Academic Requirements for the Ph D Program
(Effective from Autumn 2017-18)

Doctor of Philosophy: Ph D: duration - typically a 3 to 5 years program. The program will be governed by these rules, subject to amendments, from time to time, as per the needs and requirements. These rules deal only with the post-admission academic activities of the program. Eligibility for admission, admission procedures etc., for the program are outside the purview of this document.

The Dean (Academic Programs)/Registrar may, from time to time, issue such instructions or directions as may be necessary to give effect to and carry out the provisions of these rules. Director, as Chairman of the Academic Council, may relax/exempt some provision(s) of the rules in exceptional situations and all such cases shall be reported to the Academic Council in the immediate next meeting.

Important terms/expressions used in the document have been defined in the GLOSSARY at the end of this document.

1. REGISTRATION

1.1 Categories of Registration:

a) A student may register in a given semester in two possible categories: resident registration and external registration. Only resident registration will count towards the residence requirement for a Degree. A foreign student on student visa will not be allowed to register as an external student.

b) To qualify for resident registration, the student must register for a duly approved course programme and pay the prescribed tuition and other fees, including any outstanding dues.

c) To qualify for external registration, a student must register for a duly approved research programme, and pay the prescribed registration fees, with the provision that the PG Committee may permit/require registration for coursework also.

d) A student is not required to register in the semester in which the final PhD thesis is submitted for evaluation.

e) A student who holds an M Tech or M.Phil or an equivalent post-graduate Degree should complete six semesters of residency (attending campus regularly and going through the attendance verification system) and those who holds a B.Tech or M.Sc or an equivalent Degree should complete eight semesters of residency.

f) A student, irrespective of his/her registration as full time or external (after the residency requirement) is required to pay the prescribed semester tuition fee and registration fee.

1.2 New entrants to the program, who are awaiting the results of the qualifying examination may be allowed 'provisional' registration. Latest by the date given in the Academic Calendar (usually about 8 weeks from the date of registration) such candidates will be required to submit, for verification, the Certificates of having passed the qualifying examination. Original certificates will be returned to the students and a self-attested copy will be kept for records.
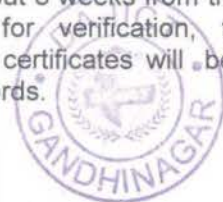
1.3 Late Registration:

a) If for any compelling reason like illness a student is unable to register on the day of registration, he/she will be allowed to register during the late registration period as specified in the Academic Calendar (which is about one week from the date of registration). Any student registering late will be required to pay the specified late registration fee.

b) In exceptional cases, the Dean (Academic Programs) on the recommendation of the Post-Graduate Committee (PGC) may consider registration beyond the date of late registration. In such a case, the student will be allowed to register for thesis credits only.

1.4 Academic Advising:

a) A student will be advised in the selection of courses by the faculty adviser appointed by Dean (Academic Programs) in consultation with the PGC. The students will be assigned a thesis supervisor after passing the comprehensive examination (details given in section 4).

b) A student may be permitted to repeat or substitute courses in which he/she has obtained 'DD', 'DE' or 'F' grades. Permission to repeat/substitute a course will be governed by the guidelines laid down in section 2.4.

1.5 Semester Load Requirements:

a) A semester load is defined as equivalent of 12 credits. A student registered for a full semester load solely by course work would typically take 4 courses. Depending on the merits of the case, the PGC may permit a student to register for a maximum of 15 credits or a minimum of 9 credits at the beginning of the semester.

b) A student in the external registration program, when registering for research only, can register for a maximum of 12 credits or a minimum of 3 credits during the regular semester.

1.6 Adding/Dropping of Courses and Withdrawal from a Semester

a) Adding and dropping of courses is permitted, during the Add/Drop period, only if the student's request is endorsed by the instructor of the course and the Convener PGC. The last dates of applying for adding and dropping of courses are specified in the Academic Calendar.

b) A student who wishes to withdraw prior to registration for a semester must obtain a formal approval from the Dean (Academic Programs) before the prescribed last date for late registration for the concerned semester. Withdrawal after registration for a semester is permitted only on medical grounds or for other exceptional reasons and formal approval for such withdrawal must be obtained from the Dean (Academic Programs) before the date of commencement of the end-semester examination for the concerned semester. Withdrawal from a semester, either prior to registration or after registration, is permitted for only one semester at a time. If a student does not register for a regular semester or does not withdraw with permission from the Dean (Academic Programs) as indicated above, his/her name is liable to be struck off from the rolls of the Institute.

c) A student who registers for a semester after having withdrawn in previous semester(s) can register for the available courses as prescribed in the curriculum for that particular semester subject to pre-requisites, if any.

d) The transcript of a student who has 'withdrawn' status would show the appropriate status for the concerned semester(s). The transcript of a student who is suspended for an academic or disciplinary reason would also show 'withdrawn' status.
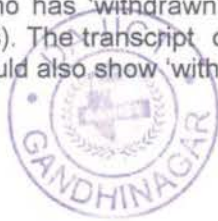
e)   The maximum period for completion of the program as given in the appropriate subsection of Section 2 includes any semester in which the student has 'withdrawn' status.

2. ACADEMIC REQUIREMENTS

2.1 Ph D Program:

Category	Minimum Total Credits	Minimum Course Credits	Minimum Research Credits	Minimum number of Courses	Minimum residency (Semesters)	Maximum Duration (Years)**
Ph D-after B Tech/M Sc	96	33	48	11	8	7
Ph D – after M Tech/ M Phil	72	12$	48	4	6	6
Ph D – sponsored after M Tech/M Phil	72	12$	48	4	1	7
Ph D – sponsored after B Tech/ M Sc	96	33*	48	11	2	8

2.1.1 $: The Course requirement includes two compulsory courses. This requirement may be waived for the students who have already taken these courses.

2.1.2 For self-study courses, a student should apply to the Dean (Academic Programs) with (a) detailed content of the study; (b) expected outcome; and (c) consent from the faculty under whom the course would be registered. The student enrolled for self-study courses is required to deliver public seminar on each of the self-study course at the end of the semester.

2.1.3 The students are required to register the Synopsis as one Research Unit (3 credits).

2.1.4 *: course credits for sponsored candidates with B. Tech./MSc degree and appropriate research experience can be relaxed based on the recommendations of the PGC and approval of the Dean-AP.

2.1.5 **: The candidate who has not defended his/her PhD Synopsis successfully before the 'Max Duration (Years)' allowed then admission of that PhD candidate will be terminated from PhD program. Such a candidate may request for fresh admission to PhD program by submitting an application to the Admission Committee. If the Admission Committee approves his/her admission, the candidate can be registered as a fresh PhD student and he/she will require completing academic requirements as mentioned in section 2.1.

2.2 Audit Courses:
The students are permitted to audit courses. They will be given a 'P' grade, which will be entered in their grade card if they satisfy the requirements placed by the course instructor. If they do not meet the requirements, then they will not get any grade and no entry will be made in the grade-card/transcript for that course.

2.3 Registration for B Tech first and second year core Courses
The PhD Students may be permitted to register for B Tech first and second year core courses with the prior approval of the Dean (Academic Programs) during their course work period. For courses registered, the students should obtain a minimum Grade of 'C' to be eligible to appear for Comprehensive Examination.

2.4 Grades, Semester and Cumulative Performance Index:

A student is awarded a letter grade in each course he/she is registered for, indicating his/her overall performance in that course. These letter grades are assigned points on a 10-point scale as described in the table below:

| Letter Grade	Grade Points	Explanation
AA	10	
AB	9	
BB	8	
BC	7	
CC	6	
CD	5	
DD	4	
DE	3	
F	0	Fail
I	-	Incomplete
P*	-	Pass

*For Pass/Fail and Audit Courses only.

a) If a student does not complete all the requirements for a course for a genuine reason, the instructor may award grade 'I' (Incomplete). An 'I' grade must be converted by the instructor to a regular letter grade by the last date for such conversion specified in the Academic Calendar, failing which it is automatically converted to an 'F' grade.

b) A student getting an 'F' grade in a core course must repeat it. An elective course must be either repeated or substituted as suggested by PGC.

c) A student getting a 'DD' or 'DE' grade in a course may substitute it by another course, provided his/her CPI is less than the prescribed minimum for getting the Degree and the student is allowed to continue in the program. For PhD students, replacement/substitution by another course is allowed, subject to his/her CPI is less than the prescribed minimum requirement for PhD comprehensive examination.

d) In case a course is repeated or substituted, the old grade will also appear on the transcript although it will not be taken into account while computing the CPI.

e) The grade 'S' or 'X' will be awarded for Ph D research credits as follows:

At the end of the semester, the thesis supervisor(s) will assess the student's progress towards the research work during the semester and will award the grade 'S' for each set of 3 credits if the work is satisfactory and 'X' for every unsatisfactory set of 3 credits.

f) If a student is on leave for a part of the semester or submits his/her thesis in the middle of a semester, the PGC may reduce his/her research credits appropriately.

2.5 Sponsored Category (Ph D):

A student may be admitted as a sponsored student to the program provided DA-IICT signs an agreement with the sponsoring agency for the same. The Table below indicates the aspects of the student's Degree program which would be specified by the agreement. All other requirements would be as indicated in the Academic Requirements for the Program. A student admitted to the program is eligible to move to sponsored category
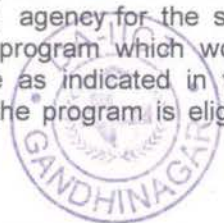
during his/her tenure at DA-IICT.

Requirement	Sponsored Ph D
Course Work	12 credits min. at DA-IICT. Additional credits, if required, may be obtained at DA-IICT or could be transferred from his/her sponsoring agency if indicated in the agreement.
Research	48 credits min. Part or all the research may be carried out at the sponsoring agency as indicated in the agreement.
Guidance	Guide from DA-IICT, Co-Guide from sponsoring agency.
Infrastructure (Research & Course)	DA-IICT and sponsoring agency respectively for the part in which student stays at DA-IICT and at the sponsoring agency.
Financial Support (TA/RA)	Not Applicable unless indicated in the agreement
Intellectual Property Rights	DA-IICT jointly with sponsoring agency as specified in the agreement.

3. ACADEMIC PERFORMANCE REQUIREMENT

3.1 Semester Performance Index (SPI) and Cumulative Performance Index (CPI):

The SPI is an indicator of the academic performance of a student in all the courses he/she has registered during a given semester. It is computed by taking the weighted average of the grades obtained in that semester. The CPI indicates the cumulative academic performance in all the courses taken including those taken in the current semester. CPI is computed by taking the cumulative weighted average of the grades earned till that semester. The SPI and CPI is calculated up to two decimal places. Courses with 'S' and 'X' will not be taken into account in the above computations.

3.2 Minimum CPI requirements for graduation in the program:

Program	CPI for Graduation
Ph D	7.0

3.3 Academic Probation and Dismissal:

A student whose CPI falls below the minimum required for graduation at the end of any semester will be placed on Academic Probation for the next semester with written intimation. A student in the Ph D program will be placed on Academic Probation if he/she obtains an X in a research course. For every student placed on Academic Probation for a semester, the PGC will prescribe a specified course load in the concerned semester and may also prescribe a minimum SPI the student must attain in the semester. The PGC will keep a watch on the progress of every student placed on probation and if the performance of a student is poor so that he/she is not likely to benefit from continuing in the program any further, will recommend to the Director that he/she should leave the Institute. A student who obtains more than 5 unsatisfactory (X) grades shall be discontinued

from the program. If a student's continuation in the program is terminated, the appropriate authority will issue the letter of termination.

3.4 Fellowships/Teaching Assistantships

The stipend would be decreased by 50% for the following semester in case a student obtains more than one unsatisfactory (X) grade in any semester or the CPI falls below 7/10.

4. COMPREHENSIVE EXAMINATION

4.1 Students registered in the program must pass a comprehensive examination designed to test the overall comprehension of the student in the relevant subjects.

4.2 Students admitted with B Tech, M Sc, MA or M Phil Degrees may appear in the comprehensive examination earliest at the end of the second semester, but must pass it before the end of the fourth semester after their first registration. Students admitted with M Tech or equivalent Degrees may appear in the comprehensive examination earliest at the end of the first semester, but must pass it before the end of the third semester after their first registration. The above time limits are exclusive of the period of sanctioned withdrawal, if any. The Dean (AP) may relax this requirement for sponsored category of students. The students working in sponsored research projects of DA-IICT shall be permitted to defer comprehensive examination by one semester over and the above the stipulated number of semesters.

4.3 Students should have a minimum CPI of 7.0/10 in order to be eligible for appearing in the comprehensive examination.

4.4 The examination will contain oral and/or written part. The PGC will be responsible for organizing the comprehensive examination for all eligible students every semester.

4.5 Dean (Academic Programs) will, in consultation with the PGC and the concerned Faculty Advisor, constitute the comprehensive examination board, which will consist of at least three but not more than five faculty members. The board will meet as soon as possible after it is constituted and will submit its recommendations to the Dean (Academic Programs).

4.6 When a student has not passed the comprehensive examination in his/her first attempt, a second comprehensive examination will be conducted by the same board that was constituted earlier unless decided otherwise by the Dean (Academic Programs). Both the attempts should be within the stipulated period as indicated in Rule 5.2. In case the duration between the first examination and the desired second one is considered to be short, he/she may not be allowed to appear for the second examination.

4.7 A student will have to discontinue the program, if he/she fails to pass the comprehensive examination even in the second attempt.

4.8 A student enrolled in the program is formally admitted to the candidacy for the Ph D Degree after he/she has passed the comprehensive examination.

5. MIGRATION RULES

5.1 **Eligibility for M Tech Degree:** A Ph D student who fails to pass the Ph D comprehensive examination within the specified duration, whether admitted directly or via internal migration, is eligible to receive the M Tech degree under the following conditions:
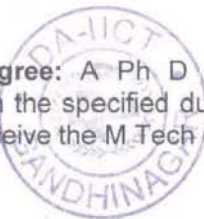
- The student fulfils the eligibility criteria for M Tech program
- The student fulfils the criteria for continuation in the M Tech program
- The student submits an M Tech thesis which fulfils the requirements for such within a maximum of two semesters. This duration would commence from the semester immediately following the semester in which the student failed the Ph D comprehensive examination. Furthermore, the student would not be eligible for financial support during this period

5.2 Ph D to M Tech Migration: Students in the Ph D program are eligible to migrate to the M Tech program provided they submit an application to the Dean (Academic Programs). Such an application can be accepted only when a student has completed a minimum of two semesters of Ph D and fulfils the following criteria.
- Student should have entered the program with a BTech/BE degree or equivalent.
- An appropriate M Tech program should be available in the Institute.
- At least 18 course credits completed.
- Student should have a minimum CPI of 6.0/10.0

5.3 Completion of Requirements for M Tech Program: A student who migrates to the M Tech program from the Ph D program must complete all requirements for the M Tech Degree within two years (four semesters) from the time of migration. However, credits earned as a Ph D student would be carried over to the M Tech program.

6 GLOSSARY

Academic Probation: Academic Probation indicates that a student's academic performance is not up to the expected level. Over and above the academic consequences described in section 3.3, a student who has been placed on probation at any time may be subjected to other restrictions related to financial support, award of medals and prizes, etc.

Cumulative Performance Index (CPI): CPI indicates the cumulative academic performance in all the courses taken including those taken in the current semester. CPI is computed by taking the cumulative weighted average of the grades earned till that semester.

Grade Points: Product of the credits and points of a letter grade awarded to the course.

Postgraduate Committee (PGC): Committee of the Institute responsible for Policy Guidelines and Implementation Strategies covering the Postgraduate Programs.

Semester: Approximately 16 weeks duration each, the first one (Autumn Semester) extending from July to November and the second (Winter Semester) from December/ January to April.

Semester Credits: The sum of credits of courses registered by the student in a semester.

Semester Grade Points: The sum of the products of credits and points for each course registered by a student in a semester.

Semester Performance Index (SPI): SPI is an indicator of the academic performance of a student in all the courses he/she has registered during a given semester. It is computed by taking the weighted average of the grades obtained in that semester.

DA-IICT, Gandhinagar
Created as of August 2017.

Ph D Program

1. Academic Requirement

Table 1 summarizes the academic requirement for the PhD program. Based on their respective categories students are required to complete the minimum total credits within the maximum duration. In addition, the minimum residency should also be fulfilled

Table 1 Summary of the Academic requirement for the PhD program based on the category of admission

Category	Minimum Total Credits	Minimum Course Credits	Minimum Research Credits	Minimum number of Courses	Minimum residency (Semesters)	Maximum Duration (Years)
Ph D-after B Tech/M Sc	96	33	48	11	8	7
Ph D – after M Tech/ M Phil	72	12	48	4	6	6
Ph D – sponsored after M Tech/M Phil	72	12	48	4	1	7
Ph D – sponsored after B Tech/ M Sc	96	33	48	11	2	8

NOTES:
- Regular credit load per semester is 12. This can be lowered to 9 or increased to 15 by applying to the PGC at the beginning of the semester.
- The required course credits for sponsored candidates with B. Tech./MSc degree and appropriate research experience can be relaxed based on the recommendations of the PGC and approval of the Dean-AP.

1.1 Course Credits:

A PhD student depending on the category needs to take a certain number of minimum course credits (Table-1). The different types of courses that a candidate takes are (i) compulsory courses (ii) Elective courses based on the broad domain of the area of interest, and (iii) Self Study.

Compulsory courses:

Students with **B. Tech./MSc** of the minimum 33 course credits are required to take the following courses which provide them with the necessary foundation for research and prepares them for the qualifying exam.

- HM502: Communication skills and Technical Writing (3-0-0-3)
- SC526: Mathematical Methods for ICT (3-0-0-3)
- SC527: Probability and Statistics(3-0-0-3)

And any one from the following:
- IT576: Computer Systems (3-0-2-4)
- CT542: Basics of Communication Systems (3-0-0-3)
- EL522: Introduction to Digital design (2-0-2-3)

Students with **M. Tech./M. Phil.** of the minimum 12 course credits are required to take the following courses:

- HM502: Communication skills and Technical Writing (3-0-0-3)
- All students must take a compulsory course "Research Methodology".

Other allowed courses:
The following courses are allowed to be taken towards course credits:

- **Courses with 2-letter grades** (AA, AB, BB, BC, CC, CD, DD, DE, F(Fail), I (Incomplete))
    - M Tech level courses (series 5xx, 6xx, 7xx, etc)-Example: EL511 VLSI Design (3 credit course)
    - B Tech level courses (series 4xx and 3xx) that are co-offered to or open to M Tech.-Example: EL426 Digital System Architecture (4 credit course)

Level-3 courses: Up to a maximum of **two** 300 level courses (3 credits each) would be considered towards the course credit requirement for candidates with B. Tech/ MSc degree, provided these courses are required to strengthen their foundation in the proposed area of study/interest.

Candidates with M. Tech./M.Phil. degree can also register for 300 level courses based on supervisor/mentor's advice, but the credits earned may not be counted towards course credit requirement.

Self study courses:
(i) Can be taken if suitable **regular courses** (series 4xx, 5xx) are not offered, and/or are not related to the research interests of the student. Table 1.1 shows the sequence to be followed while taking self study courses.
(ii) A student earns 3-credits for every self study course taken.
(iii) Maximum number of allowed self study courses is **two** with no more than **one** in a single semester.

To take a self study course Student should apply to the Dean-AP with
(i) the detailed course contents.
(ii) expected outcome of the course.
(iii) consent from the faculty under whom the self-study course should be taken.
(iv) at the end of the semester the student should give a public seminar.

Title of Self Study Course	Code	Numbering	Credits
Self Study 1	PC	831	3
Self Study 2	PC	832	3
Self Study 3	PC	833	3
Self Study 4	PC	834	3
Self Study 5	PC	835	3
Self Study 6	PC	836	3
Self Study 7	PC	837	3
Self Study 8	PC	838	3
Self Study 9	PC	839	3
Self Study 10	PC	840	3

Table 1.1 Sequence to be followed when registering on E-campus for self study courses.

1 2 Research Credits.

Research courses are with 1-letter grade S (Satisfactory) / X (Unsatisfactory). Research credits are usually taken by students after clearing their qualifier examination (Example PC801 Research 1 (3 credit))

Important Points

• In a particular semester if a student receives a X grade in one or more of the research courses then they should take the course again in the next semester

• Students have to register for PC 859 PhD Comprehensive in the semester they give their Comprehensive exam

• Students have to register for PC 861 PhD Synopsis (3 credit course) in the semester they give the PhD Synopsis exam.

• **Research courses before clearing the comprehensive examination:** A student can take research credits before clearing the comprehensive exam if it is allowed by Dean-AP/PGC. However, not more than 3 of such research courses (not credits) are allowed.

To take research credits before passing the comprehensive examination

• The student should get approval from Dean-AP/PGC.

• A faculty member should give consent for the same via an email to PhD coordinator with course code

• The same faculty member should email the grades at the end of the semester (before the last date of submission of grades) to PhD Coordinator.

Title of Research Course	Code	Numbering	Credits
Research 1	PC	801	3
Research 2	PC	802	3
Research 3	PC	803	3
Research 4	PC	804	3
Research 5	PC	805	3
Research 6	PC	806	3
Research 7	PC	807	3
Research 8	PC	808	3
Research 9	PC	809	3
Research 10	PC	810	3
Research 11	PC	811	3
Research 12	PC	812	3
Research 13	PC	813	3
Research 14	PC	814	3
Research 15	PC	815	3
Research 16	PC	816	3
Research 17	PC	817	3
Research 18	PC	818	3
Research 19	PC	819	3
Research 20	PC	820	3
Research 21	PC	821	3
Research 22	PC	822	3
Research 23	PC	823	3
Research 24	PC	824	3
Research 25	PC	825	3
Research 26	PC	826	3
Research 27	PC	827	3
Research 28	PC	828	3
Research 29	PC	829	3
Research 30	PC	830	3
Research Additional 1	PC	851	3

Title of Research Course	Code	Numbering	Credits
Research Additional 2	PC	852	3
Research Additional 3	PC	853	3
Research Additional 4	PC	854	3
Research Additional 5	PC	855	3
Research Additional 6	PC	856	3
Research Additional 7	PC	857	3
Research Additional 8	PC	858	3
Research Additional 9	PC	870	3

Table 1.2 Sequence of courses to be followed on e-campus for research credits. *(Notice that there can be certain gaps in the course codes)*

1.3 Residency requirement

Residency requirement is applicable from the first semester (i.e. semester of entry to the PhD program), and should be completed during the initial 8 or 6 semesters (depending on the category) of the PhD program.

Residency during a semester implies that:
• Student is available on DA-IICT campus for academic and research activities during all working days of the semester.
• Students should have taken a total of 12 credits during the semester. (Summer semester does not count towards residency requirement.)

Under certain special circumstances the residency requirement may be relaxed. This is done on a case by case basis for which the candidate should apply directly to Post Graduate Committee (PGC).

2. Supervisor Selection

Supervisor selection means a faculty member of DA-IICT has to give a formal consent to the Dean- AP to act as the supervisor of a particular student.

3. Comprehensive Examination

• Students registered in the Ph D program must pass a comprehensive examination designed to test the overall comprehension of the student in the relevant subjects.

• The comprehensive examination consists of two parts: **(i) Written or qualifiers and (ii) Proposal defense.** The **qualifier** exam is common to all candidates in the broad discipline of **ICT and related areas, Mathematics and natural sciences and computational sciences**. The syllabus is broadly based on the foundation areas of ICT or the compulsory courses for candidates with B Tech/MSc as the qualifying degree. The **proposal** defense is however customized per students and consists of a research proposal presented to an expert committee no later than 6 months of a candidate clearing the qualifier exam.

• For candidates pursuing PhD in the area of Humanities and Social Sciences the comprehensive examination will consist of two parts written and oral/presentation. For each student the syllabus is set by the PhD comprehensive committee. The respective comprehensive examination committee will be responsible for organizing the comprehensive examination for the Ph D student.

• Students admitted with **B Tech / BE /MSc / MCA** degree may appear for the qualifier examination **earliest after completing second semester but must pass it before starting the fifth semester** after their first registration. Students admitted with **M Tech / ME / MPhil** degree may appear for the qualifier examination **earliest after completing first semester but must pass it before starting the fourth semester** after
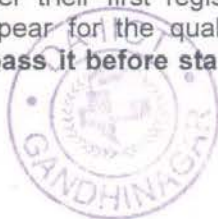
their first registration. The above time limits are exclusive of the period of sanctioned withdrawal, if any.

- The maximum number of attempts for the comprehensive exam is **two**. The students can appear for only one Ph.D Comprehensive examination in a given semester.

- Students should have a minimum CPI of 7.0/10 in order to be eligible for appearing in the comprehensive examination.

- A student will have to discontinue the Ph.D program if he/she fails to pass the comprehensive examination even in the second attempt.

- A Student enrolled in the Ph.D program is formally admitted to the candidacy for the Ph.D degree after he/she has passed the comprehensive examination.

4. Research Progress Seminar

Research Progress seminar is held twice a year, (once in October (Autumn Semester), and once in April (winter) after a student clears his/her comprehensive examination.

- The committee for research progress seminar is selected by Dean-AP based on Supervisor's input.

- Grades- To be solely decided by the supervisor, other committee members may agree/disagree.

5. Synopsis

- A PhD student is expected to successfully complete PhD Synopsis examination by the stipulated **Maximum Duration.**

- Student needs to register for synopsis on E-campus at the beginning of the semester.

- The Synopsis Committee for the candidate will be constituted by Dean-AP.

### Steps after successfully completing PhD Synopsis exam

- Submit PhD thesis to Dean-AP within a **maximum time** of **6 months**.

- PhD thesis is sent for a review to external experts by Dean-AP.

- Public defence of PhD thesis.

- PhD thesis defence and PhD synopsis exam cannot be taken in the same semester.

6. Fee Payment

A PhD student, irrespective of registered as resident (during the residency period), and resident/external (after the residency requirement), is required to pay full fees (tuition fee, registration fee etc. as prescribed by the Registrar), every semester, until (including) the semester during which the student submits his/her PhD thesis to the Dean-AP. This rule also applies to sponsored category students.

7. Termination

- More than 5 unsatisfactory(X) grade during the entire PhD program would lead to termination from the programme.

- The PhD candidate who has not defended his/her PhD Synopsis successfully before the 'Max Duration (Years)' allowed then admission of that PhD candidate will be terminated from PhD program. Such a candidate may request for fresh admission to PhD program by submitting an application to the Admission Committee. If the Admission
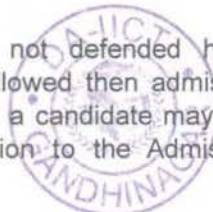
Committee approves his/her admission the candidate can be registered as a fresh PhD student and he/she will require completing academic requirements

- A student will have to discontinue the PhD program if he/she fails to pass the comprehensive examination even in the second attempt.

For all academic matters the students should write to PGC. In particular, a student should contact the PGC for issues related to:

1. Relaxation in residency
2. Change in the regular credit load in a given semester
3. Taking research credits before passing the comprehensive examination

Executive Registrar
DA-IICT, Gandhinagar