

दिल्ली प्रौद्योगिकी विश्वविद्यालय Delhi Technological University

Bawana Road, Delhi –110042

(Estd. by Govt. of NCT of Delhi vide Act 6 of 2009)



DOCTOR OF PHILOSOPHY (Ph.D.) ORDINANCE

2025

(Effective from Academic
Year 2025-2026)





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Ph.D. ORDINANCE & REGULATIONS

(with effect from 2026-27)

The ordinances and regulations shall apply to all programmes leading to

Degree of Doctor of Philosophy of Delhi Technological University

This Ordinance of Delhi Technological University (DTU) shall be known as Doctor of Philosophy (Ph.D.) Ordinance 2025, and shall come into effect from the date of its approval by the Board of Management of DTU in exercise of its powers conferred under sub-section (1) of section 23 of the DTU Act, 2009 (Delhi Act 6 of 2009). The earlier versions of Ph.D. ordinance were issued in 2009, followed by the next in 2016 and then in 2019. The PhD degree of DTU shall be conferred upon the candidates who fulfil the requirements as specified in this ordinance.

1. DEFINITIONS

- i. “Applicant” shall mean an individual who applies for admission to the Ph.D. programme of DTU on the prescribed application form.
- ii. “Adjunct Faculty/ reemployment/ Emeritus/ honorary” means a part-time or contingent instructor, but not a full-time faculty member hired to teach by a Higher Educational Institution.
- iii. “Admission Chairperson” shall mean a regular faculty member appointed by the Vice-Chancellor to supervise and conduct the admissions to Ph.D. program and register the applicant.
- iv. “Approved Research Centre” shall mean a research laboratory/research centre /R&D organization/Academic Institute/School of Studies/Centre for Research/ Centre for advanced studies and research/Industry/Government Department/Public Sector Undertakings approved as a research centre by the University for carrying out wholly/partly research work leading to the degree of Doctor of Philosophy of the University.
- v. “Caretaker Supervisor” shall mean a member of the academic staff appointed to look after the Student/Scholar’s research interests in the absence of the Supervisor.
- vi. “Controller of Examination (CoE)” shall mean a person responsible for managing the examination process at the university. This includes overseeing the conduct of exams, coordinating the evaluation process, and preparing results.
- vii. “Course Work” shall mean courses of study prescribed by the Department in consultation with the supervisor to be undertaken by a student registered for the Ph.D. Degree.
- viii. “Credit” shall mean the number of hours of instruction required per week over the duration of a semester. A three-credit course in a semester consists of three one-hour lectures per week, with each lecture counted as one credit.

- ix. "Credit transfer committee" shall mean a committee responsible for evaluating and approving the transfer of credits earned at any other institution/ University to DTU or vice versa.
- x. "Cumulative Grade Point Average (CGPA)" shall mean a measure of the overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters, and the sum of the total credits of all courses in all semesters. It is expressed up to two decimal places.
- xi. "Dean-PG" shall mean the Dean, Academics (Post Graduate Studies).
- xii. "Degree" shall mean the Degree of Doctor of Philosophy (Ph.D.) of DTU.
- xiii. "DRC/ CRC" shall mean Departmental/ Centre Research Committee.
- xiv. "Educational Institutions" shall mean those institutions/ colleges which offer a Bachelor's degree or higher.
- xv. "External examiner" shall mean an academician/researcher/industry person with published research work who is not part of the Higher Educational Institution where the Ph.D. Student/ Scholar has registered for the Ph.D. programme.
- xvi. (xvi) "Foreign Educational Institution" shall mean (i) an institution duly established or incorporated in its home country and offering educational programmes at the undergraduate, postgraduate and higher levels in its home country and (ii) which offers programme(s) of study leading to the award of a degree through conventional face-to-face mode, but excluding distance, online, Open and Distance Learning (ODL) mode.
- xvii. (xvii) "Full-Time Research Student/ Scholar" shall mean a person registered for the Ph.D. Degree requires full-time devotion to completing the degree requirements and shall not have taken any separate assignment/ employment.
- xviii. (xviii) "Full-Time Sponsored Research Student/Scholar" shall mean a person sponsored by Government/Semi-Government Organizations/Private Funded research/ Public sector undertaking, Educational Institution, or a reputed industry, etc. Such a candidate shall receive fellowship/salary and allowances as admissible from the sponsoring organization/employer.
- xix. "Grade Point" shall mean a numerical weight allotted to each letter grade on a 10-point scale.
- xx. "HVC" shall mean Honourable Vice Chancellor of DTU.
- xxi. "IWP" shall mean Industry Working Professionals.
- xxii. "Joint Supervisor" shall mean an additional supervisor approved by the Competent Authority on the recommendation of DRC/ CRC to guide the student jointly with the supervisor in the accomplishment of the research work of the student.
- xxiii. "Minimum Registration Period" shall mean the minimum period for which a student must be registered prior to submission of the thesis.
- xxiv. "Part-Time Research Student/Scholar" shall mean a working professional who

is registered for the Ph.D. degree and will devote part of his time towards this pursuit and part of his time towards the discharge of his official obligations.

- xxv. "Ph. D. Coordinator" shall mean a regular faculty member of DTU appointed by HVC to coordinate the admissions to Ph.D. program at the department level.
- xxvi. "Plagiarism" shall mean the practice of taking someone else's work or idea and passing it as one's own.
- xxvii. "Re-registration" shall mean registration of a student after expiry of Ph.D. completion duration as per R.9.
- xxviii. "Research Plan" shall mean a brief write-up giving an outline of the proposed research work, which the Ph.D. Student/Scholar shall submit at the time of SRC.
- xxix. "Research Proposal" shall mean a brief write-up giving an outline of the proposed research work which the applicant shall bring at the time of interview for admission to Ph.D. programme, wherever applicable.
- xxx. "Entrance test/ DTU Admission test" shall mean a test conducted by the university for shortlisting candidates for interview for Ph.D. admissions.
- xxxi. "Sponsored Research Student/Scholar" shall mean a research student/Scholar who shall receive fellowship/salary and allowances as admissible from the sponsoring organization/employer.
- xxxii. "SRC" shall mean Student Research Committee.
- xxxiii. "Student/Scholar" shall mean a person registered for the Ph.D. degree.

xxxiv. "Supervisor" shall mean a member of the academic staff of DTU who, on the recommendation of DRC/CRC guides/supervises the research student/scholar towards his/her Ph.D. work.

xxxv. "University" shall mean Delhi Technological University, Delhi.

Note: 'He' and 'His' imply 'he'/'she' and 'his'/'her' respectively.

2. ORDINANCE FOR Ph.D. DEGREE PROGRAMME

The program leading to a degree of Doctor of Philosophy shall be conducted through the Departments/Centres/School of Studies of the University.

- a. The minimum entry qualifications for admission to the Ph.D. programme shall be a Master's Degree in Engineering/ Technology/ Science/ Humanities/ Management and Social Sciences or any other equivalent qualification/relevant subject recognised by the University.
- b. The minimum entry qualifications for admission to the Ph.D. programme and percentage of marks/cumulative grade point average (CGPA) are laid down in the Regulations R.1.
- c. A student shall be required to earn a prescribed minimum "B" Grade in each course registered to carry out his research work at the Delhi Technological University, under the guidance of approved supervisor(s). In special circumstances, a full-time or part-time student may be permitted by the Academic Council of the University to carry out part of his research outside the Delhi Technological University in a reputed Educational Institution/ Organization, provided

adequate research facilities are available there to the satisfaction of the University.

- d. A student will be required to complete all requirements for the award of the degree within a period specified in the Regulations.
- e. The date of registration shall be the date on which a student joins the department. However, his Ph.D. admission will be confirmed after successful completion of coursework, comprehensive examination and approval of the research plan by SRC. It will be mandatory for a student to register in each semester on the prescribed form published by the University.
- f. For a student to become eligible for the degree, he/she shall have to satisfy the requirements laid down in the Regulations and be accepted by the Academic Council on the recommendation of the respective DRC/CRC.
- g. A full-time research student may be allowed by the Dean PG on recommendations of the respective DRC/CRC to convert his registration into part-time, after completing three semesters or after completion of coursework and comprehensive examination, whichever is later, if they gets employed in the meantime, for which he has informed the Dean PG through DRC/ CRC Chairperson.
- h. If a student withdraws from his PhD programme or his registration is terminated, his student status shall cease. If such a student is re-admitted, he may be given weightage to the credits acquired during the previous registration on the recommendation of the DRC/ CRC, except in the case of termination on disciplinary grounds.

- i. The award of the Ph.D. Degree to a successful student shall be made in accordance with the Regulations of the Delhi Technological University.

3. REGULATIONS

The following regulations shall apply to all students/Scholars pursuing a course of study and research leading to Ph.D. degree from DTU.

R.1. Admission Eligibility

R.1.1 An applicant with 1-Year/2-semester master's degree programme after a 4-Year/8-Semester bachelor's degree programme or a 2-Year/4-semester master's degree programme after a 3-Year/6-semester bachelor's degree programme or qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed shall be eligible to apply for admission to a Ph.D. programme of the University.

Or

An applicant with 2-Year/4-semester master's degree programme after 4-Year/8-semester bachelor's degree programme with a minimum of 55% marks in aggregate or its equivalent grade on a point scale, wherever the grading system is followed, shall be eligible to apply for admission to a Ph.D. programme of the University.

Or

An applicant with 4-Year/8-semester bachelor's degree programme with a minimum of 75% marks in aggregate or its equivalent grade on a point scale, wherever the grading system is followed, shall be

eligible to apply for admission to a Ph.D. programme of the University.

Or

An applicant with an M.Phil. programme with at least 55% marks in aggregate or its equivalent grade in a point scale, wherever the grading system is followed, shall be eligible to apply for admission to a Ph.D. programme of the University.

In all the above cases, an equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized, or authorized by an authority, established, or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institutions will also be allowed.

A relaxation of 5% marks or its equivalent grade in the minimum educational qualification may be allowed for those belonging to SC/ST/OBC (non-creamy layer, NCL)/Differently-Abled, Economically Weaker Section (EWS), and other categories of students as per the decision of the Commission from time to time.

R.1.2 Part-Time applicants will be eligible under the following categories:

- i. Candidates from organizations having an MoU with DTU
- ii. Organizations with R&D Labs of National repute
- iii. Regular faculty/Teaching cum Research Fellow or Scientists from Educational Institutions, R&D Organizations, Government Departments/ Government Undertakings/Public Sector Undertakings, etc.

- iv. (Candidates from industry with a standing commitment to the exemplary standards, namely ISO/CMM or similar standard of the respective area;

provided that,

- a. the applicant possesses the minimum entry qualifications for the degree as given in R.1.1
- b. the applicant is in a position to complete mandatory course requirements along with regular counterparts.
- c. the applicant proves to the satisfaction of the University that his official duties permit him to devote sufficient time to research; facilities for research are available at the applicant's place of work in the chosen field of research, or the applicant can spare sufficient time to pursue research in the Department of DTU.

R.1.3 Project staff under projects, sponsored by any government/semi-government agency, industry or centres established from grant-in-aid from government or international agencies at DTU may be given administrative clearance to seek admission on a full-time/part-time basis, subject to recommendations of the concerned Principal Investigator of the said project/centre and approval of the HVC. However, he/she must fulfil the eligibility criteria as per R.1.1. No relaxation will be given in the entrance test.

R.1.4 Permanent staff of DTU (including the academic staff of erstwhile Delhi College of Engineering) may be given administrative clearance to seek registration on a part-time basis, subject to recommendations of the concerned head of the department and approval of the HVC. However, the applicant must fulfil the eligibility criteria as per R.1.1. No relaxation will be given in the entrance test, except for the cases covered under R.3.1(c)

R.1.5 Industry/working professionals will be eligible under two categories:

- i. Engineering/ Technology
- ii. Science/ Management/ Humanities/ Entrepreneurship

R.2 Reservation/Relaxation

R.2.1 Reservation of seats for applicants in each of the categories of the research scholars shall be in accordance with the policies of the Govt. of NCT of Delhi. A total of three percent seats over and above the sanctioned strength will be reserved for physically handicapped applicants in all the Ph.D. programmes of the University put together.

R.2.2 Physically handicapped applicants may be permitted 5% marks or equivalent CGPA relaxation in the eligibility requirement in line with the policies of the Govt. of NCT of Delhi. They will not be allowed any other relaxation beyond this limit, even if they belong to the SC/ST category.

R.3 Procedure for admission

R.3.1 Admission to the Ph.D. Programme shall be made using the following methods:

- a. The shortlisting of applications for the purpose of the Entrance Test & the Interview will be done by the respective departments in consultation with the Ph.D. Coordinator nominated by HVC.
- b. The paper setting and printing (if required) shall be coordinated by a person authorized by the HVC. The entrance test syllabus shall consist of 50% Research Methodology and 50% subject-specific content.
- c. Entrance test shall be waived for UGC/ CSIR/DST/JRF Fellowship holders, GATE/ CEED/NET qualified, foreign students who apply through MHRD (MOE, Ministry

of Education), foreign students under the cultural exchange Scholarship programme (ICCR), Govt. of India. Moreover, HVC may accord exemption from the entrance test to the Academic/ Non-Teaching staff of DTU, the officers of the Govt. of India/Govt. of NCT of Delhi, Industry/working professionals, considering the merit of each case.

- d. The entrance test shall be conducted by CoE in consultation with Dean-PG and the chairperson of the admission committee. Students who have secured 50% or more marks in the entrance test are eligible to be called for the interview. A relaxation of 5% marks will be allowed in the entrance examination for the candidates belonging to SC/ST/ OBC-NCL/differently-abled category, Economically Weaker Section (EWS), and other categories of candidates as per the decision of the Commission from time to time. The university may decide the number of eligible students to be called for an interview based on the number of Ph.D. seats available.
- e. The interview shall be conducted by the respective Departmental/Centre Research Committee (DRC/CRC) in coordination with the Departmental/ Centre Ph.D. Coordinator nominated by the HVC and Dean PG. A merit list will be prepared by the result preparation committee nominated by HVC, based on a weightage of 70% for the entrance test and 30% for the performance in the interview.
- f. Admissions may be made biannually, i.e. once in the summer session and once in the winter session of the academic year, and accordingly registration may be made at the beginning of each semester.

R.4 Admission categories

R.4.1 The applicants for admission to the Ph.D. programme shall be classified under any one of the following categories:

- a. University Research student (Full Time with or without Scholarship)
- b. Sponsored Research student fully financed by the Govt./Semi- Government Organizations, Public Sector Undertaking, Educational Institution or a reputed industry, etc. (Full-time).
- c. Sponsored Research student nominated by an organization having an MOU with the University, foreign students who apply through the Ministry of Human Resource Development or under a Cultural Exchange Scholarship Programme by the Government of India (Full-time).
- d. Part-Time Research student as per R.1.2.

R.5 Registration

R.5.1 Every student will be required to renew the registration every semester till the submission of the thesis. The renewal of registration in every semester shall be subject to completion of a specified number of credits/courses and/or satisfactory progress in his research work as recommended by the DRC/CRC.

R.5.2 A student who fails to register or renew his registration, as the case may be, will cease to be a student from the last date of registration.

R.6 Course Work: Credits requirements, number, duration, syllabus, minimum standards for completion.

R.6.1 Each student will be required to take coursework in consultation with his/her supervisor.

R.6.2 The Credit requirement for the Ph.D. coursework is 12 for NHEQF level 7, 14 for NHEQF level 6.5 and 16 for NHEQF level 6. The courses must include a “Research and Publication Ethics” course as notified by UGC vide D.O. No. F.1-1/2018 (Journal/CARE) in 2019 and a Research Methodology course. The DRC/CRC can also recommend UGC recognized online courses for partial/ Full credit requirements for the Ph.D. programme.

R.6.3 All Ph.D. students, irrespective of discipline, shall be required to train in teaching/education/pedagogy/writing related to their chosen Ph.D. subject during their doctoral period. Students may also be assigned 6-8 hours per week of teaching/ research assistantship for conducting tutorial or laboratory work and evaluations.

R.6.4 All courses prescribed for Ph.D. coursework shall be in conformity with the credit hour instructional requirement and shall specify content, instructional, and assessment methods duly approved by the Academic Council.

R.6.5 All candidates admitted to Ph.D. programmes shall be required to complete the coursework prescribed by the department within the first three semesters.

R.6.6 A requirement of a minimum “B” Grade in each course registered would be mandatory for the award of Ph.D. Degree. If the Grade obtained by a student in a course is less than B, then he/she must repeat that course or take up additional courses to obtain a minimum B Grade. However, he/she will have to complete the coursework within three semesters; otherwise, registration will be terminated.

R.6.7 In case of re-registration for Ph.D. program, the Academic Council may

consider giving credit to the courses already completed/passed by a candidate at this University as a part of his earlier Ph.D. registration, except in cases where the candidate has changed his area of research/department.

R6.8 Credit Transfer

- i. As per the recommendation of the credit transfer committee
- ii. The relevance of the coursework to the research field in DTU shall be checked by the DRC/CRC.
- iii. In case a Ph.D. student readmitted by means of a fresh admission process or re-registration in DTU for his/her Ph.D. after discontinuation in the same department, his/her coursework credit obtained in DTU during previous tenure may be considered 100%. In case of change in department, credit transfer shall be as per R.6.8(i)

R.7 Thesis Supervisor(s)

R.7.1 Every admitted student shall be assigned Supervisor(s) by the Dean PG on the recommendations of the concerned DRC/CRC, taking into consideration the preference of the student and the area of research the student has applied for and of the prospective supervisor. The allocation of a supervisor shall not be decided by an individual student or faculty member. However, if the student has some published research work with a particular faculty member and the student wishes to continue in the same research area under supervision of same faculty member, the particular faculty member in this case may be allocated as supervisor to the student, subject to condition that total number of students registered, including full-

time and part-time, under a supervisor do not exceed eight for a Professor, six for Associate Professor, and four for Assistant Professor. A student registered under a Joint Supervisor will be counted as half.

R.7.2 A Supervisor shall be any full-time academic staff of the University (including the academic staff of erstwhile Delhi College of Engineering), including Scientific/Design staff of the University with a Ph.D. degree. No person who is registered for a Ph.D. degree at this University or any other Institution would qualify to act as a supervisor. The mandatory eligibility conditions for a supervisor:

- a. a. A valid Ph.D. degree from a recognized University/Institution.
- b. Actively engaged in research and has published at least five research papers in refereed national/international journals of the concerned subject area.
- c. Up to eight (for Professor), or six (for Associate Professor), or four (for Assistant Professor) registered research students in the University. A candidate registered under joint supervision will be counted as half for this purpose.
- d. All eligible faculty members of DTU shall get two additional supernumerary Ph.D. seat for foreign students. However, if they want to take/guide more than two students, then such additional student(s) will be considered under the existing prescribed quota.
- e. The Ph.D. slot of the supervisor will be counted from the date of admission of the concerned student. Once a student submits his/her Ph.D. thesis, it will be presumed that a slot vacancy has been created and is available for admission

of a fresh research student under that supervisor.

- f. If a faculty is supervising any research student as a Joint-Supervisor of any other University/Institution, that will be counted over and above towards the slot quota of the Supervisor. A faculty can jointly supervise at most 02 Ph.D. students who are not registered in DTU.
- g. Adjunct Faculty members shall not act as Supervisor(s) and can only act as Joint-Supervisor(s).
- h. In case of relocation of a female Ph.D. student due to marriage or otherwise, the research data shall be allowed to be transferred to the Higher Educational Institution to which the student intends to relocate, provided all the other conditions in these Regulations are followed, and the research work does not pertain to a project sanctioned to the parent Institutions/Supervisor by any funding agency. Such a student shall, however, give due credit to the parent institution and the supervisor for the part of the research that has already been undertaken. In this case, the parent supervisor may be included as Joint-supervisor or Co-supervisor.

R.7.3 The Supervisor(s) shall be appointed during the first semester.

R.7.4 The Dean-PG, on the recommendations of the DRC/CRC, may appoint Joint-Supervisor(s) not exceeding a total of three supervisors to supervise a student. These may be from inside or outside the University, and normally, there should not be more than two supervisors from the University. The eligibility for appointment of joint-supervisor(s) shall also meet the mandatory requirement listed

in R.7.2(a)-(g). Appointment of any joint-supervisor(s) would not be made after a lapse of 18 calendar months from the date of admission of the student, except when none of the supervisors is in the University for a period of a year or more at a stretch.

R.7.5 Appointment of Supervisors/Joint-Supervisors and Caretaker-Supervisor for Ph.D. students: An academic staff appointed as a Ph.D. supervisor is normally expected to be available to a research student in the University till the viva-voce of his doctoral thesis work. However, under unavoidable circumstances, such as long leave of more than 12 months, resignation, retirement, or death, a supervisor may not be available to the student. In such special cases, appointment of supervisor(s) will be regulated as under:

i. A supervisor proceeding on leave or on lien of more than 12 months

- (a) (i) Where a joint supervisor exists, the supervisor proceeding on long leave for more than 12 months can continue to be a joint supervisor provided the DRC/CRC is convinced of effective supervision by the joint supervisor.
- (ii) Where a Joint-Supervisor does not exist, a Joint-Supervisor may be appointed by the DRC/CRC in cases where a student has not yet submitted their synopsis.
- (b) (i) 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.
- (ii) 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.

(iii) 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 carry out the major revisions within a reasonable time. In case the sole supervisor expresses their inability due to one reason or another, the caretaker supervisor, if they provide the required help in carrying out the major revision, will automatically be treated as the Joint-Supervisor of that student.

(c) Further, if a supervisor proceeds on leave for a period less than 12 months initially, but later extends his leave beyond 12 months, the above procedure will be followed.

ii. **A supervisor retires**

Faculty members with less than three years of service before superannuation shall not be allowed to take new research students under their supervision. However, such faculty members can continue to supervise students who are already registered until superannuation and as a Joint-supervisor after superannuation, but not after attaining the age of 70 years.

In other cases, a faculty member on retirement may continue, but not after attaining the age of 70 years, as-

(a) a supervisor, if his term is extended or he is reemployed or appointed or he is appointed as Emeritus Fellow/ Adjunct Professor/Honorary Professor;

(b) a supervisor, if the synopsis of the thesis or thesis has been submitted. Appointment of Joint Supervisor, if necessary, will be as per R.7.5 I(a); and caretaker Supervisor as per R.7.5 I(b).

(c) a supervisor, if the synopsis of the thesis or thesis is submitted within 12 months of his retirement. Appointment of Joint Supervisor, if necessary, will be as per R.7.5 I (a); and caretaker Supervisor as per R.7.5 I (b).

iii. **A supervisor resigns**

A faculty member who resigns from the services of the University may continue as

(a) a Supervisor, if the synopsis of the thesis or thesis has been submitted. Appointment of Joint Supervisor, if necessary, will be as per R.7.5 I (a); and caretaker Supervisor as per R.7.5 I (b).

(b) a Supervisor, if the synopsis of the thesis or thesis is submitted within 12 months of his resignation. Appointment of Joint Supervisor, if necessary, will be as per R.7.5 I(a); and caretaker Supervisor as per R.7.5 I (b).

(c) a Joint-Supervisor can continue to be the Joint-Supervisor till the DRC/ CRC is convinced of his availability/ continued guidance to the student.

In other cases, a new Supervisor will be appointed, if necessary.

iv. **A Supervisor expires**

A new supervisor will be appointed, if necessary, on the recommendation of DRC/CRC.

R.8 Composition of DRC/CRC and SRC

R.8.1 The minimum members in any DRC/CRC will be five, including at least two academic staff at the level of professors. In case any department fails to have the required number, or the number of professors is less than two, a joint DRC/CRC shall be constituted by the HVC with other departments having the closest affiliation. The members of the DRC/CRC shall satisfy the eligibility requirements in R.7.2 and shall be constituted by HVC on the recommendation of Dean-PG. The composition of the DRC/CRC will be as follows:

- a. Chairperson DRC/CRC.
- b. Head of the concerned Department (if he is not the DRC/CRC Chairperson).
- c. Professors of the concerned Department(s), a maximum of up to four, appointed by HVC for a tenure of two years in rotation.
- d. Two Associate Professors of the Department(s), appointed by HVC for tenure of two years in rotation.
- e. Two Assistant Professors of the Department(s), appointed by HVC for tenure of two years in rotation.
- f. Two outside experts nominated by the HVC in consultation with the Dean-PG from the panel suggested by the concerned HOD(s).
- g. Supervisor(s) only in the cases where the progress report of the concerned student shall be discussed.

R.8.2 The Composition of SRC will be as follows:

Chairperson, DRC/CRC or his nominee.

One expert in the field from the Department/ Centre.

One Institute faculty expert, preferably in the concerned area, from outside the Department/Centre to which the student belongs.

Supervisor(s).

Experts at (b) and (c) above will be nominated by DRC/CRC from amongst those proposed by Supervisor(s).

R.8.3 Activities of DRC/CRC and SRC

DRC/CRC of the department(s)/ Centres shall extend support to Dean-PG in activities related to admissions, appointment of supervisor(s), prescribing the area of research, recommendations for members of SRC, recommendation of a panel of experts to HVC through Dean-PG, act on any other activity not assigned to SRC, assign other activities to SRC for monitoring the progress of the research student(s)/Scholar(s).

SRC of the Student/Scholar shall conduct Comprehensive Examination, examine/ modify/fine tune and approve the Research Plan, monitor the progress of the student/ scholar in each semester, submit the observation on progress report to DRC/ CRC chairperson in each semester, conduct Pre-Ph.D.-Seminar, recommend a panel of examiners for the student to Dean-PG for appointment of examiners by HVC.

R.9 Comprehensive Examination

R9.1 Each student will be required to take a comprehensive examination, which will test students' comprehension of their broad field of research and their academic preparation and potential to carry out the proposed research plan. The comprehensive examination (of 100 marks) will be a combination of written

(60 marks) and oral presentation (40 marks) and will be conducted before the evaluation of the research plan. The examination will be conducted by a committee called Student's Research Committee (SRC). The Question paper for the written examination may be set by one or more of the members of the SRC.

The following procedures will be uniformly followed by all the Departments in conducting the comprehensive examination for research students:

- a. A student should first clear the requisite Ph.D. coursework.
- b. The written examination should then be conducted by the SRC of the department within the guidelines laid down by the respective DRC/CRC.
- c. After the student has passed the written examination (36 marks out of 60 marks, i.e. 60%), the oral presentation should be conducted by the SRC of the student within the broad guidelines laid down by the respective DRC/CRC.
- d. A student is required to score a minimum of 60% marks in the comprehensive examination (individually in written and oral) to pass the examination.

R.9.2 The SRC, based on the performance of the student in the examination, will make one of the following recommendations:

- i. Pass
- ii. To reappear in the examination after a defined period of time specified by SRC.
- iii. Fail

Research Plan

- i. Recommended for Approval
- ii. Not Recommended for Approval and to

re-submit the research plan, keeping in view the suggestions of the Committee, and to be evaluated after a defined period of time.

R.9.3 A student will be provided a maximum of two attempts, with a minimum gap of two months, to pass the comprehensive examination.

R.9.4 Student must complete the comprehensive examination and approval of their research plans within two years for full-time, and two and a half years for part-time, from the date of joining the programme, failing which their registration will be cancelled.

R.10 Performance Monitoring

R. 10.1 The research progress of each student will be monitored by SRC. For this purpose, each student will be asked to submit a progress report at the end of each semester to his supervisor(s). On receipt of the progress report, the supervisor(s) shall arrange progress report presentation with SRC for a review.

R. 10.2 The progress report of a student will be submitted to the DRC/CRC by the concerned supervisor in prescribed format, duly recommended by SRC and HoD.

R. 10.3 The DRC/CRC will evaluate the progress report of the student every semester.

R. 10.4 A satisfactory report is to be awarded during that semester if the progress is 'satisfactory'.

R. 10.5 a. If the progress is 'unsatisfactory', the report must indicate Unsatisfactory Progress' and must include appropriate action taken in this regard.

b. For the first appearance of 'Unsatisfactory

Progress' report, a warning should be issued to the student by the DRC/CRC Chairperson under intimation to Dean-PG.

- c. If there are two consecutive 'Unsatisfactory Progress' reports, a written explanation shall be sought from the student by the DRC/CRC Chairperson through his supervisor and the admission may be terminated.

R. 10.6 Submission of the progress report should continue till the submission of the thesis.

R. 10.7 The DRC/CRC shall send a copy of the progress reports to Dean-PG for all the students in a timely manner.

R. 10.8 The academic calendar will include the following dates for the submission of progress reports.

For Odd semester: 30th November

For Even semester: 31st May

In exceptional cases, Dean-PG, with the approval of the HVC, may condone the delay in submission of the progress report up to one month.

R.11 Time period requirement for synopsis/ thesis submission

R.11.1 Ph.D. Programme shall be for a minimum duration of three (3) years, including coursework, and a maximum duration of six (6) years from the date of admission to the Ph.D. programme.

R.11.2 A maximum of an additional two (2) years can be given by the HVC on the recommendation of SRC/DRC/CRC and Dean-PG; however, the total period for completion of a Ph.D. programme should not exceed eight (8) years from the date of

admission in the Ph.D. programme.

R.11.3 Provided further that, female students, and Persons with Disabilities (having more than 40% disability) may be allowed an additional relaxation of two (2) years; however, the total period for completion of a Ph.D. programme in such cases should not exceed ten (10) years from the date of admission in the Ph.D. programme.

R.12 Synopsis

R.12.1 Holding of Pre-Ph.D. open seminar before the SRC and DRC/CRC is an essential requirement prior to the student submitting his/her synopsis, provided that the student has presented poster/oral in two international conferences and published/accepted two publications, as prescribed in regulation R.14.2 (iii). The student shall submit synopsis through supervisor(s) and present his/her work before the SRC and DRC/CRC. After the approval of the synopsis by SRC/DRC/CRC, the DRC/CRC Chairperson will forward the synopsis with its recommendations to the Dean-PG. A panel of at least ten experts in the area would be suggested by the Supervisor(s) and recommended by DRC/CRC while forwarding the title and synopsis of the thesis. The panel so recommended would include examiners from within and outside India.

R. 12.2 The student shall be required to submit a fresh synopsis if he fails to submit his thesis within 6 months of the submission of the earlier synopsis. However, in case a student fails to submit his thesis within the stipulated time and has suitable justification for the same, the Dean-PG, may, on recommendations made by the DRC/CRC and on individual merits of each case, grant him extension in time by not more than 04 months i.e. the student may be

allowed to submit his thesis within a period not exceeding 10 months from the date of the submission of the synopsis. After the expiry of 10 months, a fresh synopsis will be submitted, and the Pre-Ph.D. seminar will be conducted again.

R.13 Panel of Examiners

On receipt of the title, synopsis of the thesis, and panel of examiners from DRC/CRC, the Dean-PG will recommend the same to the HVC, who, in turn, shall appoint the examiners for the Ph.D. thesis evaluation. The HVC, in consultation with the Dean-PG, can add any other examiner, in addition to the panel recommended by SRC/DRC/CRC. The examiners will consist of internal examiners, normally the Supervisor(s), and two external examiners. Wherever possible, one of the external examiners should be chosen from outside India. A person working in the same laboratory/Institution where a research student is employed cannot be appointed as an external examiner for evaluating the thesis of that research student. Further, no person can be appointed as an external examiner from a laboratory/Institution to which the joint supervisor(s) of the research student belong. The reports from the examiners will provide evidence of the student's capacity for analysis as well as their investigations, design, or development. No member of SRC/DRC/CRC can be an examiner.

R. 14 Thesis Submission

R.14.1 The thesis shall be written in English in the specific format and shall contain a critical account of the student's research. To write in any other language or bilingual, prior approval from the Dean-PG shall be taken on the recommendation of the SRC/DRC after pre-Ph.D. seminar. The thesis should be characterized by discovery of facts or fresh

approach towards interpretation of facts and theories, or significant original contribution to knowledge of development or a combination of these. It should bear evidence of the student's capacity for analysis and judgment as well as his ability to carry out independent investigation, design, or development. A thesis may be supplemented by published work, if necessary. No part of the thesis or supplementary published work shall be submitted for the award of any other degree. A certificate to this effect should be provided by the student and his/her supervisor(s).

R.14.2 A student may submit his/her thesis within the time period as stipulated in R.11 provided that:

- i. He/She has completed the minimum period from admission as provided in R.11.1.
- ii. He/She presented poster/oral in two international conferences.
- iii. Her/his two publications have been published/accepted in
 - a. SCI/SCIE/ESCI/SSCI Indexed Journals for discipline of Engineering and Science.
 - b. SCI/SCIE/ESCI/SSCI/Scopus/AHCI/ any other journals as recommended by DRC/CRC for discipline of Management, Economics, Humanities, English, and Design.
- iv. Only those publications will be counted toward the minimum condition, where the student and supervisor(s) are first or corresponding authors. Where the supervisor is the first author, the name of the student in second place shall be considered.
- v. An undertaking should be obtained from

the external student author(s) wherein it should be mentioned that the publication is not included as a part of the award of the degree/diploma.

- vi. He/She has successfully defended his/her research work in a pre-Ph.D. The seminar is open to all faculty members and students, and it incorporates the suggestions made suitably.
- vii. He/She has obtained recommendations of the SRC/DRC/CRC for submission of thesis.

R.14.3 The student, through supervisor(s), shall submit a soft copy of the thesis along with a plagiarism report and a fee receipt through email to the Controller of Examination (COE) and CC the same to the DRC/CRC chairperson. In case of the requirement, hard copies of the thesis shall be provided.

R.15 Thesis Evaluation

R.15.1 Each examiner will be requested to submit to the Controller of Examination (COE) a detailed assessment report and their recommendations on the prescribed Performa within six weeks of receiving the thesis. A clear mandate regarding (i) discovery of new facts, (ii) a fresh approach towards interpretation of facts or theories, or (iii) a distinct advancement in the subject will be solicited from the examiner.

R.15.2 In the event that the thesis report is not received from an examiner within a period of three months, the HVC may appoint another examiner from the panel of examiners in his place to evaluate the thesis.

R.15.3 In the event of disagreement between the external examiners, the matter may be referred to the HVC. The HVC, as a special case, may appoint another external examiner if the merit of the case so demands. The

report of the appointed examiner shall be final.

R.15.4 In the event of the student being required to submit a revised thesis, he/she shall, in the normal circumstances, re-submit the same after incorporating the revision prescribed, within a period of six months from the date of communication from the COE. However, in exceptional circumstances, this period may be extended by the HVC by another six months; the total revisions will not exceed a period of one year. The thesis, once submitted, cannot be resubmitted unless the examiner has otherwise prescribed a major revision.

R.16 Award of Ph.D. Degree

R.16.1 On receipt of a satisfactory evaluation report by the examiners, the COE, in consultation with the DRC/CRC Chairperson, will finalize the date of viva-voce, which shall be openly defended. One of the examiners appointed as in R.11 shall conduct the viva-voce along with supervisor(s), HOD and DRC/CRC Chairperson, and shall recommend to the COE, one of the following courses of action:

- a. that the degree be awarded.
- b. that the student be re-examined at a later specified time in a specified manner.
- c. that the degree shall not be awarded.

In case of (a) and (b), the examiners shall also provide to the student a list of all corrections and modifications in the thesis (if required), including suggestions made by the examiners during the thesis evaluation. The final copy of the thesis will be submitted through the DRC/CRC Chairperson.

R.16.2 The Degree shall be awarded by the University, provided that:

- a. the examiners appointed for viva-voce, as in R.16.1(a), so recommend;
- b. the student produces a 'No Dues Certificate' in the prescribed form, and
- c. the student has submitted two hardcover copies of the thesis: one for the department's library and one for the Central Library after incorporation of all necessary/corrections/modifications.
- d. the student has submitted one copy of the thesis in soft form, written on CD/DVD or other media after incorporation of all necessary corrections/ modifications.
- e. the hard bound copies of the Ph.D. thesis, submitted after the viva-voce examination, must contain the following copyright certificate at the beginning of the thesis, on a separate page on the left side:

© DELHI TECHNOLOGICAL UNIVERSITY,
DELHI, 20..(say 2025), ALL RIGHTS
RESERVED

R.17 Financial Assistance

R.17.1 The number of University Research Fellowships/University Teaching cum Research Fellowships instituted by the University will be decided by the Board of Management of the University. This fellowship shall be distributed in each department by the Dean-PG in consultation with the HVC.

R.17.2 Subject to availability of fellowships, the students, who are admitted as full time through entrance test and interview and selected against available slots of fellowship in the department may be provided with University Research fellowship/University Teaching cum Research fellowship of amount and duration as decided by the University

from time to time. In addition to the University Research fellowship/University Teaching cum Research fellowship, such a student shall also be entitled to a contingency grant as decided by the University. The award of fellowship shall be reviewed every semester based on the performance report provided by the respective DRC/CRC.

R.17.3 The Teaching cum Research Assistantship will be available to the eligible students with at least two years of experience in a regular capacity in a teaching or research institution. The selection of students for Research Assistantship and Teaching cum Research Assistantship shall be done separately.

R.17.4 The maximum duration for which a university fellowship can be awarded as per university norms as applicable from time to time or till the thesis is submitted, whichever is earlier. Continuation of the fellowship is contingent upon satisfactory academic performance and satisfactory fulfilment of responsibilities assigned under the scheme.

It is to be noted that admission to the programmes and award of assistantship are not linked. Admission to any programme does not guarantee the award of an assistantship. Those who are not awarded an assistantship can continue with the programme as self-financing students.

R.18 Tuition Fee

Tuition fees will be decided by the university and shall be notified by the university through the admission brochure. Unless stated, the full fee shall be charged from students on an annual basis till the student submits his/her thesis for evaluation as per R.14.

R.18.1 The Following categories of students are eligible for tuition fee waivers as specified below:

- i. The teaching/non-teaching/ academic staff of DTU (including the teaching/non-teaching/ academic staff of erstwhile Delhi College of Engineering) and officers of the Department of Technical and Higher Education, Govt. of NCT of Delhi - Full Fee Waiver.
- ii. Project staff pursuing Ph.D., as in R.1.3 at the University - Half fee waiver.

R.18.2 The students of DTU belonging to the low-income group are considered eligible for seeking a fee concession. Applications are invited from such students; a designated Fee Concession Screening Committee recommends the fee concession as per the approved guidelines of the university. Students will apply for a fee concession in the 1st and 3rd year of their respective programs. Any student who availed a fee concession in the 1st year will continue to be eligible for a fee concession in the 2nd year also. Similarly, students given fee concession in 3rd year will continue to be eligible for 4th year (applicable as per program of study) also.

R.19 Leave & Attendance

A student will be entitled to avail leave as prescribed by the university from time to time.

R.19.1 A full-time student during his stay at the university will be entitled to avail leave for 30 days, including leave on medical grounds, per calendar year. This leave can be granted by the HOD on the recommendations of the supervisor with information to the DRC/CRC. He will not be entitled to summer and winter vacation.

Leave beyond 30 days in a calendar year may be granted by Dean-PG, in exceptional cases, duly recommended by the supervisor and the HOD concerned, subject to the following conditions:

- i. the leave beyond 30 days will be without fellowship; and
- ii. he/she will have to complete the attendance requirement as per the rule for the coursework.
- iii. a proper leave account of each student shall be maintained by the Department concerned.

R.19.2. A student will be eligible for Paternity/ Maternity Leave with fellowship as per the rules and regulations prescribed by the Government of NCT of Delhi.

R.19.3 A student, irrespective of the source of research assistantship/fellowship/without fellowship, while pursuing coursework, must attend at least 75% of classes in each course in which he/she is registered. In case his/her attendance falls below 75% in any course, he/she will not be allowed to sit in the examination. For fellowship/assistantship holders, attendance below 75% in any month led to non-payment of assistantship/ fellowship for that month.

R.20 Withdrawal from Semester/ Courses

R.20.1 A student may be permitted to withdraw by the Dean-PG, on the recommendations of the concerned DRC/CRC, from all the courses registered by him or the entire semester, on medical grounds supported by a medical certificate from the Medical Officer of a Govt. hospital. Withdrawal may also be granted by the Dean-PG on the recommendation of DRC/CRC, provided he is convinced that

the student cannot pursue his studies for reasons beyond his control.

R.20.2 Under no circumstances will a request for withdrawal be considered after the end semester tests have begun. The student should present the medical certificate in support of their absence due to health grounds within two days of rejoining the university, if it has not already been produced. Withdrawal will not be granted retrospectively.

R.20.3 Any semester withdrawal will count towards the maximum time period for Ph.D. completion as stipulated in R.12.2

R.21 Cancellation of Registration

R.21.1 Registration of a student shall be cancelled in any one of the following eventualities, after due approval of the HVC:

- i. if he/she is absent for a continuous period of four weeks without prior intimation/sanction of leave.
- ii. if he/she resigns from the Ph.D. The programme and the resignation are duly recommended by the DRC/CRC.
- iii. if he fails to renew his registration in any semester, subject to the provisions contained in these Ordinances & Regulations.

- iv. if he fails to clear the mandatory coursework requirement with a minimum of a B Grade in all the courses registered for coursework.
- v. if he does not clear the comprehensive examination as stipulated in R.9.
- vi. if his academic progress is found unsatisfactory in terms of R.10.6.
- vii. if he is found involved in an act of misconduct and/or indiscipline, and termination is recommended by a competent authority.

R.22 General

Notwithstanding anything contained in this Ordinance & Regulation, all categories of students shall be governed by the rules and procedures framed by the competent authority of the University in this behalf, and in force from time to time.

R.23 Interpretation

Any doubt or dispute arising about the interpretation of this Ordinance and Regulation shall be referred to the HVC, whose decision shall be final.





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(Estd. by Govt. of NCT of Delhi vide Act 6 of 2009)