PERIYAR MANIAMMAI INSTITUTE OF SCIENCE AND TECHNOLOGY (PMIST)

PERIYAR MANIAMMAI UNIVERSITY
(Under Sec. 3 of UGC Act, 1956)
NAAC ACCREDITED

M.Phil./Ph.D. Regulations 2014

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THINK - INNOVATE - TRANSFORM

PERIYAR MANIAMMAI INSTITUTE OF SCIENCE AND TECHNOLOGY (PMIST)

M.Phil./ Ph.D. Regulations 2014

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Regulations for M.Phil. programme

Ph.D. Regulations 2014

SECTION 1: INTRODUCTION

1.1 The Regulations govern the conditions for imparting courses of instructions, conduct of the examinations and evaluation of students' performance leading to M.Phil. / Ph.D. degrees. These Regulations are effective for the batches of students admitted from the academic year 2014-2015 and onwards.

1.2 PMU follows UGC Regulations 2009 for Admission to M.Phil. / Ph.D. programmes**.**

1.3.1 The following departments of the University offer Research Programmes leading to Ph.D. degree.

1. Department of Architecture

2. Department of Aerospace Engineering

3. Department of Biotechnology

4. Department of Chemical Engineering

5. Department of Civil Engineering

6. Department of Electrical and Electronics Engineering

7. Department of Electronics and Communication Engineering including Division of Nanotechnology

8. Department of Mechanical Engineering

9. Department of Computer Science and Engineering

10. Department of Computer Science and Application

11. Department of Information Technology

12. Department of Software Engineering

13. Department of Chemistry

14. Department of English

15. Department of Management Studies

16. Department of Mathematics

17. Department of Library and Information Science

18. Department of Physics

19. Department of Physical Education

20. Department of Education

21. Centre for Periyar Thought

22. Centre for Rural Development

23. Kalaignar M. Karunanithi Centre for Political Science

24. Veeramani Mohana Centre for Quality of Life Engineering Research
25. Centre for Climate Change

26. Periyar R&D Centre for Solar and Bioenergies

1.3.2. The following departments and Centres of the University offer Research Programmes leading to M.Phil. Degree.

1. Department of Biotechnology
2. Department of Computer Science and Application
3. Department of Chemistry
4. Department of English
5. Department of Mathematics
6. Department of Physics
7. Department of Education
8. Centre for Periyar Thought
9. Centre for Rural Development
10. Kalaignar M. Karunanithi Centre for Political Science
11. Veeramani Mohana Centre for Quality of Life Engineering Research
12. Centre for Climate Change
13. Periyar R&D Centre for Solar and Bioenergies

1.4   The provisions of these Regulations shall be applicable to any new discipline that is introduced from time to time and added to the above list.

1.5   Notwithstanding any of the clause(s) provided in the Regulations, the Academic Council shall exercise its powers to change / amend / interpret / implement decisions and actions concerned with academic matters.

1.6   The Board of Management of the University may, on the recommendation of the Research Board and or Academic Council, change any or all parts of these Regulations at any time.

Regulations for Ph.D. Programme

SECTION 2: CATEGORY OF REGISTRATION

2.1   There shall be provision for 2 categories of registration for the candidates seeking to register for Ph.D.

1.   **Full-time (FT):** Students who are willing to pursue Research on full-time basis.

2.   (a) Part-time Ph.D. programme is offered for working professionals from Govt. R&D Organizations / Public sector/ Industries/National Research Laboratories and for faculty members from Govt. / Govt. aided / Private Engineering/ Science and Arts Colleges/ Universities. Part-time: Candidates working in reputed industry/organization having R & D facilities, Govt. R&D Departments / National Research Laboratories / Units of Government / Quasi Government/ Public sector are also considered under this category. The candidates must be officially sponsored by their employer organization. A candidate working in an establishment which is equipped with the necessary research and library facilities only shall be considered for admission under this category. A committee appointed by the Vice Chancellor (consisting of Dean –Academic or his nominee, Dean-Research or his nominee and Head of the Department) in addition to members of

Departmental Administrative Council shall assess the adequacy of these facilities before recognizing the organization for the above purpose.

At the time of application the employer must give in writing an undertaking to pay full salary to the candidate and relieve him/her to complete his/her residential course requirement. A candidate applying for admission to the external registration programme must provide detailed information about the research facilities available at his/her organization and a certificate from the employer that these would be available to him/her for carrying out research. He/she should also provide the bio-data of the prospective supervisor (External Supervisor) or Research Supervisor who would supervise/ co-ordinate the candidate's work at his/her organization.

(b) Part-time (on Campus): Regular/ Full-time teachers/employees working in Govt./Govt. aided/ Private Engineering/Technology Colleges or Science and Arts Colleges/ Universities/ Industries/ Public Sector Organizations are considered under this category. At the time of application, the candidate must submit a "no objection" certificate and also a 'Certificate of Assurance' from the Parent College/ Organization to depute him/her to complete his/her residential course requirement. The candidate should have at least three years experience in a regular/permanent position at the time of application. The college/ organization must have at least 5 years of its existence for patronizing candidates to part-time Ph.D. programme. The Departments concerned would decide the candidature of the selected candidates, after thorough discussion and analysis in DAC.

SECTION 3: EDUCATIONAL QUALIFICATIONS

3.1. School of Architecture and Planning (SAP) and School of Engineering and Technology (SET)

- Bachelor's and Master's Degree in Architecture/Engineering / Technology in the appropriate branch of study with a minimum 55% aggregate marks (CGPA 6.0/10) in UG or PG for admission under OC / OBC category and

50% aggregate marks or equivalent CGPA of 5.5 is the eligibility requirement for SC/ST candidates.

3.2. School of Computing Sciences and Engineering

- Master's degree in Computer Applications or M.Sc. (Computer Science/ OR&CA) with a minimum 55% aggregate marks (CGPA 6.5/10) in UG or PG for admission under OC / OBC category and 55% aggregate marks or equivalent CGPA of 5.5 is the eligibility requirement for SC/ST candidates.

- Master's degree (M.E. /M.Tech.) in Computer Science and Engineering or equivalent with a minimum 55% aggregate marks (CGPA 5.5/10) in UG or PG for admission under OC / OBC category and 50% aggregate marks or equivalent CGPA of 5.5 is the eligibility requirement for SC/ST candidates.

3.3. School of Humanities Sciences & Management (English/ Maths / Physics/ Chemistry/Education)

- Master's degree in Sciences / Humanities / Social Sciences/Economics in the relevant discipline with a minimum 55% aggregate marks (CGPA 6.0/ 10) under OC / OBC category and 50% aggregate marks or equivalent CGPA of 5.5 is the eligibility requirement for SC/ST candidates.

Management Studies:

- Master's degree in Business Administration with minimum 55% aggregate marks (CGPA 6.0/10) in UG or PG for admission under OC / OBC category and 50% aggregate marks or equivalent CGPA of 5.5 is the eligibility requirement for SC/ST candidates.

- Master's degree in Industrial Engineering / Industrial Management with minimum 55% aggregate marks (CGPA 6.0/10) in UG or PG for admission under OC / OBC category and 50% aggregate marks or equivalent CGPA of is the eligibility requirement for SC/ST candidates.

3.4 . For Centre's

- Candidates with PG degree in related/associated discipline with a minimum of 55% aggregate marks (CGPA 6.0/10) in UG or PG for admission under OC / OBC category and 50% aggregate marks or equivalent CGPA of 5.5 is the eligibility requirement for SC/ST candidates.

3.5   Candidates coming under regular stream are eligible and the Open University candidates who have directly appeared for their degree programmes are not eligible.

SECTION 4: SELECTION PROCEDURE

4.1.   Candidates recommended by the Departmental Selection Committee will be called by HODs to appear for an entrance test. Both full time and part time candidates will have a common written test.

4.2.   The candidates short listed based on the written test performance need to appear for a personal interview before the Departmental Research Committee comprising HOD, all eligible Supervisors and the External Expert (if required) nominated by Dean Research in consultation with the concerned department. The background experience, the interview outcome and other components (such as academic qualifications, research publications / patents, work experience, etc) and the written test results are considered for Part-time candidates.

4.3.   Short listed Candidates are subject to the final approval of University Selection Committee

4.4.   Policy on Overseas / NRI Students

- The equivalence certificate for the qualifying examinations from the Competent Authority should be produced by the candidate.

- Candidates should have studied in English Medium.

- Should satisfy the other legal conditions stipulated by the UGC / MoH / MHRD, Government of India.

SECTION 5: ADMISSION

5.1. Candidates whose selection is screened by a Ph.D. selection committee and then approved by the Vice Chancellor will be admitted to the Ph.D. Programme after paying the prescribed fees.

The candidate should also pay fees every semester as prescribed by the Institute within 15 days from the start of the semester. They will be allowed to pay the fees with late fee as prescribed by the Institute till the end of the semester, failing which, the registration will be cancelled.

5.2. Ordinarily, a candidate is not eligible for re-registration for Ph.D. programme after cancellation of the candidate's earlier registration for any reason. However, based on the merits of the individual case, and taking into consideration of any special circumstances, a candidate may be considered for re-registration.

5.3. The university may offer Teaching Assistantship/ Half Time Teaching Assistantship (HTTA), to the selected, meritorious, willing research scholars, with a teaching workload not exceeding 50% of that normally prescribed for Asst. Prof. of this university. In turn, they will be compensated with suitable emoluments. However, to avail the teaching assistantship, the research scholar has to undergo the selection procedure that shall be framed by the university from time to time.

SECTION 6: DURATION OF THE PROGRAMME

6.1. The minimum duration for the submission of the thesis for Research programme leading to Ph.D. in Engineering departments will be 2 years

from the date of registration for full-time and 3 years for part-time candidates. For Ph.D. in Science, Humanities and Management departments, the minimum period will be 3 years for candidates with M.Sc. degrees and 2 years for candidates with M.Phil degrees for full-time and 4 years and 3 years respectively for part-time candidates.

6.2. The maximum period to complete the programme is 6 years for full-time candidates and 7 years for part-time candidates. However, in special cases, the permission of Academic Council may be obtained for extension by one more year in both cases.

SECTION 7: CHOICE OF SUPERVISOR

7.1 Allotment of research scholars to Supervisors will be made by the Head of the Department taking into consideration the areas of research of the department and the preferences of the research scholars and Supervisors. Admitted candidates shall submit the request form in prescribed format to the HOD to enable the allotment.

7.2 The candidates admitted under Part-time category will normally carry out part or all of his / her research work in their respective Industry / Organization / National Laboratories / College / Institution employing the scholar. For these scholars, there will be one Co- Supervisor from PMU and one external Supervisor / Research Supervisor from outside PMU who obtained research supervisor recognition from PMU.

7.3 There shall not be more than two supervisors (One Supervisor and the other one as Co-Supervisor) for a research scholar.

7.4 The allocation of the supervisor for a selected candidate shall be decided by the concerned Department depending on the number of students per faculty member, the available specialization among the faculty supervisors, and the research interest of the student as indicated during interview by the student. (Please refer UGC regulations).

SECTION 8: SUPERVISORSHIP

8.1.   All faculty members of the university holding doctoral degree and having a minimum of 2 papers published in refereed journals are eligible to supervise Ph.D. scholars. However, they have to express their willingness to supervise research students by submitting a document in the format prescribed by the university. In addition, Research Supervisors from other Universities/ Research Institutes/ Industries also are eligible to supervise the students provided they register for Supervisorship in PMU. A scrutinizing committee consisting of Dean Research and two specialists of the concerned department/subject would periodically examine the applications and recommend for Supervisorship status.

8.2.   No Supervisor shall have more than eight Ph.D. scholars and five M.Phil. Scholars under him at any time (The number includes all the candidates registered under him in other universities also). The number of Co-Supervisorship is excluded for the maximum limit. The Supervisor can take additional candidates subsequent to the submission of Synopsis by the existing scholars.

8.3.   As the tenure of the Emeritus Fellow/Professor Emeritus will be for a period of one or two years only, they will be allowed to continue their guidance of Ph.D. scholars as per the existing rules applicable to University faculty members with less than 2 years service left for superannuation.

8.4.   Researcher from Public or Private Industry /Institution / Laboratory who is recognized by PMU as a research supervisor is eligible to supervise Ph.D. scholars with at least 3 years service still left at the time of registration of the scholar.

8.5.   Continuance of Supervisorship of retired faculty members

1.   (i) When a faculty member, who is supervising a candidate for 3 years, retires, he will be permitted to continue as Supervisor on his written request

and will be invited for the DC meetings without any commitment to the university. But TA (limited to II class AC train fare within India) and DA will be paid to attend the synopsis meeting and the oral examination. (ii) However, there will be a Co-Supervisor for taking care of administrative and to some extent, research responsibilities of the scholar.

2.   (i) If a faculty member is to retire within 2 years, and if he is allowed to supervise any scholar on his written request, another faculty member, who is not likely to retire within 2 years, will be nominated as Co-Supervisor of the scholar at the time of registration itself. The retired faculty member will be informed of the DC meetings, and will be invited to attend the meetings without any financial commitment to the university. (ii) However, the retired faculty members who continue as Supervisors will be paid TA (limited to II class AC train fare within India)/DA to attend the synopsis meeting and oral examination.

(ii)   The CSIR and other Emeritus Fellows/ Scientists holding office at this Institute for a period of 3 years and more can take fresh students during their period of appointment as Emeritus Scientists only with financial support for the candidates from other sources along with another Supervisor who has at least 3 years service still left at the Institute.

(iii)   Any Supervisor-in-charge, who has acted for more than one   year during the absence of the Supervisor allotted to the candidate, will be a special invitee / co-opted member of the Doctoral Committee when the original Supervisor takes over. The rest will be left to the discretion of the Original Supervisor.

(iv)   External Supervisors will be invited to attend Doctoral   Committee meetings, Synopsis meeting, and Viva-voce   examination. TA/DA will be provided as per institute norms.

SECTION 9: CHANGE OF RESEARCH SUPERVISOR / ADDITION OF CO- RESEARCH SUPERVISOR (S)

9.1   The Research scholar may request the Registrar, for a change of Supervisor or the Co-Supervisor/student may request for addition of one Co-Supervisor for valid reasons. The Convener or his / her nominee shall convene the DC and based on its recommendations, the request shall be considered by the head of the department, Dean Research and Vice Chancellor.

SECTION 10: DOCTORAL COMMITTEE

10.1   The HOD will intimate to the Dean (Research) the area of research, name(s) of the Supervisor(s) and a panel of names suggested by the Supervisor for the DC for each research scholar, within one month of the date of joining of the research scholar. The research scholar should submit a request form in a prescribed format to the HOD to enable the constitution of the Doctoral Committee.

10.2   The following is the composition of the Doctoral Committee:

1.	Research Supervisor	Convener
2.	Co-Supervisor (if any)	Co-Convener
3.	One / two faculty member from same or and Allied department nominated by the VC or his nominee from the panel of names suggested by Supervisor.	Member
4.	One / two external member from Industry / Research establishment / academia to be nominated by the VC or his nominee from the panel of names suggested by Supervisor	Member

10.3   In case the Convener, DC or any member goes on long leave, resigns or retires from the Institute, Dean (Research) will nominate another member on the recommendation of the Supervisor and the nominated person may

be allowed to continue as the Chairman, DC member with the approval of the Vice Chancellor.

SECTION 11: REGISTRATION

11.1.   The DC will meet normally within three months of its being constituted, fix the date of first DC meeting as the date of registration for the Ph.D. programme, consider the proposed research topic and prescribe the courses of study (minimum four courses) with the total credits ranging from 10 to 14. The credits in individual subject should not be less than three with minimum attendance requirement stipulated by the University. The attendance and assessment record should be maintained by the concerned course teacher. For the first meeting, it is desirable that the external member be present. The research scholar shall submit a request form in the prescribed format to enable the convening of first DC meeting.

11.2.   The minutes of the first DC meeting will be sent through the Dean Research for the approval of the competent authority. Research Scholar shall submit a registration form for the course work in the prescribed format through Department research coordinator, HOD and Dean Research to the Controller of Examinations, PMU.

SECTION 12: COURSE WORK

12.1   It is mandatory that the research scholars should successfully complete the courses prescribed by the DC within three semesters from the date of registration for the programme. M.Phil. degree holders pursuing Ph.D. in Science / Humanities/ Library and Information Science departments are exempted from doing the Research Methodology course work, however that may be decided by the Doctoral Committee.

12.2.   In case courses relevant to the research area are not offered during the semester, equivalent Directed Study subjects may be formulated which is to be approved/ratified by Academic Council after allotment of subject

codes by the Controller of Examinations, PMU. Regularly offered PG electives should not be taken for Directed Study.

12.3. Course work subjects may also be taken from Coursera / NPTEL / Iversity /MIT (open courseware) etc. with the recommendation of DC.

12.4. In the case of PG subjects, the full time Ph.D. scholar will attend classes along with PG students and will be evaluated in the same relative grading scale. In the case of Directed Study subjects, details of contact classes shall be maintained in the attendance book. The evaluation pattern will be similar to that of PG subjects – cycle tests and assignment evaluated in the Department and end semester examination conducted. However, for awarding grades, the absolute grading scale shall be followed.

12.5 The minimum residential course requirement for candidates under Part-time category for undertaking course work is eight weeks. Relevant theory courses at Master's degree level (as recommended by the DC) shall be taken by the scholar. The candidates may complete the course work during their mandatory stay of at least eight weeks. Their stay during the vacations and weekends will be counted for this purpose. The research scholars are permitted to undertake the course work under 'directed study' mode. The course work shall be completed within three semester from the date of registration for the programme. Subsequent to the completion of course work, they can continue their research work in their respective Industry/ Institution. However, the scholar shall spend at least one week per semester on campus until the submission of synopsis.

12.6 PG. level courses may also be prescribed to Ph.D. scholars irrespective of the departments they belong to and credit may be given as per usual evaluation procedure. But such courses should not have been taken by the candidate in their Post Graduate programme.

12.7 Courses may also be prescribed from those offered by Departments other than that in which the research scholar is registered. No change in courses

prescribed shall be made without the approval of the DC. It shall, however, be open to the DC to prescribe additional courses whenever found necessary.

Courses completed after the date of registration will only be counted towards the requirements of award of Ph.D. degree. Scholars admitted to the programme shall obtain at least an overall average C grade in their course work with a minimum of D grade in any individual course for successful completion of the courses prescribed.

12.8. If the DC desires that the scholar should take more than 4 courses, then the credits of the extra courses need not be taken for calculating the average grade.

12.9 Candidates who fail to satisfy the grade requirement may attempt other prescribed courses or rewrite (once) the examination in the subject(s) where they had scored less than D. If they still fail, their registration will be cancelled.

SECTION 13: PROGRESS REPORT

13.1 Full time research scholars shall sign the attendance register on all working days. They are eligible for a total of 15 days leave every semester and subject to a total maximum of 30 days in a year, which they can avail after obtaining the HOD's permission.

13.2 A research scholar shall submit a written report of work done by him/her in the prescribed proforma to the Supervisor who shall forward it to the DC within two weeks before the end of each 12 months period from the date of registration up to first 2 years and before the end of each 6 months period beyond 2 years. The progress report is to be submitted to the supervisor every three months, for which a detailed log book has to be maintained chronologically by the scholar.

13.3 A research scholar shall appear before the DC every year.

13.4 Half Yearly Research Scholars meeting will be convened by the Dean Research with the support of the Concerned Department/Centre in August and in February to assess the progress in his/her research work and recommend renewal of scholarship/ Part time Teaching / Research Assistantship / registration wherever applicable. If the progress of the research scholar continues to be unsatisfactory, the DC can recommend the cancellation of registration**.**

SECTION 14: COMPREHENSIVE EXAMINATION FOR CONFIRMATION

14.1 On the successful completion of the prescribed course work, about one year from the date of registration, the candidate shall undergo a qualifying Comprehensive Examination written and oral in his/her background knowledge in the broad area of specialization. The research scholar shall submit the prescribed form to enable the comprehensive examination.

14.2 The Comprehensive Examination will cover the topics in the discipline and all the allied areas. The Comprehensive Board shall be common for all candidates of a given department. The composition of the Comprehensive Viva Voce Board shall be as follows:

1. All internal members of the Doctoral Committee in the given department

2. One External member – Professor / Associate Professor from IIT / IISc / IIM /NIT/ Anna university or Scientists / Scientific officers holding Ph.D. degree and drawing the scale of Professor and above, working in National and Regional Research Laboratories, Defense Research Organizations, Atomic and Space Research Organizations etc.

3. Two senior members of the faculty from same or allied department/s

14.3 The External Member for Comprehensive Viva Voce Board shall be nominated by the Vice Chancellor, Dean (Research) from a panel suggested by the Head of the Department in consultation with the Supervisor.

14.4 The Comprehensive Examination shall have a written examination (of at least one hour duration) followed by an oral examination. The HOD of department is expected to give an indicative syllabus for the written test about one month prior to the Comprehensive Examination.

14.5 Based on the result of the Comprehensive Examination, the Comprehensive Viva Voce Board shall report to the Dean (Research) about the fitness of the candidate to proceed further with her/his Ph.D. work, within two weeks of the date of the examination held.

14.6. If, based on the results of the Comprehensive Examination, a candidate is not approved by the Comprehensive Viva Voce Board, and then a grace period of upto a maximum of six months shall be given for reexamination. If found fit, the candidate shall be permitted to proceed with doctoral work. Otherwise, the candidate's provisional registration will be cancelled.

SECTION 15: TEMPORARY BREAK / CONVERSION FROM FULL TIME TO PART TIME/ DISCONTINUATION OF THE PROGRAMME

15.1 Ph.D. scholars completing their course work can be permitted to take a temporary break from the programme for upto one year for valid reasons, with the recommendation of the DC and the approval of the Dean (Research).

15.2 In case, the Ph. D. scholar wants to change from full time registration to part time category, the scholar shall be accorded permission by the Supervisor to do so and this conversion has to be ratified by the DC and the Dean (Research).

15.3 In case, the scholar discontinued from his/her Ph.D programme by willingness or not responded beyond one year from the date of joining, his / her registration may be cancelled and the scholar should pay the fees to the university upto his/her last attendance given in the university. The last date

means that the scholar attended DC meeting / half yearly research scholar meeting/ course work classes/ meeting with supervisor or co-supervisor in the university whichever is last attended.

SECTION 16: SYNOPSIS OF THE THESIS

16.1 On satisfactory completion of the prescribed courses, the Comprehensive Examination, and the required publications in his / her research area, the research scholar shall submit four copies of the synopsis of his/her research work to the DC. Synopsis presentation and subsequent DC meeting to approve the panel of the examiners will be held in the presence of the Dean (Research). Two distinct Publications from research outcome concerning the topic of the research scholar should be in SCOPUS cited preferably with impact factor.

16.2 Two seminar presentations, one seminar at the end of the second year and another one prior to submission of synopsis should be given by the Research Scholar. The Research Scholar shall submit the request forms in the prescribed format to enable for arranging each of the two seminar meetings.

16.3 The Research Scholar should present the synopsis before the DC. The DC will, if it approves the work reported in the synopsis, permit the research scholar to submit the thesis and recommend a panel of at least ten thesis examiners (Five from India and Five from Abroad).

SECTION 17: SUBMISSION OF THESIS

17.1 The research scholar shall, within six months of acceptance of the synopsis by the DC, submit six copies of the thesis embodying the results of investigation, and also four copies of the abstract of the thesis of about 400 words. Besides, a CD with one copy of the electronic version of the thesis in both MS word and pdf formats also should be submitted in addition to an one page abstract of the thesis in Tamil. On the recommendation of the Supervisor an additional three months may be granted.

17.2 The thesis submitted for the Ph.D. degree shall contain an account of the research work carried out by the scholar leading to the discovery of new facts or techniques or new correlation of facts already known (analytical/ numerical and/or experimental and/or hardware/software oriented in nature), the work being of such quality that it makes a definite contribution to the advancement of scientific and technological knowledge.

SECTION 18: PANEL OF EXAMINERS

a.   The thesis shall be referred to two examiners (one from overseas) chosen by the Vice Chancellor from among the panel of examiners submitted by the Supervisor and recommended by the DC at its synopsis meeting.

b.   Each panel (one for Indian examiner and another for overseas examiner) should have at least five experts in the area of research. The following Supervisor lines should be followed while deciding the panel of examiners.

   i. Indian Examiner: At least one examiner from any I.I.Ts./I.I.Sc./IIMs. Others may be from Institutions like N.I.Ts./Anna University /M.I.T./ other Universities / Scientists from research institutes of national importance. The examiner(s) should have at least 5 years of research/teaching experience after receiving the Ph.D. degree.

   ii. Foreign Examiner: Should be from Research Institutes / Universities/ Industries. The examiner(s) should have at least 5 years of research/teaching experience after receiving the Ph.D. degree.

c.   If any of the examiners (Indian/Overseas) in the panel has been an examiner for any other thesis submitted during the previous year, his name shall be substituted by another one.

d.   Co-authors of the research article for the particular candidate should not be nominated as an examiner.

SECTION 19: THESIS EVALUATION

19.1   The examiner is expected to send the report on the thesis within two months from the date of receipt of the thesis.

19.2   In case of undue delay in receiving the evaluation report, the Vice Chancellor / Controller of Examinations / Dean (Research) shall appoint another examiner from the panel, for evaluating the thesis.

19.3   If reports of two examiners declare the thesis as commended, the DC will consider the reports and recommend for conduct of oral examination, which will be conducted normally not earlier than two weeks from the date of constitution of the Oral Examination Board. The DC will suggest a list of names for nomination of one specialist member to the Viva-Voce Examination Board.

19.4   If an examiner suggests resubmission of the thesis, after revision, the research scholar will be allowed to resubmit the thesis within the time stipulated by the DC, failing which, the revised thesis will not be accepted and his/her registration will be cancelled.

19.5   If both the examiners declare the thesis as not commended then the registration of the scholar shall stand cancelled.

19.6   If one examiner commended and other as not commended, the thesis shall be referred to a third examiner from the panel for his / her evaluation.

19.6.1 If the third examiner commended, the thesis may be considered for awarding Ph.D after the recommendation of oral Viva-Voce examination board.

19.6.2 If the third examiner also reports the thesis as not commended, on the request of the candidate, a period of six month duration may be considered for resubmission of the thesis with incorporation of the

suggestions given by the all examiners. The thesis will be re-evaluated by a new panel given by the Supervisor. If the new panel reports as commended, the thesis will be considered for award of Ph.D. after the recommendation of the Viva-Voce examination board or else the registration of the scholar shall stand cancelled.

19.7. In all the other cases, not covered by the above regulations, the matter will be referred to the DC for consideration.

SECTION 20: PUBLIC VIVA VOCE EXAMINATION

20.1 The following is the composition of the Thesis Viva-Voce Examination Board:

1.   Research Supervisor   - Convener

2.   Co-Supervisor (if any)   - Co convener

3.   The examiner of the thesis from within the country, or a specialist in the subject nominated by the Vice- Chancellor from the panel of examiners approved by the DC.

4.   The DC members of the Research Scholar concerned will be invitees to the Public Viva-Voce examination.

20.2 The thesis Public Viva-Voce Examination Board will examine the scholar on the thesis work and evaluate the candidate's performance as satisfactory or otherwise.

20.3 If the report of the thesis Viva-Voce Examination Board declares the performance of the research scholar as not satisfactory, the research scholar may be asked to reappear for viva voce examination at a later date (not earlier than a month and not later than six months from the date of the first oral examination). On the second occasion also, the Viva- Voce Examination Board will include the members of the DC.

20.4 If the thesis Viva Voce Examination Board on the second occasion also evaluates the performance of the research scholar as not satisfactory, the matter will be referred to the Academic Council for a decision.

20.5. The Viva Voce Examination Board may also recommend revision to be made in the final version of the thesis after taking into consideration suggestions of the examiners who evaluated the thesis and the discussion at the oral examination. The Chairman of the Viva Voce Examination Board shall forward the thesis to the Registrar/Dean (Research) along with the report of the Viva-Voce Examination Board.

20.6 Final version of thesis (soft copy) and scanned copies of declaration and certificate will be uploaded in UGC website (Sudhaganga.inflibnet) for the benefit of research community around the world.

SECTION 21: AWARD OF Ph.D. DEGREE

21.1 If the performance of the research scholar in the Viva-Voce examination is satisfactory, the candidate will be awarded Ph.D. degree on the recommendation of the Academic Council and with the approval of the Board of Management of the university.

21.2 Plagiarism of any sort is strictly prohibited. Even after the award of Ph.D Degree, if it is found that the candidate has indulged in some sort of plagiarism in his thesis, his/her degree would be withdrawn by the university and the candidate will be debarred from any further registration in this university, after the decision being taken by high level research committee.

21.3. If it is found by the University that the Supervisor has also abetted the crime, the Supervisorship of the supervisor would be permanently cancelled and the candidates registered under him/ her will be transferred to other Supervisor/ Supervisors (s), in consultation with the candidates, after the decision being taken by high level research committee.

21.4. The awarded theses are uploaded and are available in www.shodhgangotri.inflibnet.ac.in

SECTION 22: POWER TO MODIFY

Notwithstanding any of the provisions stated above, the Vice Chancellor has powers to modify them individually or in toto. In case of any dispute/ discrepancy, the matter shall be referred to the Vice Chancellor for his / her counsel whose decision will be final.

M.Phil. Regulations 2014

1. STUDENT STATUS

There is only one category of registration into this programme viz. full time

2. EDUCATIONAL QUALIFICATIONS

2.1 For M.Phil. in Science / Humanities / Management Studies / Periyar Thought: Master's degree in the relevant discipline or related disciplines.

2.2 For M.Phil. in Environmental Science under the Dept. of Biotechnology: Master's degree in Science / Management or related disciplines.

3. DURATION OF THE PROGRAMME

The duration of the M.Phil. programme shall be one year consisting of two full semesters each of 90 working days.

4. PROGRAMME OF STUDY

4.1 This programme of study shall consist of two parts. First part shall consist of three written courses. Course - I shall be Research Methodology or an Equivalent and courses II and III shall be Advanced level general courses in the special subject. The second part shall consist of one course (course IV) that can be a background special course in the field of specialization and the Dissertation. Course I shall be common to all students belonging to the same discipline/branch. All the four courses have to be completed in the first semester itself and the second semester is to be utilized completely for doing the dissertation work.

4.2 The syllabi for courses I, II and III shall be prescribed by the concerned P.G. Board of Studies. The syllabus for course - IV shall be prescribed by the Research Supervisor and may differ across candidates.

4.3 Each of the courses shall be of 8 credits and shall have a minimum of 8working hours (4 lecture and 4 seminar hours) per week. The dissertation part shall be of 16 credits with a split up of 12 credits for thesis and 4 credits for viva voce and a candidate has to complete a maximum of 48 credits in all during this programme.

5. A SUPERVISOR FOR DISSERTATION

All the faculties of the university who hold M.Phil. degree with a minimum of two years experience and all the Ph.D. degree holders are eligible to Supervise M.Phil. students' dissertation work.

6. SCHEME OF EXAMINATIONS AND VALUATION

6.1 The examinations for the courses I, II III and IV shall be conducted at the end of the first semester. Each course shall have 75 marks for the written examination and 25 marks for sontinuous Internal Assessment.(CIA)

6.2 A candidate shall be declared to have passed Part - I examination if he/she secures not less than 50% of the marks in the written examination and 50% of the marks in the Continuous Internal Assessment in each of the courses - I, II III & IV. If the examiners for courses I to IV have awarded fail marks, the candidate shall be declared to have failed in written papers.

6.3. Supplementary exams may be conducted for the course work papers.

7. DISSERTATION AND EVALUATION (PART- II Examination)

7.1 The student may submit the dissertation through the Research Supervisor and HOD not earlier than 5 months but within 6 months from the date of start of the second semester.

7.2 If a candidate is unable to complete the dissertation within the stipulated time, the candidate will be given a grace period of one month to submit the dissertation.

7.3 If a candidate is unable to complete the dissertation within the stipulated time plus one-month grace period, the candidate shall be given a maximum of four extensions each of 6 months period along with suitable extension fees.

7.4 If a candidate does not submit the dissertation even after the maximum number of extensions, his registration shall be treated as cancelled and the candidate has to re-register for the programme. However, the candidate need not write once again the theory papers, if the candidate has already passed these courses.

7.5 For valuation of the dissertation, the supervisor shall send three names of external examiners to the Controller's office of PMU and preferably from universities within Tamilnadu. The COE shall choose one examiner out of this three-member panel for valuation.

7.6 Valuation of the dissertation and the viva -voce examination shall be done within the university campus by the external examiner and the supervisor. The external examiner shall be engaged to conduct valuation of the dissertation and viva voce examination on the same day.

7.7. If the examiners who value the dissertation make a qualified recommendation such as revision of dissertation, the candidate shall be advised to revise the dissertation in the light of the suggestions made by the examiners and re-submit the dissertation, within a period of three months. A prescribed sum shall be charged as fee for re- submission of dissertation. The revised dissertation shall be sent to the same examiner who evaluated the dissertation in the first instance.

8.   VIVA-VOCE EXAMINATION

8.1 There shall be a viva-voce examination, which shall be conducted by two examiners – the Research Supervisor and the External Examiner. The average of the marks assigned by the two examiners will be awarded to the candidate.

8.2 A candidate shall be declared to have passed Part – II examination if the candidate secures not less than 50% of the marks prescribed for the dissertation and 50% of the marks prescribed for the viva-voce examination in addition to a pass in course IV (cf. 4.1).

9. CLASSIFICATION OF SUCCESSFUL CANDIDATES

9.1 The candidates who pass the Part - I and Part - II examinations with 75% and above in their first attempt shall be classified as I Class with distinction.

9.2 The candidates who pass the Part - I examinations in more than one attempt but within one year and Part - II examinations in one attempt shall be classified as follows: 60% to 74% as I Class and 50% to 59% as II Class.

9.3 Candidates who pass the courses from I to IV in more than one attempt and pass the programme beyond one year shall be declared II Class.

10. RESTRICTION IN NUMBER OF CHANCES

A candidate may be allowed for two successive attempts within the maximum duration of two years to pursue Part - II of the M.Phil. course (i.e. dissertation) even if the candidate fails in course I and /or course II and /or course III of Part – I and /or course IV of Part- II examinations. However, the candidate is deemed to have completed the programme only after successfully completing Parts I and II.

11. CONFERMENT OF M.PHIL. DEGREE

Candidate shall become eligible for the conferment of the M.Phil. Degree upon successful completion of both parts of the programme.

12. RE-REGISTRATION

12.1 The candidates shall be permitted for re-registration based on the merit of individual cases. Special fee structure can be framed and enforced for the case of re-registered candidates.

12.2 The re-registered candidates are required to submit the dissertation not earlier than three months and not later than one year after the date of re-registration. No further extension of time shall be given**.**

13.   POWER TO MODIFY

Notwithstanding any of the provisions stated above, the Vice Chancellor has powers to modify them individually or in toto. In case of any dispute/ discrepancy, the matter shall be referred to the Vice Chancellor for his / her counsel.

Ph.D. Process Time line for Full Time /Part Time scholars

(From submission of application to public Viva Voce Examination)

	Full Time	**Part Time**
Submission of Application	0 month	
Written test and Interview	1 month	
Ph.D. Enrollment	2 months	
Doctoral Committee formation and approval	3 months	
Doctoral Committee meeting recommending course work subject	4 months	6 months
Course work completion	5 months	10 months
Comprehensive Viva Voce Examination clearance	12 months	24 months
Seminar 1 presentation	15 months	27 months
Seminar 2 presentation	18 months	30 months
Synopsis presentation	22 months	33 months
Thesis Submission	24 months	36 months
Dc meeting on Examiners Reports	27 months	39 months
Public Viva Voce Examination	28 months	40 months

Note : DC meeting, Comprehensive Viva Voce, Synopsis involve external assessment besides Half Yearly Research Scholars Meeting.