

NOTIFICATION: 10/2017



(Established by Govt. of Gujarat Act No.9 of 2016)

Sankalchand Patel Vidyadham, Visnagar – 384315.

**REGULATIONS FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY (Ph.D.)**

(W.e.f. 2016-17)

REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)

In exercise of the powers conferred by the act of SANKALCHAND PATEL UNIVERSITY, Visnagar, the Council of Deans of the University hereby makes the following revised regulations for the Degree of Doctor of Philosophy (Ph. D) under various faculties such as Engineering & Technology, Dental Sciences, Pharmacy, Management Studies, Computer Science, Science, and Commerce etc.

1. SHORT TITLE AND COMMENCEMENT:

1.1 These revised regulations may be called “THE REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.) OF SANKALCHAND PATEL UNIVERSITY, VISNAGAR”. These Regulations shall come into force with effect from June, 2016 and are subject to such modifications as may be approved by the Academic Council of SANKALCHAND PATEL UNIVERSITY from time to time.

1.2 The entire Ph. D program under various faculties of this university shall be for regular research scholar only. The SANKALCHAND PATEL UNIVERSITY does not permit Ph.D. program through distance learning mode.

1.3 SANKALCHAND PATEL UNIVERSITY offers Ph.D. programs in following faculties:

1.3.1 FACULTY OF ENGINEERING & TECHNOLOGY:

Faculty of Engineering & Technology offers Ph.D. program in following disciplines:

- 1.3.1.1 Civil Engineering
- 1.3.1.2 Mechanical Engineering
- 1.3.1.3 Electrical Engineering
- 1.3.1.4 Electronics & Communication Engineering
- 1.3.1.5 Computer Engineering
- 1.3.1.6 Information Technology

1.3.2 FACULTY OF DENTAL SCIENCES:

Faculty of Dental Sciences offers Ph.D. program in following disciplines:

- 1.3.2.1 Oral Medicine and Radiology
- 1.3.2.2 Prosthodontics and crown & bridge
- 1.3.2.3 Public Health Dentistry
- 1.3.2.4 Orthodontics & Dento- facial Orthopedics
- 1.3.2.5 Periodontology
- 1.3.2.6 Pedodontics & Preventive Dentistry
- 1.3.2.7 Conservative Dentistry & Endodontics
- 1.3.2.8 Oral & Maxillofacial Surgery
- 1.3.2.9 Oral pathology & microbiology

1.3.3 FACULTY OF SCIENCE

Faculty of Science offers Ph.D. program in following disciplines:

1.3.3.1 Biotechnology

1.3.3.2 Microbiology

1.3.3.3 Mathematics

1.3.3.4 Chemistry

1.3.3.5 Physics

1.3.4 FACULTY OF PHARMACY

1.3.5 FACULTY OF MANAGEMENT STUDIES

1.3.6 FACULTY OF COMPUTER SCIENCE

1.3.7 FACULTY OF COMMERCE

2 DEFINITIONS:

1. A **FULL TIME** research scholar is one who is not employed in any capacity and is fully devoted to the Ph. D Research work. However, he/she may be assigned teaching work as and when required.
2. **PART TIME** research scholars is one who is currently employed in recognized institute/organization/ university, and want to devote part of his time to pursue the research.
3. **TEACHING CUM RESEARCH FELLOW** is one who is working as a regular employee in the constituent institutes of SANKALCHAND PATEL UNIVERSITY and want to enroll for Ph.D. program in their respective faculty provided they meet the regulations thereto.
4. A **TEACHER** means a person engaged in full time teaching work at SANKALCHAND PATEL UNIVERSITY.
5. **RAC** means Research Advisory Committee as defined in this regulations.
6. **Ph.D. SUPERVISOR** means a full time teacher, who is employed at any of the constituent institution of SANKALCHAND PATEL UNIVERSITY, and fulfills the requisite criteria for becoming a Ph.D. supervisor as laid down by respective councils or a competent authority.

2.1 Ph.D. Admission Committee:

Ph.D. Admission Committee functions are:

1. To advertise the admission process as per prevailing norms of the UGC and call for applications.
2. To verify the candidates' credentials as per regulations and publish a list of eligible candidates for further process.
3. To conduct Ph.D. entrance examination and publish a list of qualified candidates after entrance examination.
4. To carry out work related to the research presentation before final admission.
5. Recommend and suggest Ph.D. supervisor for the candidate based on expertise.

Ph.D. Admission Committee members are:

- i. Dean of the Faculty as a Convener.
- ii. At least one subject expert from constituent institute.
- iii. External subject expert having enough research exposure in the relevant area, to be recommended by the Dean. (For the evaluation of interview/viva-voce)
- iv. Assistant Registrar (Academic / Research) as member secretary.

3 ELIGIBILITY FOR ADMISSION

3.1. CLASSIFICATION OF CANDIDATES:

The applicants are classified under one of the following ...

- a. **Full time Research Scholar** – Candidate available full time at the University for pursuing his/her research work and is not employed anywhere.
- b. **Part time Research Scholar** – Candidate, who is registered for the Ph.D. program and will devotes part of his/her time towards their pursuit and devotes part of his / her time towards the discharge of his/her official obligations.
- c. **Teaching Cum Research Fellow** – Regular employee of constituent institutes under Sankalchand Patel University, who can devote time to pursue his/her research along with his /her regular work load at the respective institute.

3.2. FULL TIME RESEARCH SCHOLAR

The candidate, who presents himself/herself for the registration of the Degree of Doctor of Philosophy (Ph.D.) in various faculties under the university, shall possess minimum education qualification as per the table given below.

Sr. No.	Faculty	Minimum Educational Qualification
1	Engineering & Technology	Master Degree or equivalent in the appropriate branch from a recognized University/ Institution with minimum of 55% marks in aggregate or equivalent grade. Its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) OR An equivalent degree from a foreign educational Institution
2	Dental Sciences	
3	Pharmacy	
4	Management	
5	Computer Science	

6	Science	accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.
7	Commerce	

3.3. PART TIME RESEARCH SCHOLAR

3.3.1 The candidate applying under the part time research scholar category should possess...

- Minimum educational qualifications as per the admission eligibility of Full Time Research Scholars mentioned under section 3.2.
- At least two years of relevant work experience is preferred.

3.3.2 The candidate needs to prove to the satisfaction of the university that his/her official duties permit him/her to devote sufficient time to research. Facilities for research are available at the candidate's place of work in the chosen field of research. **No Objection Certificate** from the current employer by the candidate is preferred.

3.3.3 The Part time research scholars must devote sufficient time for the research work in contact with the concerned research supervisor.

3.4. TEACHING CUM RESEARCH FELLOW

3.4.1 Candidate applying under the Teaching cum Research Fellow category should possess...

- Minimum educational qualifications as per the admission eligibility of Full Time Research Scholars.
- At least two years of relevant experience at the constituent institutes of the Sankalchand Patel University.

3.4.2 Preference will be given to candidate having valid GATE / GPAT / NET / SLET score.

3.4.3 Candidate can enroll in the same faculty/discipline, where he/she is employed or in interdisciplinary specialties, subject to the provisions thereto and under the supervisor and co-supervisor as applicable.

3.4.4 Such candidates have to submit **No Objection Certificate (NOC)** from respective Head of Institute and Dean of Faculty in the prescribed format as per the terms and conditions decided by the institution.

3.4.5 On discontinuation of service for reasons whatsoever, the Ph.D. registration of such candidate stand cancelled. However, he/she may apply for conversion of registration for Ph.D. program as full time research scholar or part time research scholar.

4 DURATION OF RESEARCH WORK:

4.1 Duration of Ph.D. program:

Full time candidates	- Minimum THREE years
Part time candidates	- Minimum THREE and HALF years
Teaching cum Research Fellow	- Minimum THREE and HALF years

- Maximum duration for the Ph.D. program, for all categories, shall be of six years.
- These durations include the course work.

4.2 Extension of Research work:

1. In case candidate is unable to complete his research work in the duration mention in clause 4.1, candidate has to apply for extension to university Board of Research (BOR) forwarded through research supervisor after recommendation from RAC.
2. Maximum extension of one year can be given, if candidate fails to complete his / her research work within the extension period then candidate has to re-register.

5 PROCEDURE FOR ADMISSION:

5.1 Admission Notification

Ph.D. admission committee shall initiate the process to publish admission notification as per the provisions prescribed under section #2.1. Such notification shall be published maximum twice in a year depending upon the availability of the seats/ Ph.D. supervisors etc.

5.2 Eligibility Criteria

Eligibility criteria shall be as defined under section #3 of this regulation will be applicable to scrutinize the applicants.

5.3 Entrance Examination

5.2.1 The SANKALCHAND PATEL UNIVERSITY shall be conducting an all-India based entrance examination for the admission to Ph.D. program after due advertisement/notification.

5.2.2 However, those students who qualify UGC-NET (including JRF)/UGC-CSIR NET (including JRF)/SLET/GATE/GPAT/Teacher Fellowship holder shall be exempted from entrance examination only, as per 5.2.1, and shall appear for the interview/viva-voce as mentioned in section 5.3.

5.2.3 The pattern of the entrance examination shall be as under:

5.2.3.1 The question paper will be divided in two sections.

- Section-I (covers General aptitude / mathematics / research statistics) 50 %.

- Section – II (covers subject/discipline specific syllabus) 50 %.

5.2.3.2 The question paper shall have MCQ and/or descriptive type questions.

5.2.3.3 Question paper shall be set from syllabus defined by concern faculty. There will be

no negative marking. If a question has not been attempted no credit/marks will be given. The questions will be of Post Graduate level.

5.2.3.4 The question paper shall be of maximum 3 hours' duration, and shall consist of total 100 marks.

5.2.4 Candidates acquiring minimum cut off from the sections taken together, shall be eligible for interview/viva-voce as mentioned in section 5.3.

5.2.5 Examination shall be held at SANKALCHAND PATEL UNIVERSITY, Visnagar, or any other examination center as decided by SANKALCHAND PATEL UNIVERSITY.

5.4 Interview / Viva-voce

5.3.1 The eligible candidate shall be called for interview/ viva-voce, and his/her documents shall be scrutinized by the admission committee. The allocation of the Ph.D. topic/subject of the faculty shall be finalized by the admission committee.

5.3.2 A merit list of successful candidate shall be prepared by considering his / her performance in the interview / viva – voce, considering their competency in,

1. The candidate possesses the competence for the proposed research;
2. The research work can be suitably undertaken at the Institution/College;
3. The proposed area of research can contribute to new/additional knowledge.

5.3.3 A list of admitted students shall be prepared depending on the availability of number of seats. The candidate shall be offered admission in the order of merit. The list of admitted candidates shall be sent to the respective faculty.

5.3.4 All the admitted students shall be registered provisionally to the Ph.D. program till the successful completion of their course work.

5.3.5 The list of all the Ph.D. registered students shall be published on university website on year-wise basis. The list shall include the name of the registered candidate, topic of his/her research, name of his / her supervisor / co-supervisor, date of enrolment / registration.

5.4 RESEARCH SUPERVISOR (Ph.D. Supervisor)

Following guidelines will be applicable to define the eligibility for the recognition of Research Supervisor of Ph.D. Program under the respective faculty of Sankalchand Patel University.

- 1) Faculty member with Ph.D. degree in the respective faculty or in related discipline and having minimum of 2 post Ph.D. publications. OR
- 2) Faculty member with Ph.D. degree in the respective faculty or in related discipline and having minimum 5 years of PG teaching experience. OR
- 3) Faculty member with Ph.D. degree in the respective faculty or in related discipline and having minimum 8 years of UG teaching experience and presently teaching in PG program. OR

- 4) Faculty member with Ph.D. degree in the respective faculty or in related discipline and having minimum 8 years of industry/scientific research experience and presently teaching in PG program. OR
- 5) Faculty member currently working in cadre of Professor with minimum 10 years of teaching experience and 10 research publications.

Note: Only faculty members of the constituent institutes of Sankalchand Patel University are eligible to be recognized as Ph.D. Research Supervisor.

5.4.1 Ph.D. Supervisor Approval

Ph.D. supervisor is recognized, subject to the final approval by the Academic Council of SANKALCHAND PATEL UNIVERSITY.

5.4.2 Applications

Application for Ph.D. Supervisors shall be submitted in a prescribed format to “Board of Research, SANKALCHAND PATEL UNIVERSITY”, who then will process the applications as per laid down norms.

5.4.3 Age limit of the Supervisor

Age limit of Ph.D. supervisor is as per guideline of UGC and concern statutory authority.

5.4.4 Restriction on number of candidates

A Research Supervisor / Co-supervisor who is a Professor, at any given point of time, can guide maximum Eight (8) Ph.D. scholars at a time. An Associate Professor as Research Supervisor can guide up to a maximum of six (6) Ph.D. scholars and an Assistant Professor as Research Supervisor can guide up to a maximum of four (4) Ph.D. scholars.

5.4.5 Allocation of research supervisor:

1. The admitted candidates shall be allocated to the university recognized Ph.D. supervisor formally in the Ph.D. Admission Committee meeting.
2. Candidates shall be allocated to the supervisors depending on the ratio of number of students per research supervisor and the research interest of the students as indicated during interview.
3. However, where Supervisor is not available in the respective subject of the faculty, then an eligible/recognized Supervisor of any other subject from the same or related faculty shall be allocated by the Ph.D. Admission Committee.
4. The allocation of Research Supervisor as per 5.4.4, the available specialization among the Supervisors and research interests of the scholars as indicated by them at the time of interview / viva voce.
5. In case of topics which are of inter-disciplinary in nature where the Ph.D. Admission Committee feels that the expertise in the Department has to be supplemented from outside, the Department

may appoint a Research Supervisor from the Department itself, who shall be known as the Research Supervisor, and a Co-Supervisor from outside the Department / Faculty / College / Institution.

5.5 PROVISIONAL ADMISSION

A candidate shall be provisionally admitted/registered to the University for Ph.D. program by submitting a duly filled prescribed form along with a self attested Photostat copy of necessary documents as under.

- Post graduate degree certificate
- Fellowship award certificate (if applicable)
- Sponsorship certificate (if applicable)
- Recent Publications (of last four years) (if applicable)
- Experience certificate (if applicable)
- Six printed copies of the Research proposal in a prescribed format along with a soft copy.
- Two passport size recent photographs.
- NOC from current employer (if applicable)
- Consent letter duly signed by the allocated research supervisor

5.6 RESEARCH ADVISORY COMMITTEE (RAC)

5.6.1 The Provost of SANKALCHAND PATEL UNIVERSITY shall constitute a specialty / subject wise research advisory committee for each research scholar, comprising of:

1. Research Supervisor – Convener of RAC,
2. Dean of concerned faculty
3. At least one external expert related to area of research.

5.6.2 The RAC shall review the research proposal submitted by the candidate at the time of provisional admission process and shall recommend the acceptance of research proposal. The RAC shall also guide the research scholar to develop the study design and methodology of research and identify the course(s) that he / she may have to do.

5.6.3 The RAC, if required shall direct a candidate to submit the revised research proposal incorporating the recommendations made by it within a period of ONE month. Once the revised research proposal is accepted, the candidate shall be recommended for provisional registration

5.6.4 It shall be mandatory for all the provisionally registered candidates to seek the clearance of proposed research work from the Institutional Ethics committee and/or institutional animal ethics committee for confirmation provisional registration, wherever applicable.

5.6.5 Candidate who fails to get clearance from the doctoral progress committee or/and ethics committee(s) shall not be registered for the Ph.D. degree and his/her application the same will stand cancelled and no refund of registration and application fees will be permissible.

- 5.6.6** The candidate who fails to appear before the institutional ethics committee and /or the institutional animal ethics committee on a stipulated date(s) without prior permission or valid reason, the committee may recommend cancellation of provisional registration granted to the candidate.
- 5.6.7** The research advisory committee shall monitor the research work of the candidate concerned periodically, record his/her progress of every semester in the prescribed format and send it to the controller of examination. It shall also review the overall research work done before final submission of the thesis by the research scholar.
- 5.6.8** Any change in the membership of the RAC shall be effected only on approval by the Provost.

5.7 COMMENCEMENT OF ACADEMIC SESSION:

The academic session for the Ph.D. program shall commence twice in a year, depending upon the completion of admission procedures.

6. COURSE WORK

- 6.1.** The provisionally admitted/registered candidate for the degree of Doctor of Philosophy (Ph.D.) shall undertake course work for a minimum period of six months.
- 6.2.** The course work shall be treated as prerequisite of further Ph.D. research work. Only if the candidate successfully completes his/her course work, he/she will be eligible for enrollment process and will be allowed to carry out further research work.
- 6.3.** The candidate shall undertake the coursework consisting of three subjects with total 10 credits as specified below in the table.

Sr. No.	Subject Description	Credits
1	Research Methodology and Statistics	4
2	A subject related to research Topic / Domain specific discipline	4
3	A subject covering Tutorials / Simulations /Experiments / Assignments etc.	2

- 6.4.** All above mentioned courses prescribed for Ph.D. course work shall be in conformity with the credit hour instructional requirement and shall specify content, instructional and assessment methods as recommended by the RAC and approved by Academic Council.
- 6.5.** Evaluation and/or assessment for the course work shall be carried out as per the methods and weightage specified for each respective subject in the teaching scheme approved by the academic council.
- 6.6.** The candidate has to obtain a minimum of 55% of marks or its equivalent grade in the course work in order to be eligible to continue in the program and submit the dissertation/thesis.
- 6.7.** Candidates already holding M. Phil. degree and admitted to the Ph.D. program, may be exempted by the University/Institute/Department from the Ph.D. course work. All other candidates admitted to the

Ph.D. program shall be required to complete the Ph.D. course work prescribed by the University/Institute/Department.

- 6.8. All candidates admitted to the Ph.D. program shall be required to complete the course work prescribed by the University during the initial one or two semesters.
- 6.9. In case a candidate fails to pass the course work examination in FOUR attempts, He / She will not allow registering further. Payment of fees for appearing the examination at the end of first year and inability to write this examination shall be deemed as an attempt.

7. INTER-DISCIPLINARY RESEARCH

- 7.1. A candidate registered for a Ph.D. programme shall carry out research work essentially under guidance of his/her Ph.D. supervisor. A research scholar / supervisor can propose inter-disciplinary research work in other concerned department / institute recognized by Sankalchand Patel University. However, the work at the said department / institute shall be carried out under the guidance of qualified experts.
- 7.2. The co-supervisor/s may work as co-opted member/s of the RAC for the candidate. Only a full time regular teacher of the concerned University/Institution can act as a PhD. Supervisor. The external supervisors are not allowed. However, Co- Supervisor can be allowed in inter-disciplinary areas from other departments of the same institute or from other related institutions with the approval of the Research Advisory Committee.

8. RECOGNISED INSTITUTIONS FOR RESEARCH WORK

Candidate who has registered for the Degree of Doctor Philosophy (Ph.D.) shall pursue research under the supervision of a Ph.D. supervisor in any one of the following Departments /Institutions, recognized by Sankalchand Patel University namely:

- Any department / institute of SANKALCHAND PATEL UNIVERSITY;
- Postgraduate departments of recognized University or college situated within the country having necessary facilities carrying out research in the branch of study concerned. It is preferred that the department has been offering the recognized postgraduate course.
- All India Research Institutions, Regional Research Institutions or any other Non teaching Research Institution having necessary facilities for carrying research in the branch of study concerned and approved by this University.
- Any organization/industry/institution not covered above but having sufficient infrastructure to carry out required research work shall be granted the recognition for the purpose as per the procedures laid down.
- For the purpose granting recognition to an institution covered above, the request made by concern research supervisor and dean of faculty may be forwarded to the Academic Council of Sankalchand Patel University, and on its recommendation, the final decision be taken by the Provost.

9. CHANGE OF SUPERVISORS AND TRANSFER OF SCHOLARS

- 9.1. In case of resignation, relieving, retirement, or death of a Ph.D. supervisor, the candidates registered under him/her shall be re-allocated to other recognized supervisor/s in the subject/department, on the recommendation of the faculty dean with the permission of Provost.
- 9.2. However, in case of resignation, relieving or retirement of a Ph.D. supervisor; the research supervisor shall continue guiding the registered scholars till the availability of other recognized supervisor or the completion of the research work whichever is earlier.
- 9.3. When a supervisor is not available for the period of six months or more due to leave/lien/deputation; RAC shall allocate such student to other eligible supervisor as a co-supervisor, till the supervisor becomes available. In such cases recommendation of regular supervisor is preferred.
- 9.4. However not withstanding any of the above, change of supervisor by research scholar shall be avoided.

10. PROGRESS OF THE RESEARCH WORK:

- 10.1. A research scholar shall appear before the Research Advisory Committee once in six months to make a presentation of the progress of his/her work for evaluation and further guidance. The six monthly progress reports shall be submitted by the Research Advisory Committee to the Institution/College with a copy to the research scholar.
- 10.2. A research scholar is required to submit the detailed research proposal along with Title of the research in the first presentation to RAC after the successfully completion of course work.
- 10.3. The RAC shall review the progress of research and shall advice the candidate with regard to further work. The RAC shall submit its report back to the Ph.D. Research coordinator.
- 10.4. If a candidate fails to submit two consecutive six monthly progress report or/and fails to appear before RAC for presenting progress of research work on one occasion without valid reason/s communicated in advance to the Ph.D. Research coordinator, the RAC shall recommend to the Ph.D. coordinator for cancelling his/her registration.
- 10.5. In case of unsatisfactory research work by the research scholar, the RAC shall record the reason/s for the same, advice and suggest correctives measures. If the research scholar fails to incorporate these corrective measures, the RAC may recommend to the Provost with substantial reasons through the Ph.D. Research coordinator for cancellation of the registration.
- 10.6. At appropriate time during six monthly progress review meeting, RAC shall recommend the research scholar to submit the synopsis, which a research scholar shall submit within six months from the RAC recommendation.
- 10.7. Procedure to be followed for evaluation of Ph.D.
 - A) Pre- Ph.D. exam.
 - B) Research Proposal.

- C) Six monthly progress reports.
- D) Pre-Defense open seminar.
- E) Final defense.

11. CANCELLATION OF THE Ph.D. REGISTRATION

- 11.1.** In case of recommendation for cancellation of the registration by the RAC, the candidate shall be intimated by the controller of examination about the grounds on which the registration is being proposed for cancellation. In case of any representation from the candidate, the controller of examinations shall refer the matter to the Provost, who may either suggest cancellation of registration or refer the matter back to the respective RAC for reconciliation or necessary action as it may deem fit. The decision of the Provost shall be final.
- 11.2.** A candidate who fails to submit the completed thesis within the prescribed period or has fails to do so within the notified extended period, if any, the registration of such candidate shall stand lapsed automatically and such candidate shall have discharged from the Ph.D. programme. However, such a candidate may, if he/she desires so, apply for re-registration for the Ph.D. degree after complying with the procedure prescribed under these regulations.

12. CHANGE IN TOPIC OF RESEARCH

- 12.1.** If a candidate desires to change the topic of research on substantial grounds, he/she shall make an application to faculty dean through the supervisor.
- 12.2.** The faculty dean shall put the application to RAC which shall consider such application on merit and may recommend change in the topic of research.
- 12.3.** Permission for change in the topic of research may be granted by the Provost. No further change shall be permitted thereafter.
- 12.4.** The candidate shall be required to comply with all the procedure for registration of the new topic.
- 12.5.** However, the duration of research period shall commence from the date of registration of new topic.

13. TITLE OF THE THESIS

- 13.1.** The exact title of the thesis shall be submitted to the RAC at the time of submission of the detailed research proposal.
- 13.2.** Any request made for change of title of the thesis after the submission of the research proposal but within period of three months of registration shall be before the research advisory committee for its consideration.
- 13.3.** The change in the title of the thesis shall be allowed only once. Such changes are subject to the recommendations of the RAC. The RAC shall intimate the change in the title, if any, to the research scholar and the controller of examination.

14. SYNOPSIS

- 14.1.** After completion of research work the candidate shall be required to submit the entire research work to his/her supervisor for approval.
- 14.2.** After approval of the research work by the supervisor, the candidate shall submit SIX copies of synopsis as per the prescribed performa to the Ph.D. coordinator for its approval from RAC.
- 14.3.** The candidate shall make a presentation of his/her research work, contained in a synopsis, before the member of RAC. This presentation shall be open for all faculty members and research scholars in the relevant discipline.
- 14.4.** The submitted synopsis shall be modified suitably, if needed, based on the suggestions of the committee. This step shall be considered as preliminary examination prior to the submission of doctoral thesis.
- 14.5.** The final approved copy of synopsis after incorporating all changes, if any, suggested by RAC, shall be given to Controller of Examination.
- 14.6.** Conditions for submission of Ph.D. synopsis.
 - A. As per the prescribed Performa
 - B. Clearance from SANKALCHAND PATEL UNIVERSITY Ethical Committee (SPUEC) and/or plagiarism report.
 - C. Clearance from Institutional Animal Ethical Committee (IAEC) registered with Committee for the Purpose of Control and Supervision on Experiments on Animals (CPCSEA); wherever applicable.
 - D. Any other clearance as required by respective regulatory / statutory authority of various faculties.
 - E. To be submitted to the university within six months from the date of recommendation of submission of synopsis by RAC.

15. SUBMISSION OF THESIS

- 15.1** After the acceptance of synopsis by the university, the candidate shall submit SIX copies of thesis preferably spiral binding, duly signed by the supervisor, co-supervisor(s) if any, and faculty Dean along with TWO copies (in separate CDs) in computer disc, within THREE months from the final approved version of the synopsis, to the Controller of Examination through the faculty Dean in confidential cover.
- 15.2** It shall be mandatory for the candidate to publish at least TWO Research papers from the research work done for the thesis in peer reviewed / indexed journal(s) / High impact factor journals before submission of thesis. The list of peer reviewed / indexed journal(s) / High impact factor journals

shall be published on university website.

- 15.3** The title page of the thesis, cover, format, etc., shall strictly conform to the format of presentable by the university and shall carry a declaration by the candidate and certificate duly signed and issued by the supervisor, co-supervisor(s) if any, head of the department and faculty dean.
- 15.4** Supplementary papers to the thesis like printed copies of any contribution to the knowledge of the subject may also be appended in the thesis by the research scholar.
- 15.5** Where a Ph.D. candidate has submitted the synopsis but is unable to submit the thesis within the time, prescribed extension of time for submission of thesis may be granted by the Provost subject to maximum of ONE year with valid reasons. Research scholar require to pay term fees as per the rules.
- 15.6** The research scholar with research supervisor requires submitting the thesis with an undertaking of 1. Plagiarism report 2. Certificate of originality 3. Certificate for the work, has not been submitted for the award of any other degree/diploma of the same Institution where the work was carried out, or to any other Institution.

16. REVIEWERS

- 16.1** The Research Advisory Committee shall forward the details of SIX reviewers to the controller of examinations. The reviewer should preferably fulfill the criteria of eligibility of supervisor for appointment as reviewer, who are to be of national / international repute not should be from any of the institute affiliated to Sankalchand Patel University.
- 16.2** The Ph.D. thesis submitted by a research scholar shall be evaluated by his/her Research Supervisor and at least TWO external examiners, who are not in employment of the Institution/College.
- 16.3** Controller of Examination in consultation with Provost finalize the name of TWO external examiners for the review of the thesis. Controller of Examination may decide to send soft copy version of the thesis for the evaluation if it is suitable to the reviewer.
- 16.4** In order to complete the evaluation work within stipulated time period, a reviewer shall be given maximum 60 days' time for the review of the thesis. If any reviewer is unable to complete/submit the review report within this time period, Controller of Examination may send to another reviewer with permission from Provost.
- 16.5** For conduction viva-voce examination at least one reviewer shall be appointed. The reviewer shall be one of the reviewer(s), who had evaluated the thesis of the research scholar.
- 16.6** When first panel of SIX Ph.D. external reviewers are unable to accept the reviewer - ship, the controller of examination shall seek names for an additional panel of reviewers from the RAC. The additional panel is also unable to accept the reviewer ship the Provost shall appoint reviewer(s) as required in consultation with the head of department / dean in the relevant discipline.

17. EVALUATION OF THESIS AND DEFENCE VIVA-VOCE EXAMINATION

- 17.1.** A copy of thesis shall be sent to reviewers for evaluation.
- 17.2.** The reviewers who had evaluated the thesis shall ordinarily report to the controller of examination on the merit of the thesis for Ph.D. degree as
1. Recommended
 2. Recommended with minor correction
 3. Recommended with major correction
 4. Rejected
- In the prescribed format, along with a detailed report within 60 days from the date of receipt of the thesis.
- 17.3.** In case of thesis rejected by any one of reviewer, on request of research supervisor, thesis may be sent to another reviewer from the panel on approval of Provost.
- 17.4.** A candidate, whose thesis has not been recommended, shall be permitted to resubmit the corrected / modified thesis as suggested by the reviewers within a period of one year to the controller of the examination. In such cases, the candidate will automatically be considered for an extension for Ph.D. program.
- 17.5.** No candidate shall be permitted to submit the thesis or take the defense viva-voce examination for Ph.D. degree for more than THREE attempts
- 17.6.** When the thesis is approved the candidate shall ready himself / herself for a defense viva-voce examination, to be conducted before the examination panel. The examination panel shall consist of candidate's research supervisor, at least one external examiner and Faculty Dean.
- 17.7.** The viva-voce will relate only to the research area / thesis. Such public viva-voce examination will be conducted only in the SANKALCHAND PATEL UNIVERSITY premises, and it shall be open for all.
- 17.8.** If none of the reviewers who evaluated the thesis is available, another reviewer from the panel may be appointed by the Provost. A candidate who is successful in the viva-voce examination shall be declared to have qualified for the Ph.D. degree with effect from the date of the publication of notification.
- 17.9.** A candidate, who is not successful in the defense viva-voce, shall be permitted to appear for the viva-voce another time, within a period of three months.

18. MISCELLANEOUS:

18.1 PUBLICATION OF THE THESIS:

The thesis, only on approval, shall be published in full as a book with the permission of the RAC. However, the candidate during the course of his/her research shall have to publish or must receive the acceptance for getting published at least TWO papers in indexed journal/s. in such instances, the candidate shall append the reprint copies of published papers or the acceptance letter in the copies of Ph.D. thesis submitted to the university by him/her.

18.2 AWARD OF DEGREE:

On completion of the evaluation process, the successful candidate shall submit the FOUR hard copies of the thesis, upon receipt of which candidate shall be awarded the degree of 'Doctor of Philosophy' mentioning the faculty, the subject in which he/she was enrolled.

The SANKALCHAND PATEL UNIVERSITY shall also issue a provisional certificate certifying that the degree of Ph.D. has been awarded in accordance with the provisions of the University Grants Commission (UGC) regulations for Ph.D.

18.3 DEPOSITORY WITH UGC:

Following the successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree(s), The SANKALCHAND PATEL UNIVERSITY shall submit an electronic copy of the Ph.D. thesis to the INFLIBNET, for hosting the same so as to make it accessible to all Institutions/Colleges.

18.4 DECISION BY PROVOST:

In all other matters not specifically covered under these regulations, the Provost may take a decision having regard to the circumstances of the case and if he/she deems necessary he/she may refer the matter to the academic council, for suitable recommendations before taking such decisions.