Dhanalakshmi Srinivasan Institute of Research and Technology
(Deemed to be University)
Perambalur- 621 212

Ph.D. Regulation -2026

Centre for Research & Innovation

Centre for Research & innovation

DOCTOR OF PHILOSOPHY (Ph.D.)

Ph.D. Regulations – 2026

1. INTRODUCTION

The Doctor of Philosophy (Ph.D.) degree is awarded to a scholar who, as per these regulations, has submitted a thesis based on original research either in any particular discipline or involving more than one discipline (inter-disciplinary) that contributes to the advancement of knowledge, which is approved by a duly constituted Research and Innovation (R&I) Council. Notwithstanding anything contained in these Regulations or any other Rule or regulation, for the time being in force, this University shall not conduct Ph.D. programmes through distance education mode.

The number of vacancies for the Ph.D. programmes shall be decided well in advance and notified on the University website and widely advertised to conduct admission on a bi-annual basis (January and July).

2. DEFINITIONS AND NOMENCLATURE

In the Regulations, unless the context otherwise requires,

(a) "**DSIRT**" means Dhanalakshmi Srinivasan Institute of Research and Technology

(b) "Programme" means Doctoral Programme leading to the award of Ph.D. in Engineering and Technology/ Science and Humanities / Medical and Allied Health Sciences/Pharmacy/Nursing/Physiotherapy/ Management/ Law/ Agricultural Sciences.

(c) RAB means "Research Advisory Board" Board constituted by the Vice-Chancellor of DSIRT to oversee the academic research activities of the institute.

(d) "Supervisor" means any faculty member of DSIRT who has been recognized by DSIRT to Supervise the research scholars.

(e) "Doctoral Committee" means a committee constituted by DSIRT for each scholar to monitor the progress of his/her research work.

(f) "Scholar" means any candidate admitted by DSIRT, either Full-time or Part-time category, for pursuing research for the award of the PhD degree of DSIRT.

(g) "Grade point" means a numerical weight allotted to each letter grade on a 10- point scale.

(h) "Course work" means a theory of the PG programme that is mandated by the Doctoral Committee for the scholar to complete as part of the programme requirements.

(i) "Publications" means full-length research articles reporting new research findings in respective fields which have a general impact and contribute to the advancement of the particular field and are peer reviewed.

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(j) "NOC" means a no-objection certificate to be issued by the designated authority for carrying out the Ph.D. programme.

(k) "Chairman" means Dean (Research).

(l) "Convener" means Dean of the School.

(m) "Dean of the School" means Dean of that School wherein the scholar registers for Ph.D. programme.

(n) "Co-supervisor" means a recognized faculty member of the institute to supervise the scholars in interdisciplinary research that requires more than one expert.

3. CATEGORIES OF SCHOLARS

There shall be five categories of Ph.D. scholars

(i) Full-Time scholars (stipend/Self Support): All scholars who pursue full-time research in DSIRT shall belong to this category.

(ii) Part-Time (Internal) scholars: All scholars employed in DSIRT who pursue part-time research in DSIRT shall belong to this category.

(iii) Part-Time (External) scholars: All scholars working in Industrial units, Colleges, Government departments, Research organizations, or other Institutions, sponsored for pursuing PhD. Programmes in DSIRT while continuing to serve in their respective Institutions/organizations, which are recognized as the Research Centres of DSIRT, shall belong to this category. They shall pursue research in their place of employment and /or in DSIRT.

(iv) Integrated Ph.D. Programme : An Integrated Ph.D. is a combined academic programme that integrates postgraduate-level study and Ph.D. research into one continuous course.

3.1 ELIGIBILITY

3.1.1 FULL-TIME RESEARCH SCHOLARS (STIPEND/SELF SUPPORT)

Research Scholars of this category can pursue full-time doctoral research under the guidance of Research Supervisor(s) in the Departments/Schools of Dhanalakshmi Srinivasan Institute of Research and Technology.

Scholars qualified for Master's degrees with not less than **55%** marks or a **CGPA** of **5.5** and above the 10-point scale under CBCS, under the faculties of Science, Engineering

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& Technology, Medicine, Arts, Humanities and Sciences, Pharmacy, Nursing, Physiotherapy and Agriculture, etc., are eligible to register for Ph.D., under this category.

(a) A relaxation of **5%** of marks, from **55% to 50%,** or an equivalent relaxation of grade, may be allowed for those belonging to **SC/ST/OBC** (non-creamy layer)/EWS/Differently Abled scholars.

(b) Their course of study must be as per the regulations of this University for the award of the degrees in the respective disciplines of study.

(c) Every scholar registered for the Ph.D. programme shall work under the continuous supervision of a recognized supervisor, and a minimum 80% of attendance is compulsory for Full-Time scholars.

3.1.2 PART-TIME RESEARCH SCHOLARS (INTERNAL OR EXTERNAL):

(i) Part-time research scholars pursue their doctoral research under the guidance of a Research Supervisor working in this University.

(ii) The scholar under this category must be a faculty member with a prescribed minimum qualification in this University/College/School. However, in the case of a faculty member in a government university, college, or school, a no-objection certificate (NOC) from the Director of Collegiate Education is essential.

(iii) No Objection Certificate (NOC) required from scholars working in different institutions is mentioned below:

- Government College - Director of Collegiate Education (DCE)
- Aided college - Secretary of the college
- Faculty member of Polytechnics - Director of Technical Education.
- School Teachers - Joint Director
- Self-financing colleges - The Employer
- Guest Lecturers – Principal/Registrar of the concerned college/University

(iv) Non-teaching Staff: Research Assistants / Technical Assistants appointed permanently in this University / recognized research centres/colleges are eligible to register for Ph.D., programme on a part-time basis. Any permanent staff in Government offices/industries / public limited companies registered under the Companies Act are eligible for Ph.D. part-time registration.

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3.2 EDUCATION QUALIFICATION

Discipline	Eligibility
Medicine	MBBS/BDS with minimum 55% aggregate marks and MD/MS/MDS/DM/M.Ch. in the subject concerned or a Diploma of the National Board of Examination with experience. Scholars who have obtained any of these degrees from medical colleges which are not recognised by the Medical Council of India shall not be eligible to apply.
Engineering	Master's Degree in Engineering / Technology in the relevant dipline with a minimum of 55% marks (of all the years /semesters) wherever marks are awarded, or a CGPA 5.5 on a 10-point scale in cases where letter grades are awarded or Equivalent qualifications like M.Sc. (Engineering) / M.S. [By Research] / M.Tech. [By Research]. M.Sc. Computer Science, M.Sc. (IT), and MCA degree holders are eligible to apply for a Ph.D. Programme in Computer Science and Engineering / Information Technology.
Pharmacy	M.Sc./ M.Tech/ M.S. Pharm/ M.Pharm. Degree in the relevant Pharmacy field with a minimum 55% aggregate marks or equivalent.
Physiotherapy	Master's degree in Physiotherapy or a relevant field with a minimum 55% aggregate marks or equivalent.
Nursing / Allied Health Science	Master's degree in nursing or a relevant field with a minimum 55% aggregate marks or equivalent.

Agricultural Sciences	M.Sc./Master's degree in Agricultural Sciences, Veterinary Sciences or relevant branches with minimum 60% aggregate marks or equivalent.
Basic Sciences	M.Sc./ M.S. (by Research) Degree in Sciences in an appropriate branch with minimum 55% aggregate marks or equivalent.
Humanities	M.A. or equivalent degree in Humanities subjects, with 55% aggregate marks or equivalent.
Law	Master's degree in nursing or a relevant field with a minimum 55% aggregate marks or equivalent.
Management	MBA/Two-year PG Diploma (obtained after a bachelor's degree) with 55% aggregate marks or equivalent.

3.3 DURATION OF THE PROGRAMME

Minimum and maximum time periods for completing the Ph.D. programmes start from the officially declared beginning date in the provisional registration order by the university:

3.3.1 Ph.D. programme shall be for a minimum duration of three years, including coursework, and a maximum duration of six (6) years from the date of admission to the Ph.D. programme for both the full-time and part-time candidates.

(a) An additional maximum of two (2) years may be granted through a re-registration process in accordance with the Statute/Ordinance of the relevant Higher Educational Institution. However, it is important to note that the total duration for completing a Ph.D. programme must not surpass eight (8) years from the date of admission into the programme.

(b) It is stipulated that female Ph.D. scholars and individuals with disabilities (having more than 40% disability) may be granted an additional relaxation of two (2) years. However, the overall duration for completing a Ph.D. program in these instances shall not surpass ten (10) years from the date of admission to the Ph.D. program.

(c) Furthermore, female candidates shall be granted Maternity Leave/Child Care Leave once during their Ph.D. program for a duration of up to 240 days.

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3.3.2 Upon the conclusion of the maximum duration, including any granted extensions, a candidate will be allowed to re-register.

The request for an extension must be submitted through the guide along with the required fee. Each extension will last for six months. A scholar may receive up to two extensions. Failure to submit the thesis after utilising both extensions will result in automatic cancellation of the registration.

i. For candidates wishing to re-register under the same supervisor in the same research area, the previous Doctoral Committee and completed coursework will remain valid.

ii. Candidates seeking to re-register with a different supervisor in a new area of research will be required to adhere to the regulations that apply to new candidates.

iii. In cases where the research area remains consistent, the new Doctoral Committee will determine the eligibility of previously completed coursework for exemption consideration.

   a. **Part-Time (Internal / External):** The part-time Ph.D. program is permitted, contingent upon the fulfilment of all conditions outlined in the current Ph.D. regulations.

4. ADMISSION PROCEDURE

The procedure for admission into Ph.D. Programme (FT and PT) from the academic year 2026. The allocation of available seats across various specializations within different disciplines will be established in advance. This determination will take into account the number of Research Supervisors, as well as the availability of academic and physical facilities, while adhering to the established norms concerning the scholar-supervisor ratio, laboratory, library, and other relevant resources.

Notifications will be made available on the DSIRT website and through advertisements.

(a) Admission into the Ph.D. programme will be through a Research Entrance Test (RET) conducted online by the University for Ph.D. admission in January and July (Twice a Year). The admission is purely based on merit.

The RET shall be conducted in June for odd semesters and in December for even semesters, every year.

(b) The admission process will adhere to the criteria established by the institution, in alignment with the guidelines and norms issued by the UGC and other relevant statutory and regulatory bodies, while also taking into account the reservation

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policy of the Central and State Governments as applicable.

(c) DSIRT may admit students who qualify for a fellowship/scholarship in UGC-NET/UGC- CSIR NET/GATE/CEED/CPAT/ICAR /ASRB and similar National level tests based on an interview. Scholars with a valid certificate or qualified for the above-mentioned national/state level eligibility test within the last year. JRF/SRF/Project Fellows (Under sponsored research projects from Government Organizations) shall be exempted from clearing the RET, and they shall be eligible to appear for an interview and register for Ph.D. Program.

(d) DSIRT will admit students through an Entrance Test conducted at RET. The Entrance Test syllabus shall consist of 50% research methodology, and 50% shall be subject-specific, and the pattern will be as follows.

S. No.	Tests	No. of MCQs	Marks
1	Paper - I Research Methodology	50	50
2	Paper - II - Respective Disciplinary Subject	50	50
Total		**100**	**100**

(e) Scholars who have secured 50 % marks in the entrance exam are eligible to be called for the interview. However, a relaxation of 5% marks will be given in the entrance exam for the scholars belonging to SC/ST/OBC/differently abled category, Economically Weaker Section (EWS) and other categories of scholars as per the amendments of the DSIRT regulation from time to time.

(f) Followed by the RET, an interview will be conducted by the University wherein the scholars are expected to discuss their research interest/area before the Selection Committee. Based on the discipline of the shortlisted scholars, Deans of the respective schools will nominate the PhD selection committee members, and the composition of the committee members is mentioned below.

(g) The interview selection committee will comprise:

(i) Dean of School/Associate Dean/Senior Faculty (Nominee of Dean)

(ii) Head of the Department (If applicable)

(iii) Internal Expert(s)*: One/Two faculty members nominated by HOD/DEAN

(h) The Ph.D. interview selection committee will consider the following aspects to assess the scholar on the

1. Competency for the proposed research work.

2. Suitability of Research Work undertaken at the Institution
3. Contributions to innovative/additional knowledge

(i) Scholars must secure a minimum of 50% marks in the interview. According to the specified weightage, candidates are required to secure at least 50% overall marks for Ph.D. registration. A relaxation of 5% will be applied in the selection process for scholars from the SC/ST/OBC/differently abled categories, EWS, and other designated categories, in accordance with the amendments to the DSIRT regulations as they are updated periodically.

(j) The allocation of a Research Supervisor for a selected research scholar shall be decided by the committee concerned, depending on the number of scholars per Research Supervisor, the available specialization among the Supervisors, and the research interests of the scholars as indicated by them at the time of interview/viva voce.

(k) The respective school level committee will forward the list of selected candidates, along with the applications of all candidates, to the Dean (Research) through the Deans of the respective faculties.

5. PROVISIONAL ADMISSION

The Dean (Research) will seek the approval of the Vice Chancellor for the provisional registration of the selected candidates. The candidates whose registration has been approved by the Vice-Chancellor shall be provisionally admitted to the Ph.D. Programme by the Dean (Research) with intimation to the concerned DEAN, HOD, supervisor, the candidate, and the sponsoring institution, if any.

(a) The selected candidate shall be provisionally admitted for the Ph.D. programme in the respective Campus/ School in which he/she has applied on payment of the prescribed fees on or before the due date. Upon payment of the prescribed fees, a provisional admission order will be issued in the name of the scholar, which must be produced at the time of joining the selected campus.

(b) The selected scholars must submit the Registration form, Supervisor/Co-Supervisor Nomination form, Supervisor/Co-Supervisor Consent letter, and Fee Receipt to complete the Ph.D. registration process before admission.

(c) After receiving the provisional order scholar must submit the joining report. Hence, the scholar can pursue the regular Ph.D. work as per the DSIRT PhD.

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(d) All the Internal Full-Time Research Scholars are permitted to receive casual leave for 12 days per year, granted by the Supervisor, the HOD (as applicable) and the Dean

(e) Full time scholars are eligible to receive the research stipend based on the RAB recommendation and approved by Vice Chancellor.

(f) A Research scholar may be permitted to avail On Duty (OD) for 1-3 months to carry out his/her research work, with prior approval through the proper channel.

(g) All Institute Research Scholars are eligible for the Institute Research Fellowship for a maximum period of three years from the date of joining/registration, and they will be governed by the institution's norms.

6. ORIENTATION

The candidates, after joining the respective Campus/ School using the provisional admission order, would be given an orientation to the PhD programme. During orientation, the concerned School will make necessary arrangements to showcase the faculty expertise and the research facilities available in the school and explain the supervisor(s) selection procedure.

7. RECOGNITION AND ALLOCATION OF SUPERVISORS

The request for research guideship should be made to the Centre for Research office of the University through the Dean of the School, where he/she shall register scholars for the Ph.D. programme with their remarks for the approval, along with curriculum vitae, copies of publications and an attested photocopy of the Ph.D., degree certificate. The request for Ph.D. guideship will be assessed by the expert committee formulated by the Registrar, with the Dean of Research as the Chairperson**.** The Vice-Chancellor will grant recognition to the Supervisor for their guidance in research work upon fulfilling the criteria based on the recommendations of the expert committee.

7.1 ELIGIBILITY FOR THE RESEARCH SUPERVISOR

(i) Faculty members with Ph.D. degrees working as Professors/Associate Professors/Assistant Professors of various Schools of this University are eligible to be recognized as research supervisors/guides. According to UGC norms and respective statutory body guidelines.

(ii) Upon successful completion of the probation period and confirmation of service, the faculty member shall become eligible to act as a sole Research Supervisor, subject to the fulfilment of UGC and university norms, with the due approval from the Vice-Chancellor.

(iii) However, relaxation in the probation period will be considered on a case-by-case basis, with the approval of the Vice-Chancellor by the committee formulated by the Office of Research.

(iv) Journal Publications with minimum requirements:

All the required Journals should be indexed either in SCI/ Scopus/WoS/PubMed/Embase/NAAS/UGC Care List /any reputed or recognized journal.

Category	Professor	Associate Professor	Assistant Professor
Science, Engineering and Medicine	**5**	**4**	**3**
Arts, Humanities and Social Sciences, Law, Agri	**5**	**3**	**2**
Pharmacy , Nursing, Physiotherapy and Allied Health Science	**5**	**4**	**3**

(v) **Age Limit**: A recognized Supervisor shall admit a Full-Time scholar and a Part-Time Scholar two years before his/her retirement. A recognized supervisor is allowed to guide Ph.D. scholars up to the age of 65 years. After the retirement of the Research supervisor, a one-year extension of time may be permitted to the Supervisor based on the declaration given by the Supervisor to complete the research work. Even after the extension of one year, if the scholar cannot complete the research programme, the scholar may be transferred to another Supervisor.

(vi) The maximum permissible number of scholars to be registered under a research supervisor is as per the UGC norms for the Ph.D. programme. Only an approved guide can act as a co-guide. Allocation of Ph.D. scholars is as follows

(a) A **'Professor'** can guide/co-guide a maximum of 8 PhD scholars

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(b) An **'Associate Professor'** can guide/co-guide a maximum of 6 PhD scholars

(c) An **'Assistant Professor'** can guide/co-guide a maximum of 4 PhD scholars

(vii) The number of vacancies under a supervisor shall be considered, taking into account the actual date of submission of the thesis by the registered scholars.

(viii) Further, a faculty member already recognized as a Research Supervisor in the field in which he/she has obtained his / her doctoral degree, but working as a regular member of the faculty in a different but related Department, can guide scholars for Ph.D., either in his / her field of Doctoral research or in the area of his/her specialization in the department where he/she serves purpose.

7.2. ELIGIBILITY FOR THE RESEARCH CO-SUPERVISORS

The Co-Supervisors may be permitted in interdisciplinary fields from other departments within the same institution or from related institutions, contingent upon the approval of the Vice Chancellor. The Co-Supervisor will be approved under the following conditions

(a) If the candidate is a project staff member, the Co-PI of the project working at DSIRT can be appointed as a Co-Supervisor.

(b) If the field of research is interdisciplinary/ multidisciplinary in nature, a co-supervisor is permitted with the recommendation of the School Research Committee (SRC) attached to the school wherein the scholar is registered.

(c) Only a full-time regular faculty of the concerned University/Institution deemed to be a University/College can act as a Co-Supervisor.

(d) Co-Supervisor, if required, is to be appointed before the constitution of the Doctoral Advisory Committee.

(e) After the appointment as Co-Supervisor, he/she has to continue as Co-Supervisor for the scholar till the award of the degree.

(f) At any point in time, a faculty member can be a co-supervisor for a maximum of 2 candidates or maximum of cadre eligibility (if required).

(g) A Co-Supervisor position will be treated as one vacancy, similar to the case of regular Supervisors when calculating the number of Institute Research Scholars allowed per Supervisor.

(h) There shall not be more than two supervisors for a research scholar.

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(i) Faculty members who are on probation can serve as Co-Research Supervisors based on their previous experience in terms of high-quality publications, number of Ph.D. scholars guided, etc.

(j) The co-supervisors may also be considered from the following:

(i) Permanent faculty from the reputed Universities/Institutions.

(ii) Co-Supervisors shall also be appointed from National Laboratories/Research Organizations/Industries, provided they must have a Ph.D. with relevant experience.

(iii) Co-Supervisors from within the same department/school or other departments/schools of the same institution or other institutions may be permitted with the approval of the competent authority.

For cases (ii) of appointing the co-supervisor, a formal MoU / consent letter must be obtained from the respective organization.

A supervisor/Co-Supervisor shall not guide his/ her immediate or close relative, and to this effect, he/she shall furnish a declaration in the column provided in the prescribed application form for admission. The Vice-Chancellor is conferred special authority to relax conditions in exceptional circumstances and to revoke or withdraw the recognition status awarded to a Ph.D. supervisor.

7.3 NORMS - RETIRING / RESIGNING SUPERVISORS

A faculty member who is retiring or resigning will maintain their role as Supervisor if the Synopsis meeting has taken place. A faculty member who is retiring or resigning will ensure that appropriate arrangements are made for their scholar(s) to identify new Supervisor(s). The new Supervisor will be a faculty member of the institution who meets the qualifications necessary to serve as a Research Supervisor.

7.4 CHANGE OF SUPERVISOR

(a) Generally, a change of supervisor is not allowed. Nonetheless, it will be taken into account should the supervisor leave the Institute.

(b) Should the research scholar seek a change of Supervisor due to a modification in the research topic, or any unavoidable reason the request will be submitted to the SRC for its recommendations to the School Dean/Dean of Academic Research.

(c) In the event that a supervisor is transferred within the university's jurisdiction, it is necessary to obtain permission from the university to maintain the scholar's registration; failure to do so will result in cancellation. If a transfer occurs outside the jurisdiction of DSIRT University, the supervisor is required to facilitate the transfer of the scholar to another supervisor within the university. Providing guidance in a different university is prohibited, resulting in the automatic cancellation of the guideship.

(d) If a supervisor is transferred outside the university jurisdiction after the completion of coursework, they may continue to supervise with the assistance of a co-supervisor. Alternatively, they are required to relinquish the scholar, who will subsequently select a new supervisor in accordance with university regulations.

8. DOCTORAL ADVISORY COMMITTEE (DAC)

(a) A Doctoral Advisory Committee will be appointed for each Research Scholar to consider his/her research proposal, to prescribe the coursework required to be undergone by the candidate, and to monitor the progress of the research continuously.

(b) The following is the composition of the Doctoral Advisory Committee

(i)	Dean Research / CRI Representatives/ Dean School	Chairperson
(ii)	Research Supervisor	Convener
(iii)	Co-supervisor (wherever applicable)**	Member
(iv)	One faculty member (Professor/Associate Professor) from the same school or allied or Industry will be nominated by the Chairperson of the panel suggested by the Supervisor.	Internal Member
(v)	One External faculty member from other Institute to be nominated by the Chairperson from the panel suggested by the Supervisor (Multidisciplinary)**.	External Member

** The requirement of an additional internal / External member or co-supervisor on the board shall be done based on the recommendations of the Dean of the respective school or the Dean of Research

1. *The Dean Research/Dean of the School / Research Centre representatives shall be convening and chairing the Doctoral Advisory Committee meetings till the completion of the Comprehensive Viva Voce Examination of the candidate.*
2. *The Dean (Research) shall chair the Doctoral Advisory Committee meetings*

from the synopsis submission (approval) to the award of the degree.

(c) The research supervisor(s) may suggest the constitution of the DAC. However, it is desired that, as far as possible, the research supervisor(s) should avoid keeping the same DAC members for all their scholars.

(d) If any DAC member goes on long leave/resigns/retires from the organization where he/she works, the Supervisor shall inform the same to the office of Research through the Dean of the School. The School Dean will nominate another member on the suggestion of the Research Supervisor, who has been approved by the Office of Research

8.1 GUIDELINES FOR DAC

(a) For constituting the Doctoral Advisory Committee, the Supervisor and the Dean of the School will inform the academic research office, the area of research of the scholar, and a panel of names indicating the area of specialization of each faculty member/expert, within a month after the scholar joins the Institute.

(b) Apart from the Dean of the School and the Supervisor (and Co-supervisor wherever applicable), the proposed panel shall include the names of six external experts and four internal members. The biodata, including the latest publications of the suggested external members, should be forwarded along with the request for the constitution of the Doctoral Advisory Committee.

(c) The external DAC members will be paid TA, DA & Honorarium as per institute norms for attending the meetings of the Doctoral Advisory Committee.

(d) The external DAC members from far-off places can attend the meeting through the online link provided by DSIRT.

However, at least one external DAC member should be available in person for the First DC meeting, the Comprehensive Viva-Voce and the Synopsis meetings.

The DAC will be constituted for the First Doctoral Committee Meeting, the Comprehensive Viva-Voce Examination, and the Synopsis meeting. The School Dean will chair the DAC Meeting, the Comprehensive Viva-Voce Examination, the Colloquium and all the School Research Meetings; from the Synopsis, till the award of the Ph.D. degree Viva-Voce, the Dean of Research will serve as the Chairperson.

9. COURSEWORK EXAMINATION

(a) The first Doctoral Advisory Committee (DAC) meeting is to be held within a

month of the date of constitution of the DAC to prescribe the coursework relevant to the field of research.

(b) All Ph.D. scholars are required to take Four courses (with a minimum of 13 credits) as advised by the DAC and appear for the examinations conducted by the institute.

(c) All PhD scholars are required to complete the following five coursework papers:

Particulars	**Credits Requirement**
Research Methodology (Mandatory)	4
Research and Publication Ethics (Mandatory)	3
Subject Specialization - I [Based on the DAC Approval]	3
Subject Specialization - II [Based on the DAC Approval]	3

(d) Only coursework that is registered after the initial Doctoral Advisory Committee meeting will be considered for the coursework requirement. Nonetheless, the two required courses, Research Methodology and Research and Publication Ethics, may be completed before receiving approval from the Doctoral Advisory Committee.

(e) As per the UGC Ph.D. regulations 2022, Candidates already holding M.Phil. degree and admitted to the Ph.D. programme, or those who have already completed the coursework in M.Phil. may be exempted by the School/Department from the Ph.D. coursework. All other candidates admitted to the PhD programme shall be required to complete the Ph.D. coursework prescribed by the Department.

(f) Any coursework already passed (including Research Methodology) by the scholar before provisional registration shall not be counted.

(g) No change in the approved coursework shall be made without the consent of DAC.

(h) The content for special elective courses (each of 3 credits) shall be decided by the Supervisor concerned, and the content will focus on the proposed field of investigation. Further, these courses shall not be among the existing PG courses offered by the institution.

(i) Coursework Evaluation:

(i) All procedures related to coursework assessment will be based on the regulations in practice at the institute.

(ii) Subject Specialization course - [Based on the DAC Approval] may be obtained from reputed online such as NPTEL. Coursera etc.

(iii) Those who opt for the online course are required to submit the grade sheets to the CoE/DCoE through the office of Academic Research.

(iv) For special electives and school-level taught courses, the internal assessment may be done at the discretion of the faculty in charge / Supervisor

(v) The paper setting for the special electives will be the responsibility of the research supervisor.

(vi) All grade sheets about the coursework of all research scholars shall be issued by the Controller of Examinations.

(vii) The coursework will be assessed for a total of 100 marks, allocated as 25% for internal assessment and 75% for external evaluation

(j) The coursework is to be completed preferably within 12 months from the date of registration. However, a grace period of another 6 months may be allowed.

(k) It is necessary that the scholar earn a minimum of a 'C' grade in all the courses, and the average CGPA shall be not less than 6.5. If a scholar has failed in a course or has secured less than a 'C' in any of the courses or has secured a CGPA of less than 6.5, he/she may repeat one or more of the courses. Not more than two attempts will be allowed for any of the courses. In case the requirement is not met in the second appearance, his/her registration for Ph.D. shall be deemed to be cancelled.

10. MONITORING THE PROGRESS OF RESEARCH SCHOLARS

(a) All the scholars must register and maintain Ph.D. registration at the school at the beginning of every semester till their submission of the thesis.

(b) Constitution of School Research Committee – Each school will have a School Research Committee (SRC) to monitor and record the progress of the research scholars associated with the school. The SRC will comprise the following

members.

Dean of the School	Chairperson
Supervisor	Convenor
Associate Dean / HOD	Member
Subject Expert – 01	Member
Subject Expert – 02	Member
Subject Expert - 03	Member

(c) The School Research Committee (SRC) meet periodically, and the research scholar is to make a presentation on the progress of his / her work to the committee. The SRC would review the progress and suggest further needs, if any.

(d) All Research scholars shall present and submit their progress report to the SRC in person, once in every six months in the respective schools.

(e) In the case of External Part-Time scholars, the progress report shall include the recommendation of the employer, too.

(f) The consolidated half-yearly progress report of all scholars of the school shall be forwarded by the SRC through the Dean of the School to the office of Research (latest by November and May of each year) with the remarks of the respective guides.

(g) In case a scholar does not present half-yearly progress for two consecutive times, his/her registration will be cancelled. If the research scholar's progress is deemed unsatisfactory, the SRC will document the reasons, guide the research scholar, and recommend appropriate corrective actions. Although the SRC determines that the progress is unsatisfactory, it may refer the case to the relevant DAC for final recommendations.

(h) Full-time research scholars shall give biometric attendance on all working days. They are eligible for a total of 12 days leave every year, which they shall avail after obtaining permission from the Supervisor and Dean of the School. However, those scholars who are availing financial assistance from a funding agency shall be governed by the rules of the respective agency.

(i) All the Ph.D. Scholars (Internal Full-Time) will be considered as Teaching Assistantships by the School as per the Institute policy, and they will be assigned to support the faculty members (only in the tutorials and lab sessions) in the teaching-learning process.

(j) The part-time scholars should meet their supervisor at least once in every three months. In case an external part-time scholar who leaves his/her current organization and joins another organization shall be permitted to continue the research work upon submission of an NOC from the new employer. If not, the registration of such a scholar shall stand cancelled.

11. RENEWAL OF REGISTRATION

a. All research scholars, including EPT (External Part time scholar) scholars, must enroll each semester on the designated date until they submit their thesis.

b. All research scholars are required to pay the designated fees annually until the submission of their thesis. The registration of a Research Scholar who has not enrolled for any specific semester is subject to cancellation.

12. COMPREHENSIVE EXAMINATION (CE)

(a) The objective of the comprehensive Examination is to test the general capability of the research scholar; the breadth and depth of knowledge in the discipline and areas related to his / her field of research will be assessed.

The CE is conducted as the Oral Examination by DAC.

(b) After successful completion of the coursework, as evidenced by the grade sheet issued by the office of the Controller of Examinations, a registrant for the Ph.D. degree is required to undergo a comprehensive examination within a maximum period of two years from the date of registration. However, the scholar shall meet the requirements to be eligible to appear for the Comprehensive Examination.

(c) The oral examination is to be conducted based on the core courses/elective courses that belong to a particular discipline in which the scholar is pursuing the research work and has already completed the coursework. The CE syllabus is to be framed under the supervision of SRC by the research supervisor(s), and the approved syllabus is to be intimated to the candidate two months before the CE by the respective School Dean.

(d) The oral examination will be conducted by the Doctoral Advisory Committee (DAC). The School Dean shall share the approved CE syllabus with the Doctoral Advisory Committee at least one week before the conduct of the oral examination, along with the invitation to the DAC meeting.

(e) The School Dean shall intimate in writing to the research scholar sufficiently in advance (2 weeks) about the date, time, and venue of the oral examination and its scope, the syllabus, and other relevant details.

(f) During the Oral examination, the candidate will make a brief presentation of his/her research topic and/or research work and answer the questions raised by the DAC members. The emphasis of the oral examination would be more on testing the knowledge of the candidate in the topics listed in the syllabus and/or envisaged research topics.

(g) The oral marks from DAC members are to be rated based on the performance. Based on the performance of the candidate in the CE, the DAC will make a decision either to pass or fail the scholar in CE.

(h) If the performance of the research scholar in the comprehensive examination is satisfactory, his/her provisional registration shall be confirmed. If the performance is unsatisfactory, he/she shall be given one more opportunity to appear for the examination within ***six months*** of the first examination.

(i) In case the research scholar fails to complete the comprehensive examination within the prescribed time limit, his/her provisional registration shall be cancelled by DSIRT.

(j) After receiving the report of the Doctoral Advisory Committee regarding the successful completion of the CE by the scholar, an office order of candidacy confirmation will be issued by the Office of Research & Innovation.

No research scholar will be permitted to take the comprehensive Examination unless tuition and other fees have been paid.

13. CANDIDACY CONFIRMATION

The candidacy of a scholar will be confirmed for the PhD degree after successful completion of coursework and the comprehensive examination. Candidacy for the Ph.D. degree shall be effective from the date of completion of the Comprehensive Examination.

14. OPEN SEMINAR / COLLOQUIUM

(a) An open seminar is a public presentation presented by a researcher after completing a quantity of research work.

(b) Research scholars must pass a full viva and have their candidature validated before conducting an Open Seminar.

(c) Scholars can only give Open Seminars after 6 months from CE and publishing the required publications in the refereed journals.

(d) All Scholars who have fulfilled the criteria for submitting their synopsis and thesis are required to participate in the open seminar/colloquium, which will be organized by the respective school.

(e) The School Research Committee will assess the extent of work completed by the scholar and determine if the research objectives have been met.

(f) In accordance with the recommendations provided by the School Research Committee, the Dean of the respective school will present the detailed report to the Office of Research to outline the subsequent steps for the submission of the synopsis and thesis.

(g) The candidates who have completed the colloquium / open seminar will be permitted to submit the synopsis/thesis.

(h) The colloquium must be carried out prior to the synopsis meeting.

(i) The scholar shall choose a broad field of research at the time of registration. However, the scholar must provide and declare the research title during the time of the open seminar. Any changes in the title of the research will be made till this stage.

15. SYNOPSIS

Upon successful completion of the designated courses, the Comprehensive Examination, and the necessary publications in their research area, the research scholar will be allowed to submit the synopsis of their research work. The Scholar is expected to have completed the half-year progress meetings, participated in an Open Seminar/Colloquium relevant to their research field, and published two journal papers in recognized databases (SCI, SCIE, ESCI, SSCI, Scopus and WOS or any approved indexed databases) as prescribed by the University in the regulations.

(a) The candidate is permitted to submit the synopsis and draft copy of the thesis following the completion of the Open Seminar or colloquium.

(b) The Synopsis presentation will be approved only when the scholar has published a minimum of two research articles in journals as outlined in the regulations, within their field of specialization, serving as the first author.

(c) When the thesis is approaching readiness for submission, the candidate must submit a copy of the synopsis **(not exceeding twenty pages)** and the thesis of

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their research work (following the format available on the **DSIRT website**) through the Supervisor and Dean of the School to the office of Research. This will enable the timely finalization of a panel of examiners for the evaluation of the thesis.

(d) The scholar may submit the Synopsis presentation only upon fulfilling the minimum duration of the program applicable to them, as well as the publication requirements. The candidate is required to deliver the Synopsis presentation to the Doctoral Advisory Committee.

(e) The Doctoral Advisory Committee will evaluate and endorse the research work presented in the Synopsis and draft of the Thesis, **along with a panel of six examiners, comprising three from India and three from abroad.**

(f) The proposed examiners should hold the Assistant professor/Associate professor/ Professor position with good experience and publication record.

(g) The Supervisor is responsible for submitting the revised synopsis, the Thesis accompanied by a similarity report generated from the institute's plagiarism detection tool, and a panel of six examiners, along with their concise research profiles, which should include recent publications, to the Dean (Research) for further processing through the School Dean.

The submission of the synopsis must be completed within 40 days of the successful completion of the Open Seminar/Colloquium.

16. PUBLICATION REQUIREMENTS

a. For individuals with backgrounds in **Science, Humanities, Engineering, and Technology**, **Agriculture, management, Languages, etc**., it is necessary to have at least two publications in refereed PubMed / PubMed Central, Medline/ Embase/ Scopus/SCI / WOS Journals. Any relevant approved journals.

b. For **Medicine**, **Pharmacy, Physiotherapy, Health Care Sciences, and Nursing**, a minimum of two publications in the referred journals and indexed in PubMed / PubMed Central, Medline/ Embase/ Scopus/SCI / WOS Journals.

c. For **Law programmes**, a minimum of two publications in the referred and indexed journals (SCOPUS/SCI/WOS Journals) .

d. For the publications to be eligible for the adjudication of the thesis, the research scholar must be the first author, while the Supervisor will serve as the

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corresponding author.

e. If a Co-Supervisor has been approved, they are eligible to be listed as a co-author in the publications. Publications where the scholar serves as the corresponding author will not be taken into account for the evaluation of their synopsis.

f. The Co-PIs of the project associated with the scholar may be included as co-authors in the scholar's publications. also any industry ,research, Academic, collaborator from India or other countries may also included.

g. The Supervisor is required to submit proof of Co-PIs to the Office of Research for the project in which the scholar is engaged.

h. The external collaborators may be considered for co-authorship in accordance with the recommendations of the Doctoral Advisory Committee.

i. The publications involving UG/PG students will not be taken into account when evaluating the requirements for thesis submission.

j. The supervisor must provide a rationale for including a co-author (excluding the Co-supervisor and Co-PIs) in the publications.

k. Only research articles published in the regular issues of journals relevant to the field of specialization, based on his/her research work, will be considered. Publications in a special issue of esteemed journals will be taken into account.

l. A patent granted based on a candidate's research work will be regarded as equivalent to one publication. The patent filing date must occur after the provisional registration date of the Ph.D. Programme.

m. The scholar is prohibited from publishing research articles containing similar content, either in part or in full, in more than one journal, as this would constitute self-plagiarism.

n. It is essential to include DSIRT's affiliation in all research publications, irrespective of the scholar's current workplace.

o. The publications carrying any additional inclusion of authors may result in the disregard of the minimum eligibility criteria in publications.

p. **For the Maximum Duration Extension Cases Two Papers indexed with any Peer Reviewed journal may be considered. RAB will proceed the case by case based on the research status with the approval of Vice-Chancellor.**

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17.. SUBMISSION OF THE THESIS

a. Within one month of the Synopsis meeting date, the applicant must turn in a copy of both the thesis and the synopsis, along with a similarity report. According to UGC guidelines, the greatest amount of resemblance that is **allowed is about 10%.** The thesis should include the final title that was decided upon during the synopsis discussion.

b. The PhD thesis must demonstrate a clear addition to the body of knowledge in the candidate's field of study. Its contribution to new knowledge, understood broadly to encompass instrumentation, design, development, and applied work of an innovative-adoptive character, shall be the main criterion for evaluation. The thesis should demonstrate the candidate's ability to tie his or her specialized study to the larger framework of the General discipline under which it fits, as well as critical assessment, Judgement and a solid command of the background literature of the research topic.

c. The thesis must contain a certificate from the researcher, supervisor, and co-researcher (if applicable) attesting to the fact that the work presented in the thesis is an original study conducted by the researcher and has not been plagiarized or submitted elsewhere for credit towards a degree or diploma.

18. THE ACT OF PLAGIARISM

a. The thesis must undergo a Plagiarism Check by the online-based plagiarism detection software approved by the Institute.

b. The exclusion during the plagiarism check should be confined to the following:

- All quoted work is reproduced with the required permissions and appropriate attribution.
- All bibliography, references, table of contents, preface, and acknowledgements.
- All generic terminology, regulations, established symbols, and recognized equations.
- Brief matches consisting of no more than 10 words.
- Equations and Chemical Representations. and Names of institutions, departments, etc.

c. In cases of self-plagiarism or instances where a scholar's published work is

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flagged as plagiarism in the review, a letter of self-declaration must be submitted by the Supervisor. This letter should specify and include the articles that have been published by the student based on their thesis work. The following articles are to be excluded from the check. The exclusion of similarity will be applicable solely in instances where the scholar holds the position of first author and the Supervisor is designated as the corresponding author for the relevant publication. All articles authored by the Supervisor or the scholar must be included in the review process.

d. In instances where scholars have engaged in plagiarism within their synopsis, thesis, or journal publications, they will be summoned for an inquiry by the SRC. They will be instructed to correct the plagiarism and resubmit the documents, subject to appropriate penalties in accordance with UGC regulations.

e. If the scholar does not address the plagiarism in the documents, the Thesis/Degree will be forfeited, their research registration will be cancelled, and they will be prohibited from registering for any program at the institute.

f. In the case of faculty, to address the aforementioned actions, the recognition of their role as a supervisor shall be revoked for a duration of five years. During this period, they shall be prohibited from supervising scholars in any research program within the institute.

19. PANEL OF EXAMINERS

(a) The Vice Chancellor or their designated representative will select two esteemed relevant examiners from the panel recommended by the Doctoral Advisory Committee during its Synopsis meeting for the purpose of evaluating the thesis. One of the two examiners will be located within the country, while the other will be from overseas.

(b) The Dean of Research will correspond with the two selected examiners, providing a copy of the synopsis and formally inviting them to serve as examiners for the specified thesis. Upon obtaining their consent, the Dean (Research) will provide them with the thesis for adjudication.

(c) Guidelines for Nomination of Examiners

(i) There shall be a nomination for a panel of **three examiners**.

(ii) The research supervisor shall submit the brief biodata (with h-index, citation index, email id, mobile phone number, etc.,) of examiners through the Dean of the School during the Synopsis Meeting

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(iii) Three Indian examiners preferably from same state or other state three foreign examiners from other countries.

(iv) Indian Examiners, including PhD Viva-Voce examination, should be from reputed Institutes and are of national importance.

(v) The examiners who evaluated the thesis should not be given at least for two subsequent theses.

(vi) The examiners should be regular faculty with 10 years of experience with good Publication records.

(vii) If the foreign examiner is an Indian settled abroad, the number of years of service in the University and his / her designation should be given.

(viii) Foreign Examiners should have a minimum of ten years of experience in Teaching and Research.

20. REPORT OF THE THESIS

a. Each examiner is required to submit a comprehensive report of their evaluation of the thesis within two months of receiving the thesis. The report must emphasise the contributions of the thesis, outlining its strengths and weaknesses, as well as any necessary modifications, corrections, or clarifications. Additionally, it should provide a clear recommendation concerning the acceptability of the thesis for the award of the Ph.D. degree.

b. If both examiners' reports declare the thesis as **'Recommended,'** the Dean (Research) will form the Thesis Oral Examination Board and provide the reports to the supervisor, who will then coordinate the thesis defence. If one of the examiners designates the thesis as **'Not recommended'**, the thesis will be submitted to a third examiner from the panel for evaluation.

c. Should the evaluations from two examiners, following a referral to a third examiner if required, conclude with a recommendation for the thesis, the scholar will be permitted to proceed to the thesis defence and present their work. Should the third examiner also deem the thesis as **'Not recommended,'** the thesis will be rejected, resulting in the cancellation of the candidate's registration.

d. If both examiners declare the thesis as **'Not recommended,'** the thesis will be rejected, resulting in the cancellation of the candidate's registration.

e. If an examiner recommends the resubmission of the thesis, the candidate will

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be permitted to submit the revised thesis to the office of Academic Research within three months from the date of receiving the report.

f. The updated thesis will be submitted once more to the same examiner for the final determination.

g. Any minor revisions or modifications suggested by the examiners must be implemented before the thesis defence. The supervisor will ensure the same. In the event of an unreasonable delay in obtaining the evaluation report from any examiner, the Dean (Research) will designate an alternative examiner to assess the thesis.

h. The thesis defence is anticipated to occur within one month of the establishment of the Oral Examination Board.

i. In all other instances not addressed by the aforementioned Regulations, the issue will be submitted to the Academic Council for review.

21. THESIS DEFENCE

(a) Research scholars must attend the thesis defence at the Institute when scheduled. In specific instances where the candidate is located in a foreign country due to job assignments, online defence may be arranged with the approval of the Vice Chancellor.

(b) Candidates authorised to depart from the Institute without completing the thesis defence must return to the Institute for the thesis defence when scheduled, at their own expense. Non-attendance at the thesis defence may result in the cancellation of registration.

(c) The following is the composition of the Oral Examination Board

1.	Dean (Research)	Chairman
2.	Dean of the School in which the research scholar is enrolled	Member
3.	The External examiner of the thesis within the country (If the examiner of the thesis within the country regrets his/her ability to attend the thesis defence, another specialist in the subject would be nominated by the Dean (Research) in consultation with the Vice-Chancellor/ Registrar from the panel of examiners recommended by the DAC to conduct the thesis defence)	Member

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4.	Research Supervisor	Member
5.	Co-supervisor (wherever applicable)	Member

(d) The members of the Doctoral Advisory Committee for the candidate, along with faculty, scholars, and students at the institute,
will be invited to the thesis defence. The school involved will ensure extensive publicity across the institute for the thesis defence.

(e) During the thesis defence, the candidate will begin by presenting a seminar on their thesis work. The Oral Examination Board will subsequently assess the candidate's thesis work.

(f) The candidate is required to respond adequately to the enquiries posed by the Board members and the audience present during the thesis defence. *The Oral Examination Board will assess the candidate's performance as either* ***'Satisfactory' or 'Not Satisfactory.'***

(g) If the oral examination board assesses the candidate's performance at the thesis defence as 'Satisfactory', the Supervisor will submit a report to the office of Academic Research, detailing the proceedings of the oral examination board, which will be signed by all members of the Board. The Scholar is required to submit the final corrected copy of the thesis for archiving in the central library of the Institute.

(h) If the Oral Examination Board determines that the candidate's performance is 'Not Satisfactory,' the candidate will be required to reappear for the thesis defence, which will take place no sooner than one month and no later than six months from the date of the initial thesis defence.

(i) If the Oral Examination Board evaluates the candidate's performance as 'Not Satisfactory' on the second occasion, the matter will be referred to the Academic Council for a decision.

Should the oral examination board assess the candidate's performance as Satisfactory, the guide will submit a report to the academic section via the Chairman of the oral examination board. This report will outline the proceedings of the oral examination and will be signed by all board members. Additionally, a final corrected copy of the thesis will be deposited in the central library of the Institute. The report from the oral examination board must encompass the subsequent steps

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i. A concise overview of the thesis emphasizing the candidate's contributions.
ii. Summary of the thesis examiners' reports, encompassing both positive and negative aspects.
iii. An overview of the candidate's oral examination.
iv. A certificate regarding the incorporation of the modifications/corrections in the thesis.
v. Evaluation of the performance of the candidate by the board as Satisfactory or Not Satisfactory.
vi. Recommendation to the Institutional statutory councils regarding the acceptance of the thesis and award of the Ph.D degree to the candidate

22. AWARD OF DEGREE

Following the recommendation of the Oral Examination Board, the Institute will confer the Ph.D. degree to the candidate within the school where the scholar is registered, in accordance with UGC regulations, subsequent to obtaining the necessary approvals from the Academic Council and the Governing Council.

22.1 PUBLICATION OF THESIS

(i) Following the viva voce examination, the candidate is required to submit a copy of the thesis in DVD/CD/Pendrive format, certified by the Supervisor, confirming that all corrections have been implemented as recommended by the examiners, if applicable, for DSIRT ARCHIVES.

(ii) DSIRT is required to submit an electronic copy of the Ph.D. thesis to the INFLIBNET/Institutional Electronic Archive for hosting, ensuring accessibility for all institutions and colleges.

(iii) The candidate or supervisor may publish papers derived from the thesis. Nevertheless, the candidate shall not publish the thesis in its entirety without obtaining explicit approval from DSIRT.

23. EXTENSION OF DURATION

(a) Scholars who fail to submit their thesis within the maximum duration of the program (five/six years) must apply for an extension of time three months prior to the completion of the maximum duration, accompanied by the recommendation of the Supervisor and the SRC. The matter will be contingent upon the final approval of the Dean (Research).

(b) Furthermore, a second extension of six months may be granted by the Vice

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Chancellor upon request, provided that the request is made at least one month before the expiration of the previous extension.

(c) The tuition fee will be increased to double for this extended period.

(d) If the scholar does not submit the thesis within the extended period of one and a half years, the registration will be cancelled, and the name will be removed from the rolls.

24. BREAK-IN-STUDIES

(a) The Dean (Research), with the approval of the Vice-Chancellor, may grant a break in study for the scholar under extraordinary circumstances, such as medical issues or other compelling reasons that necessitate their absence from the program.

(b) The study break period will not be included in the calculation of the minimum duration of the program. The request will be appropriately forwarded by the Research Supervisor and the respective Dean of the school.

(c) A break in study for scholars may be granted for a maximum period of one year. To be considered for approval of a break in studies, a research scholar must submit the request at least one month in advance, including all relevant details and documents, along with specific recommendations from the guide(s) and the Dean of the School.

(d) Failure to seek and obtain prior permission will be regarded as a case of discontinuation, leading to the cancellation of the registration for those scholars.

(e) The break in the study period will be considered in the calculation of the maximum duration of the program.

(f) For the approval of a break in studies on medical grounds, as well as for the resumption of studies, it is essential to submit a certificate from a recognised medical practitioner.

The research scholar must have fulfilled the minimum registration period, completed coursework, passed the comprehensive examination, and successfully conducted all theoretical and experimental components of the work.

(g) Additionally, the scholar should have initiated the preparation of the thesis in order to qualify for a fellowship abroad. The request must include a clear statement regarding the status of the research work, a copy of the appointment letter, and a letter of assurance from the research scholar confirming their intention to rejoin the institute at the conclusion of the break period to complete

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the remaining work and/or proceed to thesis defence, as applicable, necessary for degree qualification.

(h) Research scholars granted a break in their studies are required to pay the relevant tuition and other fees to uphold their studentship status.

25. TRANSFER AND MIGRATION OF PH.D. SCHOLARS

A registered Ph.D. scholar from another UGC-recognized university may apply for transfer to DSIRT by considering "Academic Mobility and Continuity of Research" (it is aligns with the broader goals of flexibility and academic mobility encouraged by NEP 2020)

if:

- the parent university issues a No Objection Certificate (NOC);
- the supervisor provides written consent;
- there is no disciplinary action pending;
- Previous Supervisor joins.
- The proposed research aligns with DSIRT research priorities & Facilities.

(Transfer shall not be permitted after the submission of the synopsis)

Coursework Recognition

The RAB committee may recommend:

- Full transfer of coursework
- Partial transfer with bridge courses
- Fresh coursework at DSIRT

. Registration Status

The RAB committee may recommend:

- Continuation of registration
- Fresh registration with credit transfer
- Registration subject to modifications

Research Advisory Board (RAB) shall examine each application on its academic merits and recommend one of the following:

- Approval of transfer.
- Approval with specific conditions, including bridge coursework or additional requirements.
- Rejection of the transfer request with recorded reasons.

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The final decision on every transfer application shall rest with the **Vice-Chancellor**, based on the recommendation of the Research Advisory Board. subject to compliance with the applicable UGC Regulations and the University's Ph.D. Regulations.

26. CANCELLATION OF REGISTRATION

The registration of a candidate shall stand cancelled under the following circumstances.

(a) Should the scholar decide to withdraw from the programme and formally request the cancellation of their registration.

(b) If a candidate has not submitted their thesis by the conclusion of the maximum duration, including any extension period for the program, their candidacy shall be automatically cancelled.

(c) In the event that the scholar fails to remit the tuition fees by the designated deadline.

(a) If two consecutive six-month progress reports are either not submitted or deemed unsatisfactory (as evaluated by the SRC).

(b) If the scholar does not complete the CE within three years following their registration in the Ph.D. program.

(c) If the performance does not meet the expectations of the Doctoral Advisory Committee.

(d) If prior permission is not obtained for a break in study from the Dean of Research.

(e) If the extension of time beyond the maximum period of study is not secured.

(f) If there is a delay in the submission of the thesis beyond six months from the date of approval of the Synopsis meeting by the Doctoral Advisory Committee.

(g) If there is a delay in the submission of the revised thesis, which incorporates the suggestions of any examiner, beyond six months.

(h) If there is an instance of plagiarism in the journal publication or thesis.

(i) If the scholar has reached out to or influenced the thesis examiner.

(j) If it is demonstrated that the scholar has engaged in any unethical practice.

(k) All the unethical practices, including any form of misconduct/harassment/mar the reputation of the institute, will be elevated to the "**Board of Academic Integrity in**

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Research (BAIR)" which will be constituted by the Dean of Research as per the directions of the vice-chancellor.

27. INTEGRATED Ph.D. PROGRAMME

a. Eligibility for Admission

A candidate seeking admission to the Integrated Ph.D. Programme after successful completion of a Four-Year / Eight-Semester Bachelor's Degree with Research shall possess a minimum CGPA of 7.5 on a 10-point scale, or its equivalent grade, from a recognized University/Institution. Relaxation in the minimum qualifying marks/CGPA shall be applicable to reserved categories as per the norms of the UGC/Government from time to time.

b. Coursework structure (27 Credits)

The coursework shall include:

I. Research Methodology – 4 Credits (Mandatory)
II. Research and Publication Ethics (RPE) – 3 Credits (Mandatory)
III. Advanced Domain-Specific Courses approved by the Research Advisory Board – 18 Credits
IV. Research Dissemination / Professional Development (Conference Presentation, Internship, Patent, Publication or equivalent approved activity) – 2 Credits

Subjects	Credits
Course : Semester-I (14 Credits)	
Research Methodology (Mandatory)	**4**
Research and Publication Ethics (Mandatory)	**3**
Advanced Course – I (Research Domain)	**3**
Advanced Course – II (Research Domain)	**3**
Doctoral Research Seminar & Literature Review / Interdisciplinary Elective Course	**1**
Course: Semester-II (13 Credits)	
Advanced Course – III (Research Domain)	**3**
Advanced Course – IV (Research Domain)	**3**
Advanced Interdisciplinary / Elective Course	**3**
Advanced Interdisciplinary / Elective Course	**2**
Research Dissemination & Professional Development*	**2**
Total (Semester I + Semester II)	**27**

d. Advanced Coursework

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The remaining coursework shall consist of Ph.D.-level advanced courses relevant to the scholar's area of research. Such courses shall be recommended by the Research Advisory Board (RAB) and may include:

I. Advanced Domain-Specific Subjects
II. Interdisciplinary Courses
III. Research Techniques and Analytical Methods
IV. Computational and Data Analysis Tools
V. Emerging Areas of Research
VI. Innovation and Entrepreneurship-related Courses
VII. Other courses approved by the University from time to time.

e. Research Dissemination & Professional Development (2 Credits)

The scholar shall successfully complete **any one** of the following, as recommended by the Research Advisory Board (RA**B**):

Activity	Credits
Presentation of a research paper at an International or National Conference	2
Publication of a paper in a Peer-Reviewed / SCI/ Scopus/WoS/ PubMed / Embase / NAAS / UGC Care List.	2
Filing of an Indian or International Patent	2
Technology Development / Prototype / Product Development / Software Copyright	2
Government Research Laboratory / Industry / National Laboratory Internship (Minimum 4 Weeks)	2
Consultancy / Field-based Research / Community Impact Project approved by the RAB	2

Note:

- The above activity shall be evaluated by the Research Advisory board based on documentary evidence and presentation by the scholar.
- The scholar shall obtain a satisfactory recommendation from the Research Advisory board to continue in the doctoral research programme.

f. First-Year Research Evaluation

At the end of the first academic year, every scholar shall:

i. Successfully complete the prescribed 27-credit coursework.
ii. Every Integrated Ph.D. scholar shall secure not less than 55% marks, or its equivalent grade on the UGC 10-point grading scale, in the prescribed coursework to become eligible for continuation in the Ph.D. Programme.

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iii. Submit a First-Year Research Progress Report outlining the research problem, literature review, objectives, methodology, preliminary findings, and future research plan.

iv. Present the research progress before the Research Advisory Board (RAB).

v. Produce at least one research outcome, such as:

- Publication in Peer-Reviewed / SCI/ Scopus/WoS/ PubMed / Embase / NAAS / UGC Care List, Presentation of a research paper in a National or International Conference;
- Patent application;
- Prototype, software, technology development, design registration, or any other research output approved by the RAB.

h. Continuation to Doctoral Research

A scholar who successfully completes the first-year requirements and obtains the recommendation of the **Research Advisory Board** shall be permitted to continue in the Ph.D. Programme. The period completed under the Integrated Ph.D. Programme shall be counted towards the minimum duration prescribed for the award of the Ph.D. Degree.

i. Exit Option with Master's Degree by Research

- A scholar who wishes to discontinue the Integrated Ph.D. Programme after successful completion of the first year may be permitted to exit, subject to the recommendation of the Research Advisory board and approval of the Vice-Chancellor.
- Such candidates shall be eligible for the award of Master of Science (M.S.) by Research (or) M.Tech by Research degree applicable to the discipline, provided that they have:

i. Successfully completed the prescribed 27-credit coursework;

ii. Secured the minimum qualifying marks prescribed by the University;

iii. Submitted and successfully defended the First-Year Research Report;

iv. Produced the minimum research outcome prescribed under these Regulations.

Stage	Qualification	Option
Admission	Integrated Full-Time Ph.D.	Full-Time
First Year	coursework + research training + research outcome	Full-Time (Mandate)

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After First Year	M.S. (By Research) / M.Tech (By Research)	May Exit
After Confirmation (Second Year onwards)	Continue Full-Time Ph.D.	Full-Time
	Eligible to request conversion to Part-Time Ph.D, (subject to approval of RAB and Vice-Chancellor)	Optional

j. Award of the Ph.D. Degree

A scholar who continues in the Integrated Ph.D. Programme and successfully fulfills all the requirements prescribed under these Regulations, including coursework, research progress reviews, synopsis submission, thesis evaluation, viva voce examination, publication requirements, and other academic requirements approved by the **Research Advisory Board** and the **University**, shall be awarded the **Doctor of Philosophy (Ph.D.) Degree** in accordance with the provisions of these Regulations.

28. CHANGES OF REGULATIONS

Not withstanding all that has been stated above, the Academic Council has the right to modify any of the above Regulations from time to time.