

**RAJASTHAN TECHNICAL UNIVERSITY  
KOTA**



**ORDINANCES**

**DEGREE  
OF  
DOCTOR OF PHILOSOPHY**

*Dr.*

राज्यपाल सचिवालय  
राजभवन, जयपुर।

प्रेषक:  
प्रमुख सचिव,  
राज्यपाल, राजस्थान  
जयपुर।

प्रेषिति:  
कुलसचिव,  
राजस्थान तकनीकी विश्वविद्यालय,  
कोटा।

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विषय :- पी.एच.डी. ऑर्डिनेन्स व रेगूलेशन की स्वीकृति बाबत।

संदर्भ :- आपका पत्र क्रमांक एफ.(2),बोम-11 / 2011 / 6434, दिनांक 21.10.2011

महोदय,

उपरोक्त विषयक एवं संदर्भित पत्र के क्रम में राजस्थान तकनीकी विश्वविद्यालय, कोटा के पी.एच.डी. ऑर्डिनेन्स व रेगूलेशन पर विश्वविद्यालय अधिनियम की धारा 40(4) के अंतर्गत महामहिम राज्यपाल एवं कुलाधिपति महोदया द्वारा सहमति प्रदान कर दी गई है। निर्देशानुसार उक्त प्रस्तावित ऑर्डिनेन्स व रेगूलेशन की हस्ताक्षरित प्रति संलग्न कर आवश्यक कार्यवाही हेतु प्रेषित है।

भवदीय,

संलग्न :- उपरोक्तानुसार



(हृदयेश जुनेजा)  
विशेषाधिकारी, उच्च शिक्षा

**RAJASTHAN TECHNICAL UNIVERSITY,  
KOTA  
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DEGREE OF DOCTOR OF PHILOSOPHY**

**PREAMBLE**

Rajasthan Technical University, Kota offers postgraduate programmes leading to the award of degree of Doctor of Philosophy through its Departments/Research Centres. The award of degree of Doctor of Philosophy is in recognition of high academic achievements, independent research and application of knowledge to the solution of technical and scientific problems in Applied Sciences, Engineering, Technology, Computer Applications and Management or in recognition of high academic achievements, independent research in Humanities or English. Creative and productive inquiry is the basic concept underlying the research work.

The academic programme leading to the degree of Doctor of Philosophy is broad-based and involves a minimum course requirement and a research thesis. The University also encourages interdisciplinary areas through a system of co-supervision through its academic departments and research centres and provides excellent opportunities for such programmes. The University undertakes sponsored research and development projects from industrial and other organizations in the public as well as private sector.

The degree of Doctor of Philosophy shall be abbreviated as PhD. The degree of Doctor of Philosophy is granted for research work in areas recognized by the Academic Departments/bodies of the University subject to the conditions and regulations contained hereinafter.

The research work shall be an original work characterized either by the discovery of facts, or by a fresh approach towards the interpretation and application of facts, or development of equipment making a distinct advance in instrument technology. It shall evince the research scholar's capacity for critical examination and sound judgment and shall represent original contribution to the existing knowledge.

The degree of Doctor of Philosophy (PhD) of the Rajasthan Technical University, Kota shall be conferred on a research scholar who fulfills all the requirements specified in these Ordinances and Regulations. The degree of Doctor of Philosophy will be awarded on the research work carried out by the research scholar.

#### **DEFINITIONS**

*Note:* 'He' and 'His' imply 'he'/'she' and 'his'/'her', respectively here in after.

- i. **"Applicant"** shall mean an individual who applies for admission to the PhD programme of the Rajasthan Technical University, Kota on a prescribed Application Form.
- ii. **"Caretaker Supervisor"** shall mean a member of the academic staff appointed to look after the research scholar's research interests in the absence of the Supervisor and after the submission of the thesis.
- iii. **"Co-supervisor"** shall mean an additional supervisor approved by the Department Research Committee to help in the accomplishment of the research work of the research scholar.
- iv. **"Course Advisor"** shall mean a faculty member nominated by the Department/Research Centre to chalk-out the programme of study of a student registered for the PhD and to advise him on the courses to be



taken by him. If a supervisor(s) has already been appointed, he shall be the Course Advisor for that student.

- v. **“Course Work”** shall mean courses of study prescribed in the Department/Research Centre through the Course Advisor to be undertaken by a student registered for the PhD degree.
- vi. **“Dean (Research)”** shall mean the Dean (Research) to be appointed by the Vice Chancellor. All the matters related to PhD degree shall be routed through Dean (Research).
- vii. **“Degree”** shall mean the Degree of Doctor of Philosophy (PhD) of the Rajasthan Technical University, Kota.
- viii. **“DRC”** shall mean Department Research Committee.
- ix. **“Educational Institution”** shall mean those colleges which offer Bachelor’s or higher degree.
- x. **“Full-time Research Scholar”** shall mean a person registered for the PhD degree devoting full time for completing the degree requirements.
- xi. **“Minimum Registration Period”** shall mean the minimum period for which a research scholar must be registered, prior to submission of the thesis.
- xii. **“ODEC”** shall mean Oral Defence Evaluation Committee.
- xiii. **“Part time Research Scholar”** shall mean a person who is registered for the PhD degree and will devote part of his time towards this pursuit and devote part of time towards the discharge of his official obligations.
- xiv. **“RTU”** shall mean Rajasthan Technical University, Kota.

- xv. **“Registration Period”** shall mean the length of time span commencing with the date of initial registration at the University/Research Centre on full-time basis.
- xvi. **“Research Board”** shall mean the Research Board of each faculty of the Rajasthan Technical University, Kota.
- xvii. **“Research Centre”** shall mean Research Centre approved/recognized by the University, where research work is permitted to be pursued.
- xviii. **“Research Scholar”** shall mean a person registered for the PhD degree programme.
- xix. **“Residential Requirement”** shall mean the minimum period for which a Research scholar must attend the University/Research Centre on full time basis.
- xx. **“Sponsored Research Scholar”** shall mean a full time research scholar except that he receives complete financial support from the sponsoring organization i.e. his employer.
- xxi. **“Supervisor”** shall mean a faculty member of the University/Affiliated Institute/ College or any other person approved by the Research Board on the recommendation of Department Research Committee to supervise the research work of a research scholar.
- xxii. **“University”** shall mean the Rajasthan Technical University, Kota.



## **ORDINANCES**

### **O.1 ELIGIBILITY FOR ADMISSION**

#### **O.1.1 Eligibility for Full time Research Scholar**

An applicant possessing the following qualifications in appropriate areas shall be eligible to apply for admission to PhD programme of the respective disciplines of University:

**O.1.1.1** Master's degree in the appropriate discipline of any recognized University/Institute or equivalent with a minimum of 60% marks in aggregate (of all the years/semesters) where marks are awarded or minimum equivalent Cumulative Grade Point Average (CGPA) as defined by AICTE.

**O.1.1.2** A relaxation of 5% in the minimum eligibility shall be applicable to the applicant belonging to the categories of SC/ST/Physically handicapped and visually impaired.

#### **O.1.2 Eligibility for Part-time Research Scholar**

**O.1.2.1** The applicant must hold the minimum entry qualifications for the degree as given in O.1.1

**O.1.2.2** The applicant proves to the satisfaction of the DRC that:

- i. His official duties permit him to devote sufficient time to research through written endorsement from his employer in prescribed form.

- ii. Facilities for pursuing research are available at the applicant's parent organization/place of work in the chosen field of research.
- iii. Applicant submits the certificate issued by the parent organization for the period required to fulfill the residential requirement during course work/contact days with supervisor after completion of the course work as notified by University from time to time.

## **O.2 RESEARCH BOARD CONSTITUTION**

**O.2.1** There shall be a Research Board for each faculty. The Research Board shall

consist of the following:

- I. Vice Chancellor (Chairperson)
- II. Pro-Vice Chancellor
- III. Dean of the Faculty
- IV. Professor by rotation in order of seniority of each University teaching department/Centre and where there is no Professor, Associate Professor (with Doctoral degree) by rotation in order of seniority for a term of three years.
- V. Dean (Research)
- VI. Whenever there is a Ph.D proposal from a department which does not have any University teaching department, a subject expert may be nominated by the Vice Chancellor.

**O.2.2** One-third of the members shall form the quorum. In the absence of the Vice Chancellor and the Pro-Vice Chancellor, the senior-most Professor in the University teaching



departments present at the meeting will preside. The recommendation of the Research Board be reported to the Academic Council. The Research Board shall meet as often as required but at least once in every semester.

### **O.3 DEPARTMENT RESEARCH COMMITTEE**

**O.3.1** The Vice Chancellor shall constitute a Department Research Committee (DRC) for each PhD programme on the recommendation of Dean (Research). The DRC shall consist of following members:

- I. Professor by rotation in order of seniority of each University teaching department/Centre, and where there is no Professor, Associate Professor (with Doctoral degree) by rotation in order of seniority – Chairperson
- II. Three faculty members with Doctoral degree representing different discipline of the department out of which two from the University department and one from the affiliated institute nominated by Vice Chancellor on the recommendation of Dean (Research) - Member(s)
- III. One Vice Chancellor's nominee –Member

**O.3.2** If required additional members may be nominated by the Vice Chancellor for a particular specialization on the recommendation of DRC.

**O.3.3** If a department does not exist in the University, or has less than requisite number of eligible faculty members on rolls, the Vice Chancellor on the recommendation of Dean (Research) may appoint external faculty members to fill in the shortage. Dean (Research) shall propose the names of external faculty members of the subject area. The DRC will

consist of minimum five members including Vice Chancellor's nominee.

**O.3.4** The term of all the members including Chairperson shall be three years. In the absence of Chairperson, the next senior most member shall Chair the meeting.

**O.3.5** Each member of the DRC should qualify the minimum eligibility requirements of a research supervisor.

**O.3.6** Three members of DRC shall constitute the quorum for a meeting.

**O.3.7** The PhD programmes at recognized Research Centre shall be conducted under the supervision of the respective DRC.

#### **O.4 RECOGNITION OF RESEARCH CENTRE IN AFFILIATED COLLEGES**

##### **O.4.1 Approval for Research Centre**

**O.4.1.1** The teaching department of an affiliated college of University may seek recognition as an approved research centre to facilitate research leading to PhD degree at its premises. Such applications shall be sent to Dean (Research) and will be considered only for further consideration if the department of affiliated college fulfills all the following minimum requirements:

- i.** The teaching department of an affiliated college is successfully running PG programme in the relevant area/discipline for last 5 years.



- ii. Centre should have one full time faculty member eligible to become research supervisor in the relevant area.
- iii. Appropriate research facilities are available in the relevant area/discipline.

**O.4.1.2** Dean (Research) shall appoint a committee for carrying out preliminary scrutiny of the applications received. Based on the recommendations, Dean (Research) shall refer the matter to Director (Academics) for inspection of college to ascertain the ground situation. The inspection report shall include videography of the infrastructural facilities including the laboratories, computational facilities, library and software details etc. Such inspection report shall be evaluated by Research Board before granting the approval.

#### **O.4.2 Extension of Approval for Research Centre**

The recognition as approved research centre shall be given initially for a period of five years. The suitability shall again be assessed after every five years. If the research centre does not satisfy the infrastructure and academic requirements, no further admission of PhD student shall be permitted at the research centre for at least next two years, after which a fresh application may be entertained for grant of approval of the research centre.

## **O.5 RESEARCH SUPERVISOR**

**O.5.1** All research work leading to the award of PhD degree shall be carried out under the supervision of the registered research supervisor(s) of the University either in the University Department or at approved research centers of the University.

**O.5.2** The following persons will be eligible to act as research supervisor:

- a)** All Professors, Associate Professors, Assistant Professors (selection grade) in the University teaching departments provided they possess doctoral degree from a recognized University.
- b)** All permanent Assistant Professors in the University teaching departments possessing a doctoral degree with at least five years teaching experience of Post Graduate classes or at least five years experience of post doctoral research work in a recognized research institution.
- c)** All Professors, Associate Professors, Assistant Professors in the affiliated colleges provided they possess doctoral degree from a recognized University and have at least five years teaching experience of Post Graduate classes in recognized institutes or five years post doctoral research work in a recognized research institution.
- d)** A permanent teacher in the University teaching department or an affiliated college, possessing doctoral degree and with at least ten years teaching experience (not below degree classes) with independent published



research work will be eligible for recognition as a research supervisor. In such cases the evaluation of the quality of research work shall be done by a Committee of three experts in the subject, appointed by the Vice Chancellor on the recommendation of the DRC.

**O.5.3** A faculty member willing to act as research supervisor shall have to apply for registration as research supervisor through Dean(Research) in prescribed form to the Research Board. The Research Board shall notify the approved research supervisors of the University.

**O.5.4 Joint Supervision:**

The joint supervision may be permissible in special cases, provided the reasons for joint supervision are well defined by the supervisors. However, one of the supervisors shall be from University/approved research center.

**O.5.5 External Research Supervisor:**

The Research Board, on the recommendation of the DRC concerned, may recognize a research supervisor not belonging to the University provided;

- a) He is permanent employee of recognized University/Institution/Research organization and possesses a doctoral degree with at least five years teaching experience of Post Graduate classes or at least five years experience of post doctoral research work in a recognized research institution.
- b) At least one research scholar has completed PhD under his supervision.

**O.5.6** In special circumstances, a full-time research scholar may be permitted to carry out his research outside the University/Research Centre subject to the approval by the Research Board on the recommendations of DRC. In such cases one co-supervisor is a must from the approved work place.

**O.5.7** No person will be normally allowed to supervise his close relations. If somebody wants to do so, prior permission of the Research Board will be necessary. If such permission is granted, the supervisor will not act as one of the examiners when the thesis is submitted. The supervisor will also not suggest names of the examiners to evaluate thesis. The term close relation includes spouse, children, sister, brother, grand children, nephew, niece, grand niece, grand nephew, uncle, aunt, first cousin, son-in-law, daughter-in-law and nephew, niece, grand niece and nephew of supervisor's wife.

**O.5.8 Appointment of Supervisors and Caretaker Supervisor**

A faculty member appointed as a PhD supervisor is normally expected to be available to a research scholar in the Institution/ University till the thesis is submitted. However, under unavoidable circumstances, such as: long leave for more than twelve months, resignation; retirement; or death; a supervisor may not be available to the research scholar. In such special cases, appointment of new supervisor(s) will be regulated as under:

**O.5.8.1 Supervisor proceeding on long leave for more than twelve months**



- a) Where more than one supervisor exists, the supervisor proceeding on long leave for more than twelve months can continue to be a supervisor, provided the supervisor existed for more than eighteen months.
- b) Where only one supervisor exists, another supervisor may be recommended to be appointed by the DRC in cases where a student has not yet submitted his synopsis.
- c) If the synopsis of the thesis has been submitted before the supervisor proceeds on leave, he will continue to be the supervisor and only a caretaker supervisor will be appointed.
- d) If the thesis has been submitted before the supervisor proceeds on leave, he will continue to be the supervisor and only a caretaker supervisor will be appointed.
- e) Further, if a major revision becomes necessary, and the sole supervisor is on leave, he should be asked to specifically state whether he would effectively help the student carrying out the major revisions within a reasonable period. In case the sole supervisor expresses his inability due to one reason or the other, the caretaker supervisor, if he provides the required help in carrying out the major revision, will automatically be treated as a co-supervisor of that research scholar.

**O.5.8.2** If a supervisor proceeds on leave for a period less than 12 months initially, but later extends his leave beyond 12 months, the procedure as per O.5.7.1 will be followed.

**O.5.8.3 A Supervisor retires**

A faculty member who is due to retire within the next two years can be appointed as a co-supervisor and can continue to be the co-supervisor even after his retirement provided the DRC is convinced of his availability / continued guidance to the student.

In other cases, a faculty member on retirement may continue as a supervisor/ co-supervisor, if re-employed or appointed as Emeritus Fellow; or, Honorary Professor; or, if the synopsis of the thesis has been submitted. Appointment of another Supervisor, if necessary, will be as per O.5.8.1 (a), (b) and that of a caretaker supervisor as per O.5.8.1 (c) to (e).

**O.5.8.4 A Supervisor resigns**

A new Supervisor will be appointed, if necessary, as per O.5.8.1 (a), (b) and that of a caretaker supervisor as per O.5.8.1 (c) to (e).

**O.5.8.5 A Supervisor dies**

A handwritten signature in black ink, consisting of stylized initials and a horizontal line underneath.



A new Supervisor will be appointed, if necessary, by Research Board on the recommendation of DRC.

**O.5.8.6 Limit for supervising Research scholars by Supervisors**

The maximum limit for supervising PhD students at a time shall be governed by the Regulations.

**O.6 ADMISSION PROCEDURE**

- O.6.1** Applications for admission to the PhD programme shall be invited during an academic year for the available vacancies. The admission to the PhD programme shall be made through RTU Doctoral Admission Test (RTU-DAT) as per procedure laid down in the Regulations.
- O.6.2** DRC and all supervisors of the department will interview qualified applicants in order of merit of RTU-DAT and allot the supervisor(s) on the basis of specialization of supervisors, interest area of the applicant and mutual consent of supervisor(s) and the applicant till all the vacancies are filled as per the Regulations.
- O.6.3** Every successful applicant shall be required to register for the PhD programme as research scholar. A research scholar will be required to renew the registration every semester, till the submission of the thesis as per the Regulations.
- O.6.4** Those applicants who fail to get admission to a PhD programme, after qualifying the RTU-DAT, due to any reason in an academic session, shall be required to reappear and qualify RTU-DAT again.

## **O.7 COURSE WORK**

A research scholar shall be required to undertake and successfully complete the course work and carry out his research work at the University/Research Centre, under the guidance of approved supervisor(s) as per the Regulations.

## **O.8 RESEARCH PROPOSAL**

**O.8.1** Subsequent upon successful completion of course work each research scholar shall submit his research proposal as approved by the allotted supervisor(s) to Head of the Department concerned for consideration of the DRC.

**O.8.2** Each student will present his research proposal before the committee consisting of the DRC members, supervisor(s) and one subject expert (to be appointed by the DRC Chairperson from a panel of names suggested by the supervisor).

**O.8.3** The committee will examine the research proposal and suggest suitable modification/alterations if any. The student shall incorporate suggested changes and resubmit the research proposal to the satisfaction of the committee.

**O.8.4** The committee shall submit the research proposal to the Research Board for approval.

**O.8.5** If at any stage, the student wishes to modify the research plan and/or change the title of the thesis approved earlier, supervisor shall arrange the proposal to be put before the committee and the student shall make a presentation before it with the details of the proposed modifications and its



justifications. The committee shall make appropriate recommendations for approval of Research Board.

### **O.9 PERFORMANCE MONITORING**

The progress of research work of each research scholar will be monitored by an Annual Performance Review Committee (APRC) as per the procedure laid down in the Regulations. The DRC shall constitute APRC consisting of the supervisor(s) and one subject expert from amongst the panel suggested by supervisor(s).

### **O.10 REQUIREMENT FOR PERIOD OF THESIS SUBMISSION**

**O.10.1** The requirement of minimum and maximum period for submission of PhD thesis from the date of initial registration shall be as follows:

<b>Category</b>	<b>Minimum period for submission</b>	<b>Maximum period of submission</b>
Full -time	five semesters	twelve semesters
Part- time	eight semesters	sixteen semesters

The date of initial registration shall be the date on which the applicant formally registers as research scholar for the first time in the beginning of a semester for the PhD programme, which shall also be the date of his joining the programme for all intents and purposes.

**O.10.2** Under exceptional circumstances a student may apply for extension of the period for submission of the thesis, only

once, for a maximum of two semesters in the prescribed form to the Chairperson DRC during the twelfth semester in case of a full time student and the sixteenth semester in case of a part time student. After DRC recommends the case, the same shall be forwarded to the Research Board for approval.

#### **O.11 FULL TIME PhD TO PART TIME PhD CONVERSION**

In special circumstances a full time research scholar, after completion of the minimum period of submission of thesis as per O.10.1 may be permitted to convert his status to a part time research scholar on the recommendation of supervisor and DRC and subject to approval of the Research Board.

#### **O.12 PRE-SYNOPSIS SEMINAR/ SYNOPSIS/ PANEL OF EXAMINERS**

##### **O.12.1 Pre-Synopsis Seminar**

- a) APRC shall assess the work through a pre-synopsis seminar. The research scholar can submit the synopsis only if the APRC is satisfied about the quality of the work for submission as a PhD thesis. The recommendations of APRC shall be forwarded by the Chairperson of DRC to Dean (Research).
- b) The pre-synopsis seminar shall be adequately notified by supervisor so as to enable interested faculty members and students to attend it.

##### **O.12.2 Synopsis**



The research scholar shall submit eight copies of the synopsis after the presentation of pre-synopsis seminar.

### **O.12.3 Panel of Examiners**

A panel of eight experts in the area of the PhD thesis shall be suggested by the Supervisor(s) while forwarding the title and synopsis of the thesis in a confidential cover to the Dean (Research). The panel so recommended should include at least 50% of the examiners from abroad/premier institutions like IITs/CSIR Laboratories/Central Universities/DRDO/ NITs/ IIMs/IITMs/IIITs. The examiners should be eminent experts in the subject areas of the research scholar's thesis with proven record which shall also be submitted along with panel. No close relations as specified in O.5.6 shall be permitted to act as examiner(s).

### **O.13 BOARD OF EXAMINERS FOR THESIS EVALUATION**

On receipt of the title and synopsis of the thesis, the Dean (Research) shall submit the panel of examiners suggested by supervisor, for each research scholar, to the Vice Chancellor for constituting Board of Examiners (BOE). The BOE shall consist of three examiners as:

- i) One internal examiner i.e., supervisor (Category I)
- ii) One external examiner from the approved panel (Category II)
- iii) One external examiner from the approved panel who shall be from abroad/premier institutions as laid down in O.12.3. (Category III)

A person working in the organization/ institution where research scholar is employed cannot be appointed as an external examiner.

## **O.14 THESIS SUBMISSION**

The thesis should bear evidence of the research scholar's capacity for analysis and judgment as well as his ability to carry out independent investigation, design or development. No part of the thesis or supplementary published work shall have been submitted for the award of any other degree or diploma.

**O.14.1** A research scholar may be permitted to submit his thesis only if he has published at least one paper in refereed International Journal having impact factor as specified in the Regulations and at least one paper in National Journal/International Conference.

**O.14.2** The thesis shall be written in English in the specific format and shall contain a critical account of the research work carried out by the research scholar. It should be characterized by discovery of facts or fresh approach towards interpretation of facts and theories or significant contribution to knowledge or development or a combination of these. Its format, front page/cover format and colour codes of the binding and copyright certificate shall be as specified by the University from time to time.

**O.14.3** Initially the research scholar is required to submit five copies of the thesis in soft binding form for evaluation of the thesis.

## **O.15 THESIS EVALUATION**



- O.15.1** The thesis shall be evaluated by Board of three examiners (as per O.13).
- O.15.2** Each examiner will be requested to submit a detailed assessment report and his recommendations on the prescribed form to the Dean (Research) within three months of the date of receiving the thesis.
- O.15.3** In the event of the thesis report not being received from an examiner within a period of six months, the Dean (Research) may seek approval of Vice Chancellor for another examiner from the approved panel for evaluating the thesis.
- O.15.4** (i) Examiners will examine the thesis individually with a view to judge whether the thesis is a piece of research work characterized by;
- a)** the discovery of facts, and/or
  - b)** a fresh approach towards interpretation and application of facts or theories, and/or
  - c)** a distinct advancement in technology.
- (ii) The examiner will be required to give his opinion about research scholar's capacity for critical examination and sound judgment. All examiners will submit the reports on the prescribed form clearly indicating one of the following four definite recommendations:
- a)** The thesis is recommended for the award of PhD, or
  - b)** The thesis is recommended for the award of PhD Degree subject to the research scholar giving satisfactory answers to queries, specifically

mentioned in the report, at the time of Viva-voce examination, or

- c) The research scholar be allowed to resubmit his thesis in the revised form, or
- d) The thesis is rejected.

**O.15.5** The University shall take a decision on the basis of recommendations of the examiners according to Table given below:

SN	Recommendation of Examiners			Decision
	1	2	3	4
1	accept	accept	accept	Refer O.15.5.1
2	reject	reject	reject	Refer O.15.5.2
3	accept	reject	reject	Refer O.15.5.3
4	accept	accept	reject	Refer O.15.5.4
5	accept	revise	reject	Refer O.15.5.5
6	accept	revise	revise	
7	revise	revise	revise	
8	revise	revise	reject	
9	revise	reject	reject	Refer O.15.5.2
10	accept	accept	Revise	Refer O.15.5.5

**O.15.5.1** The thesis shall be accepted.

**O.15.5.2** The thesis shall be rejected.

**O.15.5.3** The thesis shall be rejected. However, the research scholar may be allowed to resubmit the



thesis normally after one year, provided the title of the thesis remains unchanged. Then after normal procedure will be followed for the thesis evaluation.

**O.15.5.4** A fourth examiner (from the same category as laid down in O.13) shall be appointed from the approved panel of examiners. In case the fourth examiner, after evaluation, recommends

- i) rejection, the thesis would be rejected as per O.15.5.3.
- ii) acceptance, the thesis would be accepted.
- iii) revision, the thesis would be suitably revised within a period of one year and resubmitted to the same examiner for reevaluation, till acceptance/rejection, and thereafter Table as above shall apply accordingly.

**O.15.5.5** The thesis would be suitably revised, within a period of one year, for re-evaluation by the examiner(s) (who has or have recommended revision) till acceptance/rejection, and thereafter Table as above shall apply accordingly.

**O.15.6** In case of ambiguous recommendations by the examiner, Dean (Research) will approach the examiner for a clear recommendation. In case clear recommendation is not forthcoming, the matter may be referred to the Vice Chancellor for his decision.

**O.15.7** Any doubt, arising out of following the procedure laid down in O.15 above, shall be referred to the Vice Chancellor for the decision.

## **O.16 RESUBMISSION**

**O.16.1** In case of resubmission of the thesis, examination fee shall be paid again by the research scholar.

**O.16.2** The revised thesis may be submitted within two years from the date of such intimation.

## **O.17 ORAL DEFENCE EXAMINATION**

**O.17.1** If the thesis is recommended for the award of degree, the research scholar shall be required to defend his work/thesis orally (viva-voce examination) before a duly constituted committee, ODEC. Details of the viva-voce shall be adequately notified so as to enable interested staff members and students to attend it.

**O.17.2** The ODEC shall consist of supervisor(s) (internal examiners), and one external examiner. The internal examiner(s) shall arrange the viva voce examination of the research scholar.

### **O.17.3**

**a)** In case of non-availability of the External Examiner(s) for three months in conducting the viva-voce examination, the Vice Chancellor may appoint another examiner to conduct the viva-voce examination from the existing panel. If need be, the supervisor may suggest a fresh panel of examiners.



- b)** The ODEC shall be provided with the comments made by the examiners (thesis evaluators) before the viva-voce examination, if any.
- c)** If there is a difference of opinion among the viva-voce examiners, the recommendations of the ODEC will be referred to the Vice Chancellor for final decision.
- d)** Internal examiner(s) shall arrange for the viva-voce examination of the research scholar as early as possible after receiving the notification from Dean (Research).
- e)** In case of the inability of the internal examiner(s) to have the viva voce examination conducted due to any reason whatsoever, the Vice Chancellor may appoint another Internal Examiner(s) from amongst the faculty of the department concerned who belongs to the particular field in consultation with Dean (Research) and Head of the Department concerned to conduct the viva-voce examination. In such cases also, the PhD work will be deemed to have been carried out under the guidance of the supervisor(s) only.
- f)** Any other matter not explicitly provided herein or of an exceptional nature, may be referred to the Vice Chancellor for decision.

**O.17.4** On the completion of all stages of the examination, the ODEC shall submit evaluation report in prescribed form and shall recommend to the Dean (Research), one of the following courses of action:

- a)** That the degree be awarded;

- b) That the research scholar be re-examined at a later specified time in a specified manner;
- c) That the degree shall not be awarded. The thesis will be rejected on the conclusion that the thesis is not genuinely the work of the research scholar.

In case of (a) and (b), the ODEC shall also provide to the research scholar a list of all corrections and modifications in the thesis (if required) including suggestions made by the examiners during the thesis evaluation.

The second viva-voce examination, if required, may be held normally after a period of three months.

#### **O.18 AWARD OF PhD DEGREE**

**O.18.1** The Degree shall be awarded by the University provided that:

- a) The ODEC recommends so;
- b) The research scholar produces a 'No Dues Certificate' in the prescribed form in the case of students who undertook research at the University premises.
- c) The research scholar has submitted four hard cover copies of the thesis; one each for the Departmental Library, University Library, supervisor(s) incorporating all necessary corrections/ modifications, if any.
- d) The research scholar has submitted soft copies of thesis and synopsis in pdf format to the University library.



**O.18.2** The award of the PhD to an eligible research scholar shall be made in accordance with the Regulations of the University.

## **O.19 THESIS EVALUATION**

### **O.19.1 Withdrawal from PhD Programme**

If a research scholar withdraws from his PhD programme or his registration is terminated, his research scholar status ceases. If such a research scholar is re-admitted within a period of six years, he/she may be given weightage to the credits acquired during the previous registration on the recommendation of DRC, except in the case of termination on disciplinary grounds.

## **O.20 GENERAL**


**O.20.1** The supervisor, department/Research Centre and University shall not be responsible for failure of the student in completing any of the requirements for award of PhD degree to the research scholar.

**O.20.2** Any doubt or dispute about the interpretation of these Ordinances shall be referred to the Vice Chancellor, whose decisions shall be final and binding.

**O.20.3** Notwithstanding anything contained in these Ordinances, all categories of the research scholars shall be governed by the rules and procedures framed by the Academic Council in this behalf, and in force from time to time.



Registrar  
Rajasthan Technical University,  
Kota



Chancellor 15/5/2012.  
Rajasthan Technical University,  
Kota