



PERIYAR UNIVERSITY
SALEM – 636 011, TAMIL NADU

DOCTOR OF PHILOSOPHY (PH.D) REGULATIONS 2022
(Applicable for candidates who have joined on or after 01.11.2022)
(In compliance with UGC Regulations 2016)



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1. PREAMBLE

The degree of Doctor of Philosophy (Ph.D.) is a research programme offered by Periyar University. Ph.D. degree is awarded to a candidate who, as per these regulations, has enrolled and fulfilled all academic requirements and at last submitted a thesis based on original and independent research in any particular discipline or involving more than one discipline (interdisciplinary), that contributes to the advancement of knowledge, which is approved by the suitably appointed examiners as required. These regulation (Periyar University Ph.D Regulations 2022) is derived based on the University Grants Commission (UGC) Regulations 2016 (Minimum Standards and Procedure for the award of Ph.D. degree) and hence the Ph.D. degree awarded by Periyar University is in compliance with the UGC Regulations 2016. The registration will be automatically cancelled if any of the conditions/regulations/rules framed in these regulations is not adhered by the candidate as well as other stakeholders of the Ph.D. programme including supervisors.

2. ELIGIBILITY

For the purpose of admission to Ph.D. programme, a candidate should have obtained a master degree

- i) with 55% marks and 50% for SC/ST/OBC (non creamy layer)/differently-abled or equivalent grade (as prescribed by the UGC).
- ii) and acquired Master's Degree under 10+2+3+2/10+2+4+2 chronological pattern of programmes of study.

2.1.1 ADMISSION CATEGORIES

Candidates can register the Ph.D. programme under two categories either Full-Time or Part-Time.

2.1.2 FULL-TIME

2.1.2.1 Any candidate with the minimum eligibility qualification as prescribed in Section 2 of this regulation shall pursue research as a Full-Time scholar under a recognized supervisor of the Periyar University either in the University Department or in the research department of an

affiliated college of this University/research institution which was approved by the University as a research department.

2.1.2.2 Research fellows/Research assistants/Project assistants appointed in the research projects funded by recognized funding agencies /government, operated in the Departments of this University or approved research centres of this University are also eligible to register for Ph.D. on full-time basis in the same department/research centre provided they satisfy the eligibility criteria laid down in Section 2 of this regulation.

2.1.3 PART TIME

Any candidate with the minimum eligibility qualification prescribed in Section 2 of this regulation and falling under any of the following categories shall pursue research as a Part-Time scholar under a recognized supervisor of the Periyar University working in a University Department or in any of the approved research department of an affiliated college/research institution of this University.

2.1.3.1 A faculty member working in a University Department of this University or in an affiliated college of this University.

2.1.3.2 A teacher working in a Higher Secondary School or High School or Polytechnic situated within Tamil Nadu with a minimum of three years of permanent service.

2.1.3.3 A candidate employed (other than a teacher) in a permanent job, within Tamil Nadu and nearby Bengaluru with a minimum of four years of service put in continuously after the qualifying degree.

2.1.3.4 Research assistant/Technical assistant working in permanent service in a University Department with a minimum of two years service.

Candidates seeking registration for Ph.D. programme under part time category shall submit 'No Objection Certificate' from their respective Head of the Institution/Employer. Candidates registered for part time Ph.D. programme shall submit the certificate for continuation in service from the Head of the Institution/employer every year through the Research Supervisor and the concerned Head of the Department or Head and Principal of the Research

Centre in an affiliated college. Registration of candidates under clauses 2.1.3.1 to 2.1.3.4 mentioned above automatically ceases when the candidate leaves from the employment.

2.2 ELIGIBILITY FOR FOREIGN STUDENTS

Candidates from abroad are permitted to register for Full-time Ph.D. programme as mentioned in Section 2.1.2 provided the candidate possesses academic requirements equivalent to academic qualifications mentioned in 2. Once they apply with the necessary documents, the University shall decide on their eligibility and subsequent admission process.

3. DURATION OF RESEARCH, EXTENSION AND RE-REGISTRATION

3.1 Duration: The minimum and maximum period of the Ph.D. programme is counted from the date of registration (as per the notification by the Research Section of this University) and the durations are as follows:

Mode	Category	Minimum Period	Maximum Period
Full-time	PG with M.Phil.	2 years	5 years
	PG	3 years	5 years
	M.E./M.Tech.	2 years	5 years
Part-time	PG with M.Phil.	3 years	6 years
	PG	4 years	6 years
	M.E./M.Tech.	3 years	6 years

3.2 Extension: Extension of time for submission of Ph.D. thesis shall be granted up to a maximum period of two years on payment of the fee prescribed. Such extension shall be granted initially for one year and may be extended for another year with specific recommendations of the research supervisor by highlighting the work done so far and the need for an extension.

3.3 Re-registration: A candidate, who could not submit the thesis but completed coursework within the stipulated period may choose to re-register with the prescribed fees at least one month before to the expiry of the maximum period provided the candidate continues on the same topic under the same Supervisor. In such instances, the re-registered candidate shall be permitted to submit his/her thesis after one year but not later than two years from the date of re-registration. The re-registered candidates shall

continue to be governed by the same regulations under which they have been previously registered. However, the fees must be paid as per the fee structure of the Ph.D. programme in force.

3.4 Special extension: The Ph.D. candidates, who could not submit their thesis beyond the re-registration period under extraordinary circumstances, can submit an application through proper channel for a special extension with remittance of Rs. 10,000/- which will normally for a period of six months within which the thesis should have been submitted. Failure to submit the thesis beyond this period leads to the cancellation of the Ph.D registration.

3.5 Relaxation: The women candidates and persons with disability (more than 40% disability) may be allowed a relaxation of two years in the maximum period for the Ph.D programme. In addition to this, women candidates may be permitted to avail maternity leave/child care leave for a period of up to 240 days once in the entire duration of the Ph.D programme.

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

Notwithstanding anything prescribed in these regulations, the University shall 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/conditions in force. The period taken by the candidate will be worked out in the ratio of 2:3 for research work done before and after such a conversion in the case of full-time to part-time (respectively 3:2 in the case of part-time to full-time). The conversion is allowed only once during the entire period of research after paying the prescribed fee, but not allowed for those who have already completed the maximum period.

5. ATTENDANCE REQUIREMENTS

5.1 A candidate registered on a full-time basis shall work for the minimum period of research, prescribed above from the date of provisional registration and before submission of thesis in the Department or Research Centre or Institution approved for research

under the continuous supervision of the Research Supervisor. The candidate may avail the maximum of 12 days leave on personal grounds and 30 days on duty leave for research related work per year. Additional on duty leave may be granted by the Head of Department with the recommendation of the Research Supervisor.

5.2 A candidate registered on part-time basis in all subjects except that involve laboratory work shall work for a minimum of two months in every academic year at the Research Centre of the candidate. The Supervisor has to certify the same by issuing the attendance certificate duly forwarded by the Head of the Department/ Research Centre to the research section of this University.

5.3 Provided that those who have been permitted to be registered on a part-time basis in subjects involving laboratory work in an institution other than the place of work shall be required to work for a minimum total period of six months in the Research Centre directly under the guidance of the research supervisor.

6. SUPERVISORS FOR RESEARCH

6.1 QUALIFICATIONS AND RECOGNITION

Any permanent faculty member who is working as a Professor in a University Department or an Affiliated College of this University or a Research Centre approved by this University with at least five research publications (other than Ph.D. research) as first or corresponding author in UGC CARE list of journals out of which at least three must be in Web of Science/Scopus listed journals shall be recognized as Research Supervisor (The research articles published in Web of Science/Scopus journals must be indexed in Web of Science/Scopus data base).

6.2 Any permanent faculty member who is working as an Associate Professor in a University Department or in an Affiliated College of this University or in a Research Centre approved by this University with at least 2 years of teaching/post-doctoral experience after the award of Ph.D. degree and at least two research publications (other than Ph.D. research) as first or corresponding author in Web of Science/Scopus listed journals shall be recognized as Research Supervisor (The research articles published in Web

of Science/Scopus journals must be indexed in Web of Science/Scopus data base).

- 6.3** Any permanent faculty member who is working as an Assistant Professor in a University Department or in an Affiliated College of this University or in a Research Centre approved by this University with at least 2 years of teaching/post-doctoral experience after the award of Ph.D. degree and at least two research publications (other than Ph.D. research) as first or corresponding author in UGC-CARE list of journals out of which at least one must be in Web of Science/Scopus listed journals shall be recognized as Research Supervisor (The research articles published in Web of Science/Scopus journals must be indexed in Web of Science/Scopus data base).
- 6.4** Emeritus Scientists/Fellows/Professors/Honorary Professors of the University Department or in an approved Research Centre of this University who has got research funded projects from UGC/CSIR/ICAR and other Governmental/Non-Governmental agencies fulfilling the conditions as per 6.1 shall also be recognized as research supervisors. They shall be allowed to guide Ph.D. scholars till they complete the age of 65 years provided such a scholar is a research fellow in the funded project.

6.5 PROCESS OF RESEARCH SUPERVISOR RECOGNITION

- 6.5.1** Any permanent faculty member working in a University Department or Affiliated College or an approved Research Centre of this University shall apply to the University in prescribed form enclosing necessary documents and after paying the necessary fees for recognition as Research Supervisor.
- 6.5.2** A faculty member working in a self-financing college on a regular basis and who applies for the recognition as Research Supervisor must submit a copy of the "Qualification Approval" for Assistant Professor issued by the Registrar of this University along with their application.
- 6.5.3** Research Supervisor recognition shall not be granted to the teachers working as Guest Lecturers/Teaching Assistants.
- 6.5.4** A Research Supervisor who resigns and joins another institution must produce the documents again to confirm that the new job is also a permanent position.

6.5.5 The entire process of recognition as Research Supervisor shall be referred to a Committee consisting of the Research Coordinator/Director of Research, Dean of the respective Faculty and Chairman of the BoS (PG). The committee recommendation shall be submitted as minutes to the Research Section and the same has to be approved by the authorities of the University.

6.6 NUMBER OF RESEARCH SCHOLARS UNDER A RESEARCH SUPERVISOR

6.6.1 A supervisor is allowed to guide two research scholars initially after getting the guideship. After publishing minimum of four papers in Web of Science/Scopus journals as corresponding author, he/she shall be permitted to guide students without exceeding the limit as given in 6.6.2.

6.6.2 The total number of Ph.D. scholars for the Ph.D programme at any point of time shall not exceed eight in the case of a Professor, six in the case of an Associate Professor and four in the case of an Assistant Professor working in the University Department or an Affiliated College or a Research Institution approved by this University. The allotment in each cadre is subject to the facilities available in the respective research department and the number of scholars approved by this University.

6.6.3 The number of part-time candidates under a Supervisor at any time shall not exceed 50% of the total number of candidates permitted under any Research Supervisor.

6.6.4 The supervisor shall submit the evidence of change of designation to increase the number of Research Scholars under his/her supervision.

6.6.5 Vacancy under a guide will arise as and when a registered candidate submits the Ph.D. thesis or cancellation of registration.

6.6.6 A supervisor should 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.

6.7 CHANGE OF SUPERVISOR

6.7.1 Transfer of Ph.D. scholars from one Research Supervisor to another Research Supervisor shall be possible if the mutual willingness is given by both the original and the new Supervisor provided the scholar has submitted periodical reports at the time of applying for a change of Supervisor.

- 6.7.2** If the candidate wishes to change supervisor, who is working in an approved research centre, the candidate can give a letter of request for a change of supervisor with valid reasons.
- 6.7.3** If the supervisor is not willing to continue the research guidance for any of the candidates registered under him/her, the Research Supervisor can give a letter of request to the University expressing his unwillingness to supervise the candidate for valid reasons.
- 6.7.4** The supervisors who wish to avail leave/lien/deputation beyond a period of six months shall nominate a Co-supervisor in the concerned subject for the candidates registered under them and the same is to be intimated to the University research section in advance for approval.
- 6.7.5** On the demise of the supervisor, the candidate shall be permitted to transfer his/her registration to another supervisor in an approved research centre after getting permission from the University.
- 6.7.6** If a Supervisor is transferred to another college with an approved research centre within Periyar University jurisdiction, the candidates of the respective supervisor shall continue their research under the same Supervisor by getting the change of centre by paying the prescribed fee.
- 6.7.7** If a Supervisor is posted on transfer where the department of a college is not recognized as a Research Centre by Periyar University, then the candidates registered under the above-said Supervisor should (a) either get change of supervisor in the same institution by paying the prescribed fee (or) (b) the candidates can continue their research in the same college only after having a Co-supervisor in the same college.
- 6.7.8** If a supervisor is transferred to a college situated outside the jurisdiction of Periyar University, the candidates registered under the former supervisor can continue their research by changing the supervisor after paying the prescribed fee or find a Co-supervisor in the same research department of the college registered, with the following conditions:
- a) If the Supervisor migrates to any institute outside Periyar University jurisdiction after the completion of coursework/minimum duration/after the submission of the synopsis of their research candidates, the candidate can continue in the same research centre with a Co-supervisor.

- b) If the research Supervisor transferred/migrates to any institution outside Periyar University jurisdiction, before the completion of course-work/minimum duration/submission of synopsis, the Supervisor should surrender the scholars to the research centre and the Ph.D. candidates must opt for a change of Supervisor.

All the above cases shall be referred to the Grievance Redressal Committee for consideration. Based on the committee's decision, the candidate may be allowed to change to a new research centre or work under a new supervisor and continue the research work. After changing the supervisor, the candidate shall carry out research work for a minimum of one year period and publish a minimum of one research paper in the UGC CARE listed journals with the new supervisor.

7. ADMISSION PROCEDURE

- 7.1** Admission for Ph.D. programme shall be conducted twice a year during July and December. The University shall admit candidates through two stage process through a Common Eligibility Test (CET) and a personal interview. The Ph.D. applicants aspiring to join both Full-Time and Part-Time in a University Department or Research Centre of an affiliated college or an approved Research Centre of this University shall submit their applications to Research Section Management (RSM) through the online portal. Call for applications for the CET will be advertised in newspapers/University website during May or October.
- 7.2** The Common Eligibility Test (CET) shall be conducted by the Research Section of this University on its premises and the CET score is valid for one year (two admission sessions). The entrance examination will be conducted for 40 marks comprising of 40 multiple choice questions (40 x 1 = 40 marks) to examine the research aptitude, concept, intellectual ability, and subject knowledge at the PG level with a maximum time limit of 60 minutes. Those candidates who scored at least 15 marks in the written test will be declared eligible to apply for Ph.D. registration.
- 7.3** The candidates who are declared eligible in the entrance test have to apply for Ph.D registration through the Research Section Management (RSM) portal of this University. The call for submission of application will

be advertised in the University website during June/November.

- 7.4** Based on the submission of the application for Ph.D. registration, the personal interview will be conducted for 10 marks to identify the candidate's research interest/knowledge in the area of research through a presentation before the interview committee consisting of the Head of the department (provided HoD is a recognized supervisor) and all approved guides. The interview committee shall also check the applicant's competence for research.
- 7.5** Candidates securing at least 50% marks altogether (entrance test and interview) are eligible for admission. The final rank list shall be prepared by taking into consideration of CET score (50 %) and marks in P.G (50%).
- 7.6** Candidates who have qualified to receive a national fellowship exempting from writing entrance examination.

8. RESEARCH CENTRES

A candidate may be permitted to pursue research leading to the award of Ph.D. in any of the following institutions subject to the fulfillment of conditions of eligibility, availability of Supervisor and necessary facilities which are as follows:

- 8.1** University Departments of this University.
- 8.2** Research Departments of affiliated colleges which are recognized by the University as a research centre upon application. The following are the requirements for recognition of the Research Centre in an affiliated college of this University.
- 8.2.1** The proposed Research Centre should be an approved Post-Graduate Department of an Affiliated College. However, in very exceptional cases, for languages UG colleges may be permitted as research centres.
- 8.2.2** Minimum of two approved Ph.D. Research Supervisors in the subject concerned should be working at the time of applying for the Research Centre.
- 8.2.3** Library facilities with adequate books and journals in the area of research, INFLIBNET and internet facilities.
- 8.2.4** Separate research laboratories with equipment for the disciplines concerned.

- 8.2.5** Possess adequate working space for the research students in terms of study rooms, seminar room facilities, etc. The proportionate increase in the hostel, canteen, and other student amenities should be made available.
- 8.2.6** The details regarding the Research Profile of the Department seeking recognition along with the department/faculty contributions made in the respective fields shall be submitted in the application for recognition as a research centre. In addition, the application shall also contain the details of existing infrastructure facilities of the Department/Institution.
- 8.2.7** The strength of the research scholars shall be sanctioned based on the facilities and number of approved supervisors. However, the maximum strength shall not exceed the limit as given in 6.6.1.
- 8.3** The following norms shall be the requirement for recognition of Research and Development Centres/Laboratories of public and private sectors located in the territorial jurisdiction of the University as Research Centre of this University.
- 8.3.1** There should be at least two recognized supervisors in the R&D centres. (This is necessary because in the event of the personnel/supervisor leaving the organization the students may be shifted to one of the remaining research personnel).
- 8.3.2** The organization should permit the students to publish/present the paper at the National/International Conferences.
- 8.3.3** Researchers working with Ph.D. degrees who fulfill the norms of the University as per section 6 shall be recognized as supervisors.
- 8.4.4** 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.
- 8.4.5** The strength of the research scholars shall be sanctioned based on the facilities and number of approved supervisors. However, the maximum strength shall not exceed the limit as given in 6.6.1.

9 ALLOCATION OF RESEARCH SUPERVISORS

The allocation of Supervisor for a selected candidate shall be decided by the Department Selection Committee depending on the research interest of the student, the number of students per faculty member and the available specialization among the Supervisors. While allocating a supervisor, the choice of supervisor and the candidate shall be discussed and decided accordingly.

10 DOCTORAL COMMITTEE AND ITS FUNCTIONS

10.1 CONSTITUTION OF DOCTORAL COMMITTEE

For every candidate, a doctoral Committee of not less than three members shall be constituted by the supervisor with the approval of the University as follows:

- 10.1.1** Research Supervisor of the candidate shall be the Convener.
- 10.1.2** Head of the Department of the respective Research Centre shall be nominated as a member. In case, the Head of the Department (HoD) is not a Ph.D. degree holder, the next senior faculty member with Ph.D shall be nominated provided who should be a recognized supervisor.
- 10.1.3** If the HOD is the Research Supervisor, the next senior faculty member with Ph.D. degree shall be nominated as a member. If there is no Ph.D. holder in the Department, then the Principal can nominate any one member of the institution related to the Ph.D. programme as a member, who is a recognized supervisor.
- 10.1.4** The third member is the subject expert within Tamil Nadu, not below the designation of an Associate Professor with Ph.D. (or) an Assistant Professor with UGC prescribed qualifications (obtained qualification approval from the respective University) with Ph.D. and 10 years of teaching experience.
- 10.1.5** In respect of interdisciplinary research, the Co-supervisor shall also be included as a member, in addition to those members mentioned above.

10.2 FUNCTIONS OF DOCTORAL COMMITTEE

The Doctoral Committee will have the following functions with

regard to the candidate concerned.

- 10.2.1** Two doctoral committee meetings should be conducted.
- 10.2.2** The syllabus for the coursework must be framed and approved by the doctoral committee through circulation within 6 months from the date of registration.
- 10.2.3** The first doctoral committee meeting shall be conducted after the completion of coursework examination and some progress has been made by the research scholar in the topic of research work or identification of the research problem within 15 months from the date of registration.
- 10.2.4** Minutes of first doctoral committee meeting in the prescribed format (Appendix B) along with the statement of marks of the Ph.D. course work should be submitted to the research section immediately to confirm the Ph.D. registration.
- 10.2.5** If the progress of the research scholar is not satisfactory, another meeting of the Doctoral Committee has to be conducted within six months of the first meeting.
- 10.2.6** The second doctoral committee meeting shall be conducted before the submission of the synopsis to assess the suitability of the research scholar for submitting his/her Ph.D. dissertation. In presence of the doctoral committee members and faculty members as well as research scholars of the concerned department, the candidate has to make a Pre-Ph.D presentation in the meeting.
- 10.2.7** The doctoral committee shall assess and certify the quality of research work carried out and research papers published in journals. Without such a certificate, the synopsis/thesis shall not be accepted by the research section.

As soon as the conduct of doctoral committee meetings, the proceedings of the doctoral committee (Appendix – C) shall be submitted by the Supervisor. The minutes of the second Doctoral Committee shall be reflecting the following after the Pre-Ph.D presentation of the candidate:

1. Performance in the pre-Ph.D presentation

2. Quantum of work for thesis
3. Evidence of 2 research publications as the first author/corresponding author in the relevant theme of the thesis out of which one from Web of Science/Scopus journal and the other from the UGC CARE list.

(or)

Evidence of 2 research publications as first author/corresponding author in Web of Science/Scopus listed journals in the relevant theme of the thesis.

(The research articles published in Web of Science/Scopus journals must be indexed in Web of Science/Scopus data base).

4. Certificates of presentations in the conferences/seminars (2 Nos) in the relevant theme of the thesis.
5. Attendance of participants.

The research section shall approve the minutes and permit the candidate to submit the synopsis.

11 COURSEWORK

11.1 A candidate provisionally registered for the Ph.D. degree without M.Phil degree should complete five courses namely four under Part A and one under Part B at the end of the first year of the Ph.D. programme as indicated under 11.3.

11.2 A candidate with M.Phil. degree has to complete a course on Research Ethics under Part A and another under Part B (specialized area) at the end of the first year.

11.3 Five Courses under Part A and B as detailed below:

Part A

Course 1	Research Methodology	- 4 Credits
Course 2	Common paper (subject area)	- 4 Credits
Course 3	Research Ethics	- 2 Credits
Course 4	Specialization paper	- 4 Credits

Part B

Course 5 One course in the research area - 4 Credits
(Prescribed by the supervisor)

The syllabus for course 5 shall be framed by the concerned Supervisor and the same has to be approved by the Doctoral Committee through circulation as mentioned in 10.2.2.

- 11.4** The evaluation of the coursework papers shall be done as per direction of Controller of Examinations and the statement of marks for the coursework examination shall be issued by the office of the Controller of Examinations.
- 11.5** A candidate who has secured 55% of marks or equivalent grade of the UGC 7-point scale shall be declared that he/she has completed the coursework for the Ph.D. programme.

12 CONFIRMATION OF REGISTRATION

The Ph.D. registration of the candidate shall be confirmed on completion of the coursework examinations as mentioned in 11. For the same, the candidate shall make a presentation on the proposed research work before the Doctoral Committee during its first meeting. On the basis of recommendations of the first doctoral committee meeting, the Ph.D. registration of the candidate shall be confirmed and permitted to continue to do research and submit the thesis, after the minimum duration of research as prescribed in 3.1 of this regulation.

13. PROGRESS REPORT SUBMISSION

Every scholar of the Ph.D. programme shall submit progress report in the prescribed format once in six months in the case of full-time candidates and once in a year in the case of part-time candidates to the research section of the University through the supervisor. Periodical submission of progress reports should be ensured by the supervisor. It is the responsibility of the supervisor to report the failure if any on the part of the scholar regarding progress made to the research section of the University.

14 CANCELLATION OF PH.D. REGISTRATION

- 14.1** Any Ph.D. scholar who could not complete coursework examination and consequently the minutes of the first doctoral committee meeting has not been forwarded to the University within 15 months from the date of provisional registration of Ph.D. programme shall not be permitted to continue research. In such a case, the Ph.D. registration shall be cancelled by the University with immediate effect.
- 14.2** If the Research Supervisor writes to the University and recommends for cancellation of the registration of any research scholar under his supervision, the same shall be informed to the research scholar about the grounds on which the registration is being proposed for cancellation. In case of any representation from the candidate within two weeks, the research section shall refer the matter to the Grievance Redress Committee which may either suggest cancellation or change of supervisor based on the merit of the case. The decision of the committee shall be final.
- 14.3** If there is no reply from the research scholar within 15 days of the information, it shall be presumed that the candidate accepts the cancellation of registration, and the research section shall act accordingly.
- 14.4** If a scholar or the supervisor does not follow any of the provisions of the Ph.D. regulations, the registration of the candidate will automatically be cancelled.

15 REVOCATION OF CANCELLATION

The cancellation of Ph.D. registration after completion of maximum period may be revoked upon by paying the Revoke Fee of Rs. 40,000/- along with research fees due to the University and then the thesis should be submitted within one year. After that the registration gets cancelled once for all.

16 PRE-PH.D PRESENTATION

- 16.1** The pre-Ph.D presentation is a requirement to fine-tune the research work of the candidate. This presentation shall be conducted during the second doctoral committee meeting before the submission of the synopsis at the research centre concerned in the presence of the Doctoral Committee

Members, faculty members and research scholars. The pre-Ph.D presentation shall be conducted after notifying the same by Supervisor at least 7 days before the date of presentation. The scholar is expected to present the first draft of the research work or can explain the research findings. The gathering may suggest ideas/references to improve the research work and so on.

16.2 If the candidate is not successful in the pre-Ph.D. presentation, the candidate can appear again after six months for another pre-Ph.D. presentation.

16.3 The supervisor shall submit the minutes of the Pre-Ph.D. presentation of the candidate as mentioned in 10.2.7.

17. SUBMISSION OF SYNOPSIS

Every candidate shall submit the synopsis or both synopsis and thesis along with the required documents via the Research Section Management system through the Supervisor or the Convener of the doctoral committee wherever relevant with prescribed fees. The candidate shall also submit two hard copies of the synopsis and thesis immediately to the research section after the online submission. The candidate shall be allowed to submit the thesis within 3 months from the date of submission of the synopsis. In case the candidate fails to submit the thesis within the above period, a period of three months may be given as one-time extension to submit the thesis by paying the prescribed fees. Beyond the period of six months from the date of submission of the synopsis, the candidate has to resubmit the synopsis with prescribed fees.

The synopsis shall be written in English except for the Tamil Department (Appendix – D/E) not exceeding 20 pages (single-sided A4 papers). The Supervisor shall include the name of the examiners in the panel after getting concurrence to evaluate the thesis.

18. SUBMISSION OF PH.D THESIS

18.1 Not later than three months after the submission of the synopsis and after the completion of the prescribed minimum duration of

research, every candidate shall submit the Ph.D. thesis embodying the results of the research work carried out by the candidate via Research Section Management system through the Supervisor or the Convener of the doctoral committee wherever relevant with prescribed fees. The candidate shall also submit two hard copies of the thesis to the research section.

- 18.2** The hard and soft copies must exactly be the same.
- 18.3** The Ph.D. thesis shall be written in English except for the subject of Tamil. If the candidate prefers to submit the synopsis/thesis in Tamil it shall be permitted after obtaining prior permission. However, the candidate is encouraged to submit the thesis in Tamil along with an English translation.
- 18.4** The candidate has to translate the synopsis to Tamil and submit it to Tamil Virtual Academy (தமிழ் இணையக் கல்விக்கழகம்) along with art/technical terms involved in the thesis. The certificate issued by the academy along with a Tamil translation of the synopsis shall be enclosed in the thesis.
- 18.5** The title page of the thesis, cover, format, etc., shall be in accordance with the format prescribed (Appendix F - K). The hard copies of the thesis shall have a thin flexible cover probably white in color and not be hard bounded.
- 18.6** Ph.D. thesis shall carry a certificate as given in Appendix I duly signed by the Supervisor and a declaration signed by the candidate as given in the format prescribed in Appendix J.
- 18.7** It is mandatory for every Ph.D. candidate to submit the thesis within three months from the date of submission of the synopsis. If the candidate fails to submit the thesis within the above period, a period of three months may be given as one-time extension to submit the thesis by paying the prescribed fees. Beyond the period of six months from the date of submission of the synopsis, the candidate has to resubmit the synopsis with prescribed fees.

19 PLAGIARISM CHECKING

Every Ph.D. thesis shall have a plagiarism certificate as per the format given in Appendix K duly signed by the research scholar and research supervisor attesting to the originality of the work, vouching that there is no plagiarism in the contents of the Ph.D. thesis. The percentage of plagiarism shall not exceed the limit prescribed by the Periyar University.

20 PANEL OF EXAMINERS

The supervisor is directed to submit the panel of examiners consisting of academicians working in regular positions with a minimum of 10 years of teaching/research experience and with a good number of research publications & research output. The suggested examiners are expected to be from reputed academic institutions (for foreign examiners in the developed and developing countries) as mentioned below along with one-page brief bio-data of examiners.

- 20.1** Four examiners from different countries shall be from outside India out of which at least two examiners must be of non-Indian origin. For Indian Languages (Tamil, Telugu, Malayalam, Urdu etc.,) four examiners shall be from India but outside Tamil Nadu.
- 20.2** Four examiners shall be from South India (within 500 kms from Periyar University) but outside Periyar University territorial jurisdiction. For Indian languages (Tamil, Telugu, Malayalam, Urdu etc.,) four examiners shall be from Tamil Nadu but outside Periyar University's territorial jurisdiction.
- 20.3** None of the examiners so suggested being an immediate relative to the candidate.
- 20.4** In case the Vice-Chancellor is not satisfied with the panel of examiners submitted by the Research Supervisor, the Vice-Chancellor can ask for a fresh panel or in consultation with subject experts can nominate examiners.
- 20.5** A confirmation letter/email needs to be attached while preparing the list of examiners for approval.

21 ADJUDICATION OF PH.D. THESIS

- 21.1** The thesis shall be referred by the University for evaluation to a Board of Examiners, consisting of 3 experts; One from outside the country; One from outside Periyar University territorial jurisdiction and Research Supervisor.
- 21.2** The board of examiners so appointed shall evaluate the thesis and submit a report on the merit of the research work for the award of the Ph.D. degree. Each examiner is expected to give a detailed report on the thesis apart from the filled-in proforma for adjudication of Ph.D. thesis as prescribed in the format given in Appendix L.
- 21.3** The board of examiners shall report on the merit of the research work as “Highly Commended”, “Commended” or “Not Commended”.
- 21.4** 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.
- 21.5** The candidate should carry out the corrections etc, if any, suggested by the examiners, before the public viva-voce examination. The supervisor shall furnish a certificate to this effect, together with the list of corrections, to the University before the said examination.
- 21.6** If one of the external examiners recommends the award of the degree and the other does not recommend the award, the Vice-Chancellor shall refer the thesis to a fourth examiner for evaluation, provided that the fourth examiner so appointed shall be from the same category (i.e., from India or outside India) as the original examiner who evaluated the thesis and has not recommended.

The fourth examiner will not be provided the report of the previously appointed examiners. If the fourth examiner recommends the award of the degree, the candidate will be asked to appear for a public viva-voce examination.

If the fourth examiner also does not recommend the award of

the degree, the process shall be considered the Ph.D. thesis as rejected and the degree will not be awarded to the candidate.

The remarks made by the examiner in the adjudication report who has not recommended the award will be provided to the supervisor to enable him/her to advise the candidate to carry out the corrections/additions/alterations/modifications suggested by the examiners, subject to the needs as judged by the supervisor.

21.7 A candidate whose thesis has not been recommended for the award of the degree may be permitted to re-submit it on a second occasion within 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 revision done in the thesis.

21.8 If any examiner has made some comments and suggested corrections/modifications/alterations while not recommending the thesis and asking the candidate to resubmit the thesis, the candidate will be informed accordingly through the supervisor. The resubmitted thesis shall be referred to the same Examiner who originally evaluated the thesis for re-evaluation.

21.9 If two examiners give the recommendation against the award of Ph.D. degree, then the thesis will be rejected.

21.10 No candidate shall be permitted to submit a thesis on more than two occasions.

22 PUBLIC PH.D VIVA-VOCE EXAMINATION

22.1 A candidate whose thesis has been recommended by the Board of Examiners for the award of Ph.D. degree has to appear for a public Ph.D. Viva-voce examination conducted by the Viva-voce Examination Board consisting of the Supervisor as the Convener and one External Examiner. Normally, the Indian examiner, who evaluated the thesis, shall be appointed as the External Examiner to conduct the public Viva-voce examination for the candidate.

22.2 The public Viva-voce examination shall be conducted only in Research Centre, where the candidate has registered.

- 22.3** The Ph.D. viva-voce examination shall be notified at least 15 days before the date of viva-voce examination with proper announcement to the candidate and public. The date shall be fixed after receiving the communication from the research section for the appointment of examiner(s) to conduct the viva-voce examination.
- 22.4** Faculty members, research scholars, students of the concerned department and those who are interested in the subject matter may participate in the public Viva-voce examination.
- 22.5** 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 who attended the examination with their signatures, designations and addresses.
- 22.6** The internal examiner/supervisor shall also submit a consolidated report based on the reports of three examiners who adjudicated the thesis for the award of Ph.D. Degree.
- 22.7** A candidate who is successful at the public viva-voce examination shall be declared to have qualified for the award of Ph.D. degree.
- 22.8** A copy of the thesis of the candidate appearing for the public viva-voce examination shall be kept in the department library for the perusal of those interested in the thesis before the conduct of the public viva-voce examination, along with appropriate public notice issued by the supervisor for the purpose.
- 22.9** If for any valid reason, the supervisor is unable to conduct the public viva-voce examination, the Vice-Chancellor may appoint a suitable examiner, in the place of the Research Supervisor.
- 22.10** A candidate, who submits a satisfactory thesis but is not successful at the public viva-voce examination, may be permitted to take the same on a second occasion, before the same board after three months. If the candidate is not successful even on the second occasion at the public viva-voce examination, the process shall be considered rejected and the degree will not be awarded to the candidate. No candidate shall

be permitted to appear for the public viva-voce examination on more than two occasions.

23 PROVISIONAL CERTIFICATE AND THE DEGREE

The candidate will be issued the award letter and the provisional certificate after successful completion of the Ph.D. viva-voce examination and on approval of the same by the Vice-Chancellor and subsequently to be ratified by the Syndicate. For official purpose, the date of viva-voce shall be treated as the date of award of the Ph.D. degree. The degree will be formally awarded in the ensuing convocation of this University mentioning the mode of study as full-time or part time.

24 FORMAT OF DEGREE

The Ph.D. degree will be awarded only in the discipline of the subject in which the candidate has registered as notified in Appendix M or N. In the case of the award of the Ph.D. degree for interdisciplinary 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 doctoral research mentioning them as "Interdisciplinary" and as notified in Appendix O.

25 PUBLICATION OF THESIS

Ph.D. thesis, whether approved or not, shall not be published without the permission of the Syndicate and the Syndicate may grant permission for the publication along with conditions as it may impose.

Provided that a candidate may, during the course of his/her research, publish papers in standard 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 above. Request for such permission should be made within two years from the date of award of Ph.D. degree by the University along with fee payment of Rs. 5000/- (processing fee Rs. 1000/- and refundable caution deposit Rs. 4000/-). The caution deposit shall be returned after receiving one

copy of the book). One copy of the published thesis as a Book should be submitted to the Research Section.

26. SOFT COPY OF THE THESIS TO UGC

Following the successful completion of the evaluation process and announcements of the award of Ph.D. degree, the University shall submit a soft copy of the Ph.D. thesis to the UGC within thirty days, for hosting the same in INFLIBNET, accessible to all Institutions/Universities.

27. INTERDISCIPLINARY RESEARCH

For Interdisciplinary research, the proposal under interdisciplinary research should be submitted in the prescribed format (Appendix A) duly approved by the Departmental Committee consisting of the members of the concerned departments along with the minutes forwarded by the Supervisor and the Head of the Department concerned to the University. For interdisciplinary research, a candidate may have a Co-supervisor.

28. GRIEVANCE REDRESSAL COMMITTEE

All grievances related to Ph.D. programme shall be referred to a committee consisting of Research Coordinator/Director of Research & Development as Chairman while Dean Research and Chairman of Board of Studies (PG) will act as members. A meeting of this committee will take place once in 3 months or as and when required to look into grievances that could not be dealt with routine administrative procedures.

FORMAT FOR INTERDISCIPLINARY RESEARCH PROPOSAL

(This format should be forwarded along with the Minutes of the
Departmental Committee)

PARTICULARS OF THE CANDIDATE

1. Name :
2. Age and date of birth :
3. Academic Qualification :
4. Occupation/ Designation :
5. Details of Organization if employed :

a) Name of organization with address	b) Nature of Work	c) Duration of employment
-------------------------------------------------	--------------------------	--------------------------------------

6. The subject in which the candidate has qualified for Master's Degree :
7. The proposed other discipline in which the candidate intends to work for Ph.D. :
8. The proposed department where the candidate intends to work for Ph.D. with address :
9. The brief write-up of the proposed research (not more than 400 words (attach separate sheet)) :
10. Whether the proposed Ph.D. work is partly, directly or indirectly related to the branch of knowledge in which the candidate has qualified for his/her Master's degree :
11. Briefly describe in (not more than 50 words) the input from the two disciplines to the proposed area of research for Ph.D. (attach separate sheet) :
12. Do you have any publications bearing interdisciplinary research on your

chosen theme for Ph.D. research?
If yes, furnish the details.

:

13. Comments of the Supervisor under
whom you propose to do
interdisciplinary research

:

SIGNATURE OF THE SUPERVISOR
(Name and seal)

SIGNATURE OF THE APPLICANT

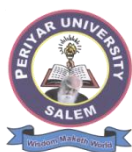
SIGNATURE OF THE CO-SUPERVISOR
(Name and seal)

**SIGNATURE OF THE HEAD OF THE
DEPARTMENT/PRINCIPAL
OF THE COLLEGE**
(Name and seal)

Place:

Date:

Minutes of Doctoral Committee



PERIYAR UNIVERSITY

SALEM – 636 011

PH.D. DOCTORAL COMMITTEE REPORT – I

[To confirm the Provisional Registration]

Date	Time	Venue

Name of the Research Scholar	
Mode of study (Full-time / Part-time)	
Date of Joining	
Official Memorandum No. and Date (Ph.D. Registration Communication from University)	
Official Memorandum No. and Date (Doctoral Committee approval from University)	

Name of the Research Centre	
Department	
Broad field of research	

Details of Coursework Examination

MONTH & YEAR OF PASSING	AGGREGATE MARK	ELIGIBLE / NOT ELIGIBLE (Candidate secured aggregate Mark 55 (or) above are eligible)

REPORT*

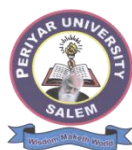
Signature of the Doctoral Committee Members with date and seal

Supervisor (Convener)	HOD (Member)	Subject Expert (Member)

***The committee should highlight the following points in the report:-**

- 1) Performance in the coursework examination
- 2) Depth of knowledge in the relevant subject
- 3) Literature survey
- 4) Presentation by the candidate
- 5) Any other merit achieved by the candidate during this period.

The first Doctoral Committee meeting minutes should be submitted via Research Section Management portal.



PERIYAR UNIVERSITY
SALEM – 636 011
PH.D. DOCTORAL COMMITTEE REPORT – II
[FINAL REPORT]

Name of the Candidate	Date from which registered
Official Memorandum No. and Date (Ph.D. Registration Communication from University)	Official Memorandum No. and Date (Doctoral Committee approval from University)

University/College/Institution name	Department	Broad field of research
REPORT*		
Signature of the Doctoral Committee Members with date and seal		
Supervisor(Convener)	HOD(Member)	Subject Expert (Member)
Date:	Time:	Venue:

***The committee should highlight the following points in the report:-**

- 1) Quantum of work for thesis 2) Publication in refereed journal and for Science subjects in SCI/SCI-E journals and for Arts subjects SSCI journals 3) Presentation by the candidate 4) Pre Ph.D viva report.

The second Doctoral Committee meeting minutes should be submitted via Research Section Management portal.

A typical Specimen of Cover Page and Title Page (University Departments)

VIBRATION AND THERMAL ANALYSIS OF 6/4 POLE

SWITCHED RELUCTANCE MOTOR

<Capital letter> <1.5 line spacing>

**Synopsis submitted to the Periyar University in partial
fulfillment of the requirements for award of the degree of**

Doctor of Philosophy in

<1.5 line spacing>

By

SAROJA MUTHUSAMY N T

<Name Capital letter> <1.5 line spacing>

Under the guidance of

.....

(Name of the Supervisor)

<Name Capital letter> <1.5 line spacing>



Department of

Periyar University

Salem 636 011

 <1.5 line spacing>

Month and Year

A typical Specimen of Cover Page and Title Page (Affiliated Colleges)

VIBRATION AND THERMAL ANALYSIS OF 6/4 POLE

SWITCHED RELUCTANCE MOTOR

<Capital letter> <1.5 line spacing>

**Synopsis submitted to the Periyar University in partial
fulfillment of the requirements for award of the degree of**

Doctor of Philosophy in

<1.5 line spacing>

By

SAROJA MUTHUSAMY N T

<Name Capital letter> <1.5 line spacing>

Under the guidance of

.....

(Name of the Supervisor)

<Name Capital letter> <1.5 line spacing>

(Affiliated Colloege Logo)

Department of

[College name]

(Affiliated to Periyar University, Salem)

[Place name and pincode]

 <1.5 line spacing>

Month and Year

VIBRATION AND THERMAL ANALYSIS OF 6/4 POLE

SWITCHED RELUCTANCE MOTOR

**Synopsis submitted to the Periyar University in partial
fulfillment of the requirements for award of the degree of
Doctor of Philosophy in Chemistry**

**By
N T MUTHUSAMY**

**Under the guidance of
Dr M SAMY**



**Department of Chemistry
Periyar University
Salem 636 011**

July 2022

A typical Specimen of Cover Page and Title Page (University Department)

VIBRATION AND THERMAL ANALYSIS OF 6/4 POLE

SWITCHED RELUCTANCE MOTOR

<Capital letter> <1.5 line spacing>

**Thesis submitted to the Periyar University in partial
fulfillment of the requirements for award of the degree of**

Doctor of Philosophy in

<1.5 line spacing>

By

SAROJA MUTHUSAMY N T

<Name Capital letter>

Under the guidance of

.....

(Name of the Supervisor)

<1.5 line spacing> <Name Capital letter>



Department of

Periyar University

Salem 636 011

<1.5 line spacing>

Month and Year

A typical Specimen of Cover Page and Title Page (Affiliated Colleges)

VIBRATION AND THERMAL ANALYSIS OF 6/4 POLE

SWITCHED RELUCTANCE MOTOR

<Capital letter> <1.5 line spacing>

**Thesis submitted to the Periyar University in partial
fulfillment of the requirements for award of the degree of**

Doctor of Philosophy in

<1.5 line spacing>

By

SAROJA MUTHUSAMY N T

<Name Capital letter> <1.5 line spacing>

Under the guidance of

.....

(Name of the Supervisor)

<Name Capital letter> <1.5 line spacing>

(Affiliated College Logo)

Department of

[College name]

(Affiliated to Periyar University, Salem)

[Place name and pincode]

 <1.5 line spacing>

Month and Year

VIBRATION AND THERMAL ANALYSIS OF 6/4 POLE

SWITCHED RELUCTANCE MOTOR

**Thesis submitted to the Periyar University in partial
fulfillment of the requirements for award of the degree of
Doctor of Philosophy in Chemistry**

**By
N T MUTHUSAMY**

**Under the guidance of
Dr M SAMY**



**Department of Chemistry
Periyar University
Salem 636 011**

July 2022

Format of the Thesis

1. Title Page
2. Certificate by the Supervisor
3. Declaration by the Candidate
4. Plagiarism certificate
5. Certificate from Tamil Virtual Academy
6. Acknowledgment
7. Preface (if any)
8. List of Notations (if any)
9. Contents
10. Chapter 1 (Introduction)
 Chapter 2 (Review of Literature)
 Chapter 3 (Materials and methods)
 Chapter 4 (Results and discussion)
 Chapter 5 (Conclusion/Summary)
11. Bibliography
12. List of Publications

CERTIFICATE

This is to certify that the thesis entitled (title) submitted to the Periyar University in partial fulfillment for the award of degree of Doctor of Philosophy in (subject) is a bonafide original research work carried out by (candidate name) under my guidance and supervision and it has not formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or any other similar titles in this or any other University or Institution of higher learning.

Place:
Date:

Signature of the Supervisor

DECLARATION

I hereby declare that the thesis entitled
(title) submitted to the Periyar University in partial fulfillment of the requirements for the award of the degree of Doctor of Philosophy in (subject) is a record of original research work carried out by me under the guidance and supervision of (Supervisor name) and that it has not been formed before as the basis for the award of any Degree, Diploma, Associateship, Fellowship or any other similar titles in this or any other University or Institution of higher learning.

Place:
Date

Signature of Candidate



APPENDIX – K

PERIYAR UNIVERSITY

Salem 636011, Tamil Nadu, India

NAAC A++ Grade - State University - NIRF Rank 73 – ARIIA Rank 10

CERTIFICATE OF PLAGIARISM		
1.	Name of the Research Scholar	
2.	Course of Study	Ph.D.
3.	Subject	
4.	Name of the Supervisor	
5.	Department/Institution/Research Centre	
6.	Title of the Thesis/Dissertation	
7.	Acceptable limit	20 %
8.	Percentage of similarity identified in the contents of the thesis	
9.	Software used	OURIGINAL
10.	Date of verification	

Report of the plagiarism check, items with percentage of similarity is attached

Signature of the Scholar

Signature of the Supervisor

University Librarian

PROFORMA FOR ADJUDICATION OF Ph.D. THESIS

1. Name of the Candidate :
2. Title of the thesis :
3. Discipline and Subject :
4. Name and Address of Examiner :
5. Recommendations of the Examiner :
(Please strike out whichever
is not applicable)
 - (a) Thesis is highly commended and a degree may be awarded.
or
 - (b) Thesis is commended and a degree may be awarded.
or
 - (c) Thesis is commended and a degree may be awarded
subject to the candidate furnishing satisfactory clarification to
my queries during the public Viva Voce.
or
 - (d) Thesis is commended and degree may be awarded subject to
the condition that the corrections/modification, suggested by
me are carried out in the thesis and duly certified by the
Supervisor-Convener before the Viva-voce examination.
or
 - (e) Thesis is not commended and is recommended for
resubmission to me after incorporating modifications
suggested by me.
or
 - (f) Thesis is not commended and the degree may not be awarded.

NOTE: Please enclose your detailed report on the thesis and also enclose a list of questions (if any) to be posed in the public Viva-voce examination.

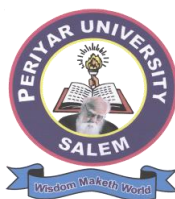
6. Whether recommended for publication: Yes/No
7. Suggestions if any, for incorporation
at the time of publication :

Place:

Date: Signature of the Examiner
(Name and Seal)

Format of Degree Certificates issued by this University

PERIYAR UNIVERSITY



FACULTY OF ARTS

The Syndicate of the Periyar University hereby makes known that (Name of the candidate) has been admitted to the degree of Doctor of Philosophy in..... He/she having been certified by duly appointed examiners to be qualified to receive the same in the year for the thesis entitled (Thesis Title)

**“Dreams and Realities in the Novels of Kamala Markandaya”
(English)**

Given under the seal of Periyar University this day of

This certificate is issued in accordance with the provision of the 2016 Regulations of UGC.



CONTROLLER OF EXAMINATIONS

REGISTRAR

VICE-CHANCELLOR

Place:

Date:

PERIYAR UNIVERSITY



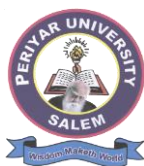
FACULTY OF SCIENCE

The Syndicate of the Periyar University hereby makes known that (Name of the candidate) has been admitted to the degree of Doctor of Philosophy in He/she having been certified by duly appointed examiners to be qualified to receive the same in the year for the thesis entitled (Thesis Title)

“The Modulating Effect of Tocophorol on Doxorubicin induced Changes in Rats” (Biochemistry)

Given under the seal of Periyar University this day of

This certificate is issued in accordance with the provision of the 2016 Regulations of UGC.



CONTROLLER OF EXAMINATIONS

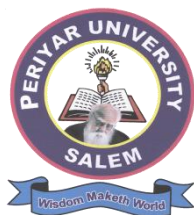
REGISTRAR

VICE-CHANCELLOR

Place:

Date:

PERIYAR UNIVERSITY



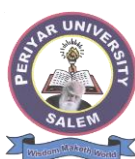
INTERDISCIPLINARY DEGREE CERTIFICATE

The Syndicate of the Periyar University hereby makes known that (Name of the candidate) has been admitted to the degree of Doctor of Philosophy in He/she having been certified by duly appointed examiners to be qualified to receive the same in the year for the thesis entitled (Thesis Title)

“Biophysical Characterization of Biological Tissues” (Theoretical Physics - Zoology Interdisciplinary)

Given under the seal of Periyar University this day of

This certificate is issued in accordance with the provision of the 2016 Regulations of UGC.



CONTROLLER OF EXAMINATIONS

REGISTRAR

VICE-CHANCELLOR

Place:

Date: