



# **SRI RAMACHANDRA UNIVERSITY**

(Declared under Section 3 of the UGC Act, 1956)

Porur, Chennai - 600 116

**REGULATIONS FOR THE DEGREE OF DOCTOR OF SCIENCE (D.Sc.)**

**SRI RAMACHANDRA UNIVERSITY**  
(Declared under Section 3 of the UGC Act 1956)  
**Porur, Chennai – 600 116**

**REGULATIONS FOR THE DEGREE OF DOCTOR OF SCIENCE (D.Sc.)**

In exercise of the powers conferred under Rule 8 (g) of the MoA and Rules of Sri Ramachandra University, the Academic Council of Sri Ramachandra University hereby makes the following Regulations:

These revised regulations shall be called the” “Regulations for the Degree of Doctor of Science (D.Sc.) of Sri Ramachandra University” and they shall come into force from the year 2011. These Regulations are subject to such modifications as may be approved by the Academic Council from time to time.

**1. ELIGIBILITY**

1.1 A candidate who has qualified for the degree of Doctor of Philosophy (Ph.D.) of this University or from any other recognized University, in any one of the faculties approved by the Board of Management and who has subsequently carried out post-doctoral research work for a minimum period of 5 years in departments of the University or in an Institution recognized and approved for research leading to the award of Ph.D. Degree, may present himself/herself for the Degree of Doctor of Science (D.Sc.), the highest degree of this University.

1.2 Such a candidate who is a full-time teacher or research scholar working in Departments of this Deemed University or in an approved institution alone is eligible to submit his/her thesis for the award of Degree of Doctor of Science (D.Sc.).

1.3 The proposed D.Sc. thesis shall at least be based on a minimum of 15 publications in indexed and impact factor journals published after the award of the Ph.D. Degree to the candidate.

1.4 However, connected to the area/topic of D.Sc. thesis, the requirement of minimum number of publications may be reviewed, on a case to case basis, only if they are in high impact factor journals

**2. SUBJECT OF THESIS**

2.1. The Thesis submitted by the candidate for consideration for the award of the degree of Doctor of Science (D.Sc.) shall be substantially related to the result of his/her post-doctoral research work.

2.2. The candidate shall state in his/her application the faculty/discipline on which he/she bases his/her qualification for the Doctorate. The topic of the D.Sc. thesis may be related to his/her Ph.D. work. If the thesis submitted for D.Sc. is related to the thesis of Ph.D. or any other equivalent previous research degree, the findings shall be confined only to the review of literature. The thesis submitted for the Ph.D. degree or any other equivalent previous degree, shall not form part of the D.Sc. thesis. He/she shall submit with his/her application **five copies** of his/her thesis, which shall be in the form of published work or published papers that contain original contribution to the advancement of scientific knowledge.

2.3 The subject of the thesis shall be one which relates to the branch of knowledge chosen for the Ph.D. degree.

2.4 **The Thesis must be on one main theme** and no candidate can submit as a thesis a series of unconnected papers. A series of published research papers can be submitted provided they form one connected theme with analytical chapter(s) to show as to how the postdoctoral work/publications area interconnected leading to new knowledge or additional knowledge to the chosen area of research which lead to advancement of scientific knowledge and form a valuable contributions to the concerned branch of science. Additional papers can be submitted in support of the main thesis only on an undertaking that the candidate indicates in the preface the main work, or memoir, or thesis upon which he/she bases his/her application for the D.Sc. Degree.

### **3. DECLARATION**

3.1 The thesis shall be accompanied by a declaration signed by the candidate that it has been composed by himself/herself independently and that the thesis has not previously formed the basis for the award of any degree such as Master's degree or Ph.D. Degree, Diploma, Associateship, Fellowship or other similar title. (Format is given as Annexure I).

### **4. CERTIFICATION**

4.1. The candidate shall obtain and include next to the declaration, a certificate from the Head of the University Department/ Constituent college/ Approved Institution certifying that the candidate has carried out the work of post-doctoral research independently and that he/she is a full-time Faculty Member/Research Scholar in that University Department/Constituent college/Institution.

### **5. PREFACE AND LITERATURE REVIEW**

The candidate shall indicate generally in a preface to his/her thesis, the sources from which his/her hypothesis of research is based on and the extent to which he/she has availed of the

work of others, he/she shall review the current status of knowledge available in his/her chosen area of research on which the thesis has been built upon.

## **6. DATE OF SUBMISSION OF APPLICATION AND THESIS**

6.1. The application and thesis must be forwarded with the prescribed fee so as to reach the Controller of Examinations on any working day in the month of **JANUARY, APRIL, JULY or OCTOBER** and after the lapse of the period mentioned in Regulations 1, *supra*.

## **7. FORMAT OF THE THESIS**

- 7.1 Title page
- 7.2 Certification from the Head of the Department/ constituent college/ institution
- 7.3 Declaration
- 7.4 Preface
- 7.5 Literature review
- 7.6 Compilation of Postdoctoral research as reprints of publication with a narrative write up justifying the connectivity and continuity of research output through the publications.
- 7.7 Analytical discussion to demonstrate the research contribution leading to new knowledge and/or additional knowledge to the chosen area.
- 7.8 Additional publications if any, with explanatory note on thesis relevant to the thesis
- 7.9 Summary and conclusion
- 7.10 Bibliography

## **8. ACCEPTANCE OF THE THESIS FOR EVALUATION**

8.1 Upon receipt of the application and thesis, the Controller of Examinations shall, in the first instance, arrange to refer the thesis to the Standing Committee of the Board of Research Studies to make suitable recommendations as to its acceptability for valuation. The Standing Committee may co-opt such other member or members, who are specialists/experts in the subject of the thesis, it deems fit for this purpose. Thereafter the Standing Committee shall make its recommendations as to the suitability or otherwise of the thesis for processing for valuation based on its assessment as to its originality, etc.

8.2 When the thesis is not accepted for valuation, the thesis will be returned to the candidate and the fee paid by him/her will be refunded (after deducting a processing fee of Rs.10,000/-).

8.3 When the thesis is accepted for valuation, the procedure prescribed *infra* will be followed.

## **9. EXAMINERS**

9.1. If the thesis is recommended to be accepted for valuation, the Standing Committee of the Board of Research Studies shall suggest a panel of not less than twelve external Examiners being experts in the field of research chosen by the candidate for the D.Sc. thesis, three from abroad, three from Northern India, three from Southern India and three from rest of India, for consideration for appointment as examiners for evaluating the thesis, to the Controller of Examination by name in a cover marked "confidential".

9.2. If the panel of twelve names of external examiners suggested by the Standing Committee of the Board of Research Studies is found to be inadequate, the Vice-Chancellor shall be at liberty to obtain additional names of experts, in consultation with experts of his/her choice, in the concerned field.

## **10. VALUATION OF THESIS**

10.1 The Thesis shall be referred by the Vice-Chancellor for valuation to a Board of Examiners consisting of three persons (one from Southern States one from rest of India and one from abroad) from the panel submitted by the Standing Committee of the Board of Research Studies.

10.2 The Board of Examiners who value the Thesis shall report on the merit of the candidate for the D.Sc. Degree. As "Commended" "Highly commended" or "Not commended" If two of the three Examiners do not commend the thesis, the thesis shall stand rejected. If two of the three Examiners commend the thesis and one examiner does not commend the thesis, the Vice-Chancellor may refer the same to a fourth examiner for his valuation. The fourth Examiner shall be from the same category of examiner, who rejected the thesis (i.e., Examiner from Southern state/Northern state/ rest of India/ abroad). If the fourth examiner commend the thesis, the candidate will be declared qualified for the award of the D.Sc. Degree. If the fourth Examiner also does not commend the thesis, the candidate will be declared not qualified for the degree.

10.3 The reports of the Board of Examiners appointed by the University shall be placed before the Board of Management for declaring the candidate to be qualified/not qualified for the award of D.Sc. Degree.

10.4 A candidate who has been declared qualified, shall be awarded the Degree of Doctor of Science (D.Sc.) in the Convocation of Sri Ramachandra University.

## **11. RE-SUBMISSION OF THESIS**

11.1 A candidate shall not be permitted to submit thesis for the award of D.Sc. Degree on more than two occasions.

11.2 A candidate whose thesis has not been commended in the first instance may be permitted to re-submit the Thesis a second time after a period of one year and after inclusion of additional publications on the subject, following the procedure prescribed under Regulation 6 *supra*. Ordinarily the re-submitted thesis will be referred to the same Board of Examiners which valued the thesis on earlier occasion.

## **12. SAVINGS**

12.1 For any thing not specifically covered by the above Regulations and questions arising out of these regulations, the same shall be referred to the Standing Committee of the Board of Research Studies, whose decision shall be final.

**SRI RAMACHANDRA UNIVERSITY**

(Declared under Section 3 of the UGC Act 1956)

Porur, Chennai – 600 116

**APPLICATION FORM FOR SUBMISSION OF THESIS FOR THE  
DEGREE OF DOCTOR OF SCIENCE (D.Sc.)**

To be filled in by the candidate

DETAILS OF REMITTANCE OF FEE	
a) Name of the Bank/ Branch	
b) Amount Remitted                      Rs.	
c) Demand Draft Number & date	

To be forwarded to the Controller of Examinations together with FIVE COPIES of Thesis and prescribed fee in the form of Demand Draft drawn in favour of 'Sri Ramachandra University, Porur, Chennai', so as to reach the Controller of Examinations on any day in the month of **JANUARY or JULY.**

a) Name of the Applicant (Block Letters) as in the Ph.D. Degree		
b) Date of Birth & Age		Male / Female
c) Nationality		OC/ MBC/ BC/ SC/ ST
d) Present designation and address of Institution where candidate is now working as full time teacher or full time research scholar	..... ..... ..... .....  Telephone/Mobile.....	
e) Residential address	..... ..... ..... .....  Telephone/Mobile.....	

f) Number of Postdoctoral Publications in accredited journals	
g) Was Author/co-author/Editor of any publications? Give details	
h) The month and year of qualifying for the Ph.D. Degree (Enclose the letter declaring you qualified for the Ph.D. Degree and Ph.D. Degree ( in original)	
i) Name of the University which awarded the Ph.D. Degree	
j) The Department and Institution in which the Research work for the award of Ph.D. was carried out (with full address)	
k) Title of the Ph.D. Thesis	
<b>DETAILS OF PROPOSED THESIS FOR D.Sc.</b>	
a) Has the D.Sc. Thesis been published, give details.	
b) Title of the D.Sc. Thesis and subject	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
c) Name of department of Sri Ramachandra University or any approved institution where the candidates has been working for five years or more after obtaining the Ph.D. Degree during which he/she has published papers	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>



d) Whether the candidate has published papers on his/her research work other than the D.Sc. thesis and if so whether copies of the same have been attached	
--	--

Signature of Candidate  
Name

Place:

Date:

**Check list:**

1. Five copies of the D.Sc. thesis.
2. Prescribed fee in the form of demand draft drawn in favour of "Sri Ramachandra University, Porur, Chennai
3. Declaration as per Appendix-I duly signed by you
4. Certificate as per Appendix-II duly signed by the Head of Institution with Office seal affixed
5. Ph.D. Thesis copy
6. Ph.D. Degree Certificate (Original)
7. Letter declaring the candidate to have qualified for the Ph.D. degree (Original) from the University concerned.

8.

**Appendix I**

**FORM OF DECLARATION**

I .....hereby declare that thesis entitled

.....

has been based on my post-doctoral research and compiled by myself independently and that it has not previously formed the basis for the award of any degree such as Master's degree or Ph.D. Degree, Diploma, Associateship, Fellowship or other similar title from any University/Institution.

Place

Signature:

Date

Name

Designation & Address

-----

**Appendix II**

**CERTIFICATE**

The candidate shall obtain and include next to the declaration, a certificate from the Head of the University Department/Approved Institution certifying that the candidate has carried out the work of post-doctoral research independently and that he/she is a full-time Faculty Member/Research Scholar in that University Department/Institution duly signed with name and designation and office seal affixed.