

ACADEMIC RULES DOCTORATE



OVERVIEW

Research doctorates at Sir Syed CASE Institute of Technology (SSCIT) are awarded in recognition of academic research that is (at least in principle) adds distinct intellectual contribution to existing body of knowledge. Like many highly reputed international universities, earning a research doctorate also requires successful completion of a regimen of coursework beyond the masters level.

Criteria for award of research doctorates vary from research area to area, but as mentioned earlier; it typically requires the submission of a substantial body of original research undertaken by the candidate. This may take the form of a single thesis or dissertation, or possibly a portfolio of shorter project reports, and will usually be assessed by a small committee of examiners appointed by SSCIT (during and at the end of research), and often an oral examination of some kind. The formal taught component of doctorate degree at SSCIT, typically consists of graduate-level courses in the subject in question, as well as training in research methodology.

Doctorate degrees at SSCIT strictly meet criteria of HEC and important respective international standard setting bodies (depending on the research area). SSCIT ensures that doctorate supervisors at SSCIT not only hold excellent academic standing but are equivalently inlined with industrial requirements, practices and needs.

It is aimed at SSCIT that all doctorate students experience real feel of exciting research environment. All students' work is subjected to extremely thorough academic and administrative scrutiny. All research work is quality assured and most importantly focus is deeply laid on outclass intellectual contribution. It would not be wrong to say that doctorate program at SSCIT is as intense and reputed as doctorate program in any other quality institution across the globe.

CURRENT PH.D. POLICY

1. Policy References

The PhD students admitted after August 2005 will be required to meet all the requirements listed in HEC latest policy dated January, 2010. For all the students admitted between Spring 2008 & Fall 2010 maximum time period for PhD is 5 years, while for the students admitted between Fall 2010 & Fall 2012 the maximum time period for full time PhD student is 4 years and for part time students is 5 years. Since Spring 2013 the maximum time period for full time PhD student is 4 years and for part time students is 6 years. The milestones have therefore, been revised accordingly.

2. GAT (Subject)

All new entrants from Spring 2010 are required to qualify the GAT- Subj, CE students require minimum 60% marks in NTS GAT- Subj (CE) and EM Students require minimum 70% in EM deptt (GAT-Subj) prior to admission.

All continuing students admitted after August 2005 will be required to meet the above part 'a' requirement before submission of PhD Dissertation.

3. Course Work

All PhD students should complete 18 credit hours of mandatory PhD level course work before appearing for DQE (Part I) Exam.

The student can get 70% concession in the tuition fee after completing 18 credit hours in CE Dept & 30 credit hours in EM Dept.

4. Doctoral Qualifying Examination

DQE (part I & II) can be taken only after completion of 18 credit hours of PhD level course work.

DQE (part I & II) must be completed within 2 years and there will be maximum two chances for qualifying each.

CURRENT PH.D. POLICY

5. Research Hours Registration

- Registration for Research Credit is allowed only after qualifying DQE II.
- Students will register for 3 credit hour of research up to proposal defense and from then onward up to 6 credit hours till pre-final defense. However 4 years category students may register once 6 credit hours before proposal defense.
- After completing 30 credit hours of Research, the students will be required to continue registering for 3 credit hour till the Final defense, by paying only the registration fee (provided the student applies in writing for tuition fee waiver and the application is endorsed by the advisor & head of department).

6. Proposal Defense /Pre-Final Defense/Final Defense

- RMC should be formed four months before the proposal defense.
- Maximum allowed time for successful completion of proposal defense is 2 years & 9 months for four years students, 3 years & 8 months for five years students and 4 years & 8 months for six years students.
- Maximum allowed time for pre-final defense is 3 years & 9 months for four years students, 4 years & 8 months for five years students and 5 years & 8 months for six years students.
- Minimum required time between Proposal Defense & Final Defense is 1 year.
- At the time of topic approval and pre final defense the students must include the latest sufficient references relevant to their research topic.
- Pre – final defense will include:
 1. Student formal presentation of work to RMC including a slide containing the list of 6 most relevant references to PhD Research.
 2. Certificate of approval of Thesis acceptance by RMC.
 3. Thesis plagiarism check certificate by student/supervisor. Research scholar and supervisor will not be allowed to approach the foreign evaluators at any stage.
 4. At the time of topic approval and pre final defense the student must include the latest sufficient references relevant to the research topic.
- Approval of suitability of two foreign Evaluators for thesis evaluation.
- Final defense must be completed within maximum allocated time of 4/5/6 years which ever is applicable.

PUBLICATION OF PAPER(S) AFTER PROPOSAL DEFENSE

Students admitted till Fall 2012: One publication in Journal of International Repute from the list of HEC recognized Journals.

Students admitted since Spring 2013:

- Full Time PhD students: Two research papers in HEC approved journals in which atleast one has impact factor.
- Part Time PhD students: One publication in Journal of International Repute from the list of HEC impact factor recognized Journals.

PREVIOUS PHD POLICIES

Total Time Period

- Five Years – for part time students.
- Four Years – for full time students.

Revised Milestones

- For Five years category: All the milestones will be applicable as per the previous PhD policy.
- For Four years category: Following milestones will be applicable:
- Policy (Para 4-a): DQE - I & II must be completed within 1 years and 9 months time period.
- Policy (Para 6-b): Proposal Defense must be completed within 2 years and 8 months time period.
- Policy (Para 6-c): Pre Final Defense must be completed within 3 years and 7 months time period.
- Policy (Para 6-f): Final Defense must be completed within 4 years time period.

PhD Policy para (4) is revised as follows:

After the completion of 18 credit hours of PhD level course work, the scholar will take the PhD qualifying comprehensive test, consisting of following two parts:

- DQE-I: Written test comprising of core area of studies.
- DQE-II: Oral presentation on the core area of research. The main theme of the oral presentation is the literature review in the area of research to demonstrate that the scholar is fully aware of the current research already done in this area.

PHD POLICY

The following policy is applicable for both the Computer Engineering and Engineering Management programs.

Policy References

The Ph.D. students admitted after August 2005 will be required to meet all the requirements listed in HEC latest policy dated January, 2010. Also for all the students admitted after May 2006 the minimum & maximum time period for Ph.D. is 3 years & 5 years respectively. The milestones have therefore, been revised accordingly.

GAT (Subject)

- To Qualify the GAT- Subj, CE Students require minimum 60% marks in NTS GAT- Subj (CE) and EM Students require minimum 70% in EM deptt (GAT-Subj).
- All new entrants from Spring 2010 onwards will be required to qualify GAT (Subject) prior to admission.
- All continuing students admitted after August 2005 will be required to qualify GAT (Subject) before submission of Ph.D. Dissertation.

Course Work

- All PhD students should complete 18 credit hours of PhD level course work after completion of Masters Degree & before appearing for DQE II Exam.
- Mandatory course work requirement for CE Students is 18 credit hours while for EM Students it is 30 credit hours.
- After completing the course work requirement, the PhD student can take additional courses with the concession of 70% of the tuition fee.

Doctoral Qualifying Examination

- DQE - I & II must be completed within 2 years time. There will be maximum 2 chances for qualifying each.
- DQE -I can be taken any time during the allowed time limit, however DQE - II must be taken after completion of 18 credit hours of course work.

Research Hours Registration

- Total requirement for PhD is 30 credit hours of satisfactory graded Research work.
- Registration for Research Credit is allowed only after qualifying DQE II.
- In general students are expected to register for 3 credit hour of research up to proposal defense and from then onward 3 to 6 credit hours till pre-final defense.
- After completing 30 credit hours of Research, the students will be required to continue registering for 3 credit hour till the Final defense, by paying only the registration fee, provided he/she applies in writing for tuition fee waiver and the application is endorsed by his/her Advisor.

PHD POLICY

Proposal Defense /Pre-Final Defense/Final Defense

- RMC should be formed within six months of passing DQE - II.
- Maximum allowed time for successful completion of proposal defense is 3 years & 6 months from the date of Ph.D. admission
- .Maximum allowed time for pre-final defense is 4 years & 6 months from the date of Ph.D.admission.
- Minimum required time between Proposal Defense & Final Defense is 1 year.
- Pre – final defense will include:
 - 1.Student formal presentation of work to RMC.
 - 2.Certificate of approval of Thesis acceptance by RMC.
 - 3.Thesis plagiarism check certificate by student/supervisor.
 - 4.Publication of one paper in ISI indexed HEC approved Journal.
 - 5.Approval of suitability of two foreign Evaluators for thesis evaluation.
- Final defense must be completed within 5 years time.