without fail once in six months.

Candidates who possess M.Litt. or M.Phil. or M.L., M.E., M.Tech., M.Arch., M.D., M.S., qualifications in the same discipline/field of research are eligible for exemption from undergoing the written examinations of all the three papers. If the degrees are not in the same discipline, they are exempted only from Paper-I Research Methodology and shall undergo written examinations for Paper-II and III. Like other candidates they should give seminars periodically in the general field and topics of his/her research work. Their research work will be periodically monitored by the Doctoral Committee, as in the case of other candidates.

10.2 PART-II: SUBMISSION OF SYNOPSIS AND THESIS

10.2.1. SUBMISSION OF SYNOPSIS

Not less than THREE months before the submission of the thesis, every candidate shall submit to the University, through the Supervisor or the Convener of the Doctoral Committee wherever pertinent, a Synopsis (SIX COPIES) of the proposed thesis together with the certificate of the doctoral committee vide (Appendix-B), and stating the title of the thesis to be presented in the prescribed application form along with the prescribed fee. The candidate shall inform the probable date of submission of his/her thesis in the application. The synopsis shall be submitted both in the form of hard and soft copy in CD. The hard copy should not exceed 20 type written or printed pages (one side only of A4 size).

Before the submission of the synopsis, the candidate should present a seminar on his/her data for the Ph.D. thesis and the Doctoral Committee should send a suitability report of the same while forwarding the synopsis.

Not later than SIX MONTHS after the submission of the synopsis and after the expiry of the minimum period of research prescribed, every candidate shall submit prescribed application and FIVE COPIES of thesis embodying the results of the research carried out by him/her along with the prescribed application and fee. In addition, the thesis shall also be submitted in the form of soft copy in CD.

A Doctoral Committee has to convene two times, one at the time of Registration and another at the time of Synopsis submission. If any member(s) of Doctoral Committee happens to be changed during the submission of synopsis, the reason has to be mentioned in the minutes of the Doctoral Committee. The format of the Doctoral Committee is appended in the **Annexure C**.

10.2.2. SUBMISSION OF THESIS

The candidate shall publish one (for humanities and social sciences) or two (for all sciences) research papers in refereed journals before the submission of thesis and should produce evidence for the same in the form of acceptance letter or reprint while submitting the thesis.

The title page of the thesis, cover, format, etc., should strictly conform to the format of presentation as prescribed (Appendix-D) and the thesis (all copies) should carry a declaration by the candidate (Appendix-E) and certificate (Appendix-E1) duly signed and issued by the Supervisor. The thesis should NOT be hard bound and it should have a thin and flexible cover.

No candidate shall ordinarily be permitted to submit the thesis after a period of FIVE YEARS in the case of Full-time research scholars and SIX YEARS in the case of Part-time research scholars; provided that the University may for valid reasons and on the recommendations of his/her supervisor, grant extension of time for not more than TWO YEARS in all, to the candidates. The registration of a candidate, who is not able to submit his/her thesis even after the grant of extension of TWO YEARS, stands cancelled, if not re-registered.

The Ph.D. Thesis/Synopsis may generally be written in English (for subjects other than languages). However, the thesis may also be written in Tamil and submitted.

10.2.3. SUBMISSION OF THESIS BEFORE THE MINIMUM PRESCRIBED PERIOD

Notwithstanding anything contained in these regulations regarding the minimum period of research to be put in by candidates before becoming eligible to submit their thesis for the degree, it shall be competent for the Syndicate, to permit candidates to submit their theses earlier by a period of not exceeding six months provided such requests for earlier submission from candidates is accompanied by

- a. The recommendations of the supervisor for relaxation based on the satisfactory completion of the research work for the thesis topic with evidence that the candidate has been working consistently even prior to his provisional registration for the Ph.D. degree, on the topic of his research; and
- b. Evidence of having completed the required work for the thesis by way of at least four publications in the topic of Ph.D. research in recognized, refereed or accredited journals as first author after one year of his/her provisional registration. This case will be referred to a special committee constituted for this purpose by the Vice-Chancellor in consultation with Chairman, BOS and Dean (Research) and the report will be placed before the Syndicate.

10.3. RE-REGISTRATION

A candidate who has not submitted the thesis at the end of SEVEN (Full-time)/ EIGHT YEARS (part-time), may choose to re-register under the same supervisor in the same topic with the prescribed fee in continuation of the date of expiry of the maximum period as prescribed. In such instances, the re-registered candidate shall be permitted to submit his/her thesis after a period of ONE YEAR but not later than TWO YEARS.

For re-registered candidates with change of supervisor and/or area of research the required period would be similar to that of freshly registered candidates.

10.4. ADJUDICATION OF THE Ph.D. THESIS

10.4.1. PANEL OF EXAMINERS

After the submission of synopsis / thesis, the supervisor is advised to submit the panel of Examiners for the candidate in consultation with the other members of the Doctoral Committee in a sealed cover to the Controller of Examinations in the prescribed format. A Panel of (1) 3 Examiners from overseas of non-Indian origin with 10 and more than 10 years of research and teaching experience, (2) 3 Examiners from North, East, Western parts of India and (3) 3 Examiners exclusively from Chennai region (for viva-voce purpose) has to be provided by Supervisor. (If the supervisor furnishes examiners from outside Chennai, he/she has to justify the reasons for suggesting such examiners). Appointment of overseas examiners need not to be insisted for the Indian Language subjects especially for Malayalam, Tamil and Kannada and other disciplines of Vaishnavism, Saiva Siddhantha, Jainology etc.

Panel of experts should be typewritten only, handwritten panel will not be accepted under any circumstances. Along with the names of the examiners the Panel should mention latest e-mail id, telephone nos. etc.

The persons suggested for appointment as examiners should hold Ph.D. Degree with 10 years at the Post-Graduate level with research publications in standard National and International refereed research journals to their credit and also a recognized Ph.D supervisor and produced Ph.D scholars. There should not be repetition of more than 50 per cent names in each of the two categories.

10.4.2. BOARD OF EXAMINERS

The Syndicate may appoint a Board of Examiners for evaluation of the thesis consisting of the Supervisor as Convener and two other External Examiners i.e. one from India and one from outside India (Foreign Examiner) from the panel suggested by the supervisor.

However Thesis can be sent for evaluation to the second Indian Examiner provided if all the Foreign Examiners in the panel failed to send the commendation on the Thesis within a reasonable time schedule.

Provided further that no close or immediate relative of the candidate/supervisor be appointed to act as an examiner.

10.4.3. EVALUATION OF THE THESIS

The Board of Examiners so appointed shall value the thesis and report on the merit of the thesis for the award of the Ph.D degree. Each examiner is expected to give a detailed report on the thesis apart from a duly filled in proforma for adjudication in the format prescribed in Appendix-F.

The Board of Examiners shall report on the merit of the candidate as “Highly commended”, “Commended”, “Not Commended” or “To be Resubmitted”.

The two external examiners shall send the individual reports together with the duly filled in proforma to the Controller of Examinations and the Convener. Together with his/her individual report and the duly filled in proforma the convener will prepare a consolidated report, bringing out the salient points made in individual reports. The consolidated report shall be prepared and submitted by the Supervisor to the Controller of Examinations within a month.

If all the three examiners unanimously recommend the award of the degree, the candidate will be asked to appear for a public Viva-Voce Examination.

In addition, the candidate should carry out the corrections etc., if any, suggested by the examiners, before the public viva-voce examination after obtaining permission from the Controller of Examinations. The supervisor shall furnish a certificate to this effect, together with the list of corrections, to the University before the public viva-voce examination.

If one of the external examiners recommends the award of the degree and other does not recommend the award of the degree, the Syndicate may refer the thesis to a fourth examiner so appointed shall belong to the same category (i.e., from India or outside India) as the original examiner who valued the thesis and has not recommended.

The fourth examiner will not be provided with the report of the other examiners. If the fourth examiner recommends the award of the degree, the candidate will be asked to appear for a public viva-voce examination prescribed earlier. If the fourth examiner also does not recommend the award of the degree, the degree will not be awarded to the candidate.

If any examiner has in his/her report made some comments and suggested corrections/modifications/alterations and asking the candidate to carry out the same in the thesis, then the candidate will be informed accordingly through the Supervisor.

10.4.4 RESUBMISSION OF THE THESIS

A candidate whose thesis has not been commended for the award of the degree may be permitted to re-submit it on a second occasion within a period of ONE YEAR from the date of declaration of the results with a specific statement from the candidate and the supervisor about the additional research work conducted and the revision done in the thesis. The resubmitted thesis shall be referred to the same examiner who originally valued the thesis for Re-valuation.

10.5 PUBLIC VIVA-VOCE EXAMINATION

A candidate whose thesis has been recommended for the award of the degree by the Board of Examiners who valued the thesis, shall submit himself/herself to a public viva-voce examination conducted by the supervisor and one external examiner appointed by the Syndicate in the department/institution where the research work was conducted. The Indian examiner, who valued the thesis, will be appointed as external examiner to conduct the public viva-voce examination for the candidate. A copy of the thesis of the candidate appearing for the public viva-voce examination shall be deposited in the departmental library for perusal of those interested in the thesis before the conduct of the public viva-voce examination, together with appropriate public notice issued by the supervisor for the purpose. A format for the Public viva will be prepared and the Public viva needs to be conducted at a central place and the proceedings of the viva need to be sent to the Office of the Controller of Examinations. Members of the department in the subject concerned where the candidate conducted research and outside specialists, if any, may participate in the public viva-voce examination. The supervisor shall convey to the university, the result of such public viva-voce examination duly endorsed by the external examiner, together with a list of participants in the examination with their signature, designation and address. A candidate who is also successful at the public viva-voce examination shall be declared to have qualified for the Ph. D degree by the Syndicate.

If for any reason, the supervisor is unable to conduct the public viva-voce examination, the Syndicate may appoint a suitable examiner in his/her place.

If for any reason the supervisor is unable to conduct the viva-voce examination even two months after the approval of the consolidated report on the Ph.D. thesis by the university and after appointment of the viva-voce examiner, the Syndicate may make alternative arrangements for the conduct of the viva-voce examination in time. A candidate, who is not successful at the public viva voce examination, may be permitted to take the same on a second occasion, after the expiry of THREE months. If he/she is not successful even on the second occasion at the public viva-voce examination, the degree will not be awarded to him/her.

No candidate shall be permitted to submit a thesis or to appear for the public viva-voce examination on more than TWO occasions.

10.6. FORMAT OF THE DEGREE

The Ph.D degree certificate shall incorporate the title of the thesis along with the name(s) of the faculty/faculties and discipline(s) as in Appendices G & G1.

In the case of the award of the Ph.D degree for inter-disciplinary research, the degree certificate shall bear both the subjects of the candidate's post-graduate degree and the discipline of the department in which the candidate has conducted his/her doctoral research mentioning them as "inter-disciplinary".

Along with the degree, the University shall issue a provisional certificate certifying to the effect that the degree has been awarded in accordance with the provisions to the regulations of the UGC.

11. PUBLICATION OF THE THESIS

A thesis, whether approved or not, shall not be published in full without the permission of the syndicate and the syndicate may grant permission for the publication under such conditions as it may impose;

Provided that a candidate may during the course of his/her research, publish papers in standard and research journals, as advised by his/her supervisor, but the thesis as a whole shall not be published without obtaining permission of the syndicate mentioned supra.

Permission for publication of the thesis should be obtained after award of the degree.

However, following the successful completion of the evaluation and announcement of the award of Ph.D. degree, the University shall submit a soft copy of the Ph.D. thesis to the UGC within a period of thirty days for hosting the same in INFLIBNET, accessible to all Institutions.

12. TRANSITORY PROVISION

These Revised regulations shall come into effect from 1st July 2010. However for those who are to submit the thesis before the month of December 2010 the existing Regulations shall prevail upon.

APPENDIX – A

FORMAT FOR INTER-DISCIPLINARY RESEARCH PROPOSAL

[This proforma duly filled in should be forwarded along with
the Minutes of the Departmental Committee]

| | |
|---|--|
| Name | |
| Academic qualification | |
| Age & Date of Birth | |
| Occupation (if any)/Designation | |
| Duration of Employment | |
| The subject in which the candidate has qualified for the Master's Degree | |
| The proposed discipline in which the candidate intends to work for Ph.D. | |
| The proposed department (with address) where the candidate intends to work for Ph.D. | |
| The theme of proposed research (in not more than 500 words) | |
| Whether the proposed Ph.D. theme is partly, directly or indirectly related to the branch of knowledge in which the candidate has qualified for his Master's Degree? | |
| If so, briefly describe (in not more than 500 words) the input from the two disciplines to the proposed area of research for Ph.D. | |
| Details of publications, if any, bearing on inter-disciplinary research, pertaining to the topic. If yes, furnish the details | |
| Comments of the supervisor under whom inter-disciplinary research is proposed | |

Signature of the Supervisor

Signature of the Applicant

Signature of the Co-Supervisor

Signature of the HOD

APPENDIX-B
FUNCTIONS OF THE DOCTORAL COMMITTEE

1. To discuss, advise and recommend on all matters connected with the candidate's research from provisional registration till the submission of the thesis. Before the doctoral committee, the candidate has to make a presentation for about an hour and the doctoral committee would give detailed comments and guidelines.
2. To suggest courses to be undertaken by the candidate during the first year of his/her provisional registration, in the light of his/her attainment and with a view to fulfilling the requirements of the research.

Such courses of instruction may be given as short-term courses lasting from three to four months in such subjects as may be chosen by the Doctoral Committee and through seminars, discussions, occasional lecturers, laboratory techniques, field work, etc.

3. To conduct the Part I course work and examination for the candidate by written and oral examinations, on the completion of such courses, at the end of the first year of provisional registration and to report to the University on the fitness or otherwise of the candidate to proceed with his/her research work for the Ph.D. and recommending the confirmation of the provisional registration.

In case where a candidate is not approved at the end of the FIRST year by the Doctoral Committee/ University, it may recommend that the candidate should undertake additional course work /examination after a further period of not exceeding SIX MONTHS at the end of which he/she shall be examined again; and if found fit, his/her provisional registration will be confirmed and he/she will be permitted to proceed with his/her research work. A candidate who is not found fit even after the additional course and re-examination, shall not be permitted to continue research and his/her provisional registration shall be cancelled.

4. To monitor the candidate's work periodically by directing him/her [a] to give periodical seminars on his/her work; [b] to submit reports once in six months positively both in the case of full time and part-time candidates to the University on the candidates progress in research work in the prescribed format (Appendix-C); [c] to conduct and supervise and presentation by the candidate of the final draft of his/her proposed thesis for approval before the submission of synopsis of the thesis to the University and to give a certificate to this effect to be submitted along with the synopsis.
5. A Panel of (1) 3 Examiners from overseas of non-Indian origin with 10 and more than 10 years of research and teaching experience, (2) 3 examiners from North, East, Western parts of India and (3) 3 Examiners exclusively from Chennai region (for viva-voce purpose) has to be provided by Supervisor. (If the supervisor furnishes examiners from outside Chennai, he/she has to justify the reasons for suggesting such examiners). Appointment of overseas examiners need not to be insisted for the Indian Language subjects especially for Malayalam, Tamil and Kannada and other disciplines of Vaishnavism, Saiva Siddhantha, Jainology etc.

Panel of experts should be typewritten only, handwritten panel will not be accepted under any circumstances. Along with the names of the examiners the Panel should mention latest e-mail id, telephone nos. etc.

Provided that persons suggested for appointment as examiners should hold Ph.D. degree with teaching and/or research experience for at least 10 years at the post-graduate level with research publications in standard refereed research journals, national and international to their credit and **also a recognized Ph.D supervisor and should have produced Ph.D scholars**. There should not be repetition of more than 50 percent names in each of the two categories.

APPENDIX –C

PROGRESS REPORT OF THE PH.D. PROGRAMME

[To be submitted once in six months by both full-time candidates and part-time candidates]

- i. The progress reports shall be submitted by the candidate in quadruplicate, to the Supervisor accompanied by a report by the candidate about the work carried out during the period of this report (in about 300 words) duly signed by the candidate and countersigned by the Supervisor.
- ii. The Supervisor shall fill his/her part, sign it and get it countersigned by the Head of the Department of the Supervisor.
- iii. The first copy to be retained by the Supervisor for placing before the Doctoral Committee and subsequent office record, second copy shall be sent to the Registrar through the HOD, the third copy shall be sent to the parent institution wherever applicable and the fourth copy to the scholar.

1. Particulars about the candidate

[a] Name :

[b] Designation
(where applicable) :

[c] Institution where employed
(if applicable) :

[d] Period of the Report :

2. Registration Details

[a] Category of Registration : Full-time / Part-time (Internal) /
Part-time (External)

[b] Date of provisional registration
with University reference :

[c] Whether the provisional registration
has been confirmed
(If yes, give reference) : Yes / No

3. Particulars of the Supervisor(s)

[i] Supervisor

[a] Name :

[b] Designation :

[c] Institution where employed :

[ii] Co-Supervisor

- [a] Name :
[b] Designation :
[c] Institution where employed :
4. Name of Department / Institution where research is conducted :
5. Area of work and tentative title of the proposed thesis :
6. Details of the progress :
[a] Whether the candidate's report in triplicate is enclosed? : Yes / No
[b] Whether any papers have been published? : Yes / No
(if yes, furnish details)
[c] Whether seminars/conferences attended? : Yes / No
[d] Whether the prescribed course work has been completed? : Yes / No
If yes, courses completed .
7. Whether the tuition fee is being paid : Yes / No
- Date: Signature of the Candidate
8. Remarks of the supervisor
[a] Attendance : Satisfactory/Not Satisfactory
[b] Progress : Satisfactory/Not Satisfactory
[c] Expected time of completion :
9. Whether the Supervisor agrees with the Scholar's report? If yes, give details) :
Signature of Co-Supervisor : Signature of the Supervisor
(if applicable)
- Date:
Place:
Signature of the HOD
- Seal Signature of the Head of the Institution.

APPENDIX – D

Model for Cover and Title of the Ph.D. Thesis

TITLE OF THE THESIS

**Thesis submitted in
Partial Fulfillment of the
Degree of Doctor of Philosophy (Ph.D.)**

By

(Name of the Candidate)

(Name of the Department)

(Name of the Institution)

(Name of the Place)

(Month and Year)

APPENDIX – E

DECLARATION

I declare that the thesis entitled _____

submitted by me for the degree of Doctor of Philosophy (Ph.D.) is the record of work carried out by me during the period from _____ to _____ under the guidance of _____ and has not formed the basis for the award of any Degree, Diploma, Associateship, Fellowship, Titles in this University or any other University or other similar institution of Higher Learning.

Signature of the Candidate

APPENDIX – E1

CERTIFICATE FROM THE SUPERVISOR

I certify that the thesis entitled _____ submitted for the degree of Doctor of Philosophy (Ph.D.) by Mr./Ms. _____ is the record of research work carried out by him/her during the period from _____ to _____ under my guidance and supervision, and that this work has not formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or other Titles in this University or any other University or institution of Higher Learning.

Signature of the Supervisor
with designation

APPENDIX-F

PROFORMA FOR ADJUDICATION OF THE PH.D. THESIS

1. Name of the Candidate :
2. Title of the Thesis :
3. Discipline and Subject :
4. Name and Address of the Examiner :
5. Recommendations of the Examiner
(Please strike out whichever are not applicable) :
 - [a] Thesis is highly commended :

or

 - [b] Thesis is commended

or

 - [c] Thesis is commended and the degree may be awarded subject to the candidate's furnishing satisfactory clarification to my queries during the Public Viva Voce examination.

or

 - [d] Thesis is commended and the degree may be awarded subject to the condition that the corrections / modifications suggested by me are carried out in the thesis and duly certified by the supervisor – convener before the public viva-voce examination.

or

 - [e] Thesis needs to be resubmitted after revision for revaluation.

or

 - [f] Thesis is not commended and the degree may not be awarded.

Note: Please enclose your detailed report on the thesis. Please also enclose a list of questions, if any, to be asked at the public viva-voce examination.

6. Any other remarks

Place :

Date :

(Signature of the Examiner with Designation)

Address:

APPENDIX – G



UNIVERSITY OF MADRAS

Faculty of -----

The Senate of University of Madras hereby makes known that (Name of the Candidate) has been admitted to the degree of Doctor of Philosophy, he/she having been certified by duly appointed examiners to be qualified to receive the same in the year -----for the thesis entitled -----

(Title of the Thesis)

(Name of the Discipline)

Given under the seal of the University of Madras this -----
day of -----

Registrar

Vice-Chancellor

APPENDIX-G1



UNIVERSITY OF MADRAS

Faculty of -----

The Senate of University of Madras hereby makes known that (Name of the candidate) has been admitted to the degree of Doctor of Philosophy, he/she having been certified by duly appointed examiners to be qualified to receive the same in the year ----- for the thesis entitled -----

(Title of the Thesis)

(Names of the Disciplines) (Inter disciplinary)

Given under the seal of the University of Madras this -----
----- day of-----

Registrar

Vice-Chancellor

APPENDIX – H

Admission Procedure

The admission procedures could be completed by the Departmental Selection Committee of the University departments/ college admission committee / research institution committee, provided the following guidelines are adopted:

- a. The Departmental Selection Committee should be constituted by the Head of the Department with two recognized guides in the department with the proposed guide (a minimum of three members should be in the committee) as convener. If only one guide is available in any department, such department should constitute the above committee with the guides available from the neighbouring departments. The minutes of the selection process duly signed by the Departmental / college admission committee shall be appended.
- b. A check list of certificates (except Transfer Certificate) verified and certified by the admission committee shall be enclosed.
- c. Every applicant for Ph.D. must be checked for his eligibility, category of Registration, vacancy condition available with the Supervisor etc.
- d. With regard to a candidate proposing to work on the contribution of living author(s), a brief research proposal for conducting Ph.D. and a self declaration duly certified by the supervisor should be forwarded along with necessary permission obtained from the concerned author(s).
- e. Subject to the above conditions, the Head of the department of the University or Principal of the college on approval by the department/Campus admission committee can issue the Ph.D. admission letter. However, the provisional registration shall be issued by the University after ratifying the admission.
- f. Ph.D. Registration application form shall be forwarded to this office only after getting the approval for admission to the Ph.D. programme from the University.

ADMISSION:

The admission should be made purely on merit basis:

- i. 50% of marks shall be from the qualifying examination.
- ii. The entrance test which will be conducted by the respective Department/College/Institution shall carry a maximum of 50 marks as detailed below:

| Sl.No. | Type of Examination | Maximum marks |
|--------------|---------------------|---------------|
| i) | Written | 40 |
| ii) | Oral | 10 |
| Total | | 50 |

- iii. The candidate should secure at least 25 marks out of 50 marks in the entrance test (Written and Oral).
- iv. The candidate should take the examination only in the subject for which he/she has applied for admission to the Ph.D. programme.

- v. The Head of the Department/College/Institution may design the question paper for the entrance test. The question paper has to be set and valued by the respective admission committee of the Department/College/Institutions only.
- vi. The candidate with fellowship from the UGC, CSIR etc. / Project Fellow appointed in the major research project from funding agency / and teachers working in affiliated colleges shall be exempted from appearing for entrance test.
- vii. If the candidates have passed Master's degree in grading system, they may be asked to get equivalent marks or classification for the same from the University concerned and the same may be forwarded to the office with the selected list.
- viii. The conditions for admission prescribed under the regulations in respect of the Ph.D. programme should be strictly followed. All candidates should have passed two years PG degree course after three years first degree course and higher secondary of 12 years duration or two years PG degree course after three years first degree course with one year pre University under 11 years SSLC (10+2+3+2 / 11+1+3+2). Candidates who have passed the PG degree examination with less than 17 years of total duration of the course are not eligible for admission to the Ph.D, programme.
- ix. The Head of the Department of the University / The Principal of the College / the Director of recognized research institution should insist on the production of an eligibility certificate obtained from the Registrar of this University, before granting admission to them in respect of candidates who have passed their qualifying examination from other Boards / Universities.
- x. While forwarding the admission list the following should be furnished
 - a. The applications of the candidates who have applied for the Ph.D. programme along with the enclosures.
 - b. List of the candidates applied, interviewed and selected [as per the format]
 - c. Minutes of the meeting of the Departmental Selection Committee with signatures and office seal of all the members.
 - d. The check list of certificates (except Transfer Certificate) verified and certified by the departmental admission committee.
 - e. In case of foreign candidates a research visa obtained from the respective High Commission/Embassy or through Human Resource Development, Ministry of Education, Govt. of India, New Delhi, for the period of the Ph.D. programme. (two or three years as the case may be)**
- xi. The fee payable to the university should be collected from each candidate and remitted to the university after receipt of the communication regarding approval for admission to the Ph.D. programme from this University

xii. The following fees are payable by every research student admitted to the Departments:

| Sl.No. | Description | Amount in Rs. |
|-------------------------------|--|---------------------|
| i. | Cultural and Youth Festival Fee (other than sports, NSS etc.,) [Entry only] | 30/- |
| ii. | Fee for the Development of Infrastructure facilities in the University. [Entry only] | 30/- |
| Tuition / Research Fee | | |
| iii. | a) Persons working in Arts (Humanities & Languages Department) and Science Departments for this Purpose Full Time [per annum] Part Time [per annum] | 8,000/- 10,000/- |
| | c) Research Fee for Foreign students for | |
| | a) Arts [per annum] | 60,000/- |
| | b) Science [per annum] | 1,00,000/- |
| | c) Business Administration [per annum] | 1,00,000/- |
| iv. | Library fee [per annum] | 120/- |
| v. | Internet fee [per annum] | 500/- |

In addition to the above, the following fees are also payable by every candidate who is working in Laboratories:

| | | |
|-------|--|--------|
| vi. | Caution Deposit <i>(refundable at the time of leaving the Department after deduction the cost of breakages, if any)</i> | 1200/- |
| vii. | Special Laboratory fee for Chemicals [per annum] | 1500/- |
| viii. | Special Laboratory fee for Computers <i>(Candidates must provide for themselves the consumable for computer facility.)</i> [per annum] | 200/- |

The following fees are payable by every research scholar admitted to the college/ Institution:

| | | |
|-----|--|-------|
| ix. | Cultural and Youth Festival Fee (other than sports, NSS etc.,) [Entry only] | 30/- |
| x. | Fee for the Development of Infrastructure facilities in the University. [Entry only] | 30/- |
| xi. | Library fee [per annum] | 120/- |

The ultimate responsibility of admission rests only with the Heads of the Departments of the University/ Principals of the Colleges/ Directors of the Research Institutions concerned.

If it is observed at a later stage that the admission given by the University Department/ College/ Research Institution is incorrect, the same will be cancelled by the university at any stage of the Ph.D. Programme. The Heads of the Departments of the University / Principals/ Directors should certify that the selections are made on the basis of guidelines issued by the University. Approval for admissions should be sent to the university in the following formats:

i. List of Candidates applied

| Sl.No. | Name of the Candidate | Community FC/BC/ MBC/ SC/ST | Qualification (10+2+3+2) / (11+1+3+2) / (OUS PG/M.Phil) | Marks in PG Exams | Name of the University |
|--------|-----------------------|-----------------------------------|---|----------------------|---------------------------|
| | | | | | |

ii. List of Candidates interviewed

| No. | Name of the Candidate | Community FC/BC/ MBC/SC/ST | Marks in PG Exams (50) | Marks in Entrance Exam | | | Grand Total P.G. Exam +E.E. (100) |
|-----|-----------------------|----------------------------------|------------------------------|------------------------|--------------|---------------|---|
| | | | | Written (40) | Oral (10) | Total (50) | |
| | | | | | | | |

iii. List of Candidates selected

1

| No | Name of the Candidate | Community FC/BC/ MBC/ SC/ST | Grand Total P.G. Exam + E.E. (100) | Rank / Selection / Waiting list |
|----|-----------------------|-----------------------------------|--|------------------------------------|
| | | | | |

(Signature of the Members of the Selection Committee)
with office seal

APPENDIX – I

Specifications of requirements for an institution/department to get the recognition to conduct research leading to Ph.D.:

- i. Minimum two persons with Ph.D. qualifications in the area(s) of research by the department / institution as approved by the University.
- ii. Library facilities with adequate books, Journals, in the area of research literature / retrieval facility through CD – ROM / Internet facilities
- iii. Laboratories with equipments as required for the discipline of research for which recognition is sought (specific details to be provided by the respective Boards of Studies for the discipline concerned).
- iv. Adequate working space for the research students in terms of laboratories, Study rooms, Seminar room facilities etc.
- v. Faculty research profile of the department seeking recognition along with the department / faculty contributions made in the respective fields.
- vi. Proportionate increases of hostel, canteen and student amenity facilities.
- vii. Details of existing infrastructure facilities of the department / institution.

APPENDIX-J

Regarding recognition of personnel working in R&D Laboratories of private and public sector undertakings/similar institutions of Languages, Humanities, Arts, Social Sciences, Sciences, Commerce, Management Sciences and Medical Sciences.

1. There should be a recognized co-guide for each student in the concerned University departments/affiliated PG colleges recognized as centres for conducting research leading to Ph.D. degree.
2. There should be at least three personnel to be recognized as guides in the R & D centres/similar institutions of Languages, Humanities, Arts, Social Sciences, Sciences, Commerce, Management Sciences and Medical Sciences. This is necessary because in the event of the personnel/guide leaving the organization (as it happens in industries) the students may be shifted to one of the remaining research personnel.
3. The organization should permit the students to publish/present research papers in the National/International conferences.
4. Researchers with Ph.D. degree who fulfill the norms of the University may be recognized as guides from the designation “Senior Manager” (R & D) / equivalent cadres.
5. The student should pay the fees prescribed to the University.
6. It is the responsibility of the R & D centres/institutions to provide the facilities and resources to the students until he/she completes his/her Ph.D. work.

Ph.D. RESEARCH PROGRAMMES OF THE UNIVERSITY DEPARTMENTS

| Sl.No. | Name of the Department | Fields of Ph.D. Research (Full-Time and Part-Time) |
|---------------|--|---|
| 1. | Ancient History and Archaeology | Ancient History & Archaeology |
| 2. | Indian History | Historical Studies |
| 3. | Anthropology | Anthropology |
| 4. | Criminology | Criminology |
| 5. | Psychology | Psychology |
| 6. | Education | Education |
| 7. | Adult & Continuing Education | Continuing Education |
| 8. | Sociology | Sociology |
| 9. | Anna Centre for Public Affairs | Public Affairs |
| 10. | Politics and Public Administration | Political Science Public Administration |
| 11. | Centre for South and South East Asian Studies | South & South-East Asian Studies |
| 12. | Defence and Strategic Studies | Defence & Strategic Studies |
| 13. | Legal Studies | Legal Studies |
| 14. | Economics | Economics |
| 15. | Econometrics | Econometrics |
| 16. | Dr. Ambedkar Centre for Economic Studies | Development Economics |
| 17. | Agro Economic Research Centre | Agro Economics |
| 18. | Mass Media and Communication Studies | Mass Media & Communication Studies |
| 19. | Information Science | Information Science |
| 20. | Philosophy | Philosophy |
| 21. | Siva Siddhantha | Saiva Siddhanta |
| 22. | Vaishnavism | Vaishnavism |
| 23. | Jainology | Jainism |
| 24. | Christian Studies | Christian Studies |
| 25. | JBAS Centre for Islamic Studies | Islamic Studies |
| 26. | Indian Music | Indian Music |
| 27. | English | English |
| 28. | French | French |
| 29. | Tamil Language | Tamil Studies |
| 30. | Tamil Literature | Tamil Literature & Culture |
| 31. | Telugu | Telugu |
| 32. | Malayalam | Malayalam |
| 33. | Kannada | Kannada |
| 34. | Sanskrit | Sanskrit |
| 35. | Hindi | Hindi |
| 36. | Arabic, Persian and Urdu | Arabic, Persian & Urdu |
| 37. | Commerce | Commerce |
| 38. | Management Studies | Management Studies |
| 39. | Ramanujan Institute of Advanced Study in Maths | Mathematics |

| | | |
|-----|--|---|
| 40. | Statistics | Statistics |
| 41. | Computer Science | Computer Science |
| 42. | Geography | Geography |
| 43. | Geology | Geology |
| 44. | Applied Geology | Applied Geology |
| 45. | Analytical Chemistry | Analytical Chemistry |
| 46. | Inorganic Chemistry | Inorganic Chemistry |
| 47. | Organic Chemistry | Organic Chemistry |
| 48. | Physical Chemistry | Physical Chemistry |
| 49. | Energy | Energy |
| 50. | Polymer Science | Polymer Science |
| 51. | Crystallography & Biophysics | Crystallography & Biophysics |
| 52. | Nuclear Physics | Nuclear Physics |
| 53. | Theoretical Physics | Theoretical Physics |
| 54. | Central Instrumentation & Service Lab. | Instrumentation |
| 55. | CAS in Botany | Plant Biology & Biotechnology |
| 56. | Zoology | Animal Biology & Biotechnology |
| 57. | Biochemistry | Biochemistry |
| 58. | Biotechnology | Biotechnology |
| 59. | Anatomy | Anatomy |
| 60. | Endocrinology | Endocrinology |
| 61. | Medical Biochemistry | Medical Biochemistry |
| 62. | Genetics | Genetics |
| 63. | Microbiology | Microbiology |
| 64. | Pharmacology & Envi. Toxicology | Environmental Toxicology |
| 65. | Physiology | Physiology |
| 66. | Pathology | Pathology |
| 67. | National Centre for Ultra Fast Processes | Photonics and Bio-Photonics |
| 68. | Nano Science & Nano Technology | Nano Science & Nano Technology |
| 69. | Institute of Distance Education (IDE) | Computer Science Economics English History Commerce Management Studies Mathematics Psychology Public Administration Political Science Tamil |
| 70. | Women's Studies | Women's Studies |
| 71. | Material Science | Material Science |
| 72. | Network Systems and information Technology | Network Systems and information Technology |

Ph.D. RESEARCH PROGRAMMES OF THE AFFILIATED COLLEGES

| Sl.No. | Name of the Institution | Ph.D. (Full-Time) Ph.D. (Part-Time) | Ph.D. (Part-Time) only |
|---------------|--|--|---|
| 1. | A.M.Jain College Meenambakkam, Chennai – 600 114 | Physics, Economics | ----- |
| 2. | Anna Adarsh College for Women 9 th Main Road, Anna Nagar Chennai – 600 040 | Public Administration | Travel & Tourism Management Commerce |
| 3. | Bharathi Women's College 85, Prakasam Salai, Chennai – 600 108 | English, Biochemistry Geography, Botany, Tamil, History | ----- |
| 4. | C Kandaswami Naidu College Anna Nagar, Chennai 600 102 | ----- | Economics |
| 5. | Chellammal Women's College of the Pachaiyappa's Trust 112, Annasalai, Guindy, Chennai – 600 032 | ----- | English Tamil |
| 6. | Defence Services Staff College, Wellington, Nilgiris – 643 231 | Defence and Strategic Studies | |
| 7. | Dhanraj Baid Jain College Old Mahabalipuram Road, Thorapakkam, Chennai – 600 096 | Commerce Corporate Secretaryship | Mathematics |
| 8. | Dharmapuri Rao Bahadur Calavala Cunnan Chetty's Hindu College Pattabiram, Chennai – 600 072 | | Mathematics English |
| 9. | Dr. Ambedkar Govt. Arts College Vyasarpadi, Chennai – 600 039 | Commerce, Computer Science | Mathematics |
| 10. | Dwaraka Doss Goverdhan Doss Vaishnav College 833, Periyar E.V.R. Salai, Arumbakkam, Chennai – 600 106 | Computer Science, Chemistry, Economics, Commerce, Botany | English |
| 11. | Ethiraj College for Women 70, Ethiraj Salai, Egmore Chennai – 600 008 | Commerce, Economics, English, History, Tamil, Zoology, Chemistry, Plant Biology & Plant Biotechnology, | Mathematics |
| 12. | Govt. Arts College 329, Anna Salai, Nandanam Chennai-600 035 | Zoology, Commerce, Botany (Botany Laboratory) Chemistry, Physics, | History, commerce, Mathematics, Economics, Tamil , English |
| 13. | Guru Nanak College Anna Campus, Velachery Road Chennai – 600 042 | Zoology, Commerce, Economics, Defence Studies, Chemistry | English, Tamil |

| | | | |
|-----|--|--|--|
| 14. | Jaya College of Arts & Science C.T.H. Road, Thiruninravur, Chennai – 602 024 | Bio-Technology | |
| 15. | Jayagovind Harigopal Agarwal Agarsen College , Madhawaram, Chennai 600 060 | Commerce | |
| 16. | Justice Basheer Ahmed Sayeed College for Women , 56, K.B. Dasan Road, Teynampet, Chennai – 600 018 | Home Science, Psychology, Zoology | Commerce |
| 17. | Kanchi Sri Krishna College of Arts & Science Kilambi-Krishnapuram, Kanchipuram – 631 551 | Microbiology* | |
| 18. | Kumararani Meena Muthiah College of Arts & Science , 4, Crescent Avenue Road, Gandhi Nagar, Adyar, Chennai –20 | ----- | Commerce |
| 19. | L.N. Govt. College T.H. Road, Ponneri, Tiruvalluvar Dist. – 601 204 | ----- | Mathematics, History |
| 20. | Loyola College Sterling Road, Nungambakkam, Chennai – 600 034 | Chemistry, Entomology, Mathematics, Physics, Statistics, Zoology, Plant Biology & Plant Biotechnology, English, Commerce, Economics, History, Social work. | |
| 21. | M.O.P. Vaishnav College for Women No.20, IV Lane, Nungambakkam High Road, Chennai – 600 034 | Commerce | Business Administration Mathematics |
| 22. | Madras Christian College Tambaram Chennai – 600 059 | History, Commerce, Political Science, Public Administration, Economics, Philosophy, Tamil, English, Mathematics, Statistics, Physics, Chemistry, Botany, Zoology | |
| 23. | Meenakshi College for Women 363, Arcot Road, Kodambakkam, Chennai – 600 024 | History | Economics Tamil |
| 24. | Mohammed Sathak College of Arts and Science , Sholinganallur, Chennai 600 119 | Biotechnology, Microbiology, Biochemistry* | |

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| 25. | National Defence College, (Ministry of Defence) No.6, Tees January Marg, New Delhi-110 011. | Defence Studies | |
| 26. | Pachaiyappa's College 113, E.V.R. Periyar High Road, Chennai – 600 030 | History, Philosophy, Tamil, English, Mathematics, Physics, Botany, Zoology, Economics, Commerce, Chemistry | |
| 27. | Pachaiyappa's College for Men Kancheepuram – 631 501 | Economics | Commerce |
| 28. | Pachaiyappa's College for Women Kancheepuram – 631 501 | ----- | Commerce |
| 29. | Presidency College 100, Kamaraj Salai, Chennai – 600 005 | Mathematics, Statistics, Physics, Chemistry, Plant Biology & Plant Biotechnology, Zoology, Geology, Geography, Psychology, Applied Microbiology, History, Political Science, Public Administration, Economics, Commerce, English, Tamil, Sanskrit, Telugu, Computer Science | |
| 30. | Quaid-e- Milleth College Tambaram-Velachery Road, Medavakkam, Chennai-601 302 | Tamil | Commerce |
| 31. | Quaid-e-Milleth Govt. College for Women Anna Salai, Chennai – 600 002 | Mathematics, Plant Biology and Plant Biotechnology, Computer Science, Historical Studies, Economics | English |
| 32. | Queen Mary's College for Women Mylapore Chennai – 600 004 | Tamil, Mathematics, Botany, Chemistry, Geography, Zoology, Music, Physics, English, Sociology, History, Economics | Commerce |
| 33. | Ramakrishna Mission Vivekananda College Mylapore - Chennai – 600 004. | Botany, Physics Chemistry, Economics, Philosophy, Sanskrit | Commerce |

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| 34. | S.D.N. Bhatt Vaishnav College for Women Chrompet, Chennai – 600 044 | Physics, Computer Science, Statistics, Plant Biology & Plant Biotechnology, Commerce, History | Economics |
| 35. | S.I.V.E.T College Gowrivakkam, Chennai – 601 302 | ----- | History Mathematics Commerce |
| 36. | Sir Theagaraya College 1047, T.H. Road., Chennai – 600 021 | Economics History Zoology | |
| 37. | Sri Sankara Arts & Science College Enathur Villaage, Kancheepuram – 631 561 | Biotechnology | Commerce |
| 38. | Sri Subramaniswami Govt. Arts College, Tiruttani, – 631 209 | ----- | History |
| 39. | Stella Maris College for Women 17, Cathedral Road, Chennai – 600 086 | Economics, Chemistry English Mathematics | Fine Arts Social Work |
| 40. | Tamil Nadu Institute of Labour Studies Kamarajar Salai, Chennai – 600 005 | Labour Management | |
| 41. | The Madras School of Social Work 32, Casa Major Road, Egmore, Chennai-8. | Social Work | |
| 42. | The New College 87, Peters Road Royapettah, Chennai – 600 014 | Chemistry, Zoology Economics, Commerce Arabic, English, Tamil | Physics |
| 43. | The Women's Christian College College Road, Nungambakkam, Chennai – 600 006 | Home Science Psychology History, Biotechnology | |

Ph.D. RESEARCH PROGRAMMES OF THE RECOGNIZED RESEARCH INSTITUTIONS

| Sl.No. | Name of the Institution | Ph.D. (Full-Time) Ph.D. (Part-Time) | Ph.D. (Part-Time) only |
|--------|---|--|---------------------------|
| 1. | Anna Institute of Management 3/1, Mahizhampoo, 163/1 P.S. Kumarasamyraja Salai, Chennai – 600 028 | ----- | Finance Transport |
| 2. | Apollo Hospital 21, Greaves Lane, Opp Greaves Road, Chennai – 600 006 | Biochemistry | |
| 3. | Asthaagiri Herbal Research Foundation No.1, 162A, Second Floor, Perungudi Industrial Estate, Perungudi, Chennai – 600 096 | Chemistry | ----- |

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| 4. | C.P. Ramasamy Aiyer Foundation 1, Eldams Road, Alwarpet, Chennai-600 018. | Historical Studies, Environmental Studies | ----- |
| 5. | Cancer Institute Adyar, Chennai – 600 020 | Oncology | ----- |
| 6. | Captain Srinivasa Murthi Research Institute of Ayurveda & Siddha Drug Development Arumbakkam, Chennai 600 106 | Chemistry | ----- |
| 7. | Central Electrochemical Research Institute Madras unit, CS.I.R Complex, Chennai 600 113 | Chemistry (Electro Chemistry) | ----- |
| 8. | Central Institute of Brackish Water Aquaculture 75, Santhome High Road, R.A. Puram, Chennai – 600 028 | Fishery Biology Aquaculture & Genetics Nutrition & Biochemistry Marine Ecology, Pathology and Microbiology in Aquaculture Comparative Endocrinology and Reproductive Biology | ----- |
| 9. | Central Institute of Plastic Engineering and Tools Guindy, Chennai 600 025 | Polymer Science & Technology Polymer Engineering | ----- |
| 10. | Central Leather Research Institute (CLRI) Adyar, Chennai 600 020. | Biological Sciences, Chemical Sciences, Physical Sciences, Engineering Sciences & Technology, Economics Management, Library, Social & Informational Sciences. | ----- |
| 11. | Centre for Research on New International Economic Order (CRENIEO) No. 36, New Mahabalipuram Road Muttukkadu, Chennai - 603 112. | Economics History Sociology | ----- |
| 12. | Department of Archaeology Govt. of Tamil Nadu Halls Road, Egmore, Chennai-8 | Archaeology | |

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| 13. | <i>Fishery Survey of India (Chennai Unit)</i> , Fishing Harbour Complex Royapuram, Chennai – 600 013 | Zoology Fishery Science | ----- |
| 14. | <i>Frontier Lifeline Pvt. Ltd.</i> , Frontier Mediville (SEZ), Edoor/Elavoor Village Gumudipoondi Taluk, Thiruvallur District, Tamilnadu – 601 201. | Life Sciences | |
| 15. | <i>G.S. Gill Research Institute</i> Guru Nanak College Velacherry Road, Chennai – 42. | Insect-Plant Interactions | ----- |
| 16. | <i>Ganga Medical Centre & Hospitals Pvt. Ltd.</i> , 313, Mettupalayam Road, Coimbatore 641 043. | Molecular and stem cell Biology | |
| 17. | <i>Government Museum</i> Egmore, Chennai – 600 008 | Anthropology Chemical Conservation | ----- |
| 18. | <i>Hexaware Technologies</i> Hexavarsity Training Research & Development Division, Hexavar Towers , 115, G.N.Chetty Road, T.Nagar, Chennai -17. | Computer Science | |
| 19. | <i>Indira Gandhi Centre of Atomic Research (IGCAR)</i> , Kalpakkam - 603 102. | Physics, Chemistry Metallurgy Zoology /Life Science | ----- |
| 20. | <i>Institute for Defence Studies and Analyses</i> , No.1, Development Enclave, Rao Tula Ram Marg, New Delhi 110 010 | Defence Studies | |
| 21. | <i>Institute of Financial Management and Research (IFMR)</i> 24, Kothari Road, Nungambakkam, Chennai 600 034 | Finance Management* | |
| 22. | <i>International Institute of Tamil Studies</i> T.T.T.I. Post, Taramani Chennai 600 113 | Tamil | ----- |
| 23. | <i>International Institute of Biotechnology and Toxicology</i> Padappai, Kancheepuram – 601 301. | Analytical Chemistry, Entomology, Weed Science, Toxicology, Plant Pathology | ----- |
| 24. | <i>Loyola Institute of Business Administration</i> Loyola College, Chennai – 600 034. | Business Administration | ----- |

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| 25. | M.S. Swaminathan Research Foundation 3 rd Cross Road, Taramani Institutional Area Chennai – 600 113 | Biodiversity conservation, Biodiversity and Biotechnology Economics, | ----- |
| 26. | Madras Diabetes Research Foundation 4, Conran Smith Road, Gopalapuram, Chennai – 600 086 | Biochemistry Molecular Biology | ----- |
| 27. | Madras Institute of Development Studies 79, II Main Road, Gandhi Nagar, Adyar, Chennai – 600 020 | Economics, Social Science | ----- |
| 28. | Madras Research Centre of Central Marine Fisheries Research Institute (CMFRI) 75, Santhome High Road Annamalaipuram, Chennai – 600 028 | Marine Biology | ----- |
| 29. | Madras School of Economics Gandhi Mandapam Road, Kottur, Chennai 600 025. | Economics | ----- |
| 30. | National Environmental Engineering Research Institute, CSIR Complex, Taramani, Chennai 600 113 | Environmental Research | |
| 31. | National Institute of Epidemiology 2 nd Main Road, TNHB Main Road, Ayapakkam, Chennai – 600 077. | Epidemiology and Biostatistics , Microbiology | Social Work |
| 32. | National Institute of Technical Teachers Training and Research Taramani, Chennai – 600 113 | Engineering Education | ----- |
| 33. | National Metallurgical Laboratory CSIR Madras Complex, Taramani, Chennai – 600 113 | Chemistry | |
| 34. | Orchid Chemicals & Pharmaceuticals Ltd., RXD Centre No: 476/14 Old Mahaballipuram Road, Sholinganallur. Chennai – 600 119. | Biology | Chemistry |
| 35. | R&D of Malladi Drugs & Pharmaceuticals Ltd No. 52, Jawaharlal Nehru Road, Ekkatuthangal, Chennai – 600 097 | Biotechnology | ----- |
| 36. | Regional Meterological Centre New No.6, 50, College Road, Chennai – 600 006 | Atmospheric Science | ----- |
| 37. | Satya Nilayam Institute of Philosophy and Culture | Philosophy Sanskrit | ----- |

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| | 201, Kalki Krishnamoorthy Road, Thiruvanmiyur, Chennai 600 041. | | |
| 38. | SPIC Science Foundation Guindy, Chennai – 600 032 | ----- | Botany Agro-Chemistry Mathematics |
| 39. | Sri A.M.M. Murugappa Chettiyar Research Centre Photosynthesis and Energy Division Taramani, Chennai –113 | Energy Bio-Energy Bio-Mass for Rural Development. | ----- |
| 40. | State Resource Centre for Non-formal Adult Education, Adult & Continuing Education 1 st Street, Venkataraman Nagar Extn., 0Adyar, Chennai – 600 020. | Non-formal & Adult Education | ----- |
| 41. | Tamil Nadu Archives Egmore, Chennai 600 008. | ----- | Archives |
| 42. | The Heart Institute 175, N.S.K. Salai, Vadapalani, Chennai 600 026. | ----- | Cardiovascular and Thoracic Sciences |
| 43. | The Institute of Dialogue with Cultures and Religions, Loyola College Nungambakkam, Chennai 600 034. | Comparative Religion and Culture. | ----- |
| 44. | The Kuppaswami Sastri Research Institute Mylapore, Chennai 600 004 | Sanskrit | ----- |
| 45. | National Institute for Research in Tuberculosis Mayor V.R. Ramanathan Road, Chetpet, Chennai 600 031 | Microbiology, Immunology, Statistics | |
| 46. | VRR Institute of Biomedical Science No.87, Burkit Road, T.Nagar, Chennai-600 017. | Biochemistry | |
| 47. | Y.R.G Centre for AIDS Research & Education, VHS Hospital Campus, Rajiv Gandhi Road, Taramani, Chennai – 600 113 | Medical Microbiology (Faculty of Medicine) | ----- |
| 48. | Zoological Survey of India 100, Santhome High Road Chennai 600 028 | Zoology | ----- |
| 49. | Regenix Super Speciality Laboratories Pvt Ltd 42 Loganathan Nagar, 100 Feet | Biochemistry | |

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| | Road, Choolaimedu, Chennai 600 094 | | |
| 50. | <i>Vision Research Foundation [Sankara Nethralaya]</i> No41/18, College, Road, Chennai 600 005. | Biochemistry & Cell Biology, Genetics & Molecular Biology | |
| 51. | <i>Prof. M. Viswanthan Diabetes</i> Research Centre & M.V. Hospital for Diabetes (P) Ltd., No.4, West Mada Church Street, Royapuram, Chennai 600 013 | Biochemistry & Molecular Genetics | |

* Subject to approval of Guideship.